LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.726	69	74	83	rBV	140939	256102	1.62%	0.192%
2	6.052	462	470	476	rBV	68871	117751	0.75%	0.088%
3	7.198	657	665	672	rBV	535959	908937	5.76%	0.682%
4	7.380	690	696	703	rVV	365877	593354	3.76%	0.446%
5	7.580	720	730	736	rBV	469334	799740	5.07%	0.600%
6	7.639	736	740	750	rVB3	50336	118806	0.75%	0.089%
7	8.056	800	811	817	rBV	365850	636488	4.03%	0.478%
8	8.749	919	929	936	rBV	537793	936641	5.93%	0.703%
9	9.219	1002	1009	1016	rBV	493332	829201	5.25%	0.623%
10	9.771	1096	1103	1108	rBV3	55247	95719	0.61%	0.072%
11	9.942	1124	1132	1139	rBV	406030	729569	4.62%	0.548%
12	10.477	1213	1223	1232	rBV	633467	1112435	7.05%	0.835%
13	10.864	1277	1289	1302	rBV	542730	1030452	6.53%	0.774%
14	10.994	1305	1311	1321	rBV2	128295	248223	1.57%	0.186%
15	11.399	1372	1380	1387	rVB7	45586	105034	0.67%	0.079%
16	11.599	1407	1414	1425	rBV2	213766	440394	2.79%	0.331%
17	12.210	1507	1518	1528	rBV	8438356	15788361	100.00%	11.855%
18	13.026	1650	1657	1663	rBV	130235	209749	1.33%	0.157%
19	13.344	1704	1711	1722	rVB	3003864	4706435	29.81%	3.534%
20	13.826	1785	1793	1805	rBV	416992	691335	4.38%	0.519%
21	13.949	1808	1814	1820	rBV	467784	774341	4.90%	0.581%
22	14.084	1829	1837	1845	rBV	1043275	1561082	9.89%	1.172%
23	14.178	1845	1853	1857	rBV2	133657	225712	1.43%	0.169%
24	14.378	1881	1887	1896	rVB	1196010	1901881	12.05%	1.428%
25	14.677	1930	1938	1945	rBV2	1065159	1861163	11.79%	1.397%
26	14.742	1945	1949	1955	rVB5	55600	97743	0.62%	0.073%
27	14.866	1963	1970	1978	rBV3	551309	1078383	6.83%	0.810%
28	15.471	2060	2073	2078	rBV	2063661	3187601	20.19%	2.393%
29	15.518	2078	2081	2087	rVB	110827	158227	1.00%	0.119%
30	15.670	2099	2107	2119	rVB	1461522	2269762	14.38%	1.704%
31	15.782	2119	2126	2132	rBV	422921	700343	4.44%	0.526%
32	15.847	2132	2137	2140	rVV4	214481	395277	2.50%	0.297%
33	15.882	2140	2143	2151	rVV	230216	356260	2.26%	0.268%
34	16.458	2236	2241	2253	rBV	1087960	1697294	10.75%	1.274%
35	16.928	2317	2321	2326	rVV	125179	174735	1.11%	0.131%
36	17.069	2337	2345	2353	rBV	408092	691632	4.38%	0.519%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Title : SVOA CALIBRATION

37	17.368	2389	2396	2400	rBV5	111039	173772	1.10%	0.130%
38	17.427	2400	2406	2412	rVB	930201	1421031	9.00%	1.067%
39	17.527	2416	2423	2429	rBV	1516398	2356225	14.92%	1.769%
40	18.314	2551	2557	2565	rBV	746148	1109652	7.03%	0.833%
41	18.385	2566	2569	2572	rVV	94896	125593	0.80%	0.094%
42	18.426	2572	2576	2582	rVV3	86965	143447	0.91%	0.108%
43	18.491	2582	2587	2592	rVB	165535	224451	1.42%	0.169%
44	19.096	2684	2690	2698	rVB	433246	711476	4.51%	0.534%
45	19.237	2711	2714	2720	rBV5	44443	89025	0.56%	0.067%
46	19.331	2722	2730	2735	rVB2	857687	1284646	8.14%	0.965%
47	19.460	2750	2752	2760	rVV2	111598	172138	1.09%	0.129%
48	19.531	2761	2764	2768	rVB3	138412	165162	1.05%	0.124%
49	19.584	2769	2773	2774	rBV	417439	477480	3.02%	0.359%
50	19.613	2774	2778	2784	rVV	1313278	1807111	11.45%	1.357%
51	19.672	2784	2788	2796	rVB4	122145	189658	1.20%	0.142%
52	19.807	2805	2811	2816	rBV	1464167	2093484	13.26%	1.572%
53	19.866	2819	2821	2825	rVB4	98540	118648	0.75%	0.089%
54	19.948	2831	2835	2839	rBV2	252339	312059	1.98%	0.234%
55	20.054	2846	2853	2858	rBV2	802811	1480876	9.38%	1.112%
56	20.177	2869	2874	2878	rBV	795138	1040581	6.59%	0.781%
57	20.218	2878	2881	2888	rVV2	361593	623711	3.95%	0.468%
58	20.312	2892	2897	2902	rBV	2355923	3239781	20.52%	2.433%
59	20.359	2902	2905	2911	rVV2	443945	633005	4.01%	0.475%
60	20.441	2915	2919	2923	rVB6	141518	192995	1.22%	0.145%
61	20.512	2927	2931	2936	rVB2	410241	501294	3.18%	0.376%
62	20.588	2939	2944	2949	rBV	2656785	3369136	21.34%	2.530%
63	20.647	2949	2954	2956	rVV2	841167	1122903	7.11%	0.843%
64	20.676	2956	2959	2962	rVV2	468793	625434	3.96%	0.470%
65	20.723	2962	2967	2980	rVV	2343030	4290478	27.17%	3.222%
66	20.841	2983	2987	2991	rVV6	272262	424224	2.69%	0.319%
67	20.911	2991	2999	3005	rVV	1814815	3570223	22.61%	2.681%
68	20.964	3005	3008	3012	rVB4	161018	197261	1.25%	0.148%
69	21.064	3021	3025	3030	rVB	931455	1280492	8.11%	0.961%
70	21.135	3033	3037	3044	rVV2	491238	668062	4.23%	0.502%
71	21.223	3047	3052	3060	rVV	1293909	2104877	13.33%	1.580%
72	21.287	3060	3063	3066	rVV5	87285	108862	0.69%	0.082%
73	21.340	3067	3072	3074	rVV	941478	1299330	8.23%	0.976%
74	21.370	3074	3077	3083	rVB2	837316	1181743	7.48%	0.887%
75	21.434	3084	3088	3094	rVB3	491742	719640	4.56%	0.540%
76	21.499	3096	3099	3103	rBV2	199073	272720	1.73%	0.205%

LSC Area Percent Report

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Operator : MA/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Title : SVOA CALIBRATION

77	21.581	3108	3113	3119	rBV	1505416	2072760	13.13%	1.556%
78	21.693	3126	3132	3133	rBV2	1207302	1848253	11.71%	1.388%
79	21.716	3133	3136	3142	rVB2	1673124	2601052	16.47%	1.953%
80	21.898	3164	3167	3172	rVB2	149573	209504	1.33%	0.157%
81	22.128	3200	3206	3213	rBV4	698520	1294188	8.20%	0.972%
82	22.210	3215	3220	3227	rVB4	173917	320997	2.03%	0.241%
83	22.298	3231	3235	3246	rVB4	202351	371657	2.35%	0.279%
84	22.527	3266	3274	3289	rBV2	1718042	3822149	24.21%	2.870%
85	23.103	3368	3372	3381	rVB2	165048	368441	2.33%	0.277%
86	23.209	3386	3390	3398	rVB2	151219	283939	1.80%	0.213%
87	23.555	3444	3449	3457	rVB2	295055	551890	3.50%	0.414%
88	24.019	3521	3528	3534	rBV2	764375	1641509	10.40%	1.233%
89	24.078	3535	3538	3551	rVB4	190756	494917	3.13%	0.372%
90	24.683	3633	3641	3656	rVB2	528082	1502314	9.52%	1.128%
91	24.907	3670	3679	3687	rBV2	473283	1269327	8.04%	0.953%
92	25.500	3774	3780	3790	rVB3	245405	654874	4.15%	0.492%
93	26.123	3880	3886	3895	rVB3	160478	459328	2.91%	0.345%
94	26.246	3901	3907	3922	rVB6	191578	690651	4.37%	0.519%
95	28.303	4253	4257	4268	rVB4	175593	512565	3.25%	0.385%
96	29.378	4434	4440	4443	rBV6	93673	216656	1.37%	0.163%
97	30.424	4610	4618	4619	rBV7	226180	454258	2.88%	0.341%
98	31.117	4719	4736	4756	rBV5	828424	4442974	28.14%	3.336%
99	31.769	4833	4847	4866	rVB8	812961	4576545	28.99%	3.436%
100	32.457	4941	4964	4983	rBV8	1944766	13111128	83.04%	9.845%

Sum of corrected areas: 133180724

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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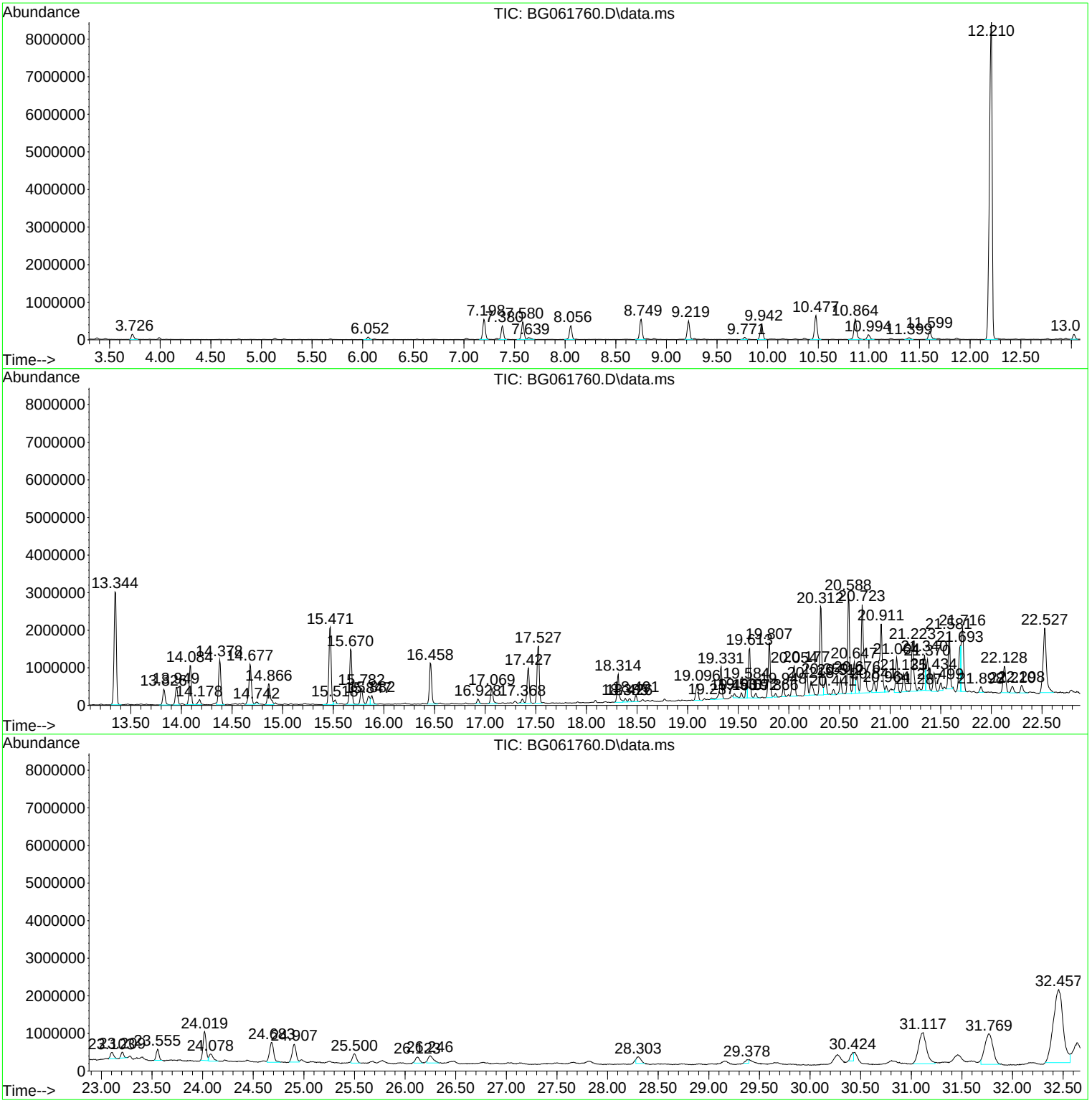
ClientSampleId :
C0AB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
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Instrument :
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ClientSampleId :
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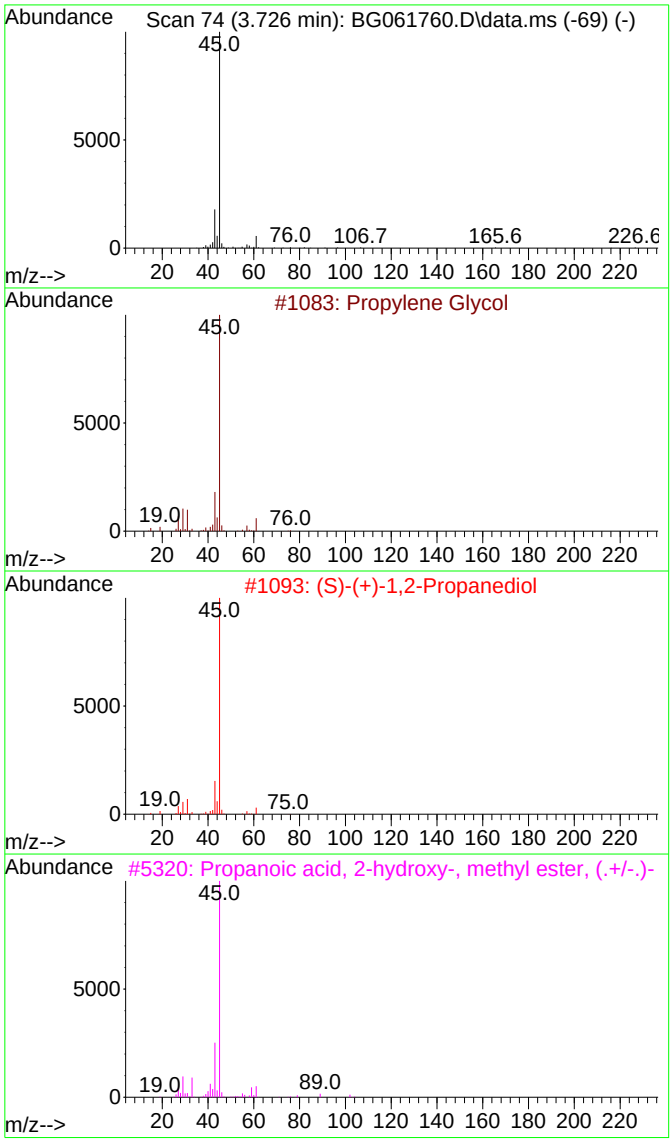
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

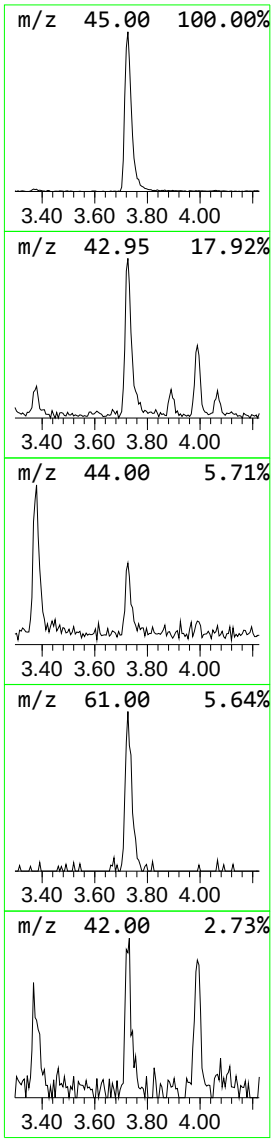
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.726	8.05 ng/ul	256102	1,4-Dichlorobenzene-d4	8.056

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	32
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

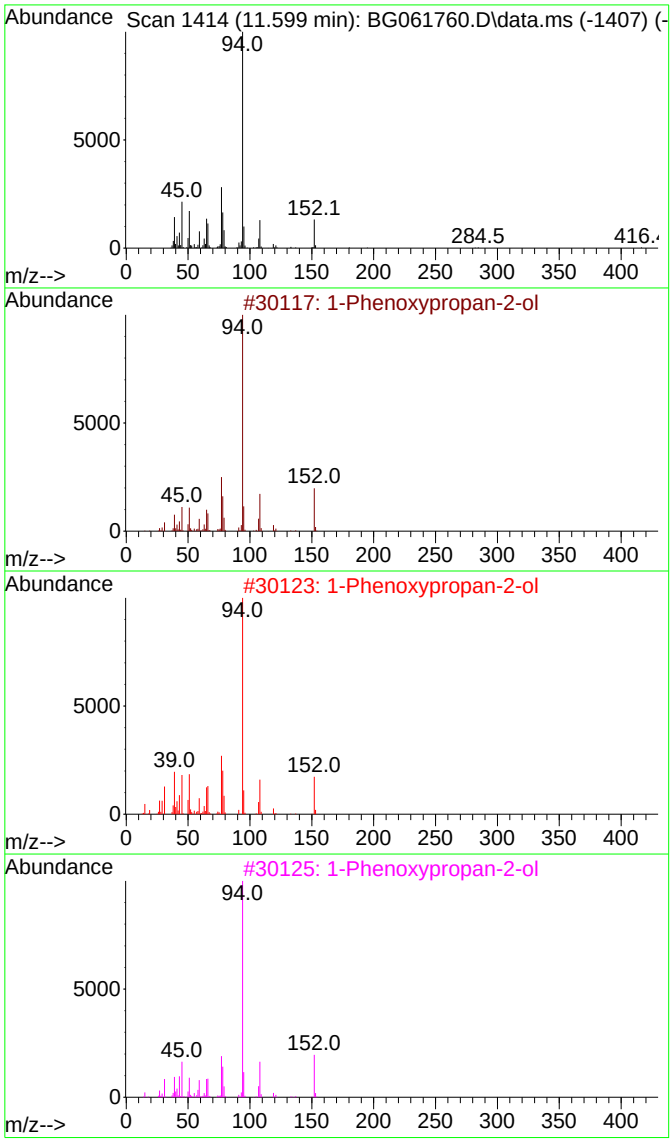
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

