LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CJ4

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_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	41	44	55	rVB	36035	51203	0.88%	0.062%
2	3.540	92	94	99	rBV	12166	17205	0.30%	0.021%
3	3.581	99	101	104	rVB2	8518	7586	0.13%	0.009%
4	3.658	112	114	118	rVB3	6470	7068	0.12%	0.009%
5	3.699	118	121	128	rVV2	8635	15885	0.27%	0.019%
6	3.758	128	131	136	rVB	39618	51925	0.90%	0.063%
7	3.970	163	167	171	rVB	20072	28525	0.49%	0.035%
8	4.476	249	253	256	rBV3	7696	11097	0.19%	0.013%
9	4.517	257	260	267	rVB3	15633	25326	0.44%	0.031%
10	4.740	295	298	302	rBV6	6417	9456	0.16%	0.011%
11	4.864	314	319	328	rVB	56906	93732	1.62%	0.114%
12	4.987	335	340	347	rVB8	8476	14757	0.25%	0.018%
13	5.746	463	469	475	rBV10	6266	12861	0.22%	0.016%
14	6.387	575	578	584	rVB7	3347	6849	0.12%	0.008%
15	6.811	645	650	658	rBV8	11692	30476	0.53%	0.037%
16	6.928	663	670	685	rVV	631020	1059107	18.26%	1.285%
17	7.052	685	691	705	rVB	497598	801861	13.82%	0.973%
18	7.258	719	726	737	rBV	691737	1117013	19.25%	1.355%
19	7.699	794	801	812	rBV	739903	1209294	20.84%	1.467%
20	8.434	919	926	936	rBV	716310	1247693	21.51%	1.513%
21	8.522	937	941	949	rVB2	26335	54634	0.94%	0.066%
22	8.852	989	997	1013	rBV	573463	1099367	18.95%	1.333%
23	8.993	1018	1021	1032	rVB	7216	19738	0.34%	0.024%
24	9.187	1050	1054	1058	rVB4	7545	12046	0.21%	0.015%
25	9.405	1086	1091	1099	rVB7	8633	13963	0.24%	0.017%
26	9.558	1108	1117	1130	rBV	529869	977125	16.84%	1.185%
27	9.646	1130	1132	1138	rVB7	4785	7673	0.13%	0.009%
28	9.846	1160	1166	1170	rBV7	12432	27851	0.48%	0.034%
29	10.128	1205	1214	1229	rBV	771699	1546122	26.65%	1.875%
30	10.240	1230	1233	1239	rVB8	6471	13396	0.23%	0.016%
31	10.469	1264	1272	1278	rVV	1118712	1860614	32.07%	2.257%
32	10.516	1278	1280	1288	rVB	48147	69997	1.21%	0.085%
33	10.616	1288	1297	1316	rBV	416310	869839	14.99%	1.055%
34	10.993	1354	1361	1371	rVB	10253	24809	0.43%	0.030%
35	11.216	1390	1399	1405	rBV2	49663	109451	1.89%	0.133%
36	11.299	1409	1413	1418	rVV6	17177	34403	0.59%	0.042%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CJ4

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_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	11.852	1503	1507	1516	rVB10	8752	15109	0.26%	0.018%
38	11.963	1522	1526	1529	rBV6	5941	10821	0.19%	0.013%
39	12.052	1537	1541	1547	rVB3	16896	27438	0.47%	0.033%
40	12.116	1548	1552	1559	rVB	28665	43525	0.75%	0.053%
41	12.352	1587	1592	1598	rVB	20823	33820	0.58%	0.041%
42	12.622	1631	1638	1640	rBV6	6974	12644	0.22%	0.015%
43	12.663	1640	1645	1650	rVB5	10776	20839	0.36%	0.025%
44	12.816	1667	1671	1674	rVB6	6483	9079	0.16%	0.011%
45	12.910	1682	1687	1692	rBV5	11396	19849	0.34%	0.024%
46	13.110	1719	1721	1724	rBV4	7923	9117	0.16%	0.011%
47	13.146	1724	1727	1732	rVB2	9774	13530	0.23%	0.016%
48	13.269	1744	1748	1754	rVB9	11812	22213	0.38%	0.027%
49	13.499	1780	1787	1794	rBV6	22086	62485	1.08%	0.076%
50	13.622	1804	1808	1815	rBV3	24946	48994	0.84%	0.059%
51	13.728	1815	1826	1833	rBV	1531625	2308570	39.79%	2.800%
52	13.875	1849	1851	1855	rBV	14516	19100	0.33%	0.023%
53	13.969	1862	1867	1868	rBV5	17430	25786	0.44%	0.031%
54	14.010	1868	1874	1892	rVB2	1925140	2963815	51.09%	3.595%
55	14.204	1904	1907	1911	rVB5	10612	13573	0.23%	0.016%
56	14.322	1921	1927	1933	rBV	1892509	2568061	44.27%	3.115%
57	14.381	1933	1937	1946	rVB	134290	221267	3.81%	0.268%
58	14.546	1956	1965	1974	rBV	1367719	3356304	57.85%	4.071%
59	14.634	1974	1980	1988	rBV	364006	740221	12.76%	0.898%
60	14.734	1993	1997	2007	rVV2	75464	213744	3.68%	0.259%
61	15.334	2093	2099	2105	rBV	2275058	3464249	59.71%	4.202%
62	15.393	2105	2109	2116	rVB	122174	223612	3.85%	0.271%
63	15.504	2123	2128	2134	rVB2	256756	405653	6.99%	0.492%
64	16.534	2299	2303	2308	rBV3	184690	333130	5.74%	0.404%
65	16.793	2344	2347	2355	rBV2	109819	220177	3.80%	0.267%
66	17.145	2401	2407	2410	rBV	1968629	2903075	50.04%	3.521%
67	17.187	2410	2414	2418	rVB	2213999	2849925	49.12%	3.456%
68	17.240	2418	2423	2427	rBV	2574376	3679772	63.43%	4.463%
69	17.581	2478	2481	2484	rBV	196989	220215	3.80%	0.267%
70	17.651	2491	2493	2501	rVB2	284973	355226	6.12%	0.431%
71	18.069	2557	2564	2566	rBV2	861490	1642630	28.31%	1.992%
72	18.245	2590	2594	2598	rBV2	427666	653312	11.26%	0.792%
73	18.292	2598	2602	2606	rVV	259385	403106	6.95%	0.489%
74	18.434	2620	2626	2629	rBV3	582147	1169937	20.17%	1.419%
75	18.622	2655	2658	2663	rBV2	321641	544226	9.38%	0.660%
76	18.698	2666	2671	2674	rBV2	575922	964214	16.62%	1.169%

LSC Area Percent Report

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Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

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_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	18.739	2676	2678	2680	rBV2	296474	234433	4.04%	0.284%
78	18.816	2689	2691	2697	rVB2	484492	573065	9.88%	0.695%
79	19.057	2730	2732	2736	rBV3	248758	350711	6.05%	0.425%
80	19.222	2758	2760	2764	rBV4	328956	388135	6.69%	0.471%
81	19.281	2765	2770	2777	rVB	3278249	5129138	88.41%	6.221%
82	19.404	2788	2791	2795	rBV	418654	693011	11.95%	0.841%
83	19.439	2795	2797	2799	rVB	340272	219472	3.78%	0.266%
84	19.486	2801	2805	2808	rVV4	570339	911205	15.71%	1.105%
85	19.516	2808	2810	2814	rVV3	551030	581779	10.03%	0.706%
86	19.628	2825	2829	2832	rBV2	2720477	3999524	68.94%	4.851%
87	19.657	2832	2834	2844	rVB	2327665	3314271	57.13%	4.020%
88	19.728	2844	2846	2847	rBV	267165	226669	3.91%	0.275%
89	20.286	2938	2941	2943	rBV2	922614	1076321	18.55%	1.305%
90	20.322	2945	2947	2949	rVV2	642003	615775	10.61%	0.747%
91	20.369	2953	2955	2960	rVB2	767235	920568	15.87%	1.116%
92	20.539	2982	2984	2987	rBV2	586289	690312	11.90%	0.837%
93	20.563	2987	2988	2990	rBV	669230	430135	7.41%	0.522%
94	20.633	2999	3000	3001	rBV	358164	136949	2.36%	0.166%
95	20.657	3001	3004	3005	rBV2	468621	416475	7.18%	0.505%
96	21.492	3141	3146	3149	rBV	1426378	2257258	38.91%	2.738%
97	21.592	3156	3163	3168	rBV3	2236872	5801449	100.00%	7.036%
98	21.645	3168	3172	3178	rVB	1624313	2939148	50.66%	3.565%
99	22.475	3309	3313	3321	rVB3	1192849	2385633	41.12%	2.893%
100	23.874	3545	3551	3555	rBV	1203469	2787899	48.06%	3.381%

Sum of corrected areas: 82451645

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
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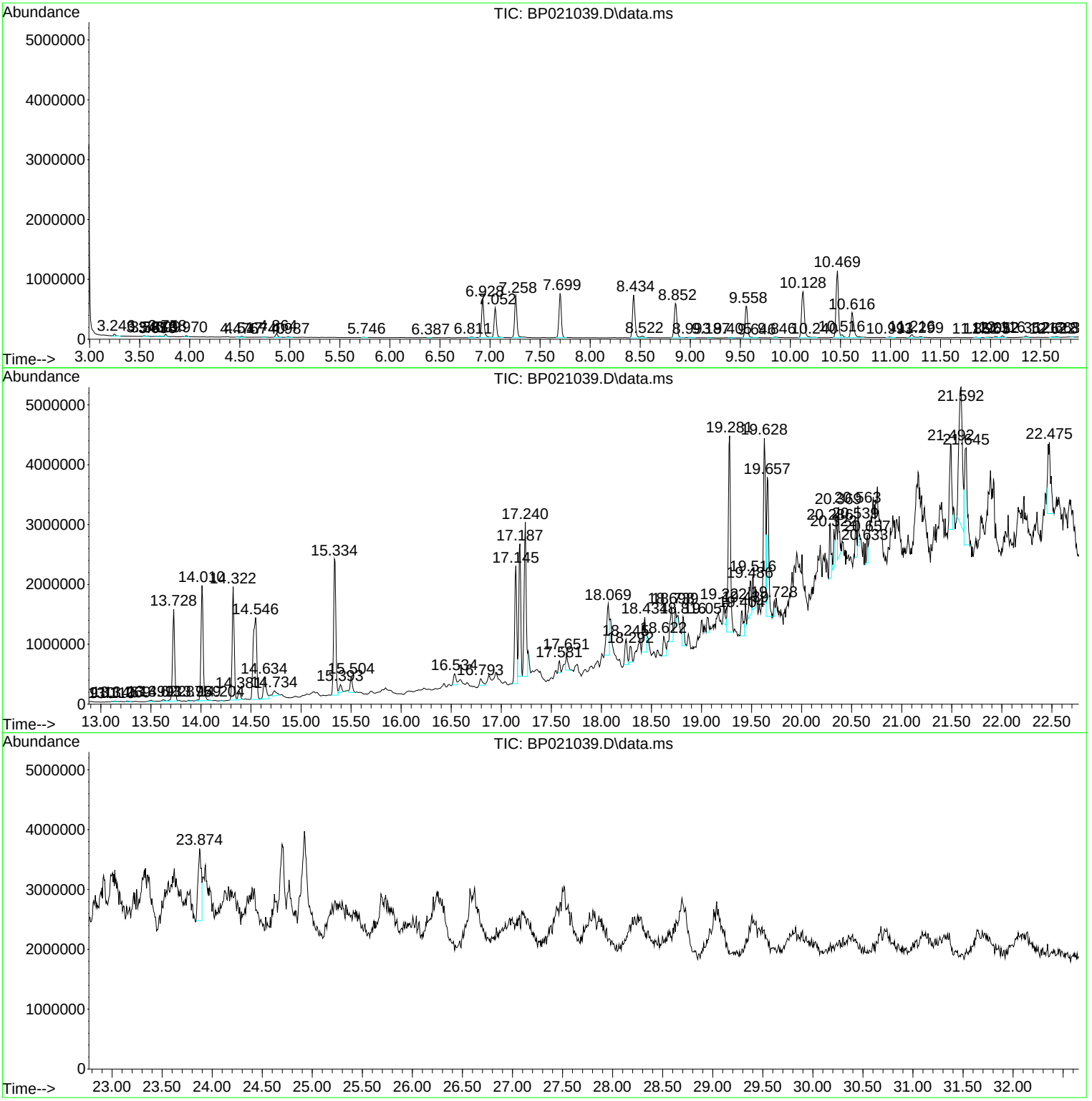
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

