LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

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-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049382.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.096	5	10	19	rBV2	74673	166348	11.05%	1.072%
2	3.178	20	24	30	rVB2	74220	113972	7.57%	0.734%
3	3.884	141	144	155	rBV4	12706	29871	1.98%	0.192%
4	3.983	158	161	166	rVB2	7574	9161	0.61%	0.059%
5	4.213	194	200	206	rVB5	5058	10053	0.67%	0.065%
6	7.221	703	712	720	rBV	36501	73991	4.92%	0.477%
7	7.385	734	740	748	rBV2	23953	44804	2.98%	0.289%
8	7.597	769	776	783	rVB2	34380	61141	4.06%	0.394%
9	8.061	849	855	863	rBV2	114825	207947	13.82%	1.340%
10	8.772	967	976	982	rBV3	44376	83583	5.55%	0.538%
11	8.837	983	987	993	rVB5	4666	8848	0.59%	0.057%
12	9.230	1047	1054	1062	rBV2	38039	70508	4.68%	0.454%
13	9.959	1172	1178	1186	rVV2	32560	60105	3.99%	0.387%
14	10.505	1265	1271	1279	rVB	47192	83395	5.54%	0.537%
15	10.658	1292	1297	1302	rBV5	4188	8920	0.59%	0.057%
16	10.887	1328	1336	1342	rBV	163608	297282	19.75%	1.915%
17	11.022	1353	1359	1369	rBV3	33099	65308	4.34%	0.421%
18	14.030	1866	1871	1877	rBV3	9197	13155	0.87%	0.085%
19	14.107	1879	1884	1890	rVV	99803	150183	9.98%	0.968%
20	14.183	1892	1897	1901	rVB4	4319	6493	0.43%	0.042%
21	14.406	1927	1935	1946	rBV2	94225	182771	12.14%	1.177%
22	14.712	1978	1987	1994	rBV	284642	442825	29.42%	2.853%
23	14.777	1994	1998	2005	rVB3	16602	26550	1.76%	0.171%
24	14.912	2015	2021	2030	rBV4	31409	65538	4.35%	0.422%
25	15.106	2050	2054	2060	rVB3	12368	19194	1.28%	0.124%
26	15.182	2063	2067	2071	rBV2	10429	14736	0.98%	0.095%
27	15.323	2087	2091	2096	rVV3	6928	10821	0.72%	0.070%
28	15.376	2096	2100	2106	rVB2	10312	14440	0.96%	0.093%
29	15.493	2112	2120	2125	rBV5	8038	19321	1.28%	0.124%
30	15.705	2148	2156	2160	rBV	130267	206550	13.72%	1.331%
31	15.752	2160	2164	2171	rVV4	27894	48457	3.22%	0.312%
32	15.817	2171	2175	2184	rVV4	22559	37273	2.48%	0.240%
33	15.922	2188	2193	2197	rBV6	5986	10662	0.71%	0.069%
34	15.963	2197	2200	2205	rVB5	5497	7355	0.49%	0.047%
35	16.052	2211	2215	2223	rVB2	26368	39099	2.60%	0.252%
36	16.198	2231	2240	2248	rVV2	29935	65209	4.33%	0.420%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

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-BG070921.M
Title : SVOA CALIBRATION