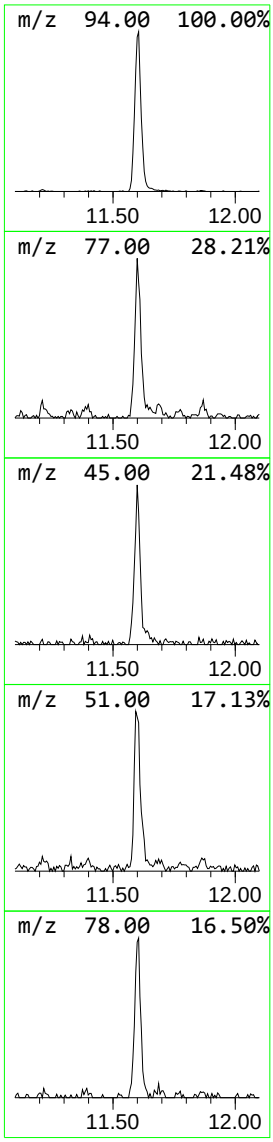
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.599	8.55 ng/ul	440394	Naphthalene-d8	10.864

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
5	Butanoic acid, 4-phenoxy-	180	C10H12O3	006303-58-8	53





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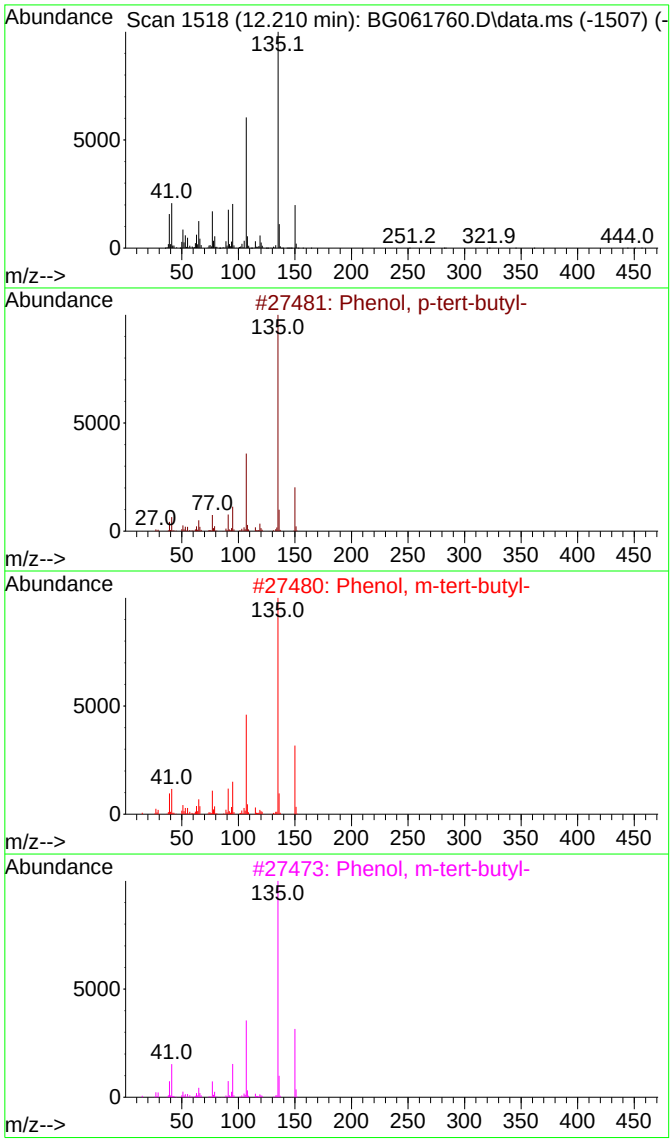
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

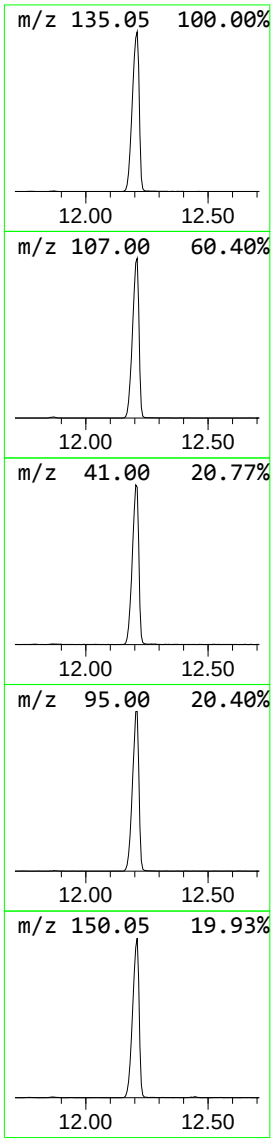
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	306.44 ng/ul	15788400	Naphthalene-d8	10.864

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	81





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Data File : BG061760.D
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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

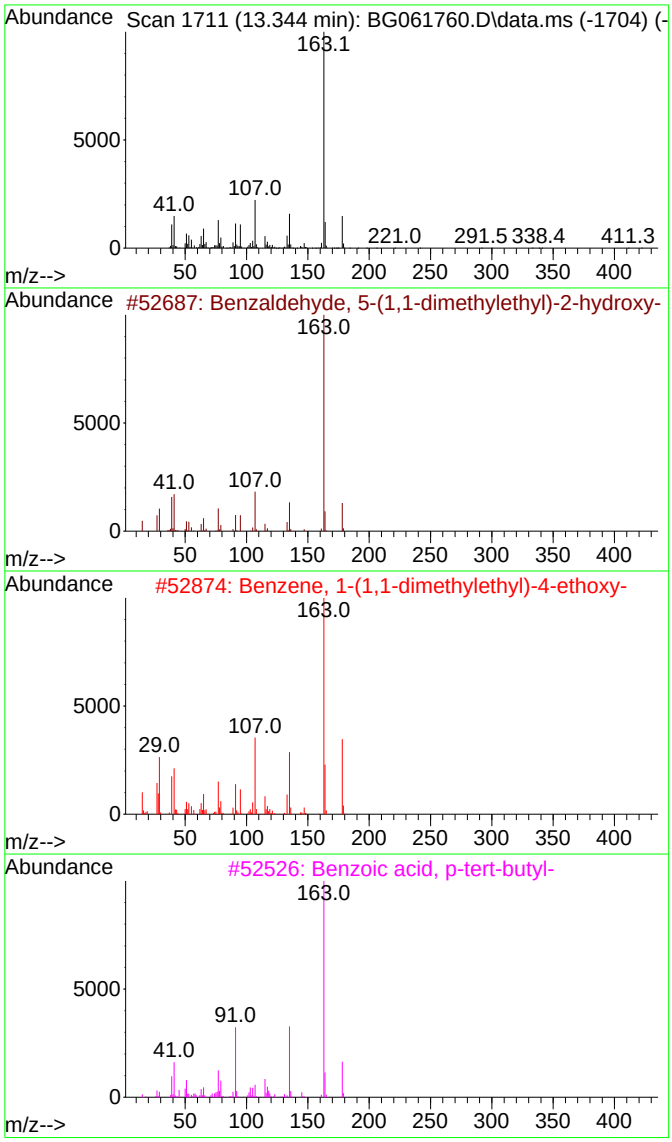
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

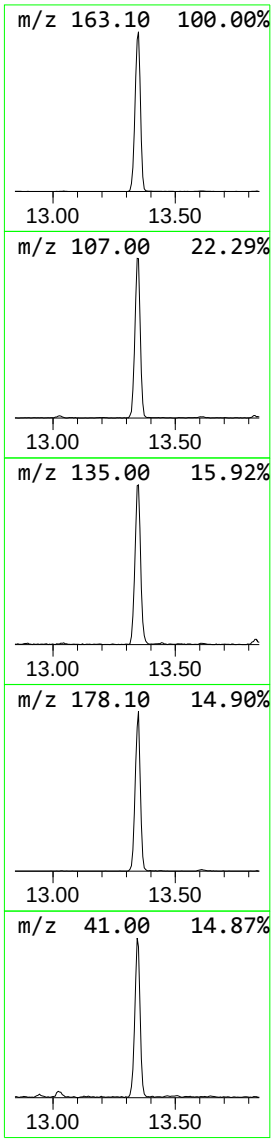
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 5-(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.344	50.58 ng/ul	4706440	Acenaphthene-d10	14.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	96
2	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	70
3	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	70
4	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	64
5	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

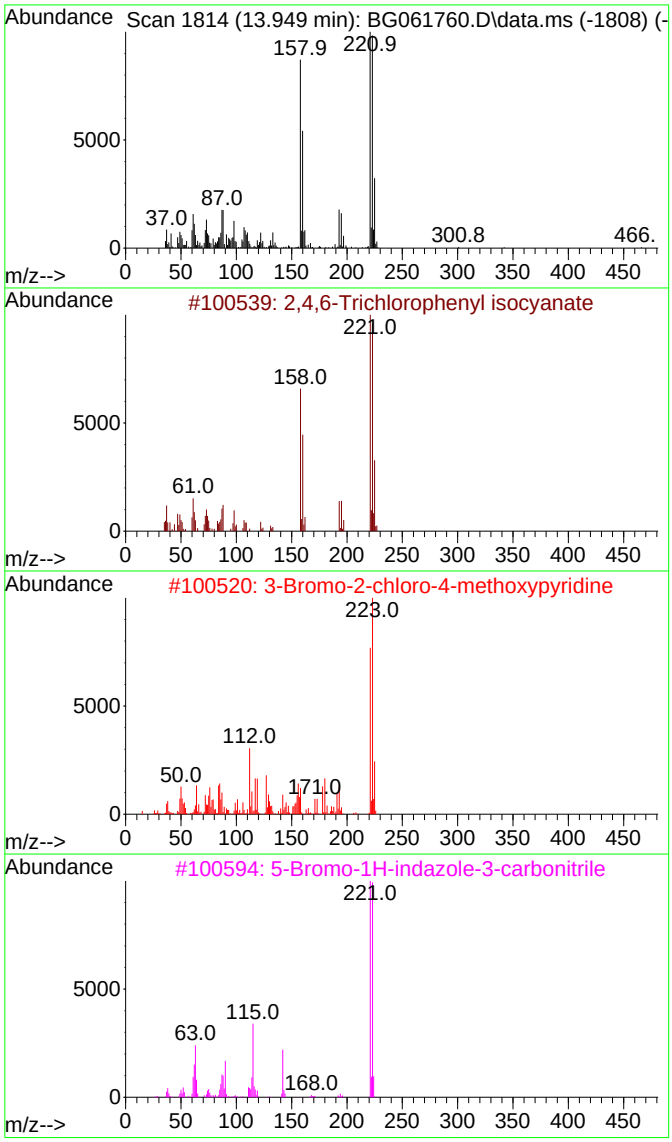
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

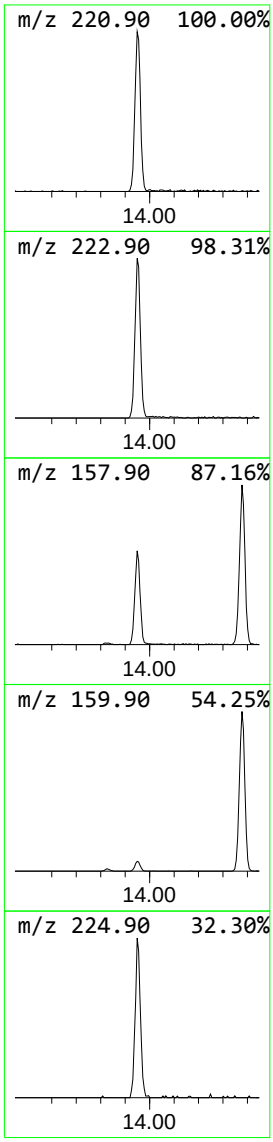
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,4,6-Trichlorophenyl isocy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.949	8.32 ng/ul	774341	Acenaphthene-d10	14.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trichlorophenyl isocyanate	221	C7H2Cl3NO	002505-31-9	94
2	3-Bromo-2-chloro-4-methoxypyridine	221	C6H5BrClNO	144584-29-2	46
3	5-Bromo-1H-indazole-3-carbonitrile	221	C8H4BrN3	201227-39-6	46
4	1-Naphthalenamine, 4-bromo-	221	C10H8BrN	002298-07-9	46
5	8-Bromonaphthalen-1-ylamine	221	C10H8BrN	062456-34-2	35





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

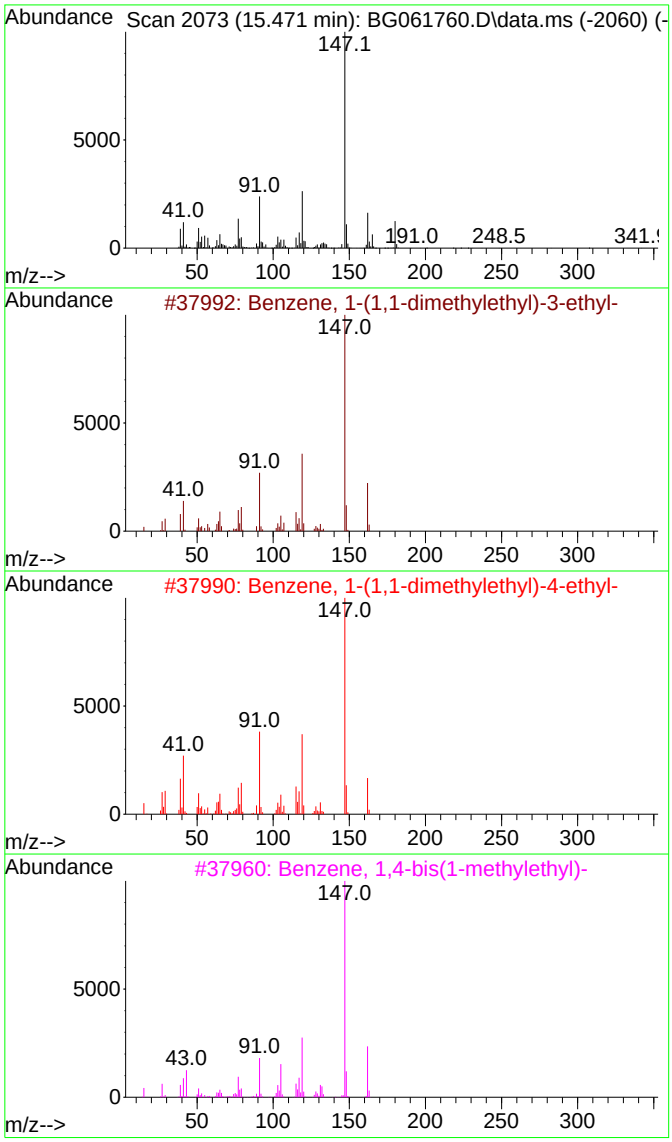
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

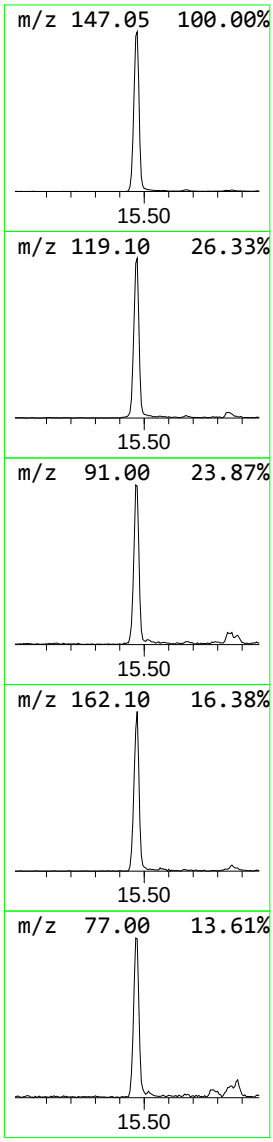
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-(1,1-dimethyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.471	34.25 ng/ul	3187600	Acenaphthene-d10	14.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	90
2	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	83
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	83
4	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	81
5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	74





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

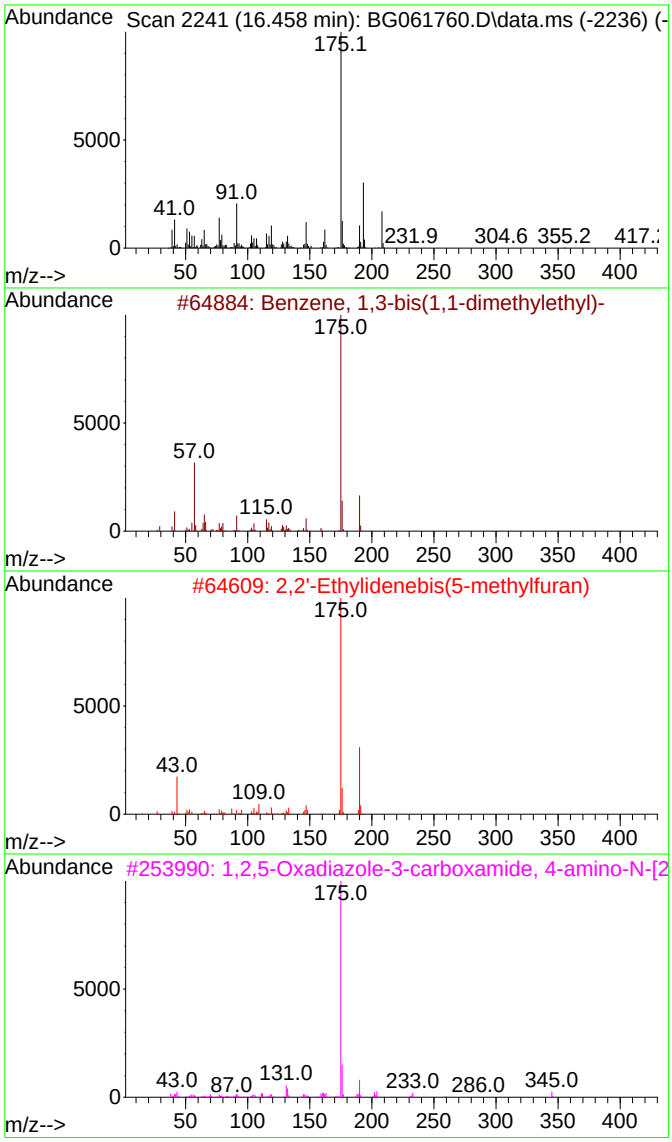
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