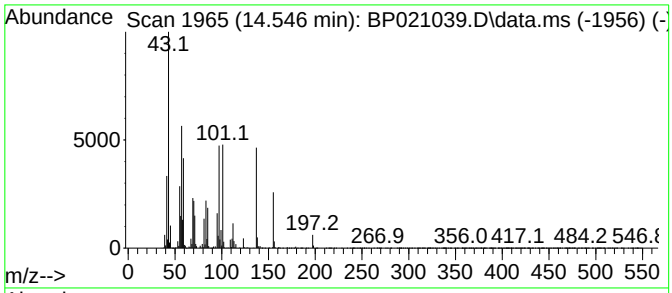
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

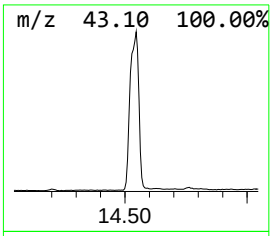
****

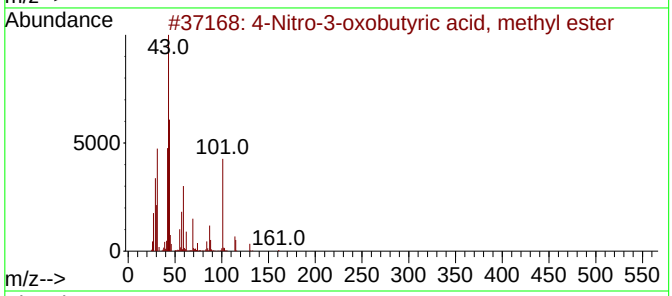
Peak Number 1 unknown-01 Concentration Rank 1

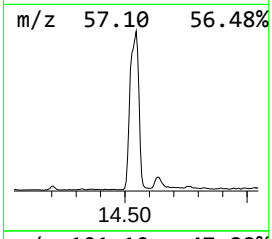
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.546	26.14 ng/ul	3356300	Acenaphthene-d10	14.322

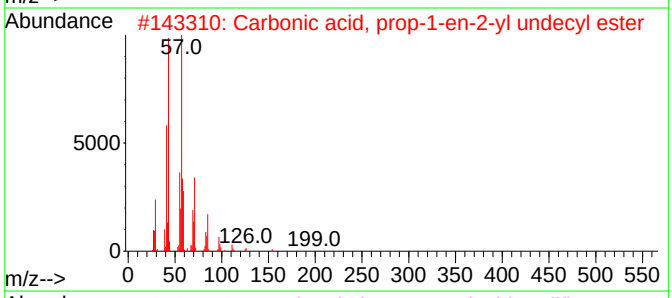
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitro-3-oxobutyric acid, methy...	161	C5H7NO5	087730-77-6	14
2	Carbonic acid, prop-1-en-2-yl un...	256	C15H28O3	1000382-90-6	10
3	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	10
4	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	10
5	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10

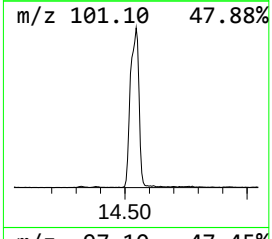


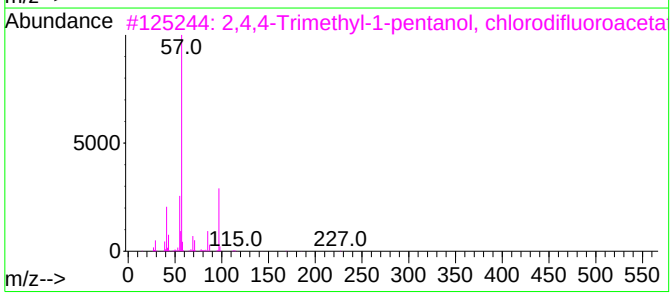


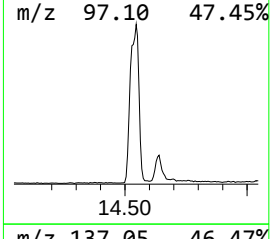


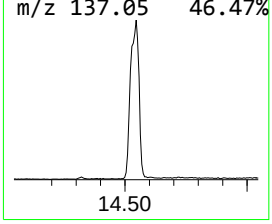












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Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

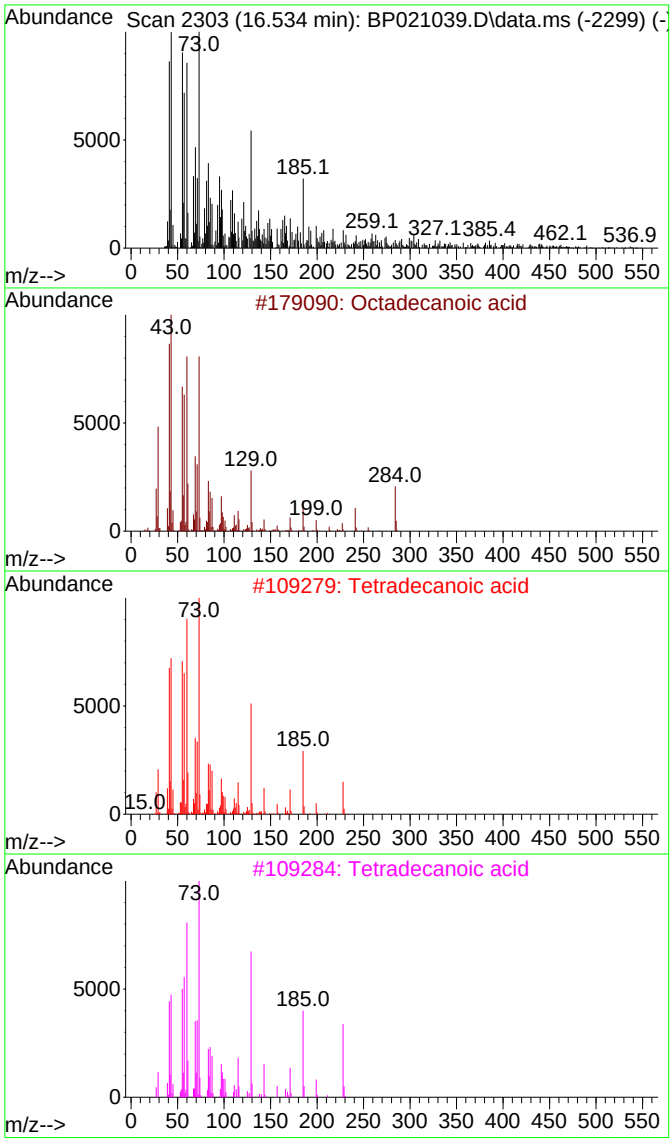
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

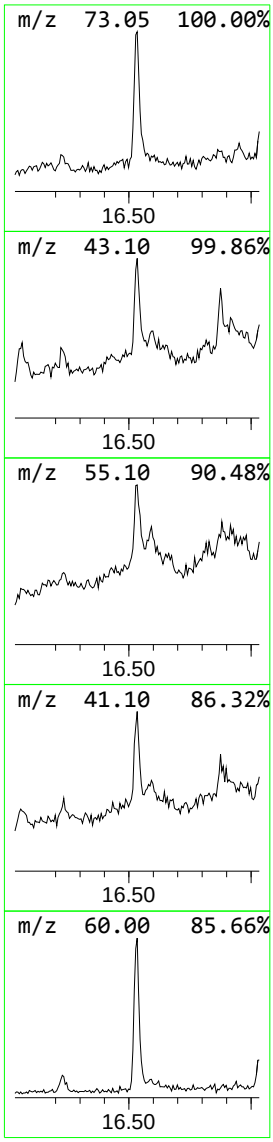
****

Peak Number 2 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.534	2.30 ng/ul	333130	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	9,19-Cyclolanostan-3-ol, 24,24-e...	498	C33H54O3	1000190-57-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

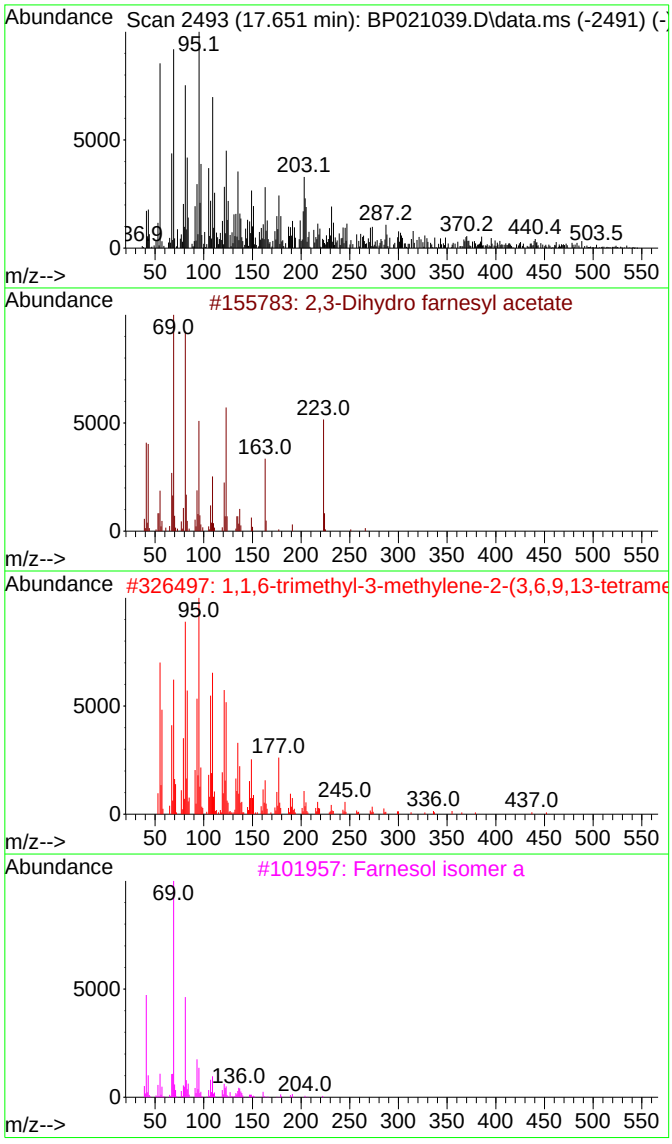
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