37	16.287	2252	2255	2260	rVV3	6616	9637	0.64%	0.062%
38	16.434	2269	2280	2286	rBV7	16631	29600	1.97%	0.191%
39	16.569	2298	2303	2306	rBV4	5449	9351	0.62%	0.060%
40	16.763	2328	2336	2341	rBV3	31133	58513	3.89%	0.377%
41	16.810	2341	2344	2350	rVB5	11384	17817	1.18%	0.115%
42	16.909	2357	2361	2366	rVB3	13285	19499	1.30%	0.126%
43	16.992	2366	2375	2379	rBV4	28246	58707	3.90%	0.378%
44	17.033	2379	2382	2385	rVB3	16061	18541	1.23%	0.119%
45	17.121	2393	2397	2403	rVB4	14440	24822	1.65%	0.160%
46	17.186	2403	2408	2418	rVV4	29158	80808	5.37%	0.521%
47	17.280	2420	2424	2432	rVB3	30059	54809	3.64%	0.353%
48	17.462	2448	2455	2458	rVV	361250	546534	36.31%	3.521%
49	17.503	2458	2462	2467	rVV	454451	701734	46.62%	4.521%
50	17.562	2467	2472	2475	rVV2	141932	247355	16.43%	1.594%
51	17.597	2475	2478	2483	rVV	189343	251433	16.70%	1.620%
52	17.644	2483	2486	2493	rVB5	16943	30562	2.03%	0.197%
53	17.726	2498	2500	2505	rBV5	6371	9569	0.64%	0.062%
54	17.814	2512	2515	2520	rVB5	6034	8013	0.53%	0.052%
55	17.896	2520	2529	2534	rBV7	21090	54390	3.61%	0.350%
56	17.979	2540	2543	2550	rBV	15280	19658	1.31%	0.127%
57	18.043	2550	2554	2555	rBV3	7097	8717	0.58%	0.056%
58	18.184	2572	2578	2581	rBV4	7258	15240	1.01%	0.098%
59	18.337	2599	2604	2608	rBV	109519	159136	10.57%	1.025%
60	18.384	2608	2612	2618	rVB	137332	212166	14.10%	1.367%
61	18.466	2621	2626	2631	rBV	97521	145623	9.67%	0.938%
62	18.537	2631	2638	2642	rBV4	150635	290831	19.32%	1.874%
63	18.637	2652	2655	2660	rBV6	4838	8493	0.56%	0.055%
64	18.778	2675	2679	2683	rBV4	12774	23567	1.57%	0.152%
65	18.831	2683	2688	2693	rVV	84498	121938	8.10%	0.786%
66	19.077	2726	2730	2734	rVB2	22995	33765	2.24%	0.218%
67	19.124	2734	2738	2741	rBV2	30873	39573	2.63%	0.255%
68	19.166	2742	2745	2751	rVB	24664	33947	2.26%	0.219%
69	19.242	2753	2758	2764	rBV3	62550	130156	8.65%	0.839%
70	19.383	2779	2782	2786	rBV3	24551	39873	2.65%	0.257%
71	19.512	2798	2804	2810	rBV	920192	1344017	89.29%	8.659%
72	19.612	2817	2821	2825	rVB5	22942	27053	1.80%	0.174%
73	19.659	2825	2829	2834	rBV	74951	115327	7.66%	0.743%
74	19.847	2854	2861	2863	rBV2	319866	541343	35.96%	3.488%
75	19.877	2863	2866	2874	rVV	509287	719992	47.83%	4.638%
76	19.941	2874	2877	2884	rVB2	60153	100543	6.68%	0.648%

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Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

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-BG070921.M
Title : SVOA CALIBRATION

77	20.047	2890	2895	2901	rVB	80061	124168	8.25%	0.800%
78	20.194	2914	2920	2927	rBV5	80579	210971	14.02%	1.359%
79	20.323	2938	2942	2943	rBV2	53520	63658	4.23%	0.410%
80	20.364	2945	2949	2954	rVB	236794	344081	22.86%	2.217%
81	20.464	2961	2966	2970	rBV	232656	304860	20.25%	1.964%
82	20.523	2970	2976	2980	rVB2	90086	166114	11.04%	1.070%
83	20.611	2986	2991	2995	rBV6	27671	56448	3.75%	0.364%
84	20.664	2996	3000	3003	rVV2	43555	66346	4.41%	0.427%
85	20.711	3005	3008	3018	rVB3	69226	125677	8.35%	0.810%
86	20.817	3022	3026	3031	rVB	236564	283304	18.82%	1.825%
87	20.958	3047	3050	3053	rBV4	28959	37447	2.49%	0.241%
88	21.081	3068	3071	3077	rBV3	32762	54079	3.59%	0.348%
89	21.316	3108	3111	3115	rBV	46130	63429	4.21%	0.409%
90	21.363	3115	3119	3123	rVB2	68827	102971	6.84%	0.663%
91	21.410	3124	3127	3133	rVV2	40376	66172	4.40%	0.426%
92	21.733	3175	3182	3188	rBV2	581805	1505219	100.00%	9.697%
93	21.792	3188	3192	3203	rVB	371494	647956	43.05%	4.174%
94	21.951	3214	3219	3224	rBV2	44248	81226	5.40%	0.523%
95	22.015	3226	3230	3236	rVB2	45689	80723	5.36%	0.520%
96	23.995	3557	3567	3573	rBV2	214963	726881	48.29%	4.683%
97	24.248	3605	3610	3619	rVB	66221	160150	10.64%	1.032%
98	24.877	3711	3717	3728	rVB2	122753	334994	22.26%	2.158%
99	25.035	3734	3744	3756	rBV3	218361	699155	46.45%	4.504%
100	26.228	3942	3947	3957	rVB8	29985	77730	5.16%	0.501%