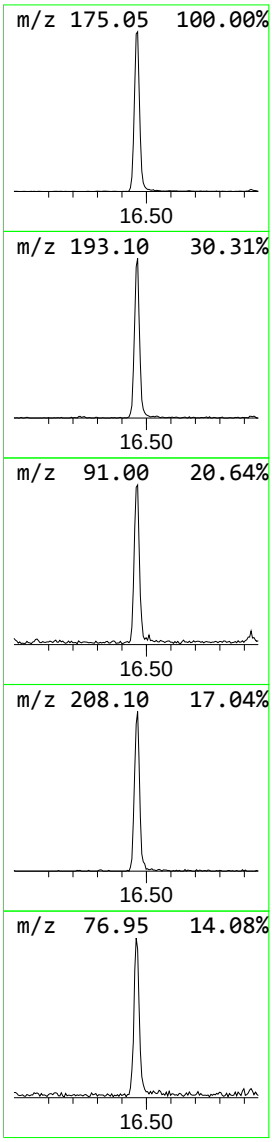
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.458	23.89 ng/ul	1697290	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
2	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	53
3	1,2,5-Oxadiazole-3-carboxamide, ...	345	C15H19N7O3	1010316-28-8	50
4	4-(Trifluoromethoxy)benzyl merca...	208	C8H7F3OS	175278-03-2	49
5	p-Pentylacetophenone	190	C13H18O	037593-02-5	47





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Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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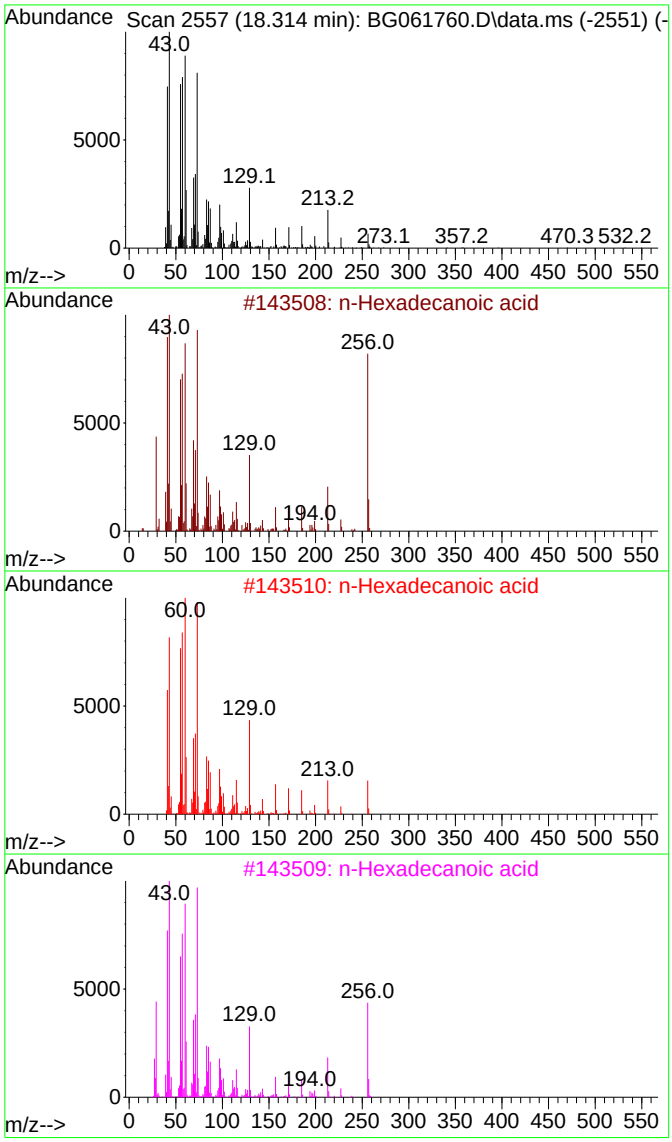
Quant Title : SVOA CALIBRATION

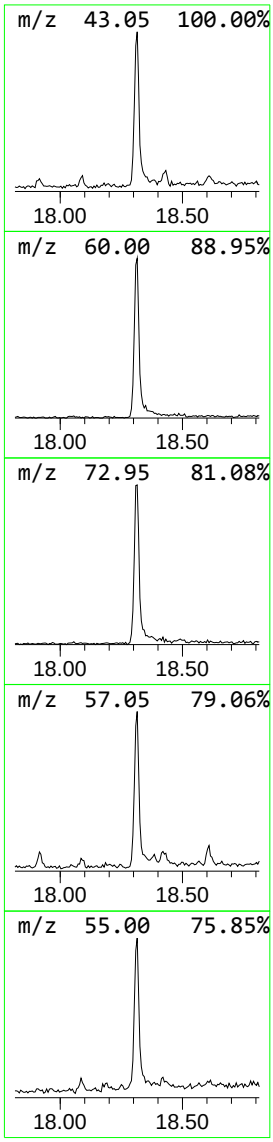
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.314	15.62 ng/ul	1109650	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Misc :
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Instrument :
BNA_G
ClientSampleId :
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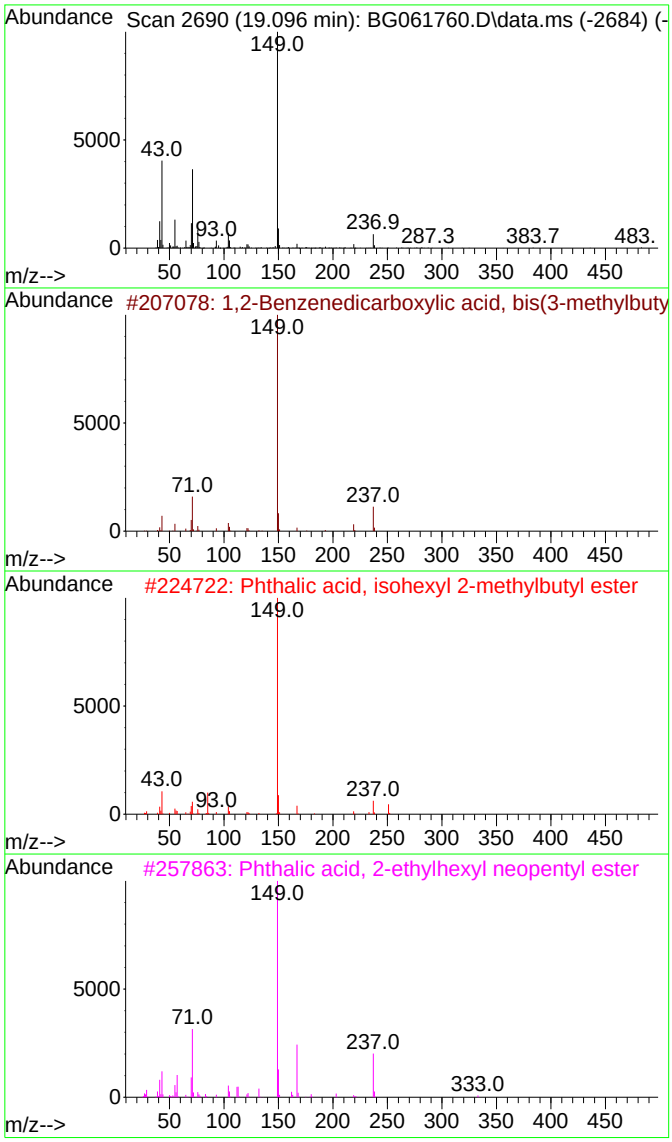
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

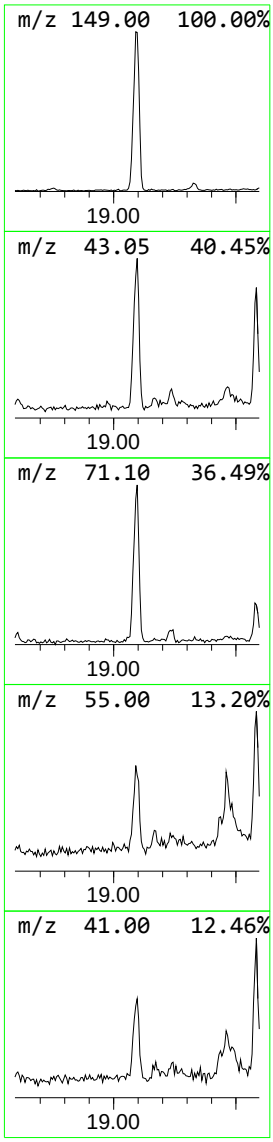
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,2-Benzenedicarboxylic aci... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.096	10.01 ng/ul	711476	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	306	C18H26O4	000605-50-5	83
2	Phthalic acid, isohexyl 2-methyl...	320	C19H28O4	1000322-81-3	78
3	Phthalic acid, 2-ethylhexyl neop...	348	C21H32O4	1000308-97-6	78
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	64
5	Phthalic acid, isohexyl pentyl e...	320	C19H28O4	1000308-95-8	59





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

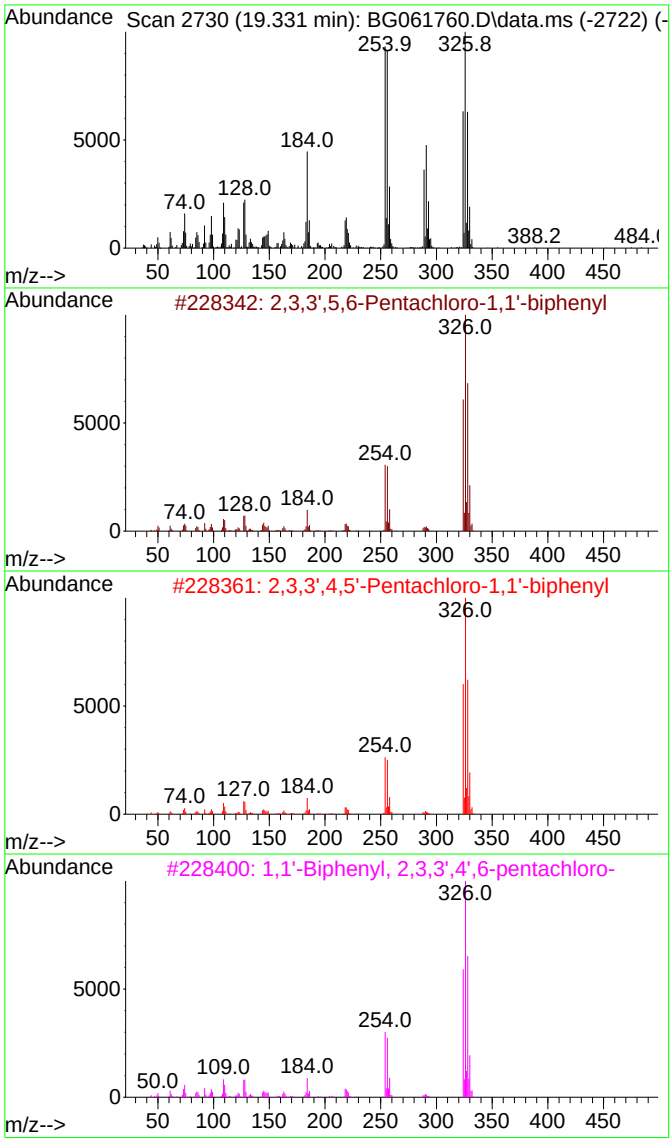
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

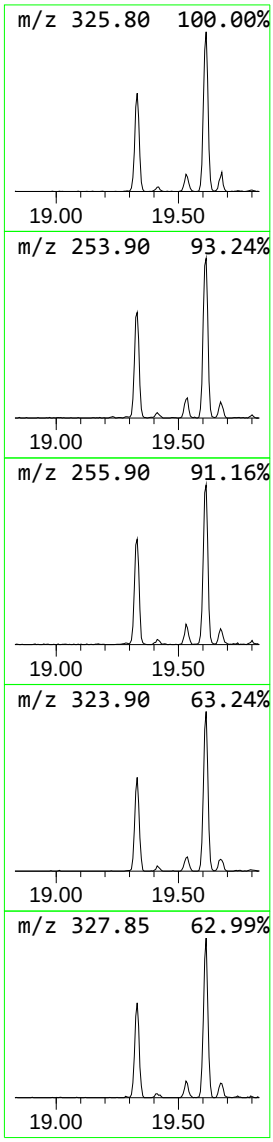
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.331	18.08 ng/ul	1284650	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

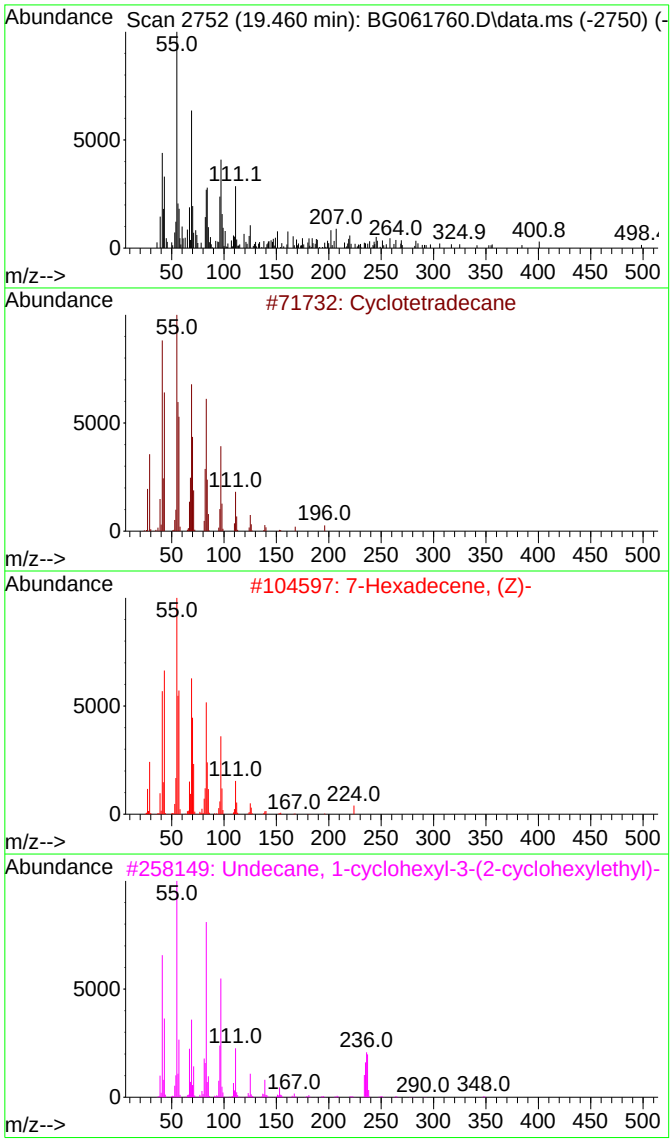
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

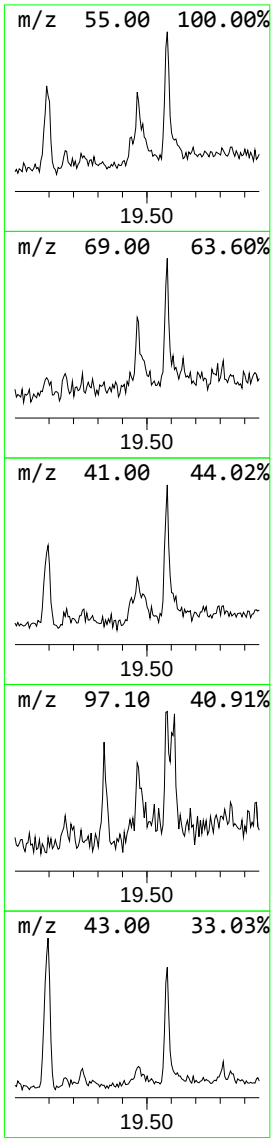
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic19.460 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.460	2.42 ng/ul	172138	Phenanthrene-d10	17.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	49
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	47
3	Undecane, 1-cyclohexyl-3-(2-cycl...	348	C25H48	007225-69-6	47
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	43
5	1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	38





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

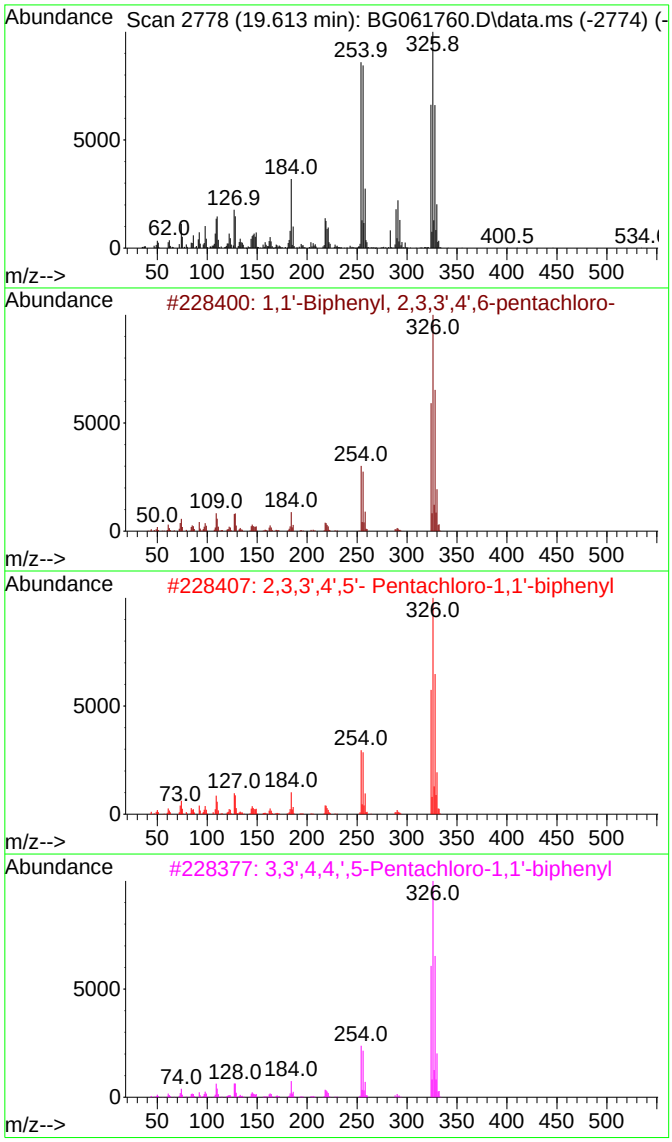
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

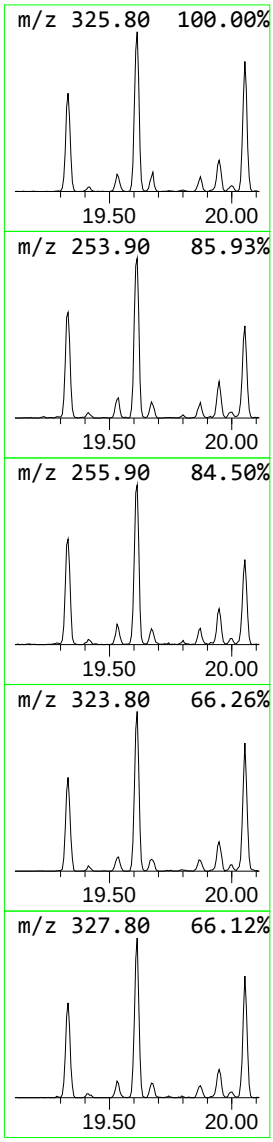
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.613	19.55 ng/ul	1807110	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