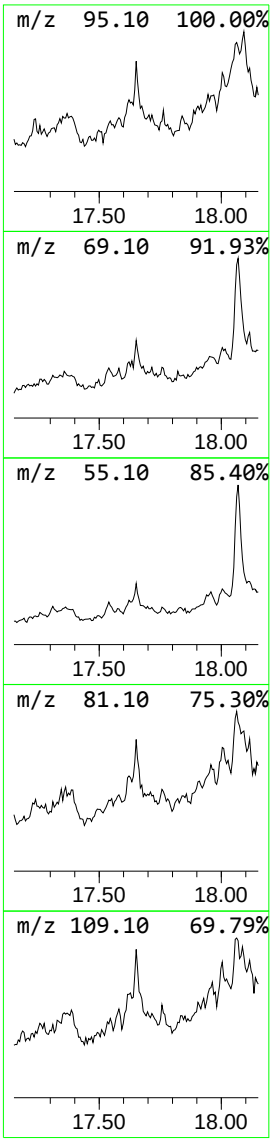
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,3-Dihydro farnesyl acetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	2.45 ng/ul	355226	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro farnesyl acetate	266	C17H30O2	058130-58-8	70
2	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	55
3	Farnesol isomer a	222	C15H26O	1000108-92-4	49
4	1,1,6-trimethyl-3-methylene-2-(3...	442	C32H58	1000373-94-0	47
5	2(1H)-Naphthalenone, octahydro-4...	208	C14H24O	054594-42-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

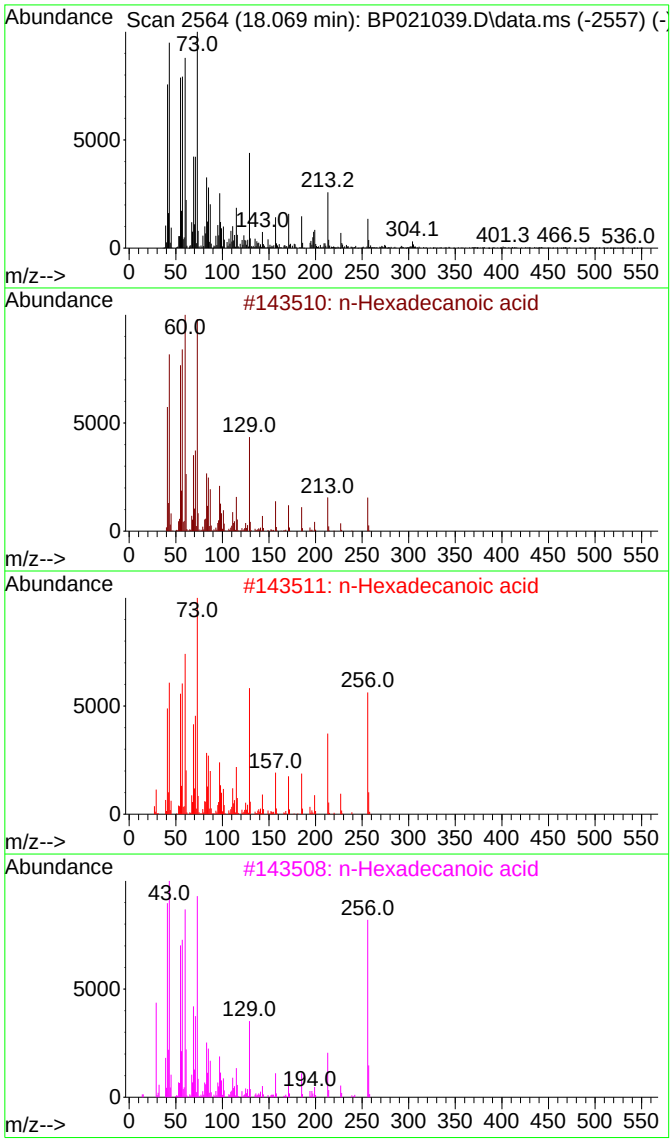
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

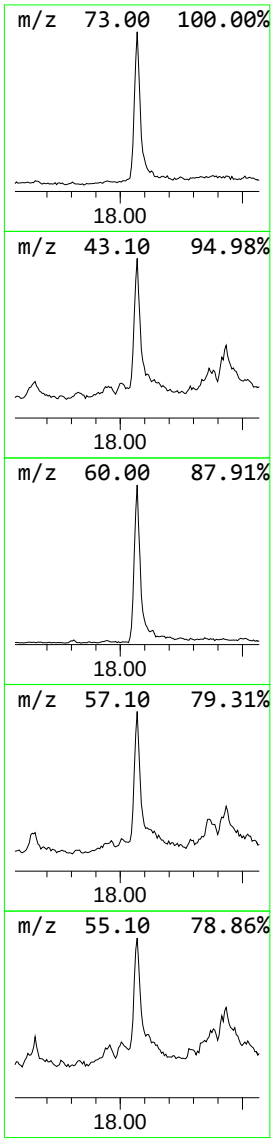
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	11.32 ng/ul	1642630	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

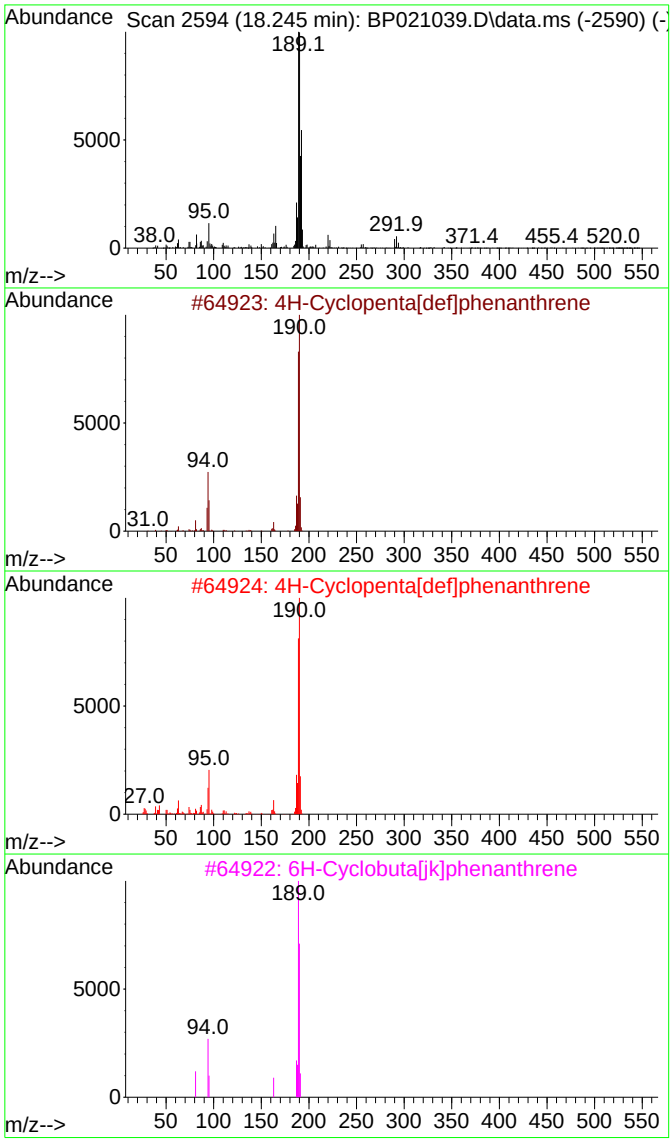
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

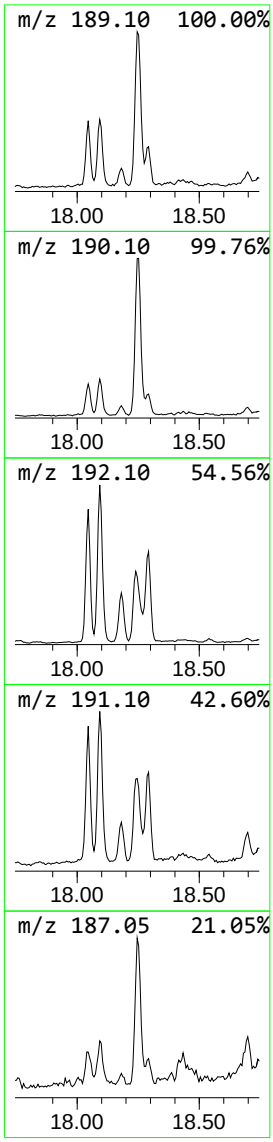
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	4.50 ng/ul	653312	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	27
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

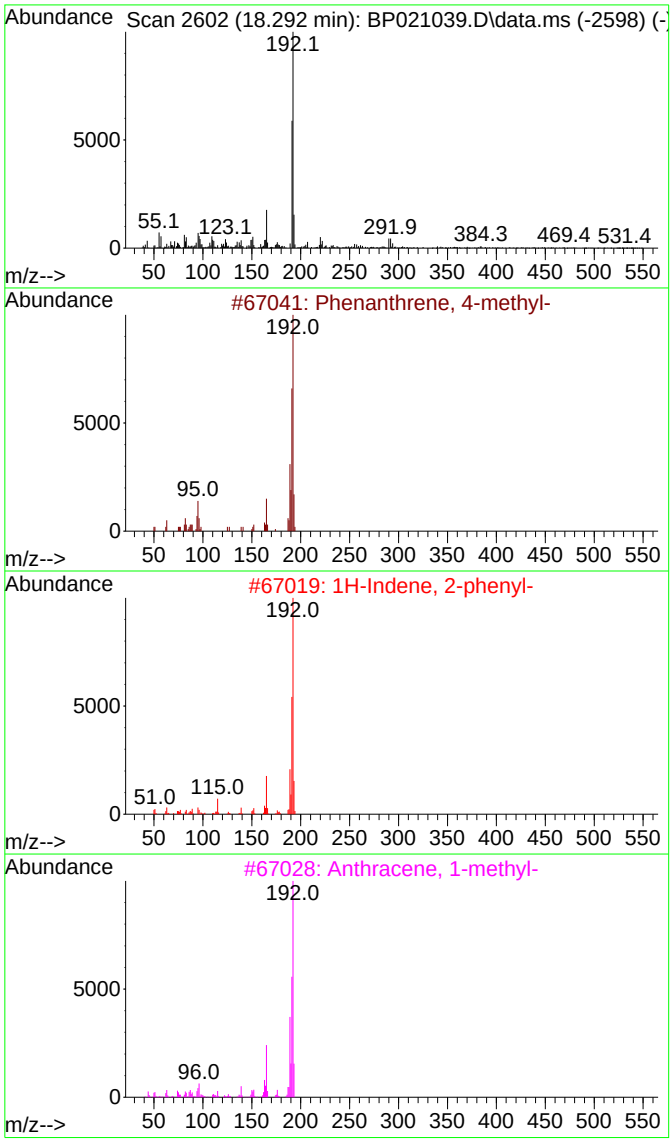
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