Sum of corrected areas: 15522280

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Data File : BG049382.D
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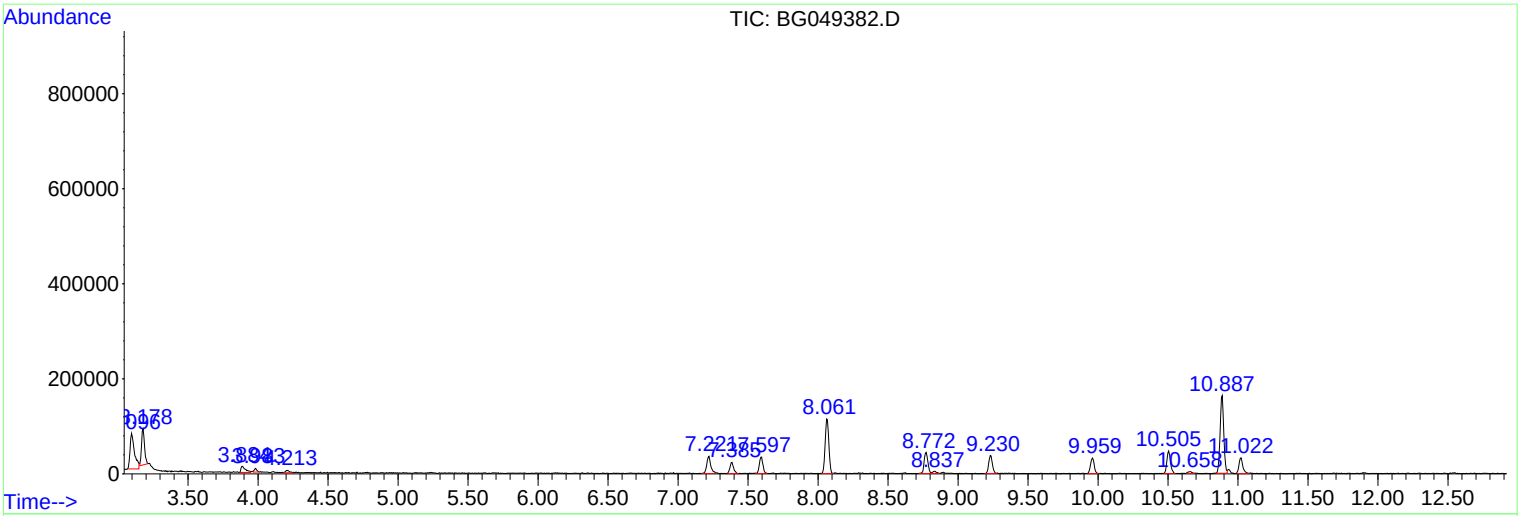
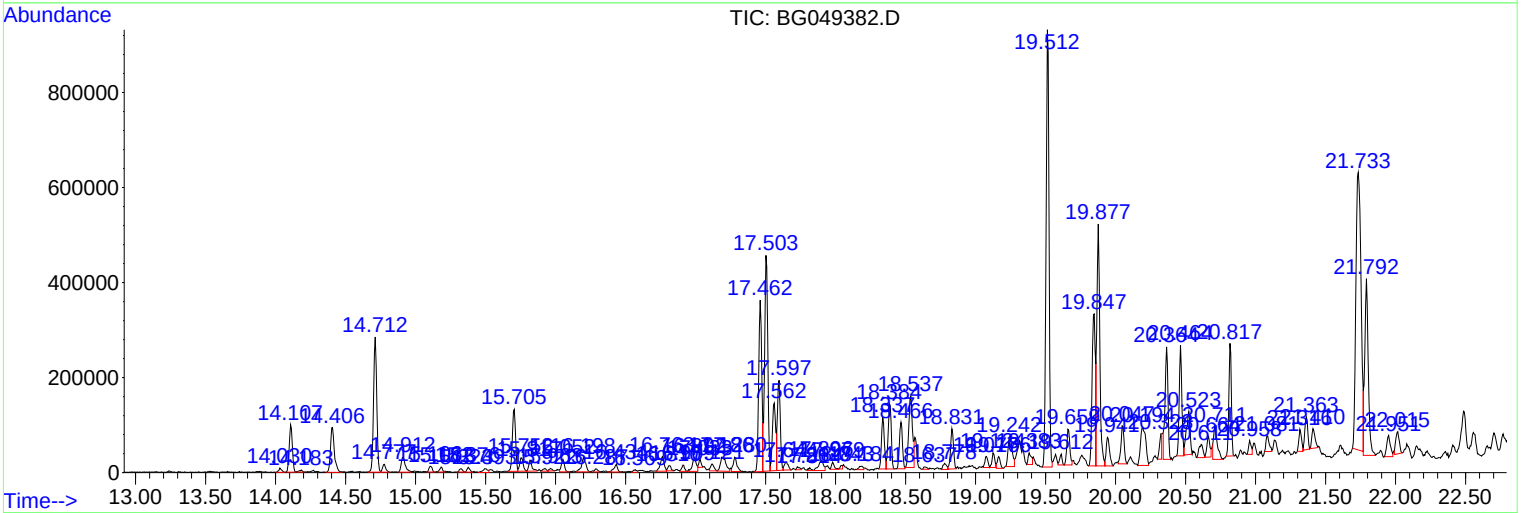
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