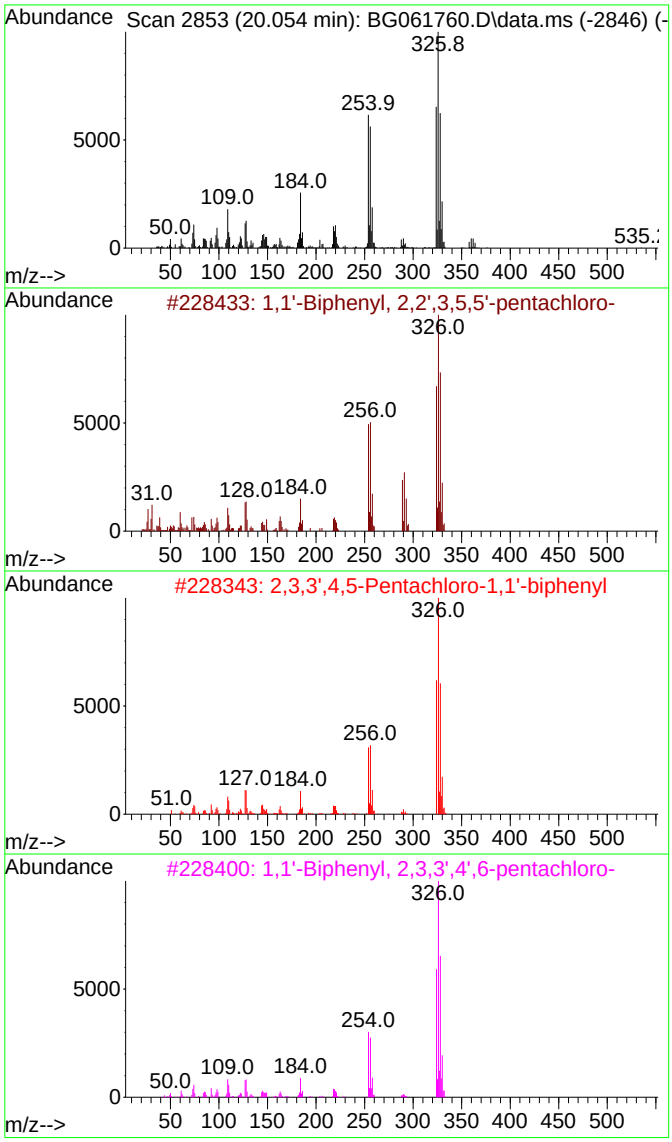
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

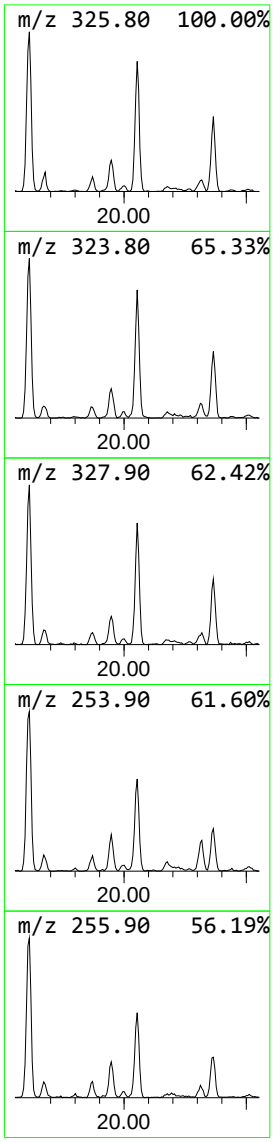
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.054	16.02 ng/ul	1480880	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





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Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

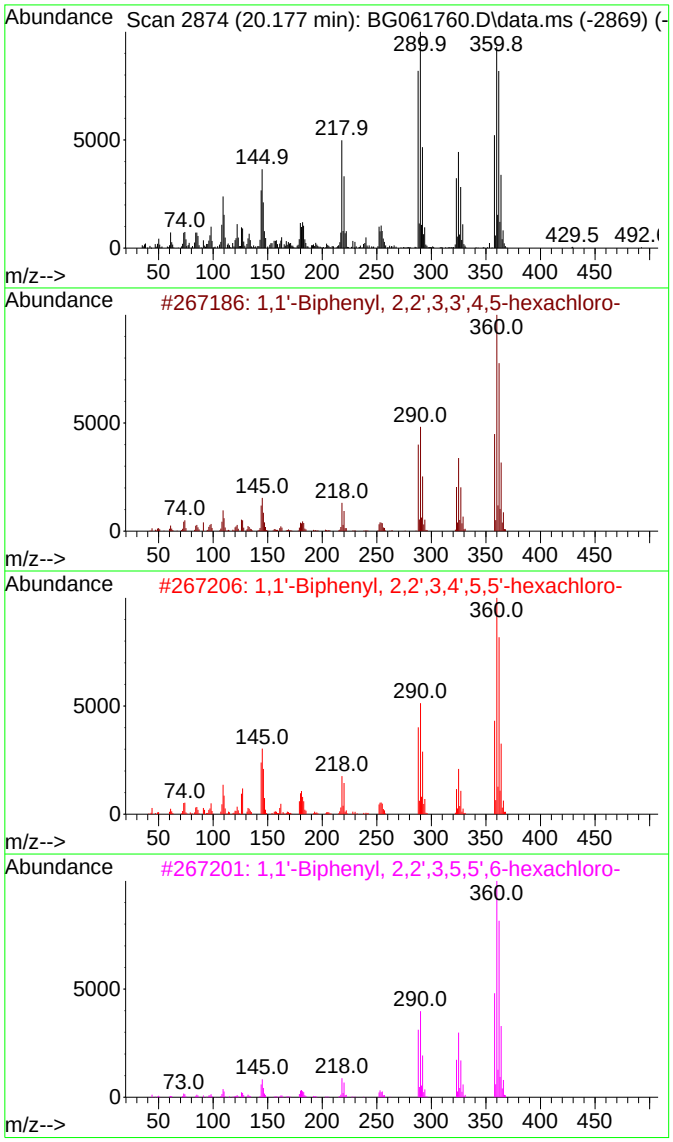
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

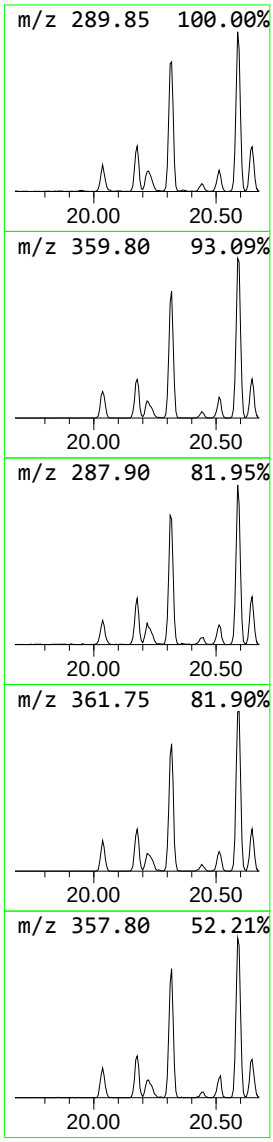
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.177	11.26 ng/ul	1040580	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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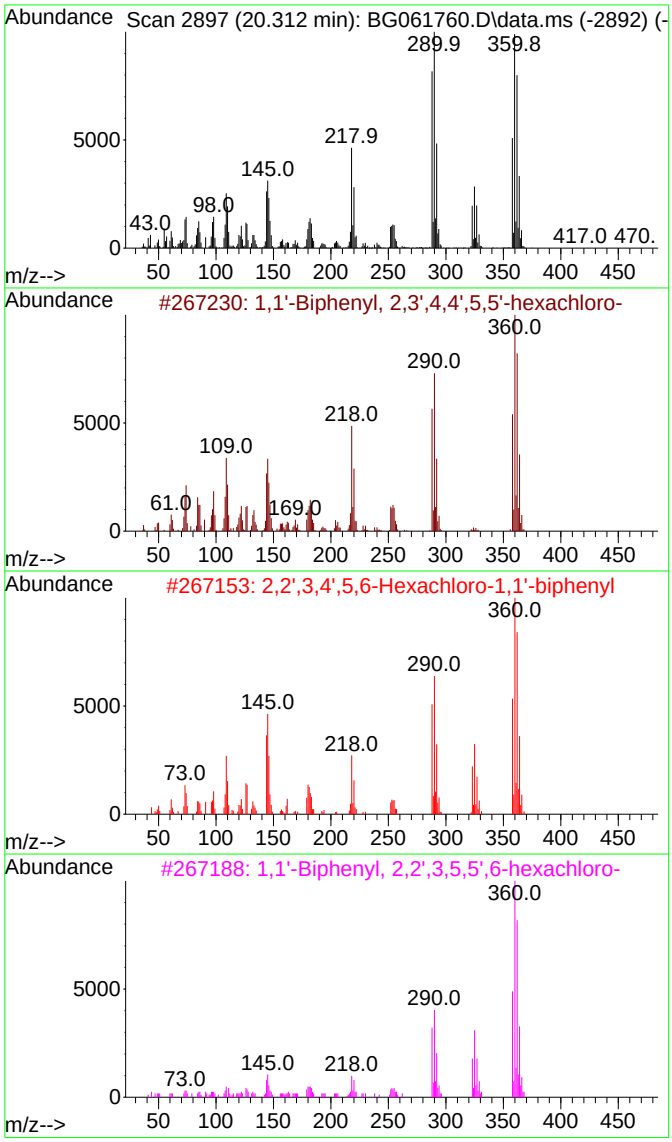
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

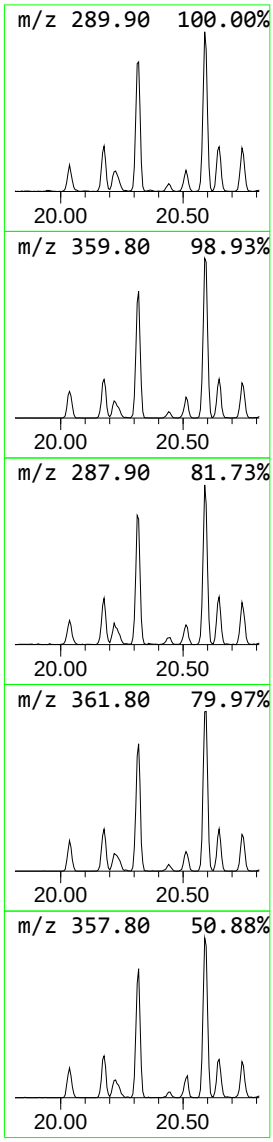
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.312	35.06 ng/ul	3239780	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





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Operator : MA/JU
Sample : P2899-12
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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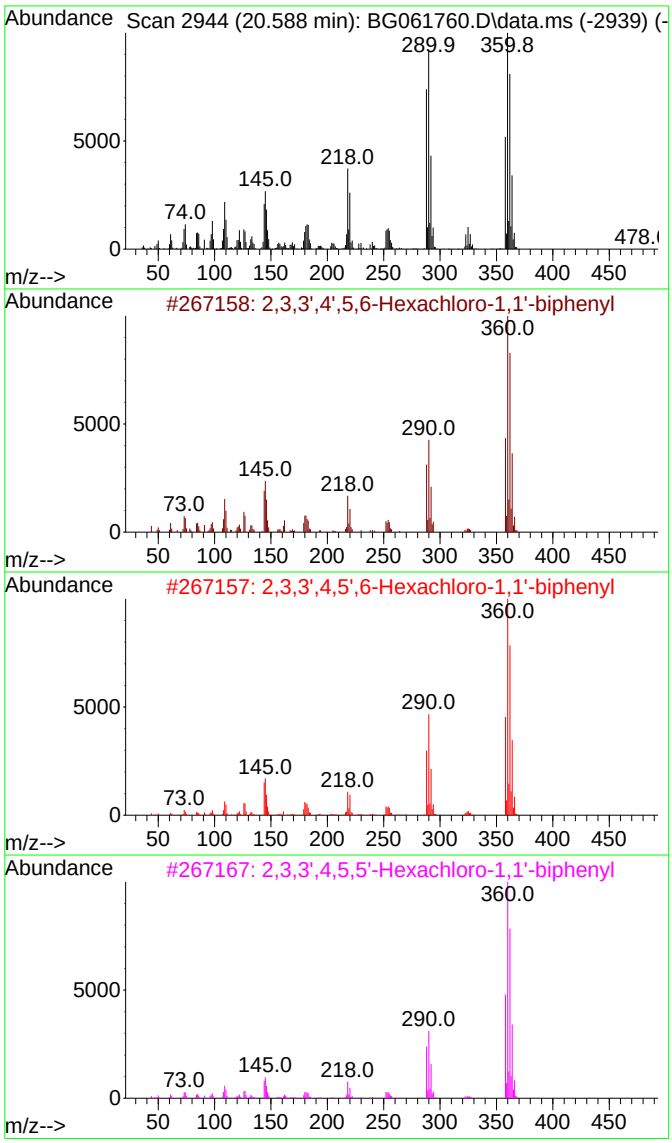
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

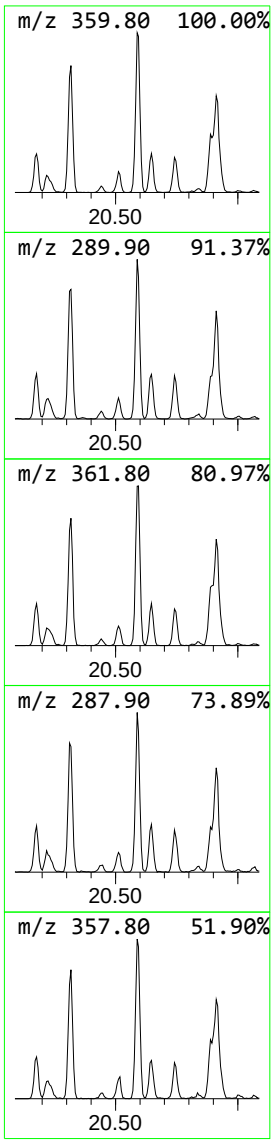
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.588	36.46 ng/ul	3369140	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

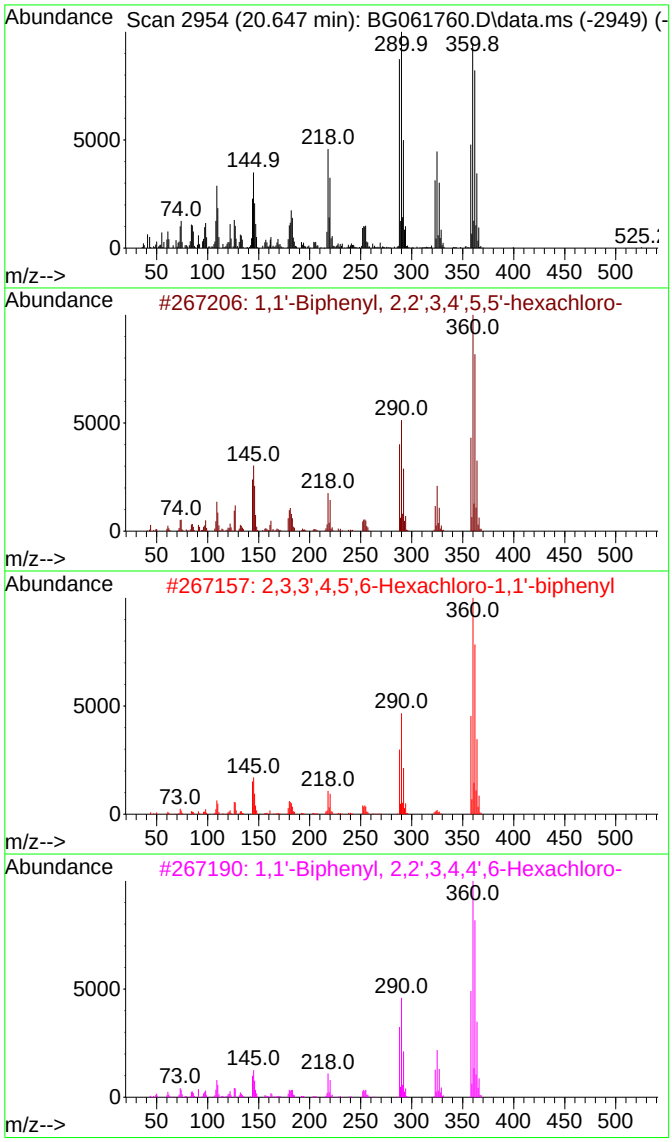
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

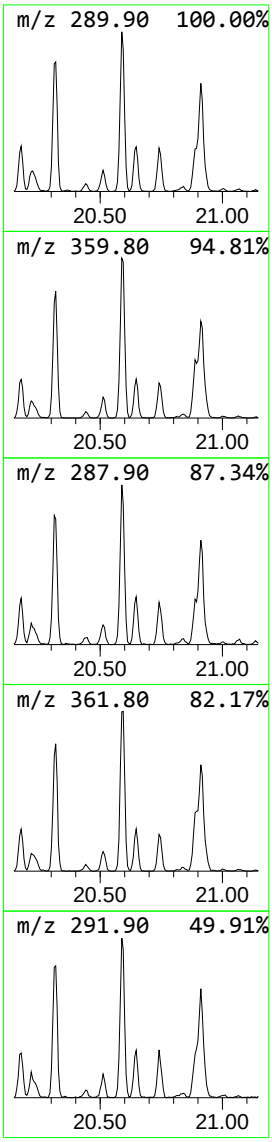
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.647	12.15 ng/ul	1122900	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