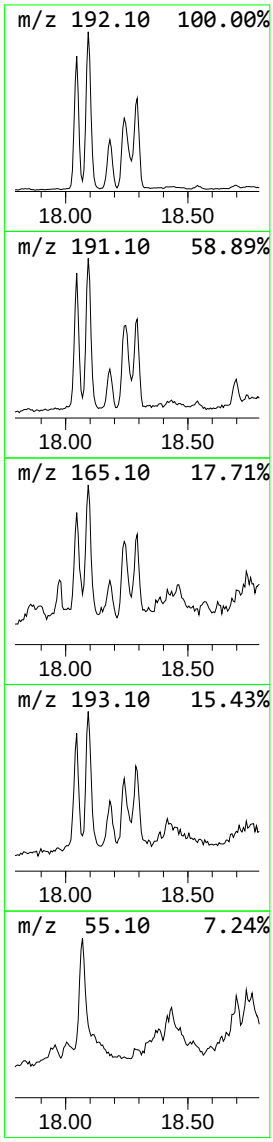
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.78 ng/ul	403106	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

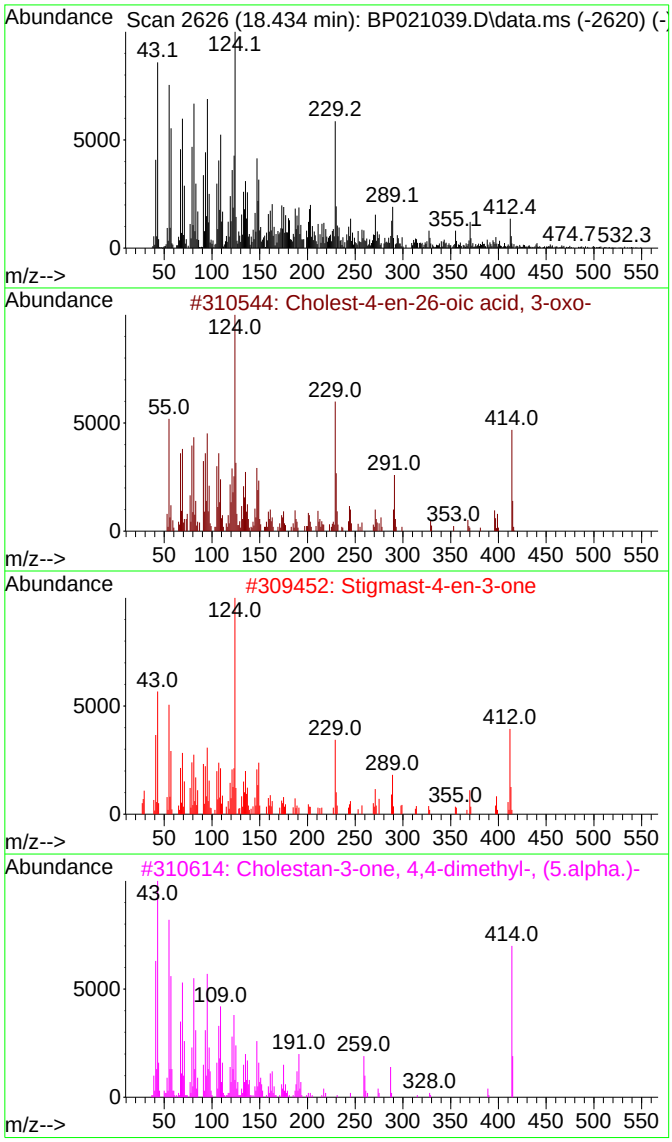
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

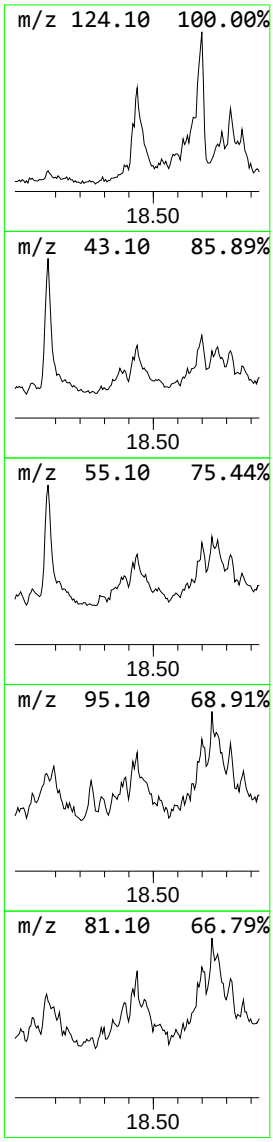
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cholest-4-en-26-oic acid, 3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	8.06 ng/ul	1169940	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-26-oic acid, 3-oxo-	414	C27H42O3	023017-97-2	89
2	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	83
3	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	70
4	Testosterone	288	C19H28O2	000058-22-0	70
5	Cholest-5-ene	370	C27H46	000570-74-1	58





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Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

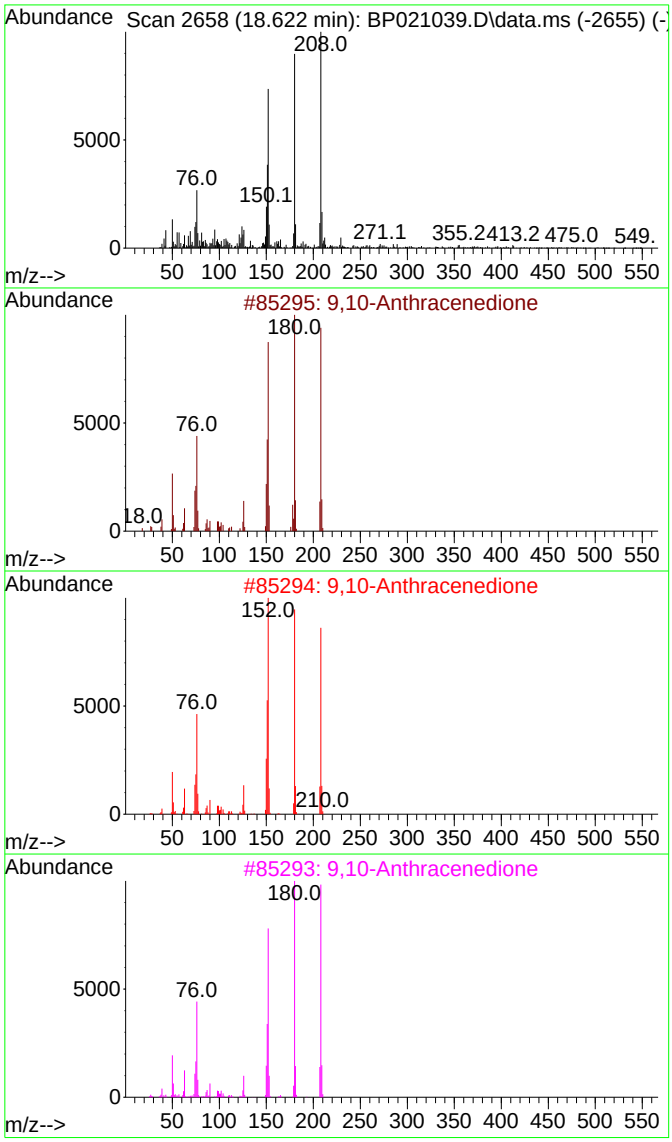
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

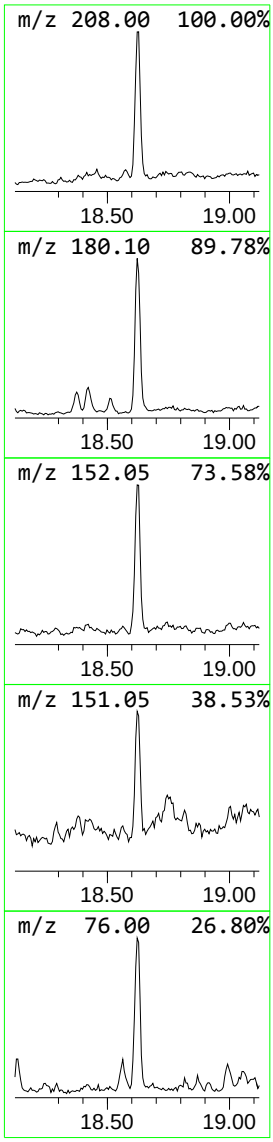
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	3.75 ng/ul	544226	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	64





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Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

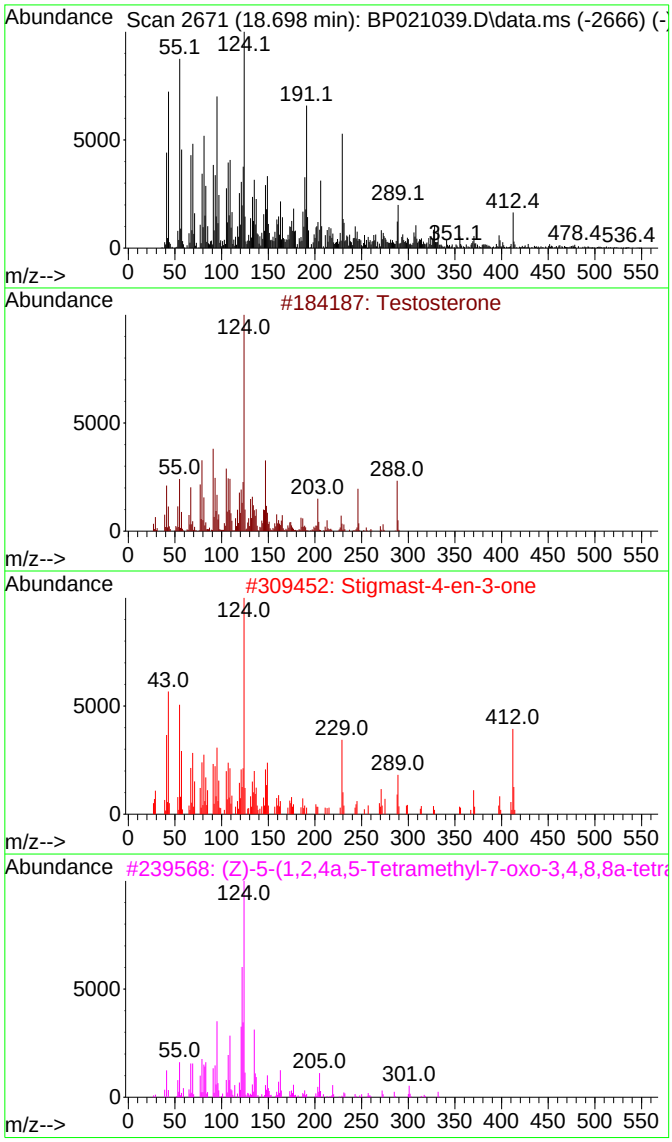
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