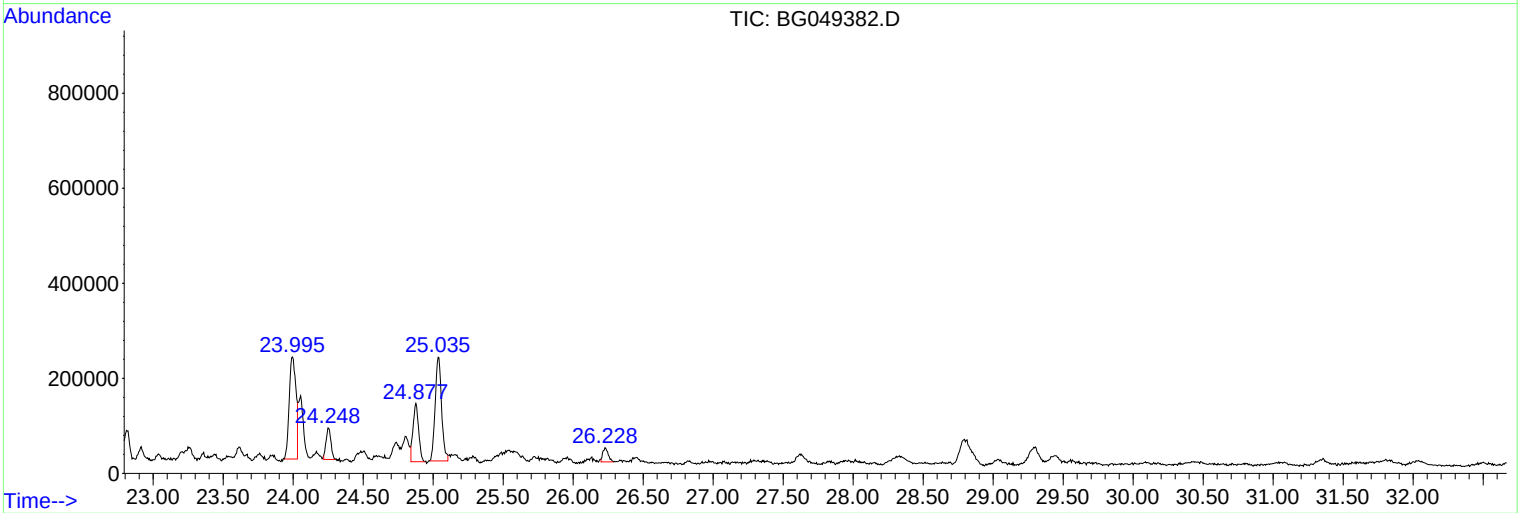
Instrument :
BNA_G
ClientSampleId :
BGE17DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17DL

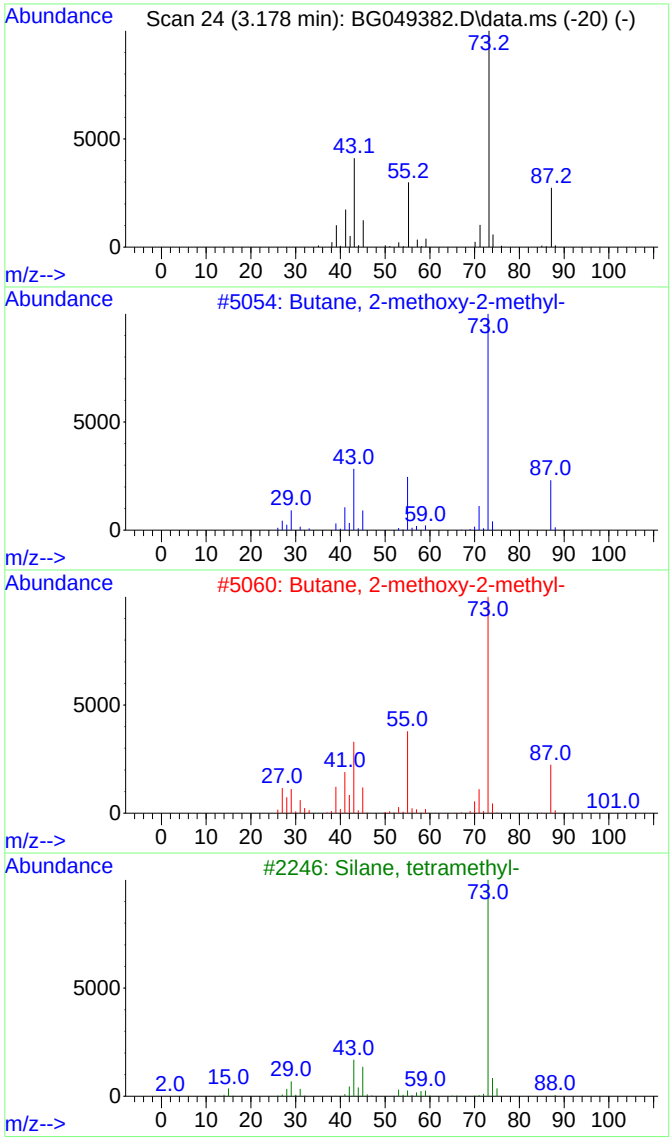
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