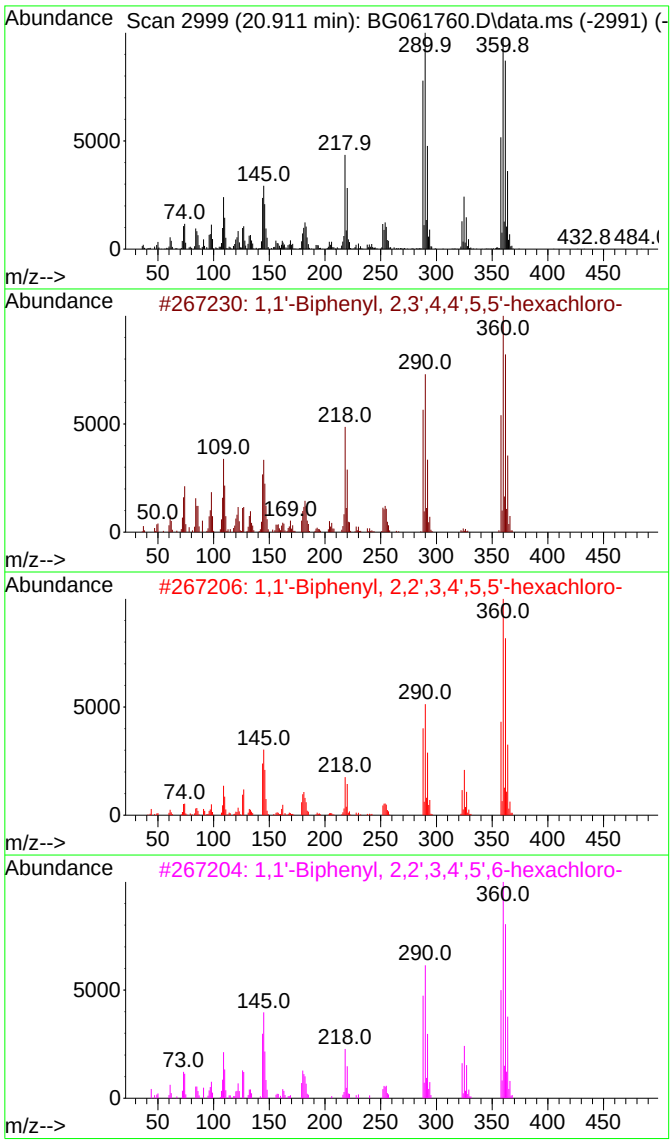
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

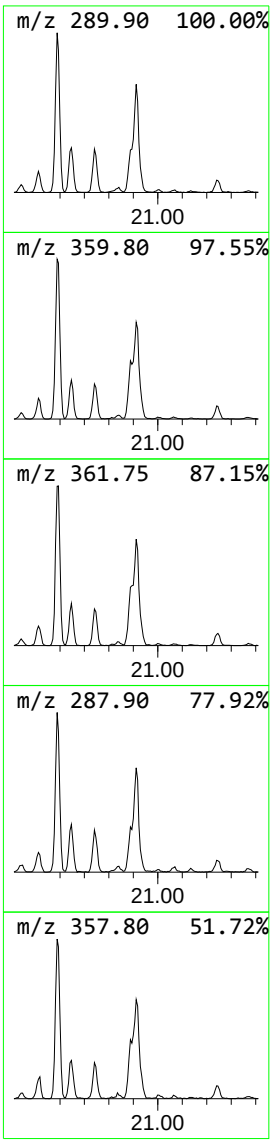
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.911	38.63 ng/ul	3570220	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

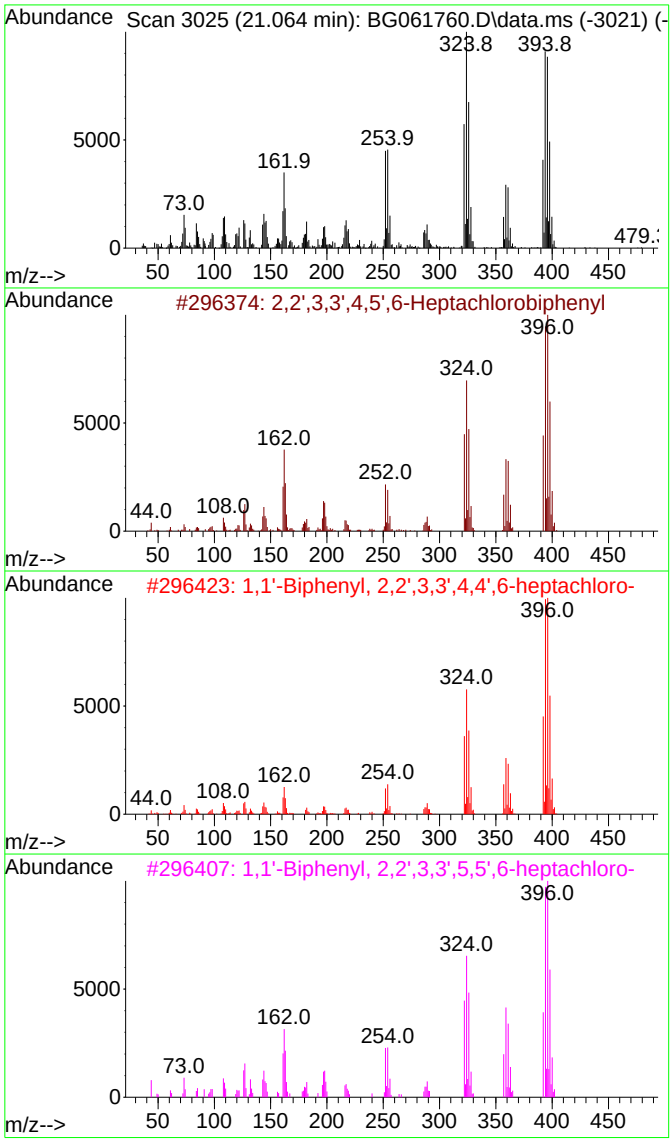
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

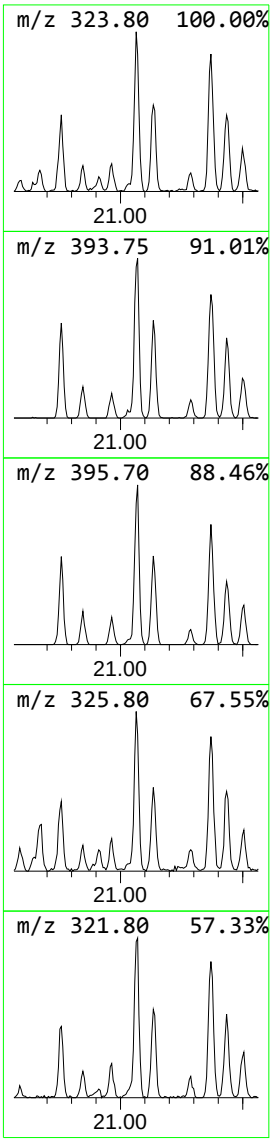
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.064	13.86 ng/ul	1280490	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

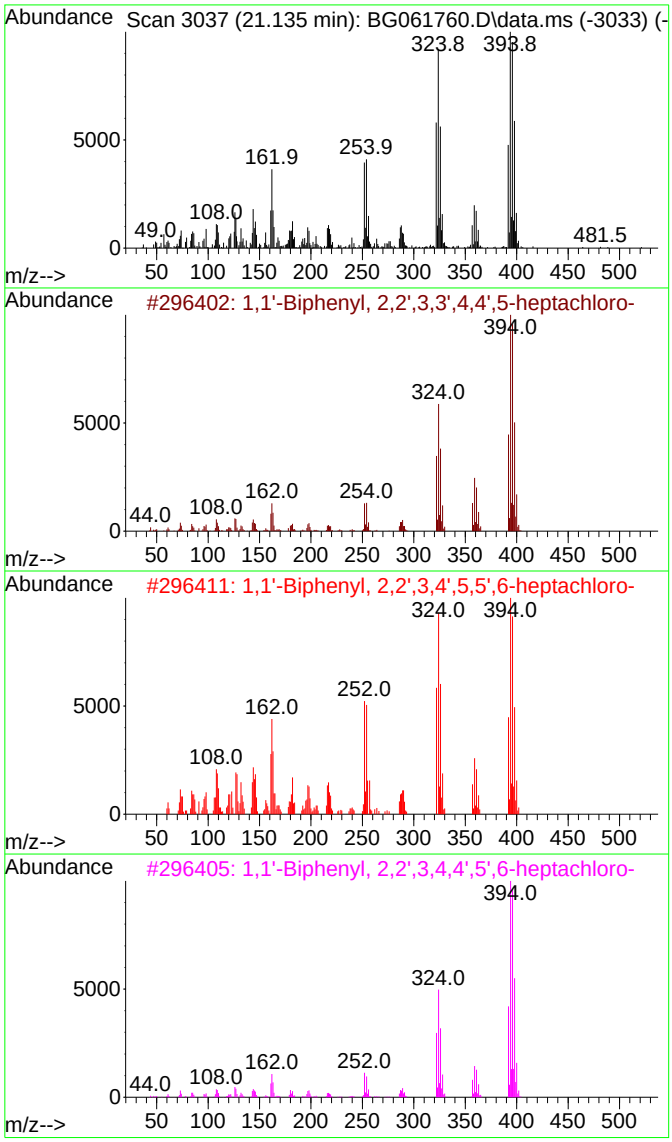
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

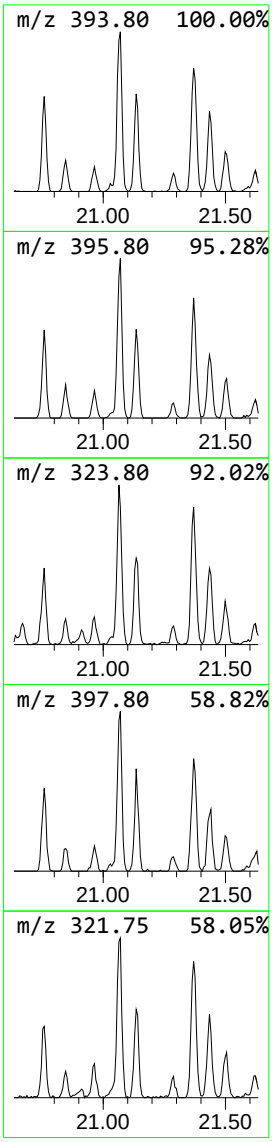
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.135	7.23 ng/ul	668062	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99





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Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

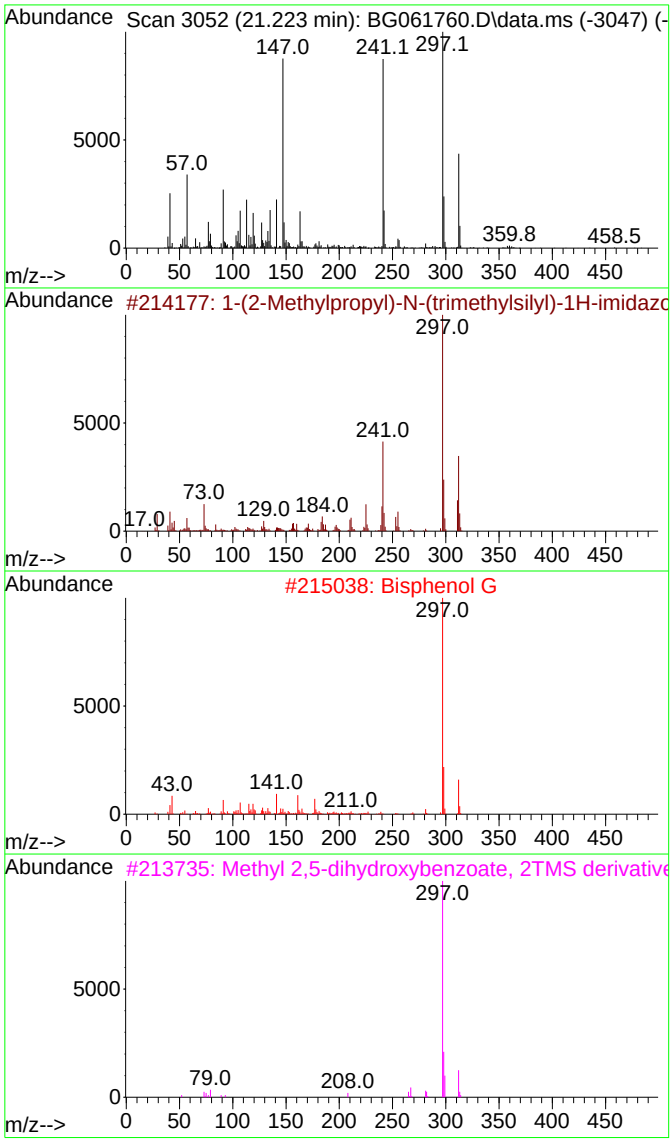
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

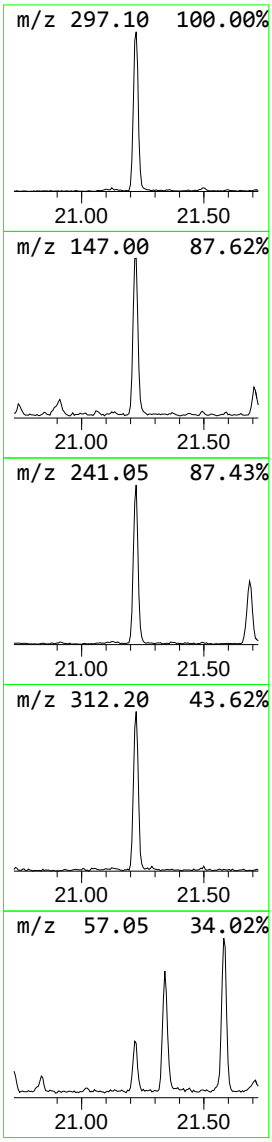
****

Peak Number 42 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.223	22.78 ng/ul	2104880	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methylpropyl)-N-(trimethyls...	312	C17H24N4Si	1000408-28-9	46
2	Bisphenol G	312	C21H28O2	000127-54-8	38
3	Methyl 2,5-dihydroxybenzoate, 2T...	312	C14H24O4Si2	027798-56-7	27
4	Emodin trimethyl ether	312	C18H16O5	1000506-11-3	27
5	2-(2-Oxo-2-(2,4,5-trimethylpheny...	312	C19H20O4	1000332-37-7	14





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

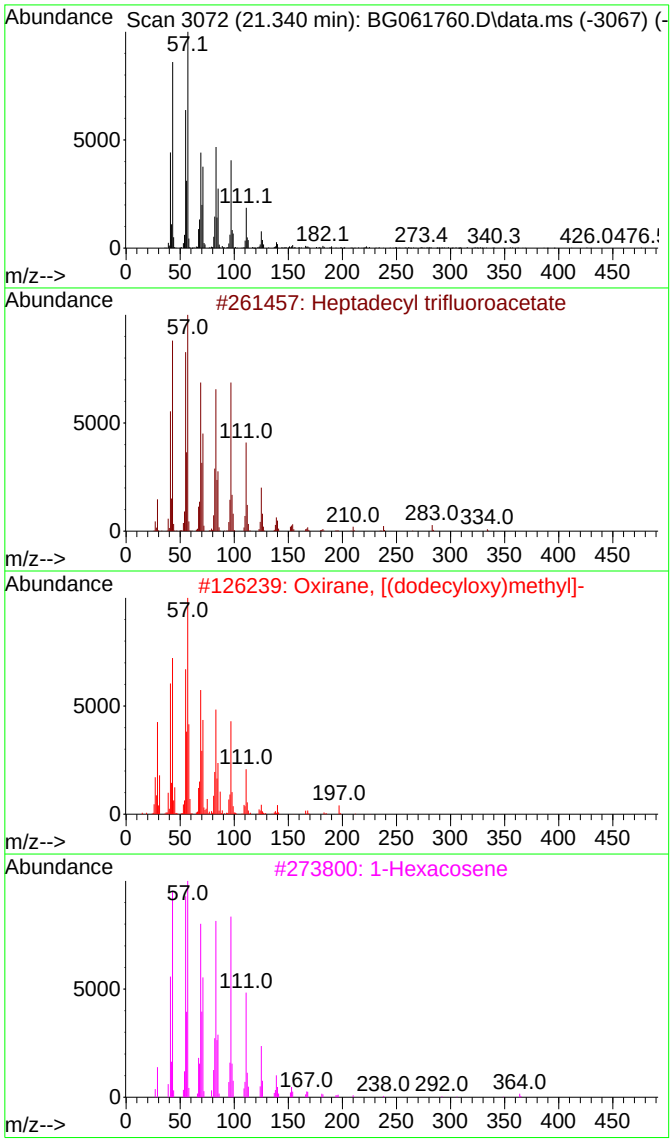
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

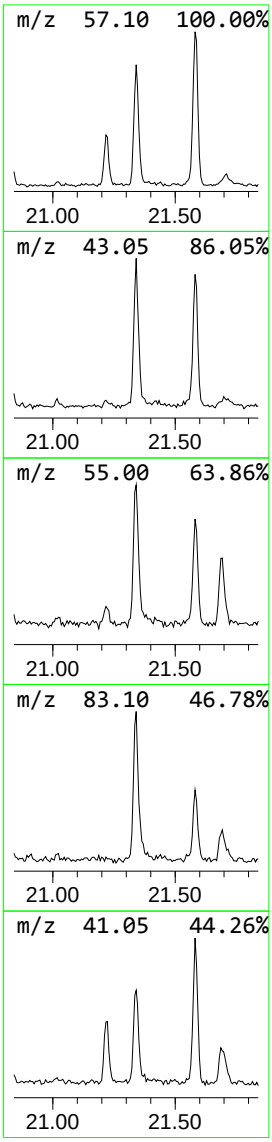
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Heptadecyl trifluoroacetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.340	14.06 ng/ul	1299330	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	87
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	87
3	1-Hexacosene	364	C26H52	018835-33-1	87
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

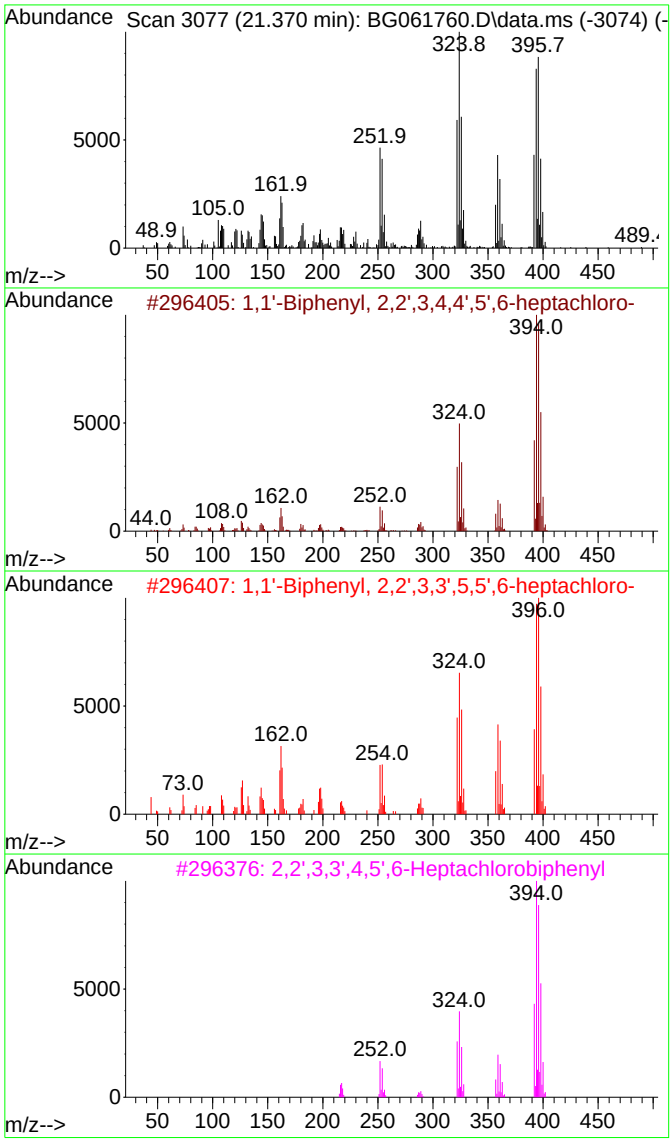
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