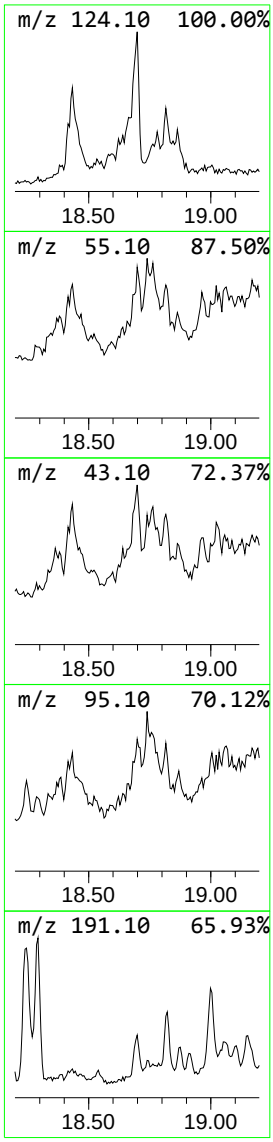
****

Peak Number 9 Testosterone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	6.64 ng/ul	964214	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	83
2	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	70
3	(Z)-5-(1,2,4a,5-Tetramethyl-7-ox...	332	C21H32O3	1000481-02-0	70
4	Bisoxireno[2',3':4,5;2'',3'':8,9...	264	C15H20O4	038146-87-1	45
5	(1S,2E,4S,5R,7E,11E)-Cembra-2,7,...	306	C20H34O2	1000140-92-3	41





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Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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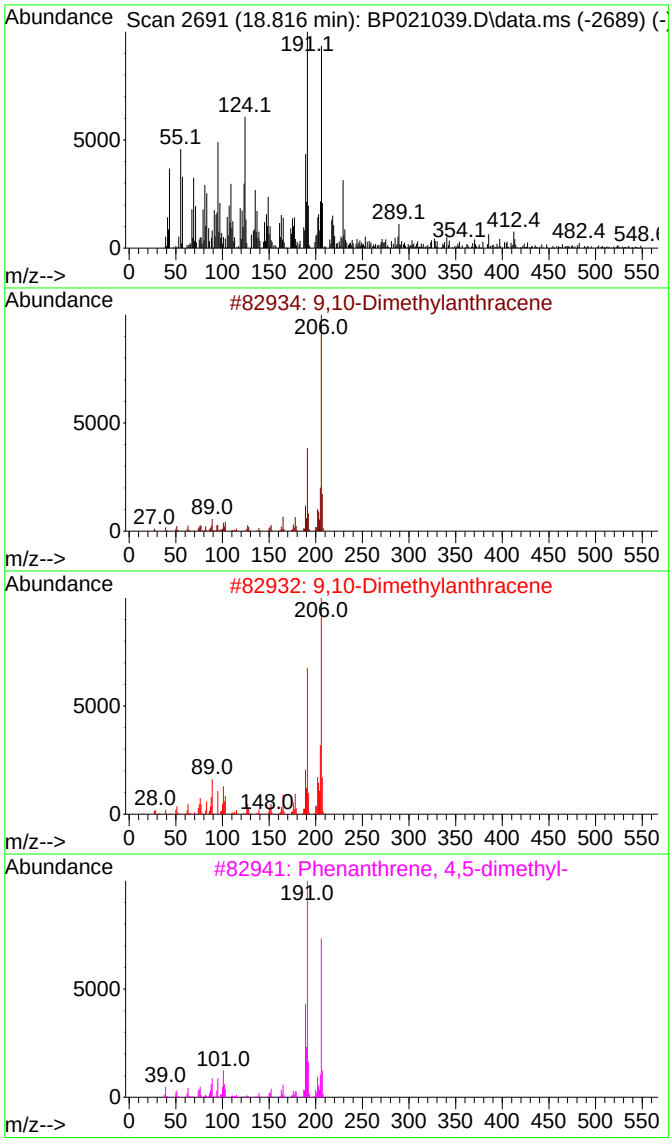
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

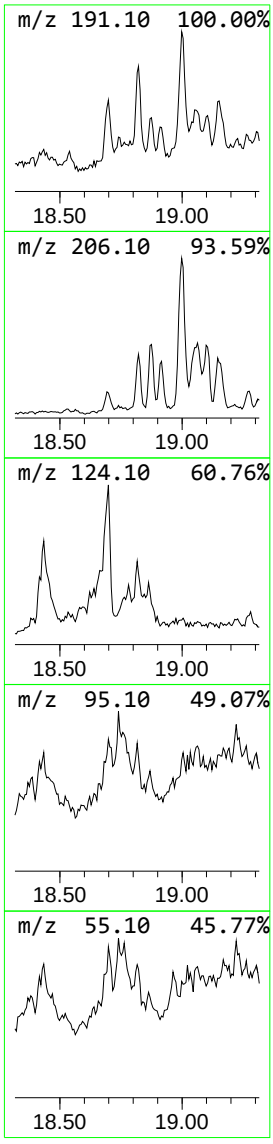
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	3.95 ng/ul	573065	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	2,5,5,8a-Tetramethyl-4-methylene...	206	C14H22O	093175-76-9	62





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Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

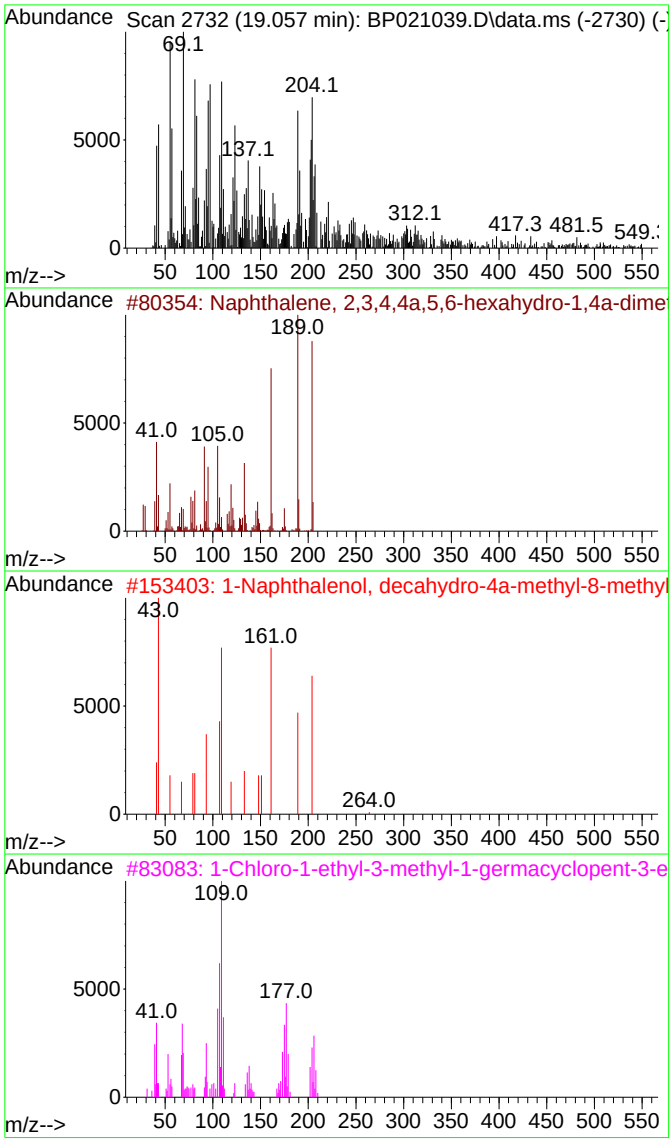
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

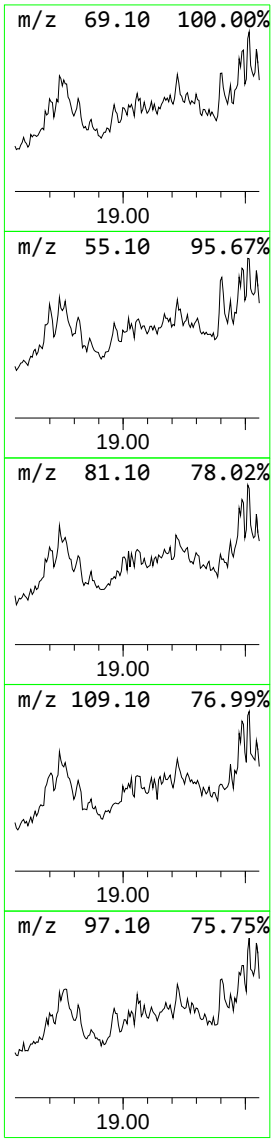
****

Peak Number 11 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	2.42 ng/ul	350711	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	45
2	1-Naphthalenol, decahydro-4a-met...	264	C17H28O2	069297-57-0	42
3	1-Chloro-1-ethyl-3-methyl-1-germ...	206	C7H13ClGe	026311-76-2	35
4	Lup-20(29)-en-3-ol, acetate, (3....	468	C32H52O2	001617-68-1	30
5	2-(4,8,12-Trimethyltridecyl) thi...	308	C20H36S	1000360-37-2	25





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Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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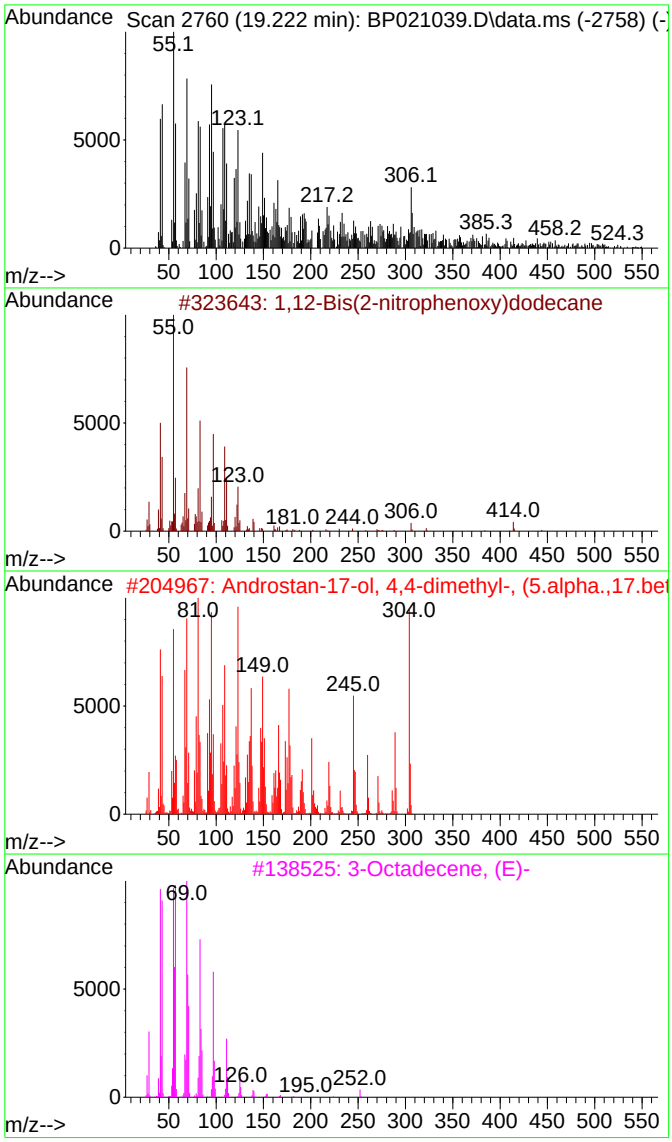
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