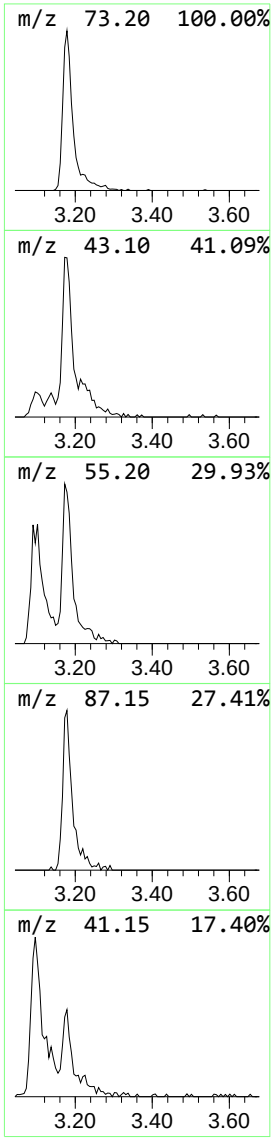
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	10.96 ng/ul	113972	1,4-Dichlorobenzene-d4	8.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





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Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

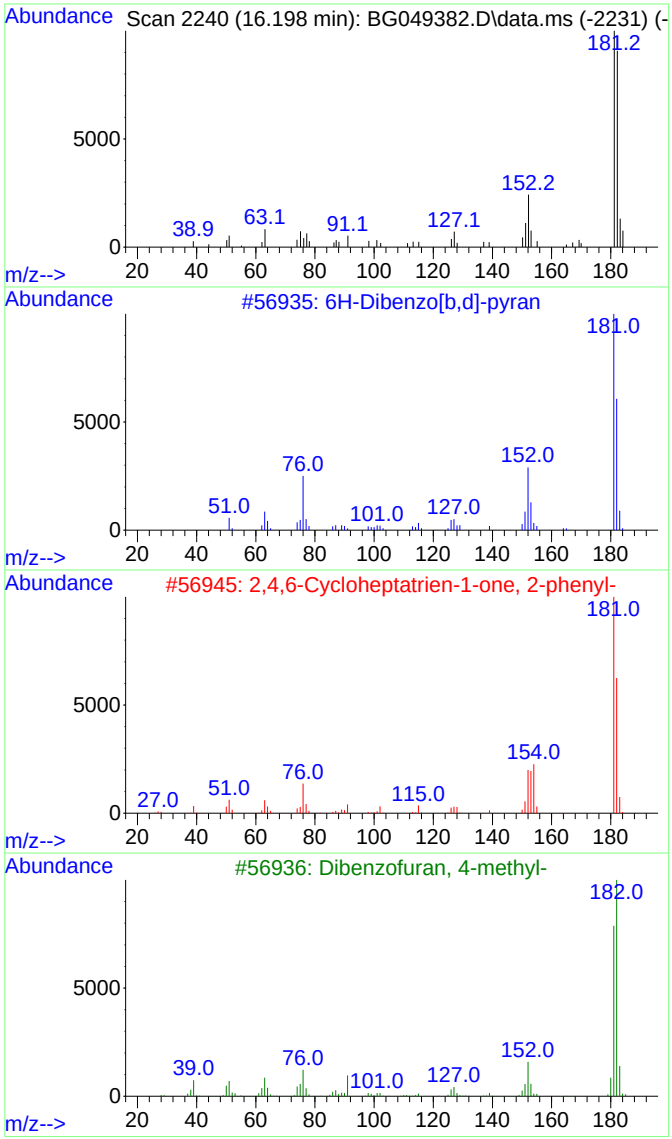
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

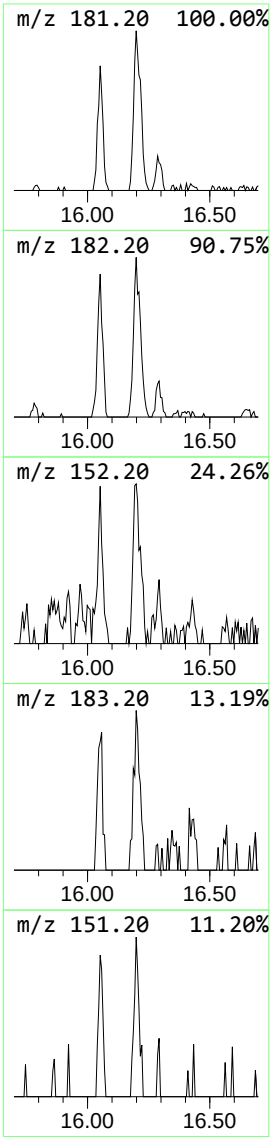
****

Peak Number 3 6H-Dibenzo[b,d]-pyran Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.200	2.39 ng/ul	65209	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