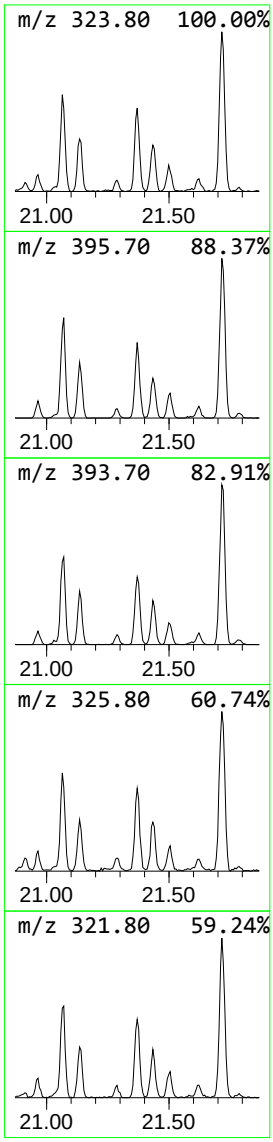
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	12.79 ng/ul	1181740	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
2	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





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Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

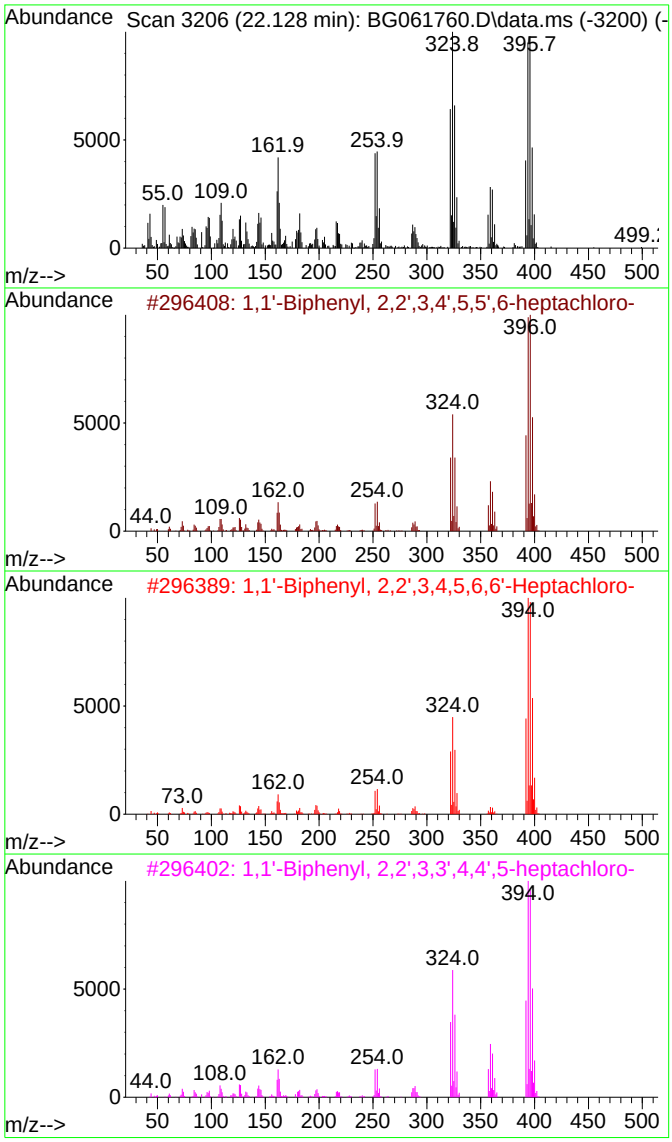
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

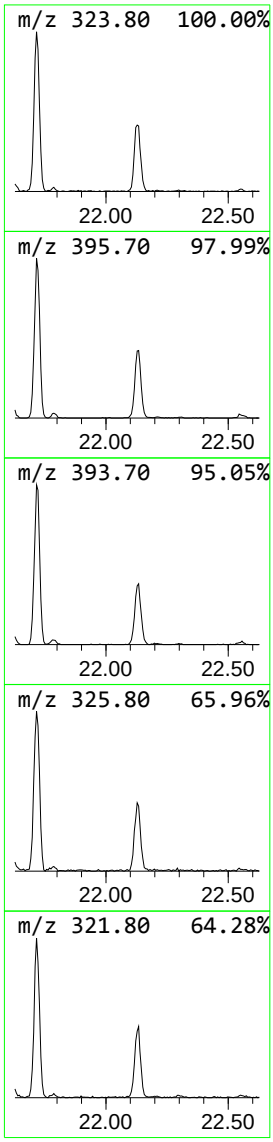
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.128	14.00 ng/ul	1294190	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

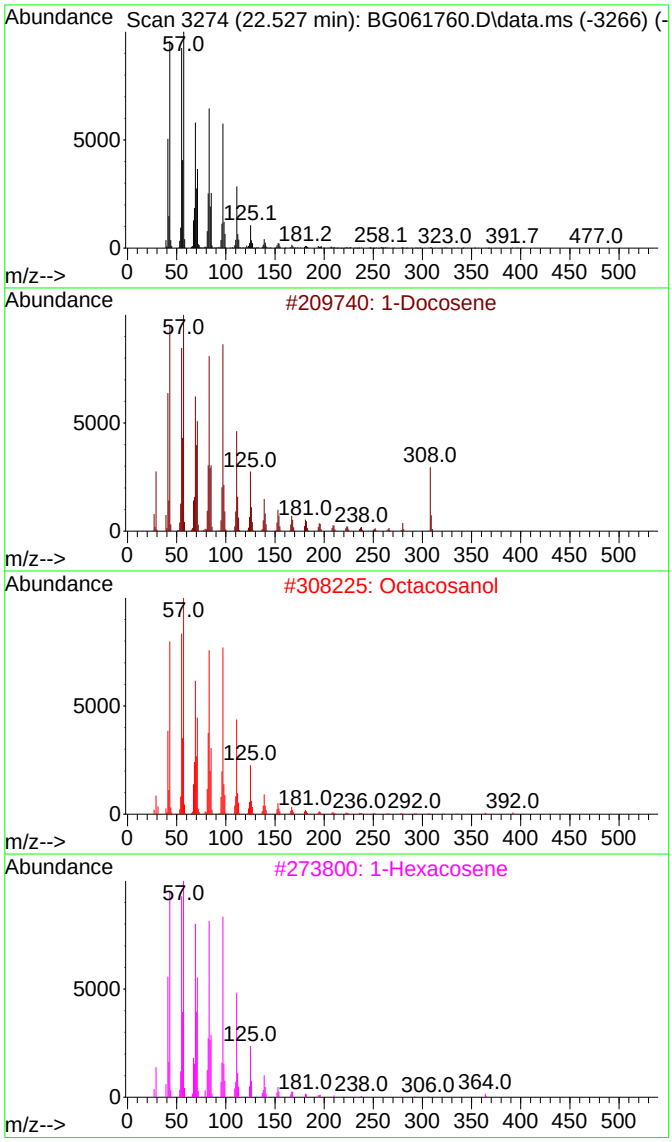
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

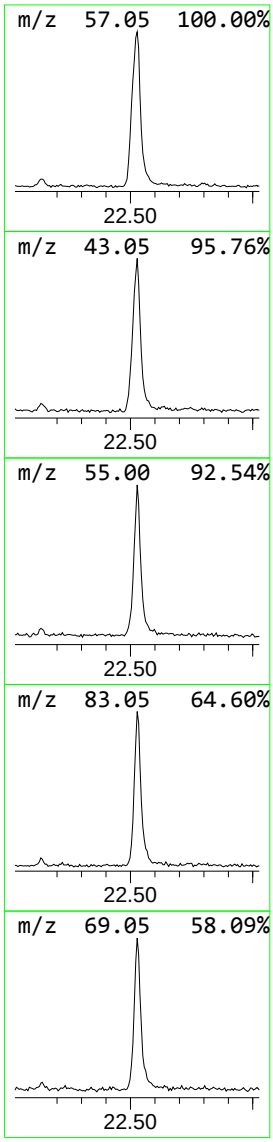
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.527	41.36 ng/ul	3822150	Chrysene-d12	21.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Octacosanol	410	C28H58O	000557-61-9	91
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

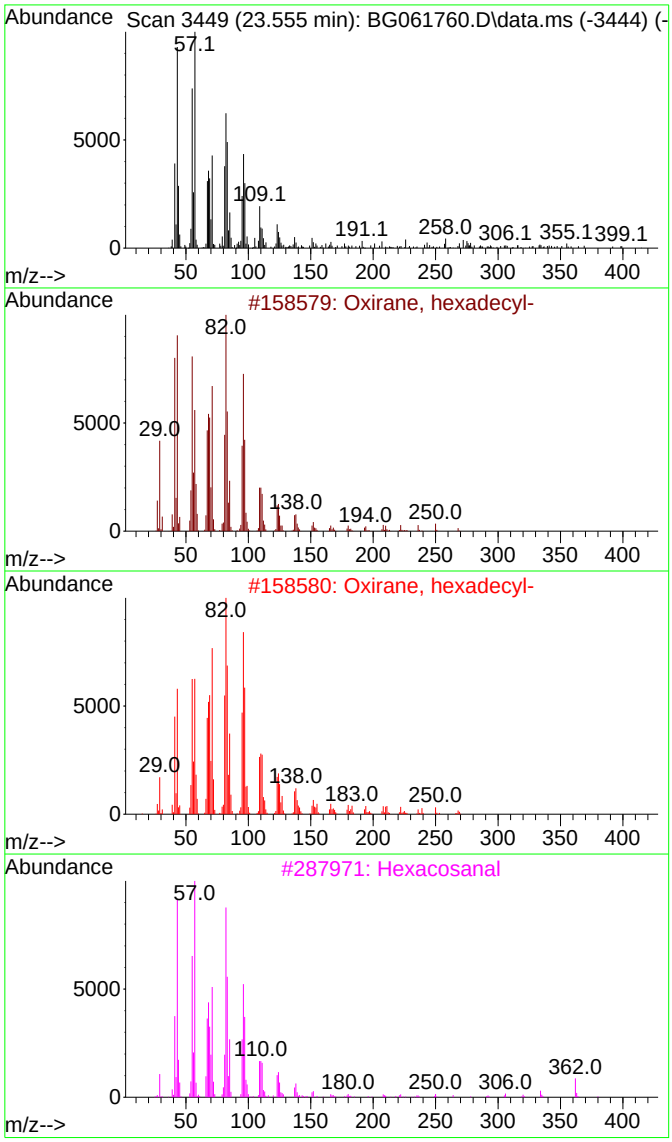
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

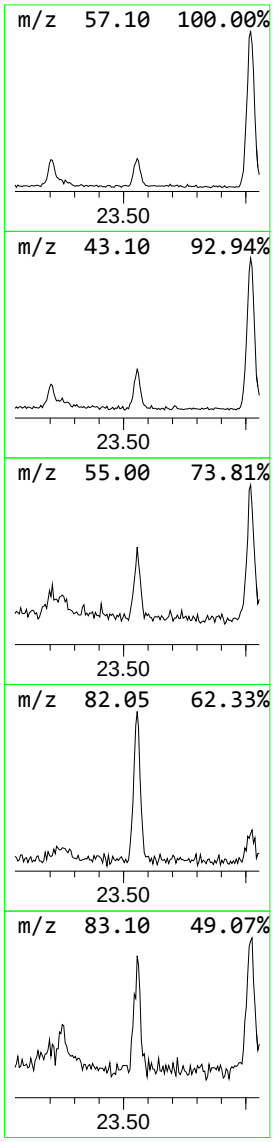
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Oxirane, hexadecyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.555	8.70 ng/ul	551890	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	Hexacosanal	380	C26H52O	026627-85-0	74
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
5	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	68





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Sample : P2899-12
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ClientSampleId :
C0AB4

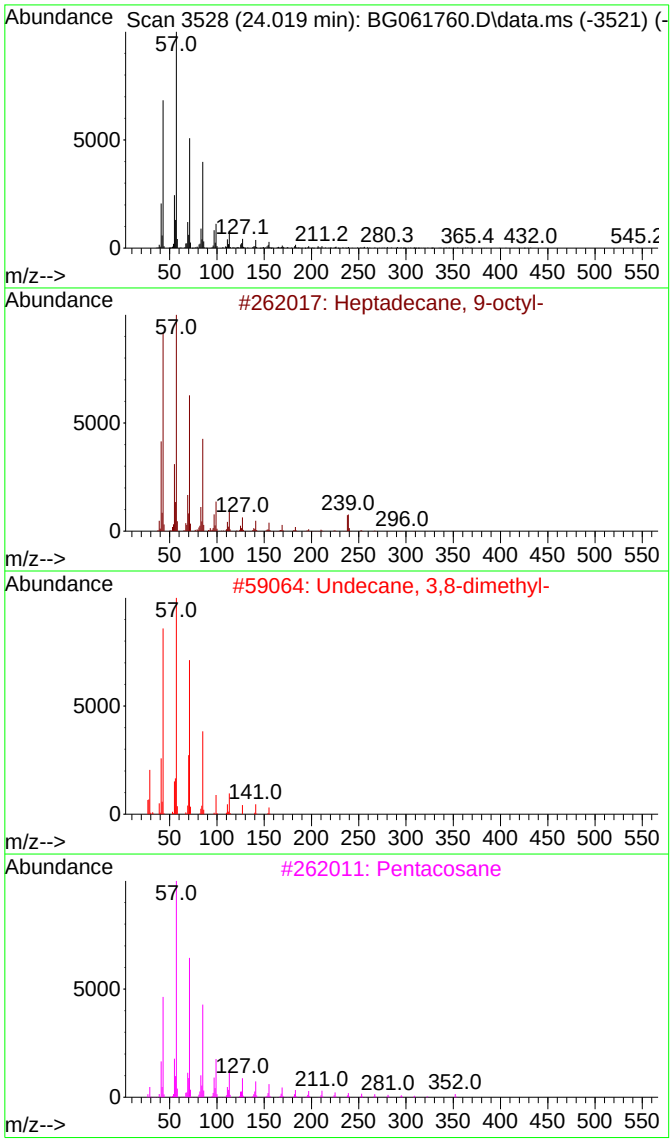
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

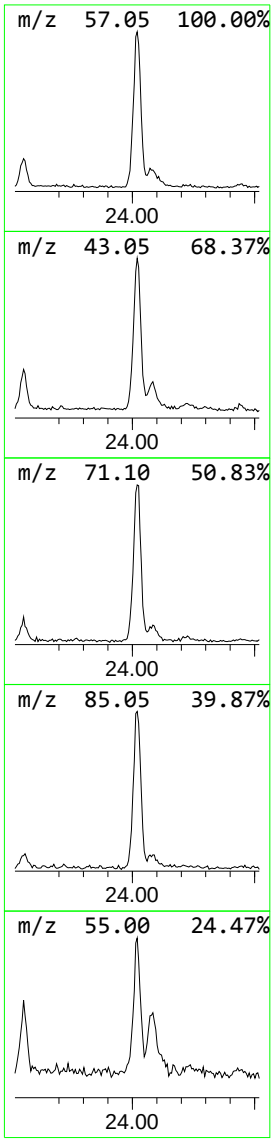
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.020	25.86 ng/ul	1641510	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

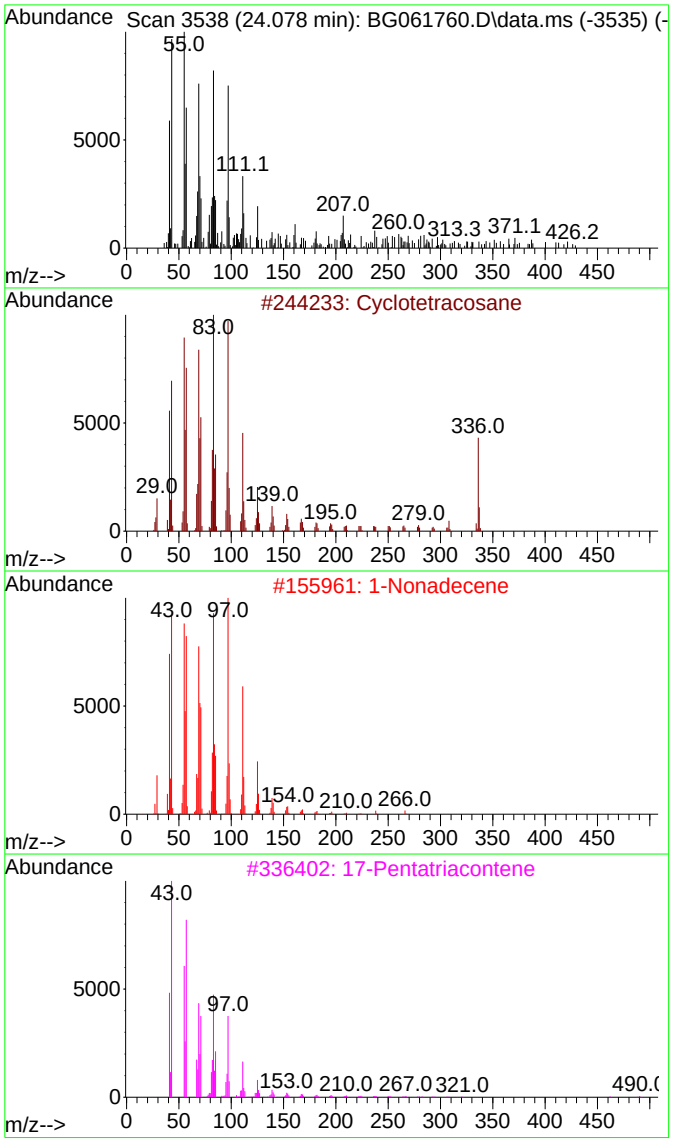
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

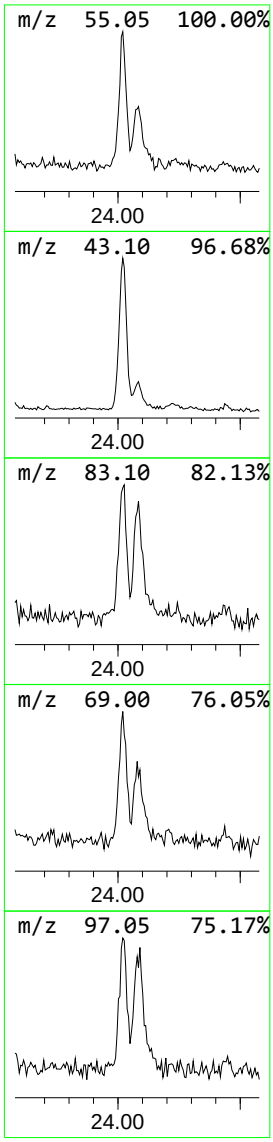
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic24.078 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.078	7.80 ng/ul	494917	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Cetene	224	C16H32	000629-73-2	86
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86