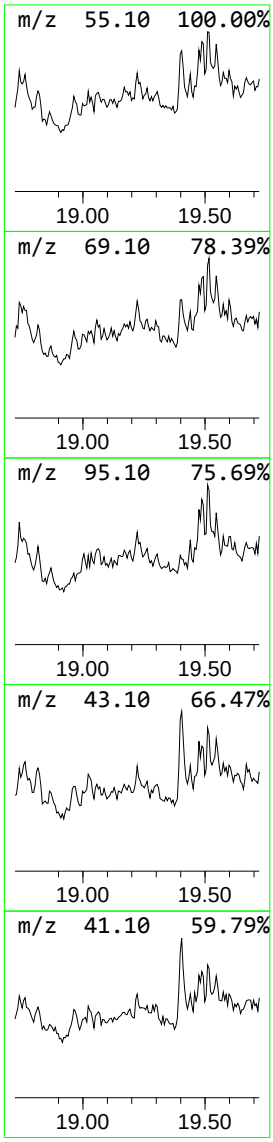
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,12-Bis(2-nitrophenoxy)dod... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	2.67 ng/ul	388135	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,12-Bis(2-nitrophenoxy)dodecane	444	C24H32N2O6	155056-69-2	64
2	Androstan-17-ol, 4,4-dimethyl-, ...	304	C21H36O	006561-00-8	60
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	50
4	5-Isopropenyl-2-methyl-7-oxabicy...	168	C10H16O2	1000185-00-9	49
5	Sesquirosefuran	218	C15H22O	039007-93-7	47





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Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

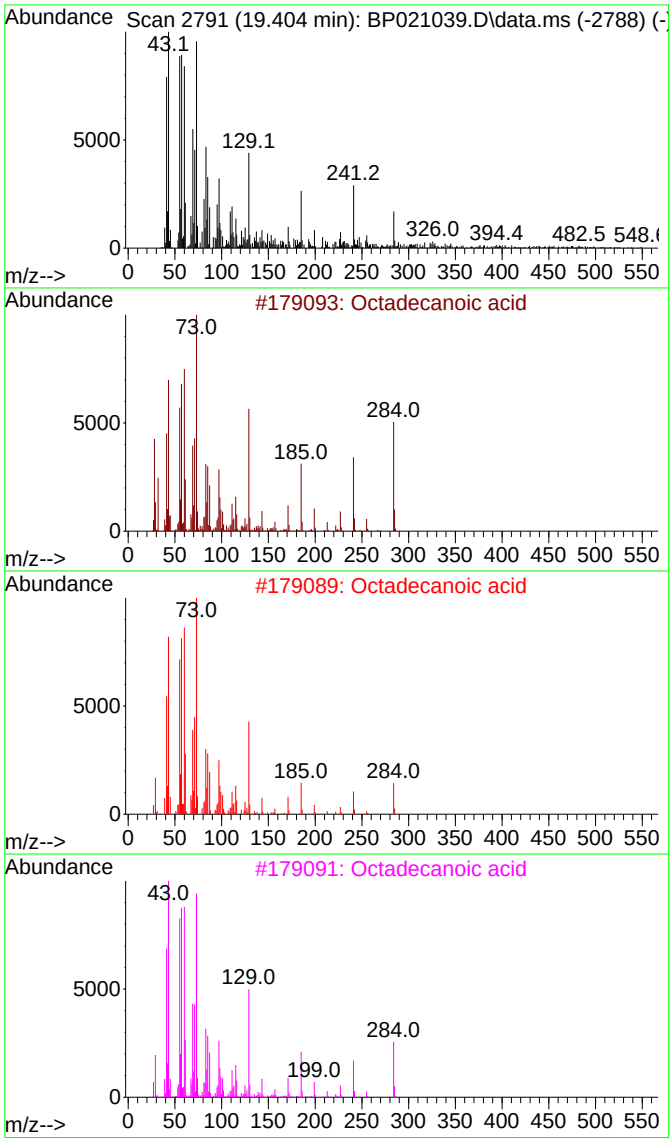
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

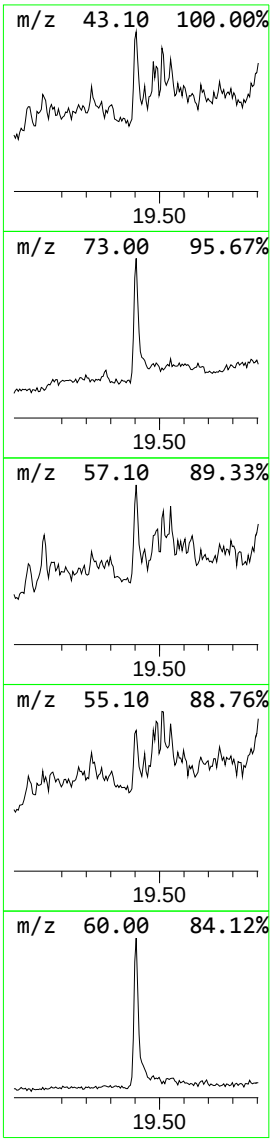
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 n-Decanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.39 ng/ul	693011	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	92
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





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Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

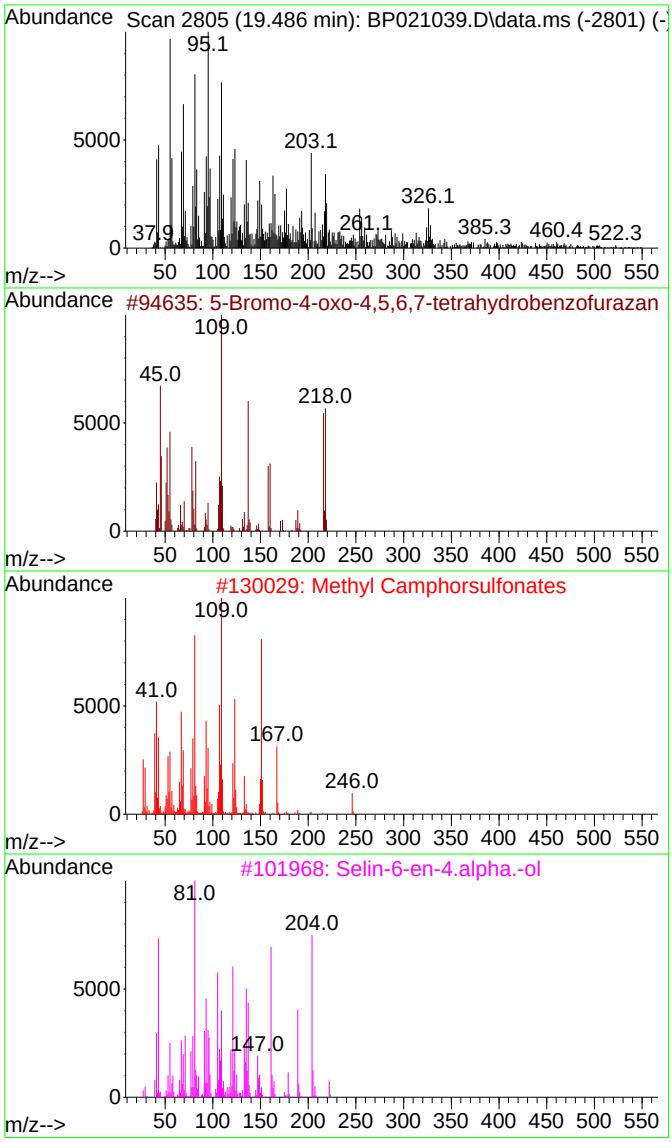
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

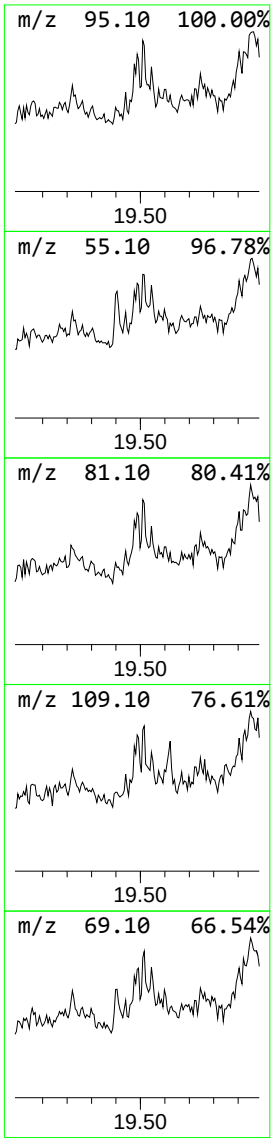
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	3.14 ng/ul	911205	Chrysene-d12	21.592

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	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	78
3	Selin-6-en-4.alpha.-ol	222	C15H26O	118173-08-3	62
4	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	55
5	Vestitenone	178	C12H18O	069401-36-1	55





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Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

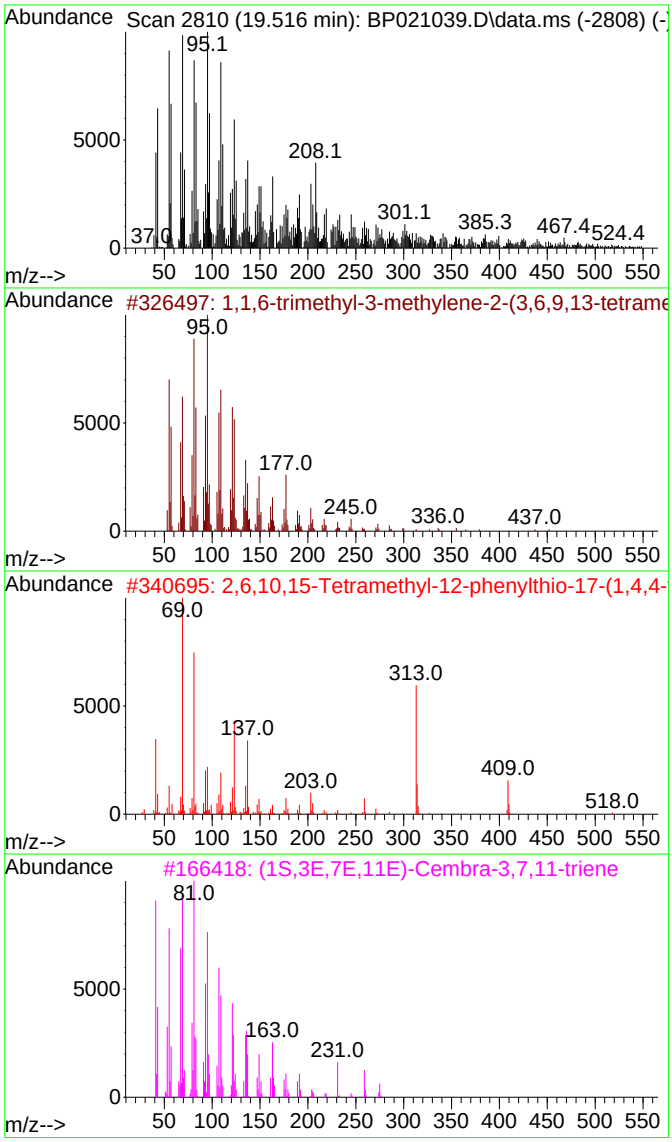
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