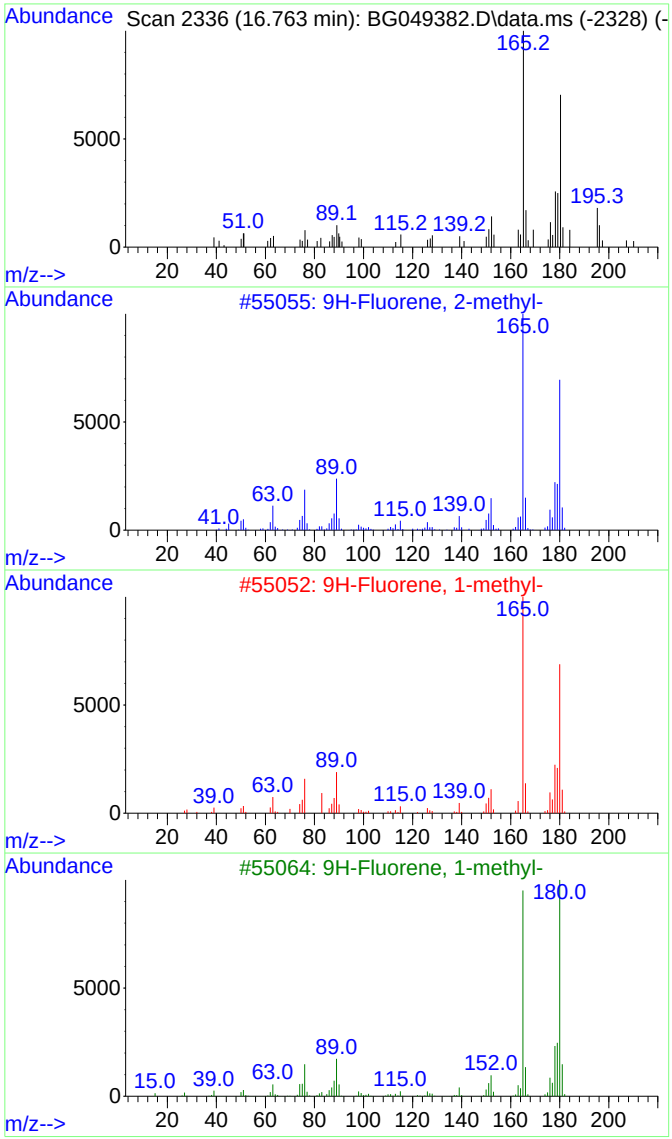
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

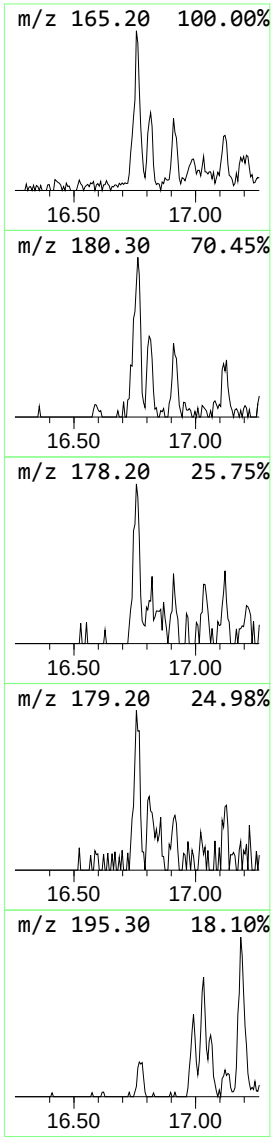
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.760	2.14 ng/ul	58513	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
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Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17DL

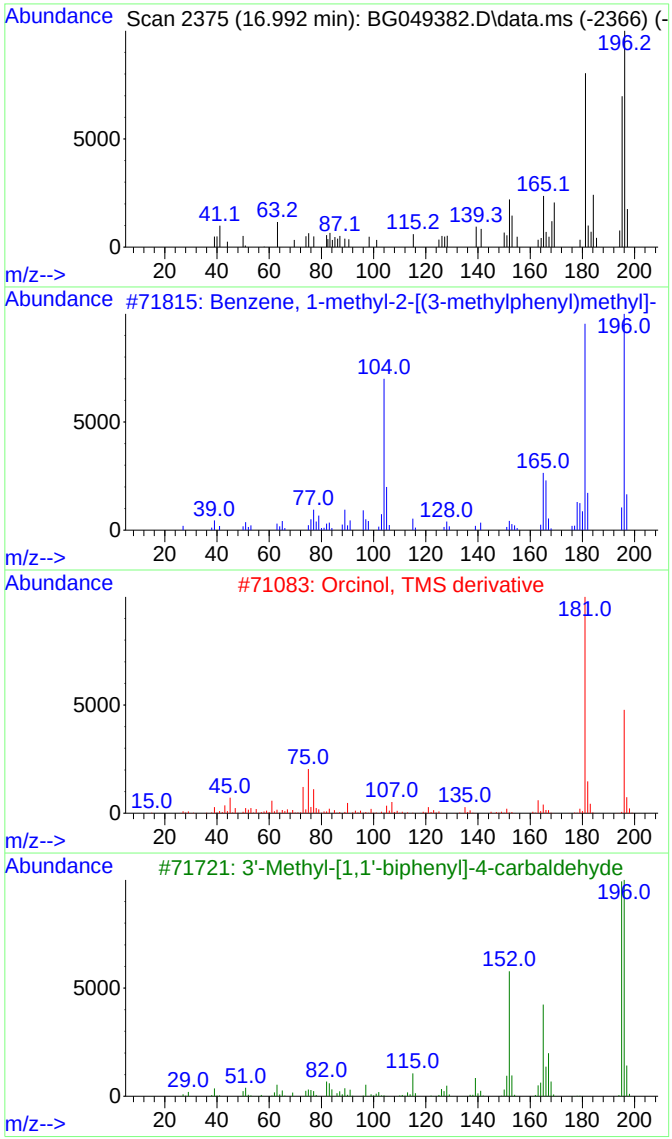
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