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Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

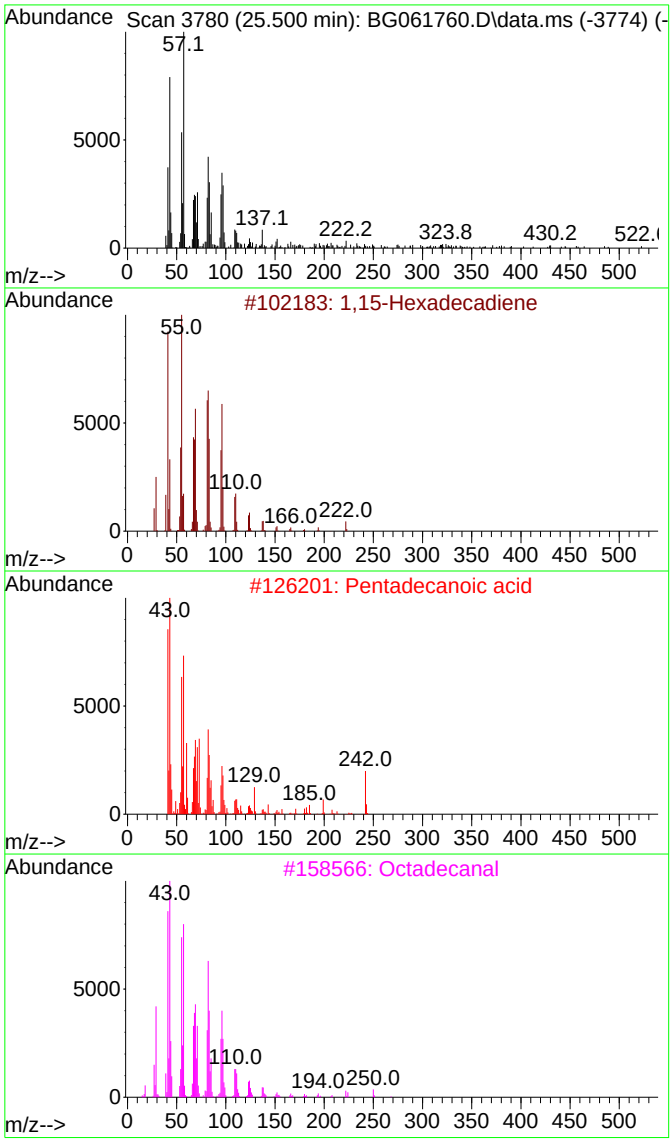
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

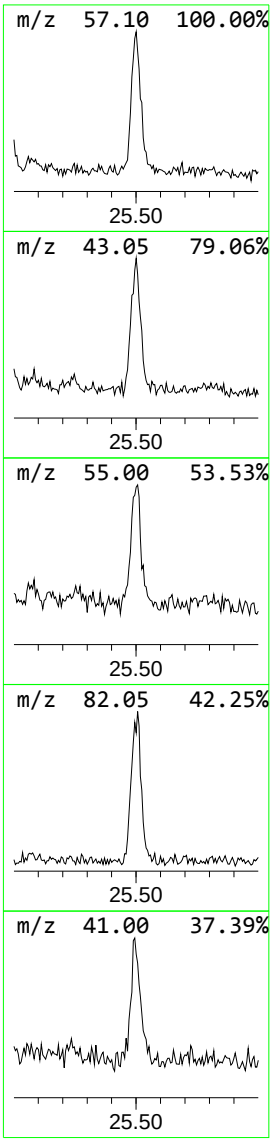
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 1,15-Hexadecadiene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.500	10.32 ng/ul	654874	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,15-Hexadecadiene	222	C16H30	021964-51-2	70
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Octadecanal	268	C18H36O	000638-66-4	58
4	Pentadecanal-	226	C15H30O	002765-11-9	58
5	Tetracosanal	352	C24H48O	057866-08-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

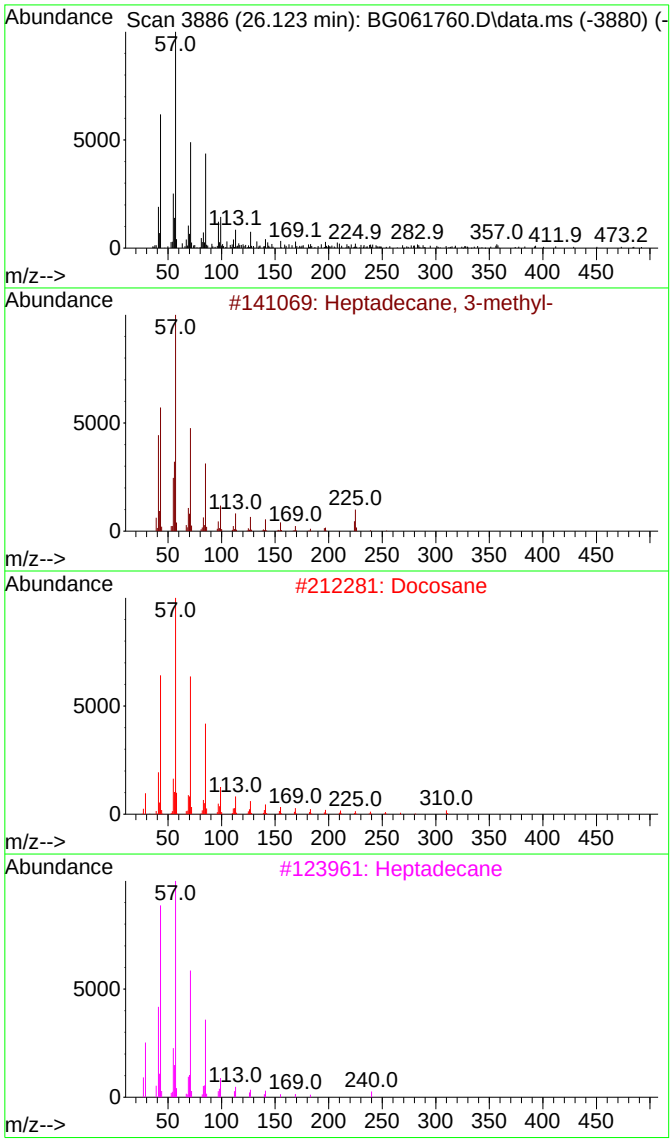
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

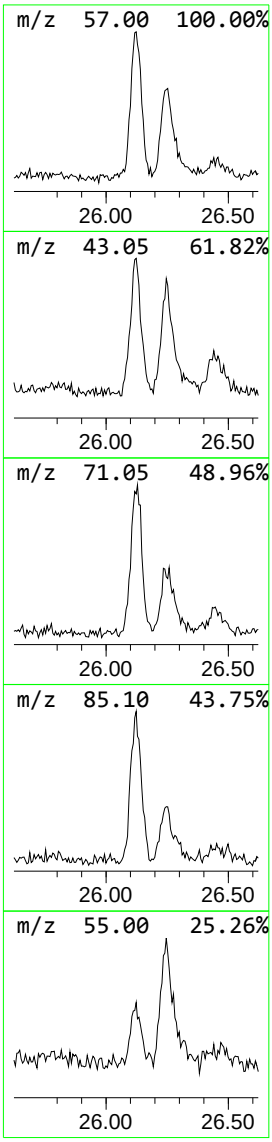
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.123	7.24 ng/ul	459328	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	83
2	Docosane	310	C22H46	000629-97-0	80
3	Heptadecane	240	C17H36	000629-78-7	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Tetracosane	338	C24H50	000646-31-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

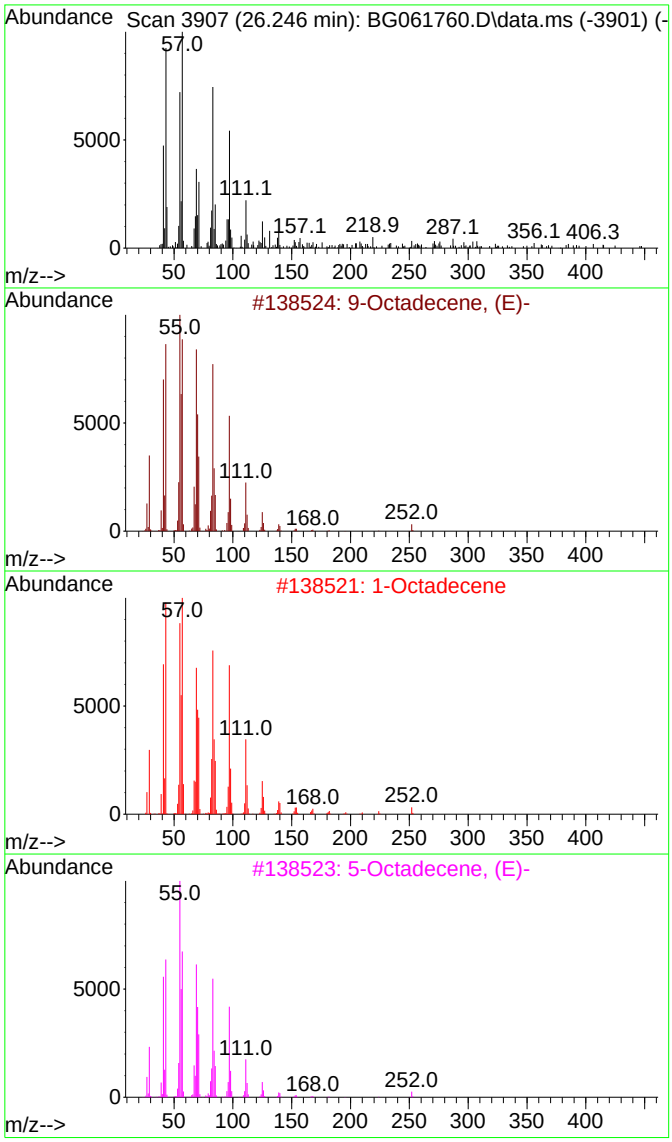
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

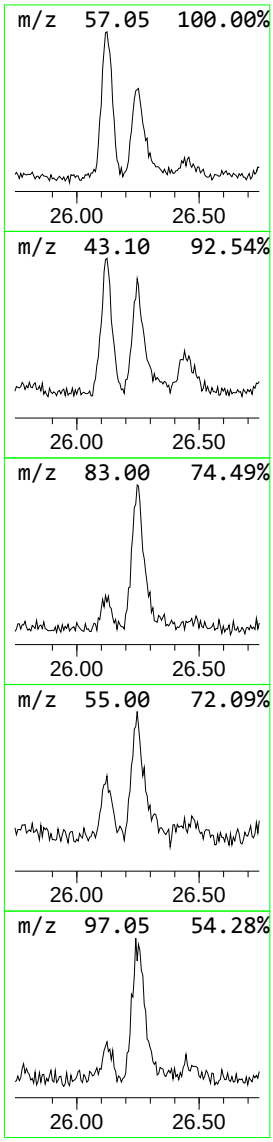
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.246	10.88 ng/ul	690651	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
2	1-Octadecene	252	C18H36	000112-88-9	90
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
4	Nonacosan-10-ol	424	C29H60O	000504-55-2	87
5	Nonacos-1-ene	406	C29H58	018835-35-3	83





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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

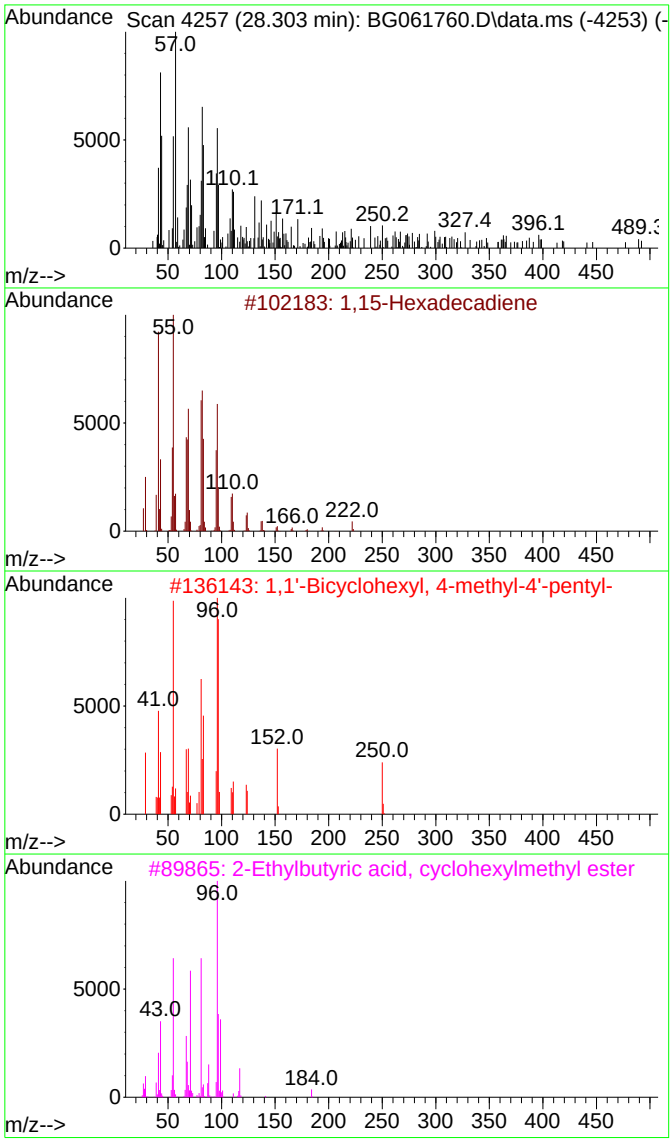
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

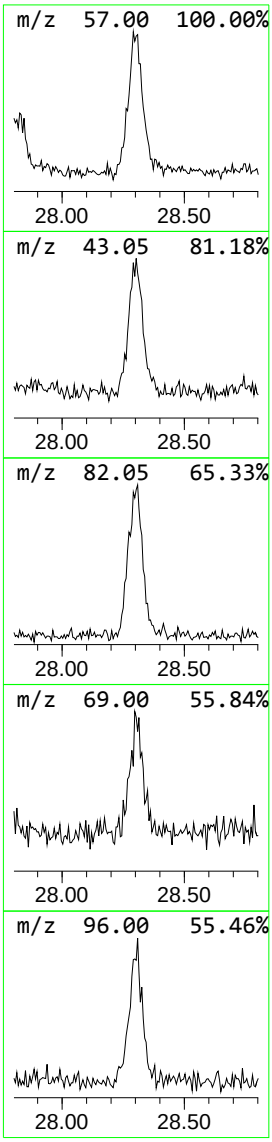
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.303	8.08 ng/ul	512565	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,15-Hexadecadiene	222	C16H30	021964-51-2	38
2	1,1'-Bicyclohexyl, 4-methyl-4'-p...	250	C18H34	092263-42-8	27
3	2-Ethylbutyric acid, cyclohexylm...	212	C13H24O2	1000357-75-2	27
4	N,N-Diethyl-3-((2R,5S)-7-((1-met...	362	C20H34N4O2	1000483-83-2	27
5	1,19-Eicosadiene	278	C20H38	014811-95-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
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Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

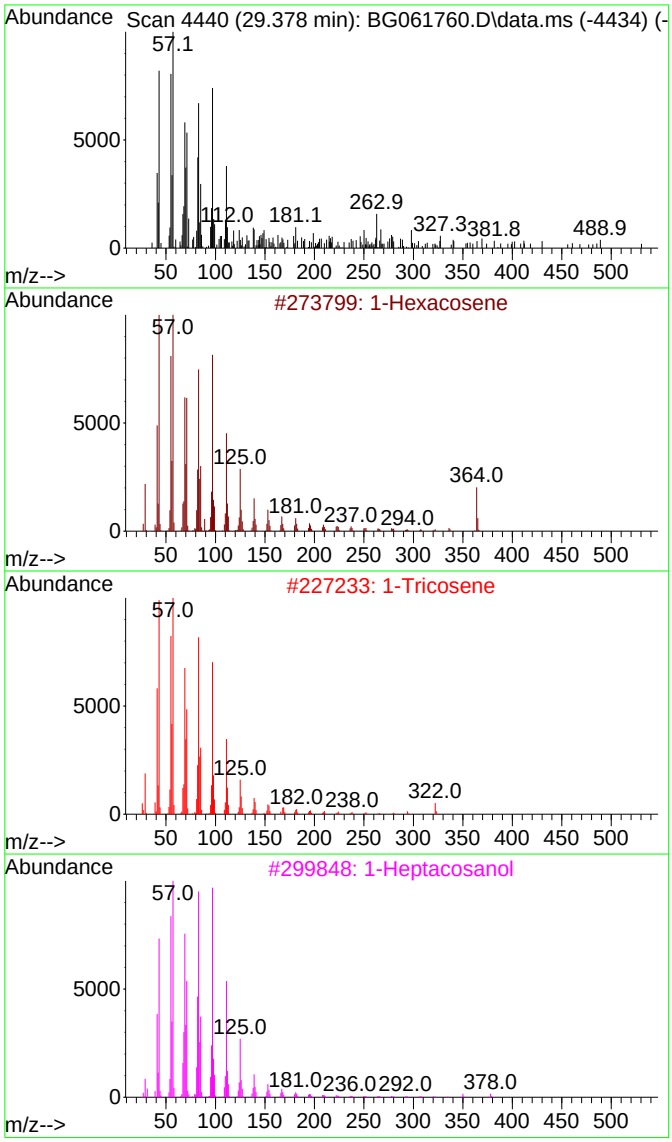
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

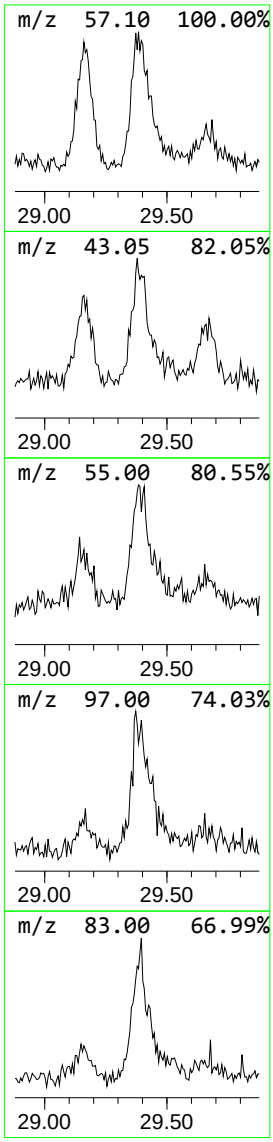
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.378	3.41 ng/ul	216656	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	1-Tricosene	322	C23H46	018835-32-0	92
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Triacontyl acetate	480	C32H64O2	041755-58-2	87
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