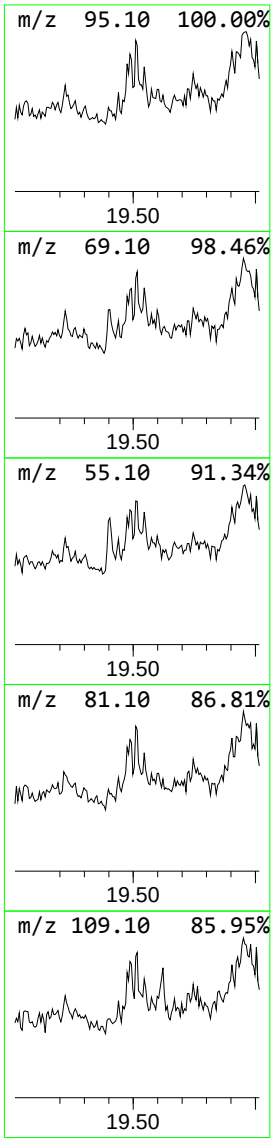
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1,6-trimethyl-3-methylene... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.01 ng/ul	581779	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	55
2	2,6,10,15-Tetramethyl-12-phenylt...	518	C36H54S	1000187-95-4	50
3	(1S,3E,7E,11E)-Cembra-3,7,11-triene	274	C20H34	1000432-97-5	50
4	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	45
5	1,12-Bis(2-nitrophenoxy)dodecane	444	C24H32N2O6	155056-69-2	42





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Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

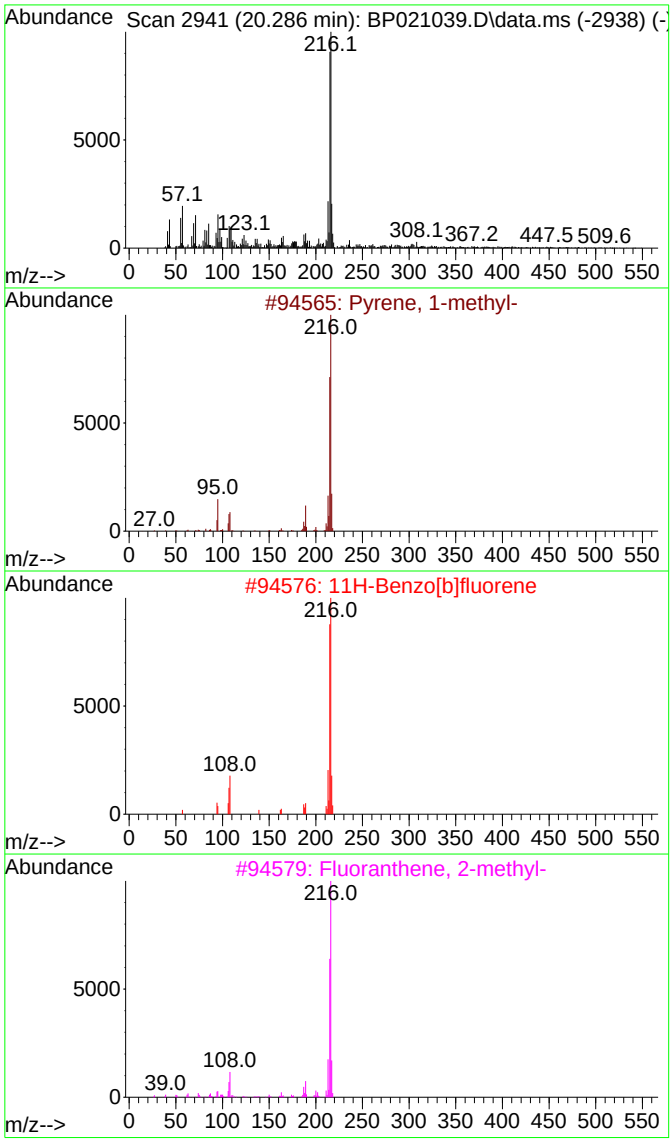
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

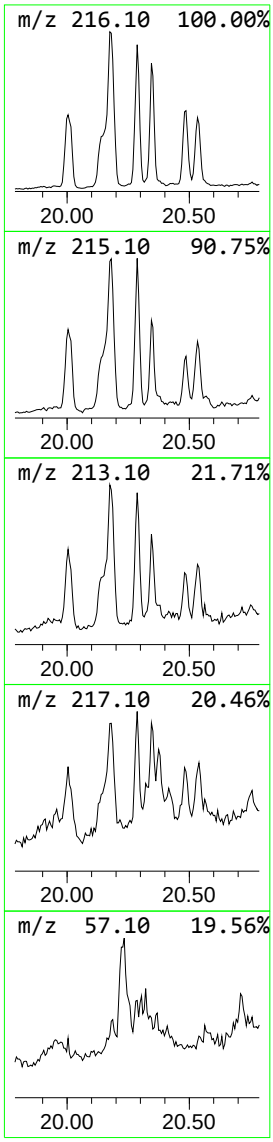
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	3.71 ng/ul	1076320	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

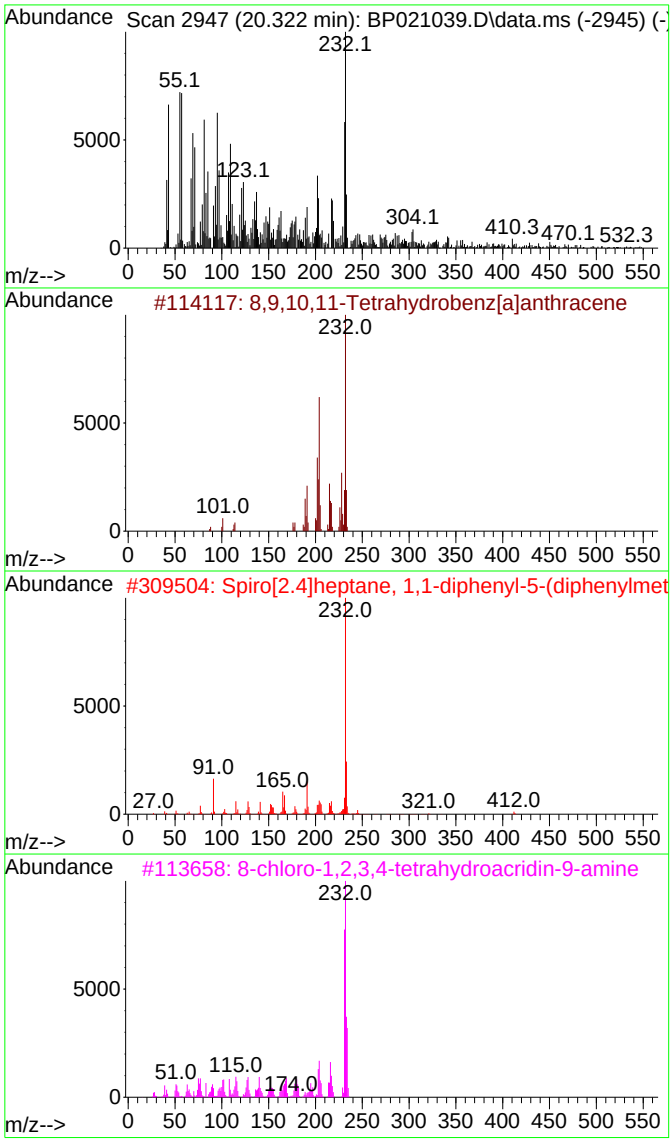
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

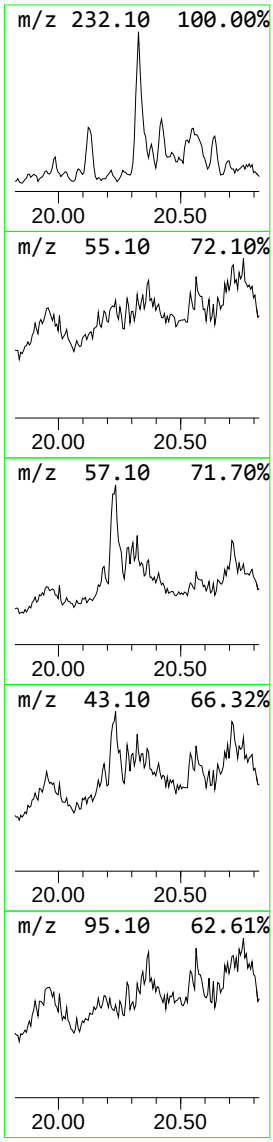
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 8,9,10,11-Tetrahydrobenz[a]... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.322	2.12 ng/ul	615775	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9,10,11-Tetrahydrobenz[a]anthr...	232	C18H16	067064-62-4	64
2	Spiro[2.4]heptane, 1,1-diphenyl-...	412	C32H28	1000150-52-7	59
3	8-chloro-1,2,3,4-tetrahydroacrid...	232	C13H13ClN2	122994-74-5	50
4	1,2,3,4-Tetrahydrobenz[a]anthracene	232	C18H16	004483-98-1	49
5	Phosphine sulfide, methyldiphenyl-	232	C13H13PS	013639-74-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

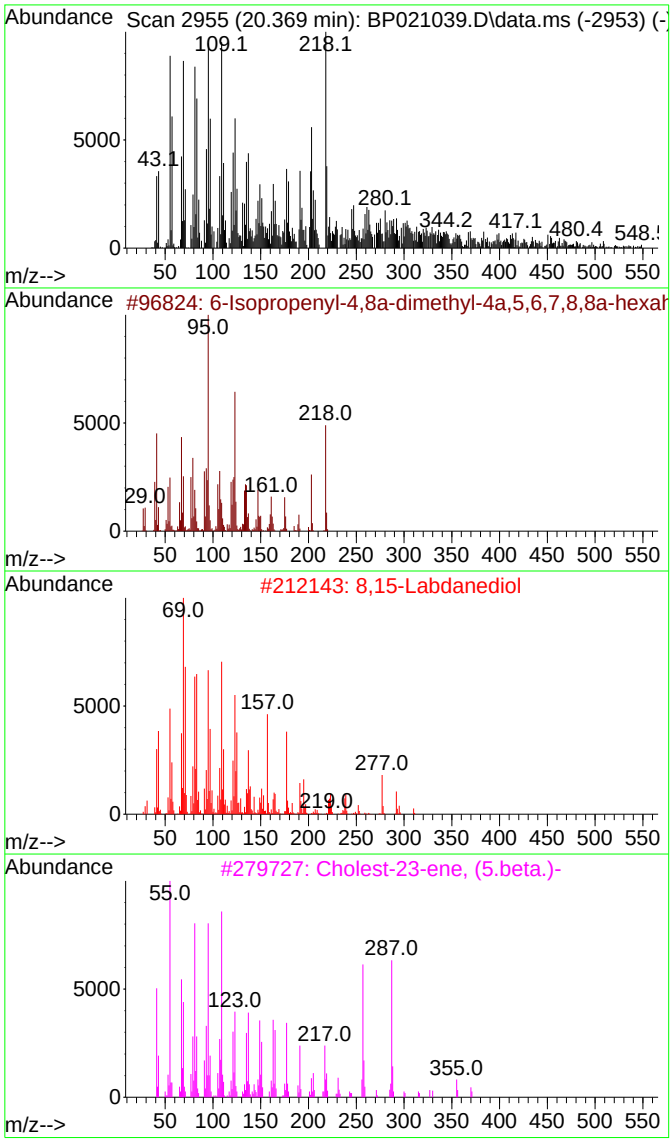
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