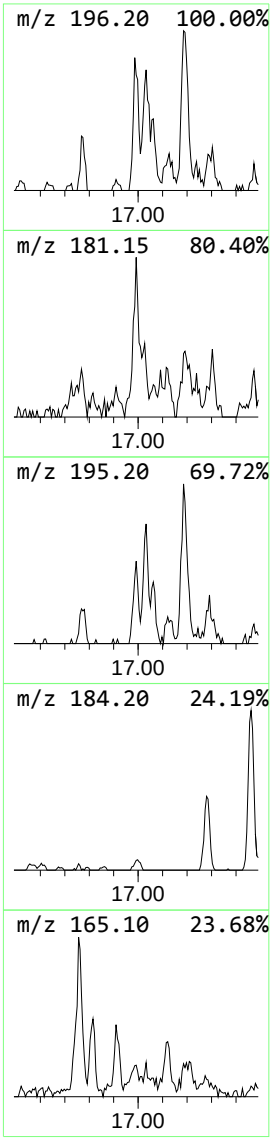
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-2-[(3-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	2.15 ng/ul	58707	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	52
2	Orcinol, TMS derivative	196	C10H16O2Si	1000352-83-3	49
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	49
4	2'-Hydroxy-3',4'-dimethoxyacetop...	196	C10H12O4	1000433-07-2	49
5	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17DL

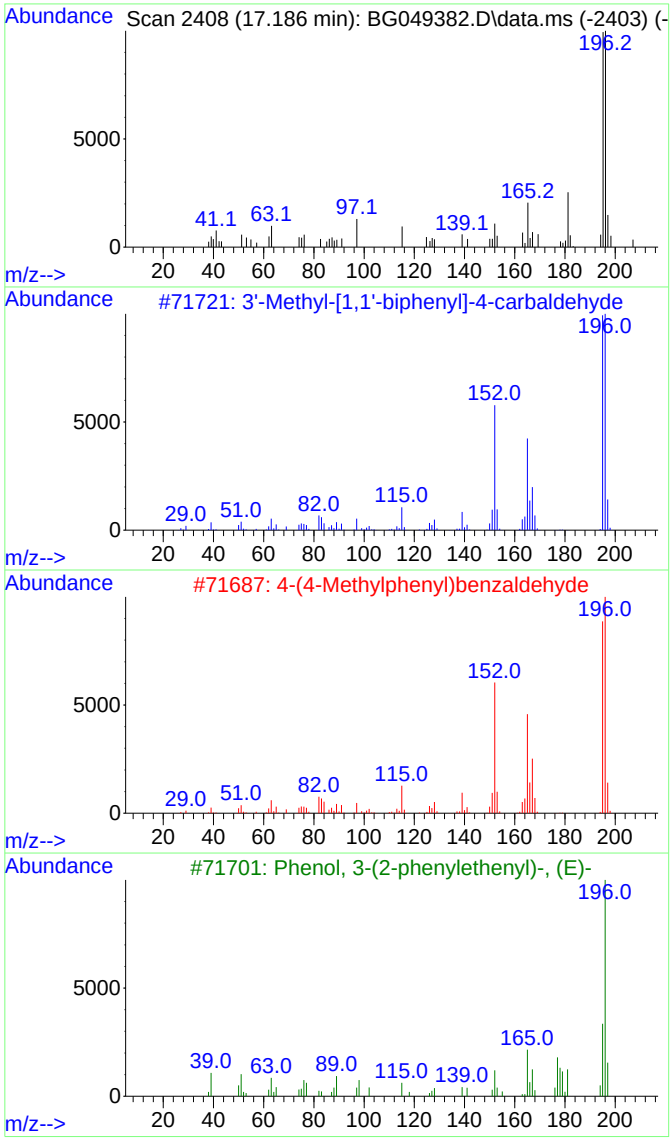
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