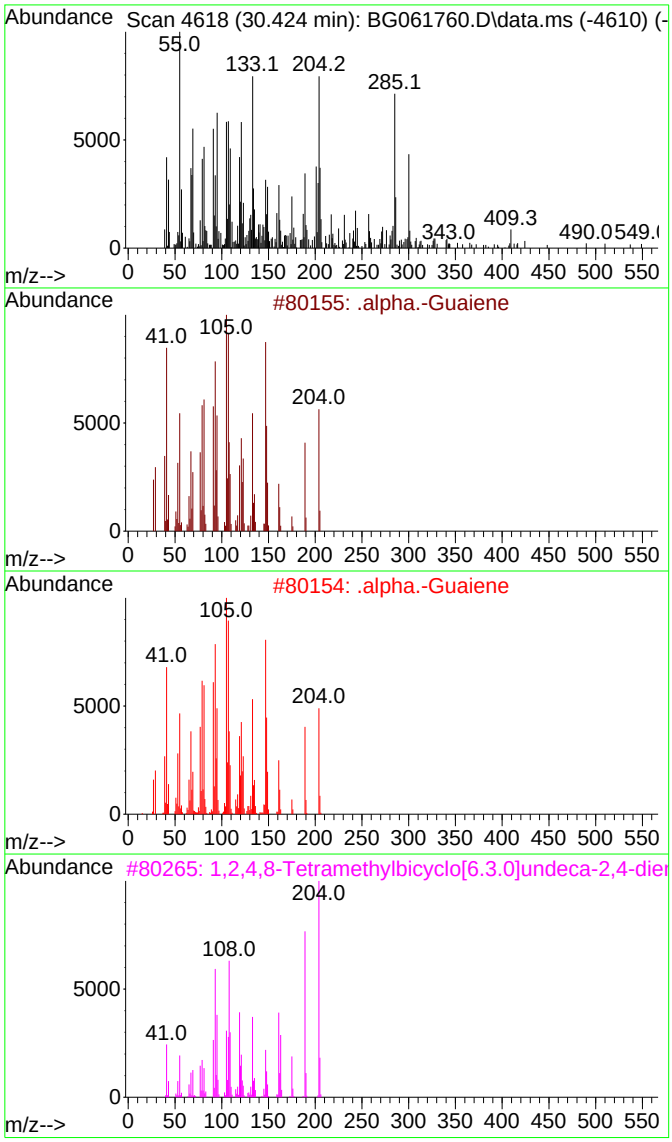
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

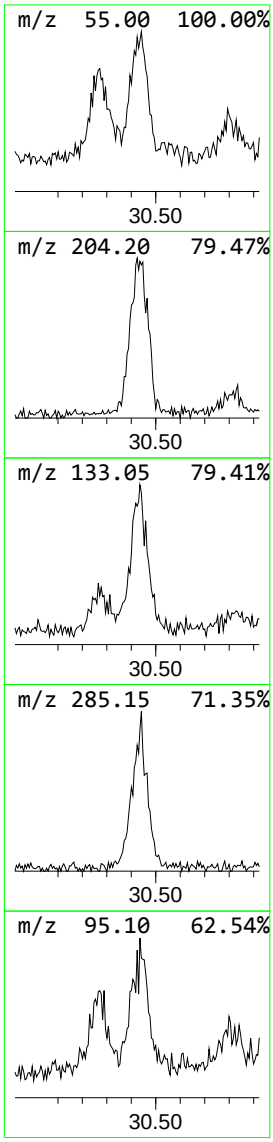
****

Peak Number 62 .alpha.-Guaiene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.424	7.16 ng/ul	454258	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Guaiene	204	C15H24	003691-12-1	58
2	.alpha.-Guaiene	204	C15H24	003691-12-1	49
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	1,1,4,7-Tetramethyl-1a,2,3,4,6,7...	204	C15H24	405112-35-8	46
5	(1R,1aR,2aS,6R,6aS,7aS)-1,6,6a-T...	204	C15H24	026620-70-2	46





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Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

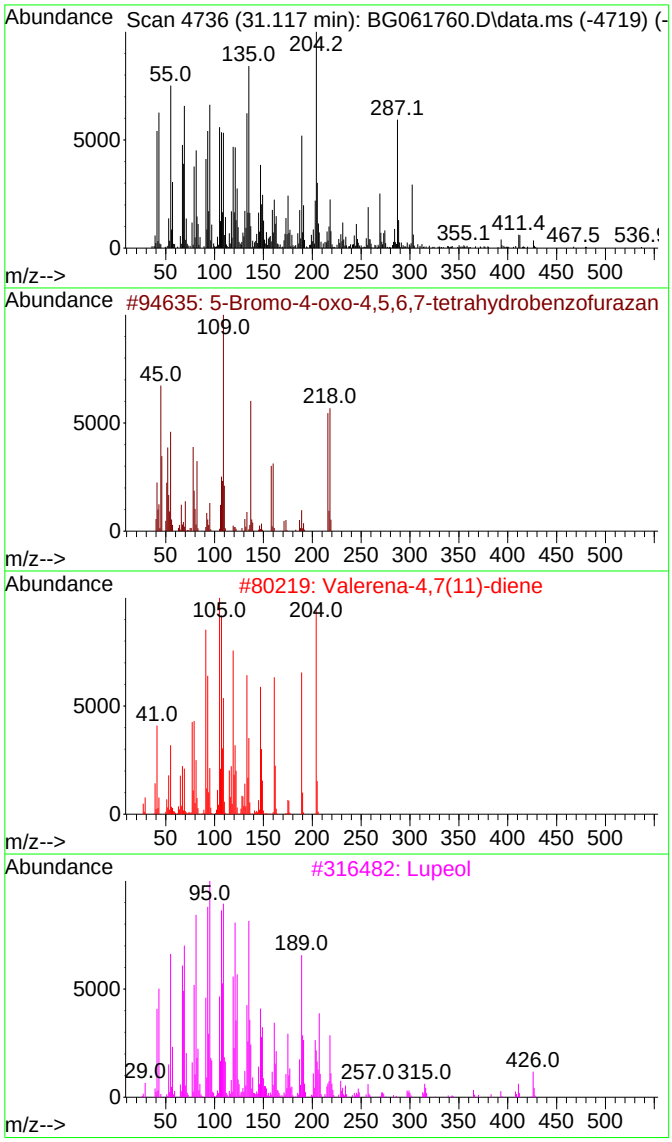
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

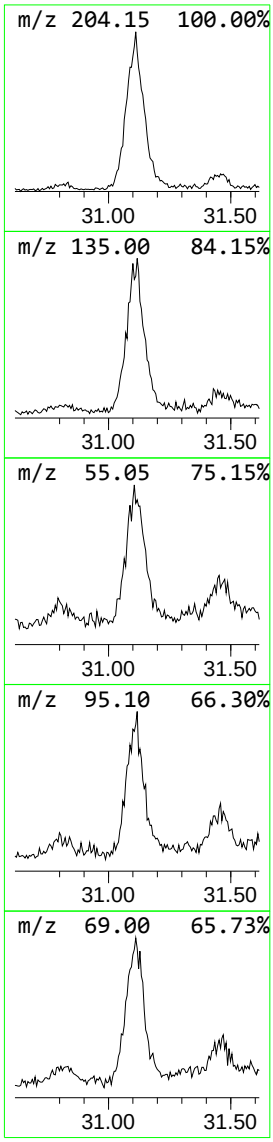
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.117	70.01 ng/ul	4442970	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90
2	Valerena-4,7(11)-diene	204	C15H24	351222-66-7	78
3	Lupeol	426	C30H50O	000545-47-1	70
4	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	59
5	Aromandendrene	204	C15H24	000489-39-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

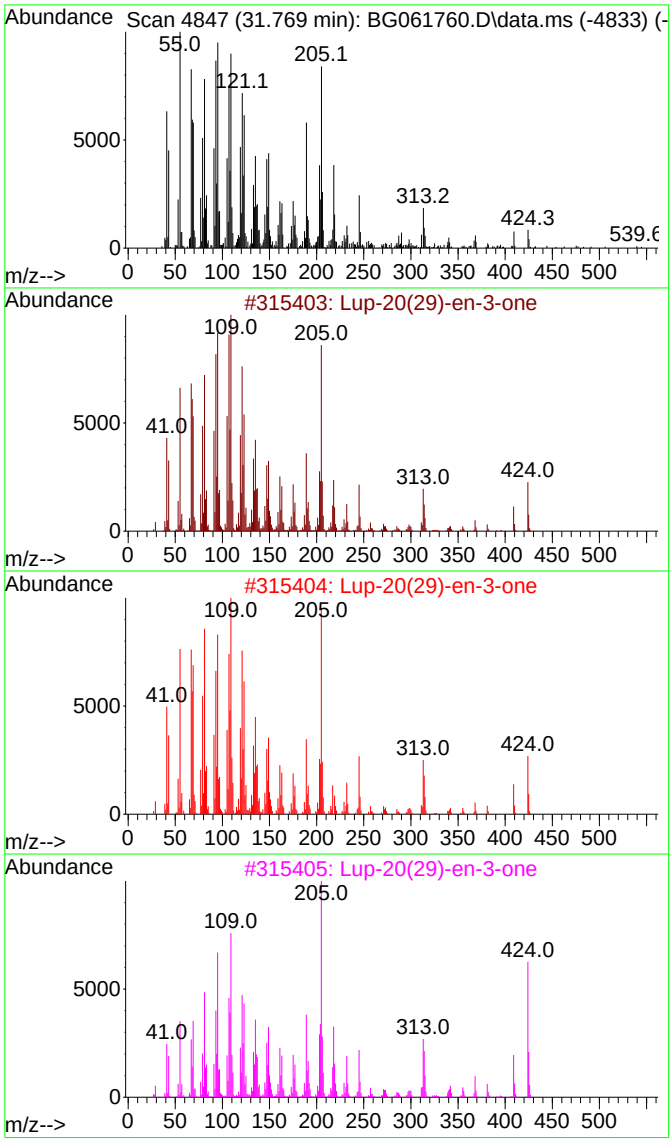
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

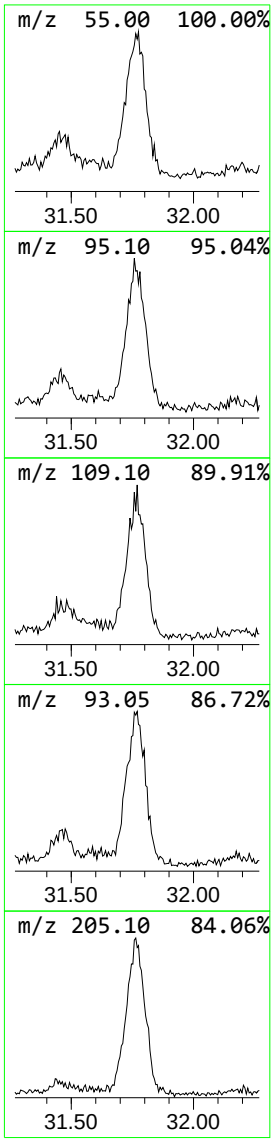
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Lup-20(29)-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.769	72.11 ng/ul	4576550	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
3	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	86
4	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	83
5	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	51





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

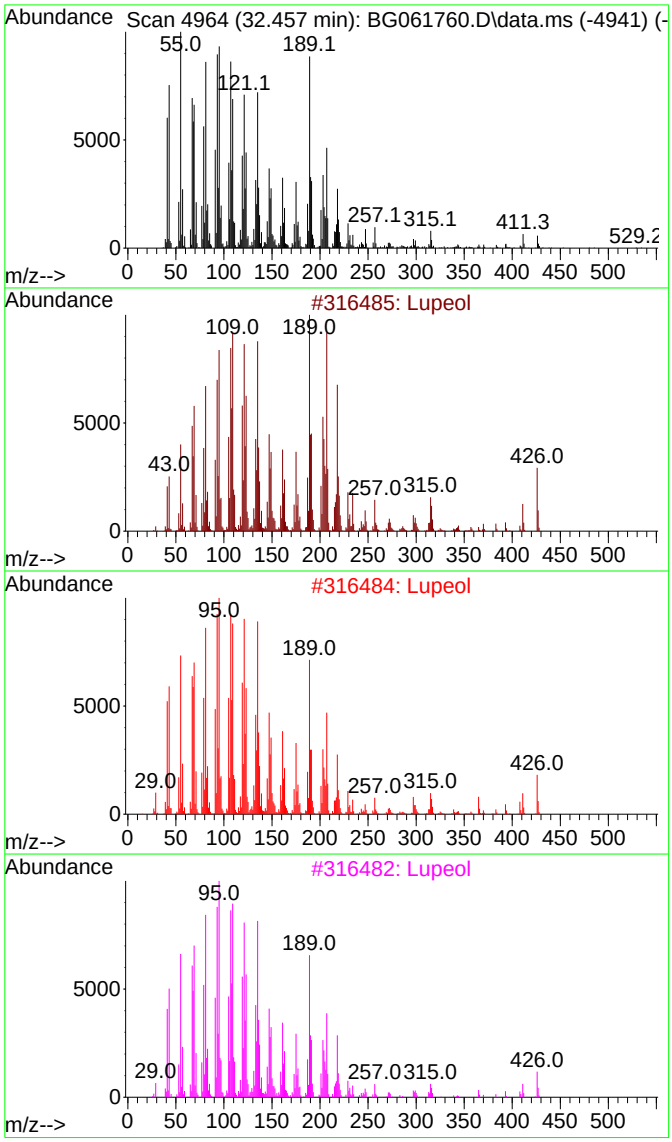
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

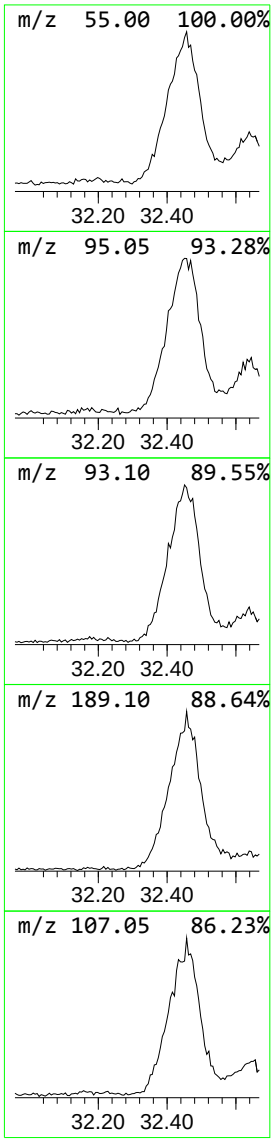
****

Peak Number 65 Lupeol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.457	206.58 ng/ul	13111100	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	97
2	Lupeol	426	C30H50O	000545-47-1	93
3	Lupeol	426	C30H50O	000545-47-1	90
4	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	86
5	4a,8-Dimethyl-2-(prop-1-en-2-yl)...	204	C15H24	103827-22-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061760.D
Acq On : 28 Jun 2024 5:53
Operator : MA/JU
Sample : P2899-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.726	8.1	ng/ul	256102	1	8.056	636488	20.0
1-Phenoxypropan...	11.599	8.6	ng/ul	440394	2	10.864	1030450	20.0
Phenol, p-tert-...	12.210	306.4	ng/ul	15788400	2	10.864	1030450	20.0
Benzaldehyde, 5...	13.344	50.6	ng/ul	4706440	3	14.683	1861160	20.0
2,4,6-Trichloro...	13.949	8.3	ng/ul	774341	3	14.683	1861160	20.0
Benzene, 1-(1,1...	15.471	34.3	ng/ul	3187600	3	14.683	1861160	20.0
Benzene, 1,3-bi...	16.458	23.9	ng/ul	1697290	4	17.427	1421030	20.0
n-Hexadecanoic ...	18.314	15.6	ng/ul	1109650	4	17.427	1421030	20.0
1,2-Benzenedica...	19.096	10.0	ng/ul	711476	4	17.427	1421030	20.0
2,3,3',5,6-Pent...	19.331	18.1	ng/ul	1284650	4	17.427	1421030	20.0
(DEL) Alkane: C...	19.460	2.4	ng/ul	172138	4	17.427	1421030	20.0
1,1'-Biphenyl, ...	19.613	19.6	ng/ul	1807110	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	20.054	16.0	ng/ul	1480880	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	20.177	11.3	ng/ul	1040580	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	20.312	35.1	ng/ul	3239780	5	21.687	1848250	20.0
2,3,3',4',5,6-H...	20.588	36.5	ng/ul	3369140	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	20.647	12.2	ng/ul	1122900	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	20.911	38.6	ng/ul	3570220	5	21.687	1848250	20.0
2,2',3,3',4,5',...	21.064	13.9	ng/ul	1280490	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	21.135	7.2	ng/ul	668062	5	21.687	1848250	20.0
unknown-01	21.223	22.8	ng/ul	2104880	5	21.687	1848250	20.0
Heptadecyl trif...	21.340	14.1	ng/ul	1299330	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	21.370	12.8	ng/ul	1181740	5	21.687	1848250	20.0
1,1'-Biphenyl, ...	22.128	14.0	ng/ul	1294190	5	21.687	1848250	20.0
(DEL) Alkane: S...	22.527	41.4	ng/ul	3822150	5	21.687	1848250	20.0
Oxirane, hexade...	23.555	8.7	ng/ul	551890	6	24.901	1269330	20.0
(DEL) Alkane: S...	24.020	25.9	ng/ul	1641510	6	24.901	1269330	20.0
(DEL) Alkane: C...	24.078	7.8	ng/ul	494917	6	24.901	1269330	20.0
1,15-Hexadecadiene	25.500	10.3	ng/ul	654874	6	24.901	1269330	20.0
(DEL) Alkane: S...	26.123	7.2	ng/ul	459328	6	24.901	1269330	20.0
(DEL) Alkane: S...	26.246	10.9	ng/ul	690651	6	24.901	1269330	20.0
unknown-02	28.303	8.1	ng/ul	512565	6	24.901	1269330	20.0
(DEL) Alkane: S...	29.378	3.4	ng/ul	216656	6	24.901	1269330	20.0
.alpha.-Guaiene	30.424	7.2	ng/ul	454258	6	24.901	1269330	20.0
5-Bromo-4-oxo-4...	31.117	70.0	ng/ul	4442970	6	24.901	1269330	20.0
Lup-20(29)-en-3...	31.769	72.1	ng/ul	4576550	6	24.901	1269330	20.0
Lupeol	32.457	206.6	ng/ul	13111100	6	24.901	1269330	20.0