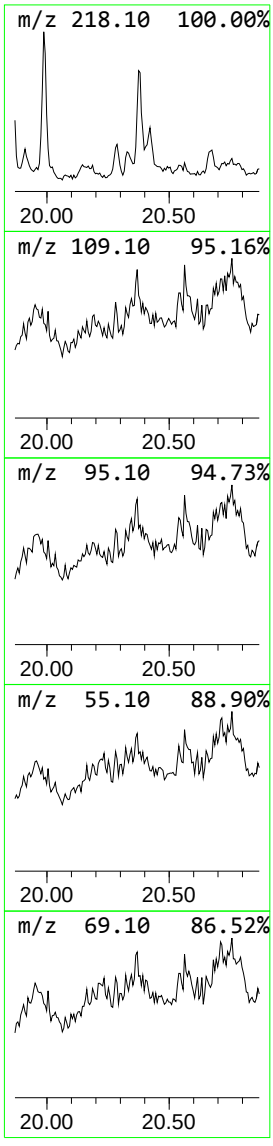
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.369	3.17 ng/ul	920568	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	64
2	8,15-Labdanediol	310	C20H38O2	1000480-26-8	50
3	Cholest-23-ene, (5.beta.)-	370	C27H46	030658-62-9	50
4	5.beta.-Cholest-23-ene, (Z)-	370	C27H46	014949-12-3	50
5	24-Noroleana-3,12-diene	394	C29H46	201358-24-9	50





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Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

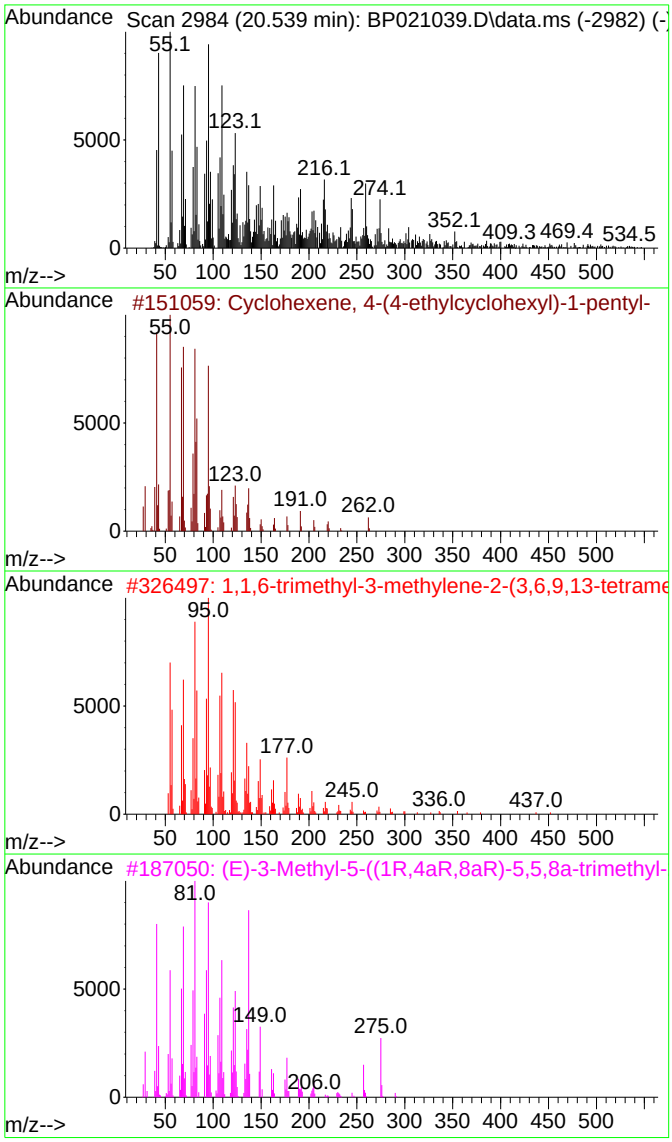
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

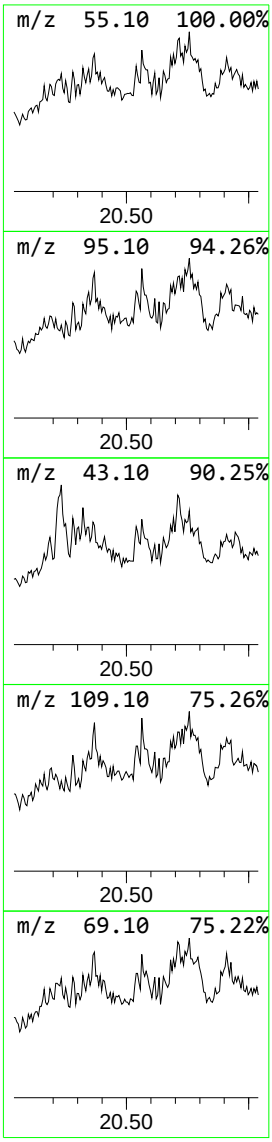
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexene, 4-(4-ethylcycl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	2.38 ng/ul	690312	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	66
2	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	62
3	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	290	C20H34O	021738-29-4	62
4	(1R,2R,8S,8Ar)-8-hydroxy-1-(2-hy...	254	C16H30O2	1000298-98-6	62
5	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

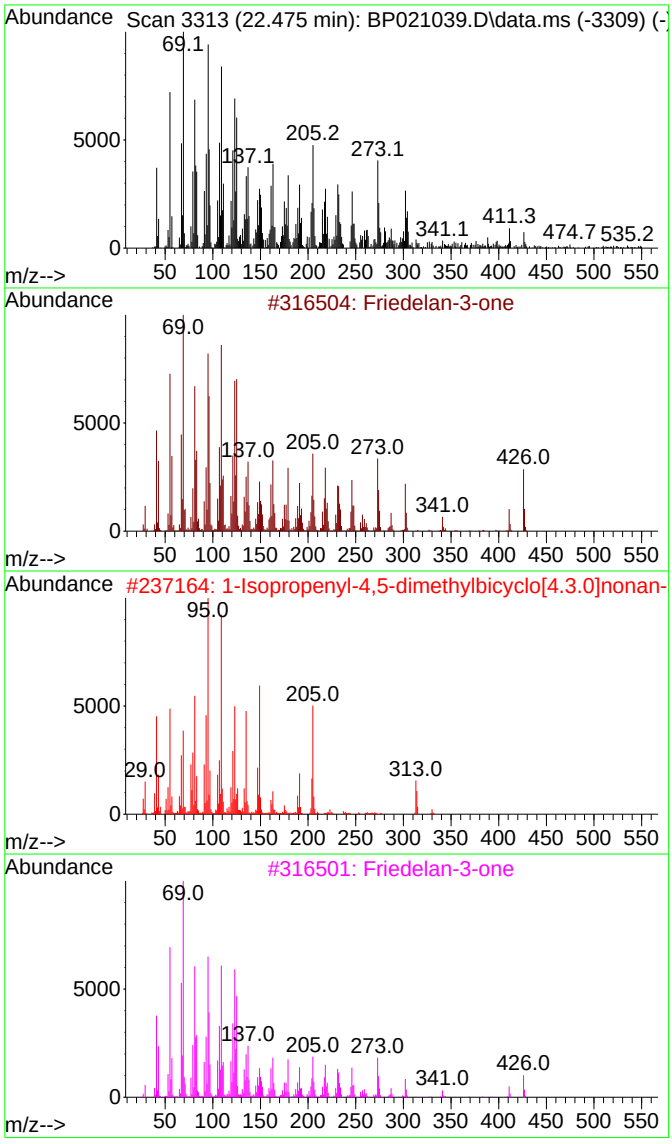
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

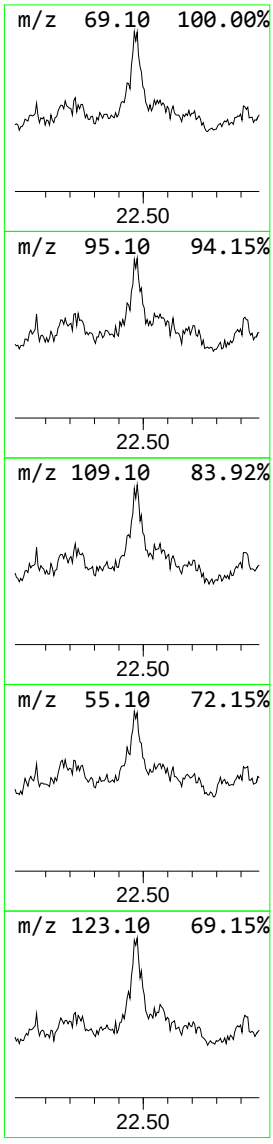
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Isopropenyl-4,5-dimethylb... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.475	8.22 ng/ul	2385630	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	76
2	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	70
3	Friedelan-3-one	426	C30H50O	000559-74-0	68
4	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
5	D:A-Friedo-2,3-secooleanane-2,3-...	502	C32H54O4	088373-58-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021039.D
Acq On : 18 Jul 2024 07:13
Operator : MA/JU
Sample : P3215-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
unknown-01	14.546	26.1	ng/ul	3356300	3	14.322	2568060	20.0
Octadecanoic acid	16.534	2.3	ng/ul	333130	4	17.145	2903080	20.0
2,3-Dihydro far...	17.651	2.5	ng/ul	355226	4	17.145	2903080	20.0
n-Hexadecanoic ...	18.069	11.3	ng/ul	1642630	4	17.145	2903080	20.0
4H-Cyclopenta[d...	18.245	4.5	ng/ul	653312	4	17.145	2903080	20.0
Phenanthrene, 4...	18.292	2.8	ng/ul	403106	4	17.145	2903080	20.0
Cholest-4-en-26...	18.434	8.1	ng/ul	1169940	4	17.145	2903080	20.0
9,10-Anthracene...	18.622	3.8	ng/ul	544226	4	17.145	2903080	20.0
Testosterone	18.698	6.6	ng/ul	964214	4	17.145	2903080	20.0
9,10-Dimethylan...	18.816	4.0	ng/ul	573065	4	17.145	2903080	20.0
unknown-02	19.057	2.4	ng/ul	350711	4	17.145	2903080	20.0
1,12-Bis(2-nitr...	19.222	2.7	ng/ul	388135	4	17.145	2903080	20.0
n-Decanoic acid	19.404	2.4	ng/ul	693011	5	21.592	5801450	20.0
5-Bromo-4-oxo-4...	19.486	3.1	ng/ul	911205	5	21.592	5801450	20.0
1,1,6-trimethyl...	19.516	2.0	ng/ul	581779	5	21.592	5801450	20.0
Pyrene, 1-methyl-	20.286	3.7	ng/ul	1076320	5	21.592	5801450	20.0
8,9,10,11-Tetra...	20.322	2.1	ng/ul	615775	5	21.592	5801450	20.0
6-Isopropenyl-4...	20.369	3.2	ng/ul	920568	5	21.592	5801450	20.0
Cyclohexene, 4-...	20.539	2.4	ng/ul	690312	5	21.592	5801450	20.0
1-Isopropenyl-4...	22.475	8.2	ng/ul	2385630	5	21.592	5801450	20.0