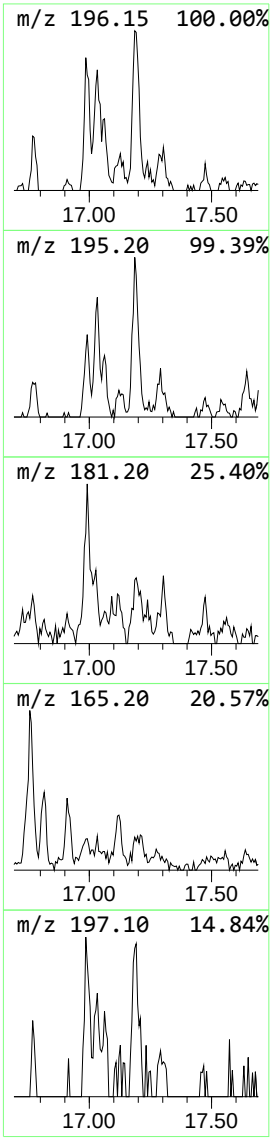
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.190	2.96 ng/ul	80808	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	64
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	64
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
4	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	53
5	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53





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Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

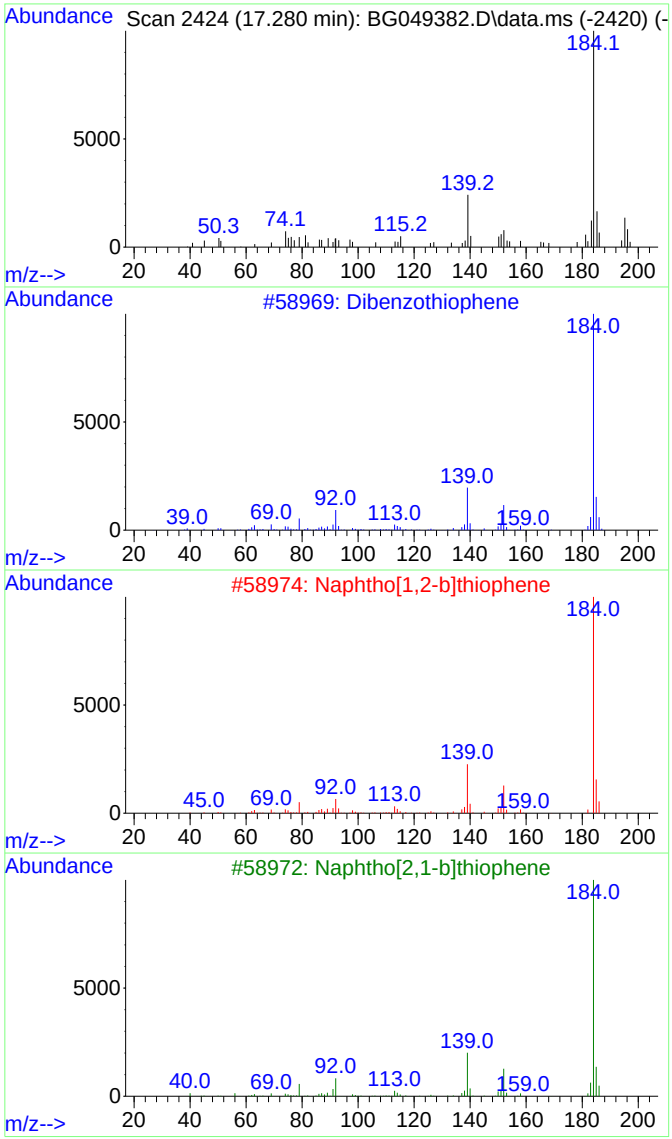
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

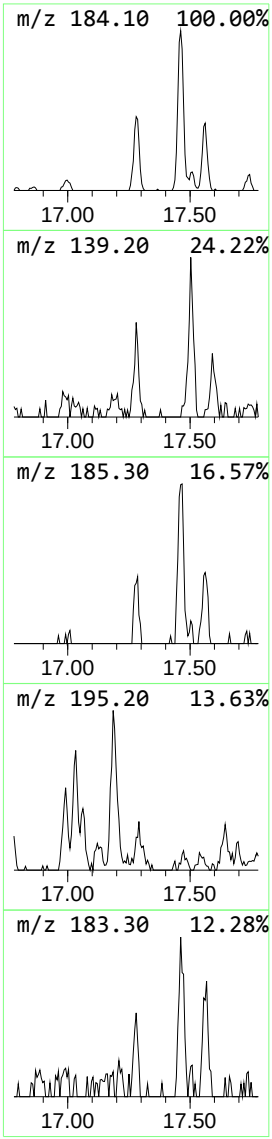
****

Peak Number 7 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	2.01 ng/ul	54809	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	81
4	Dibenzothiophene	184	C12H8S	000132-65-0	76
5	Dibenzothiophene	184	C12H8S	000132-65-0	76





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Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17DL

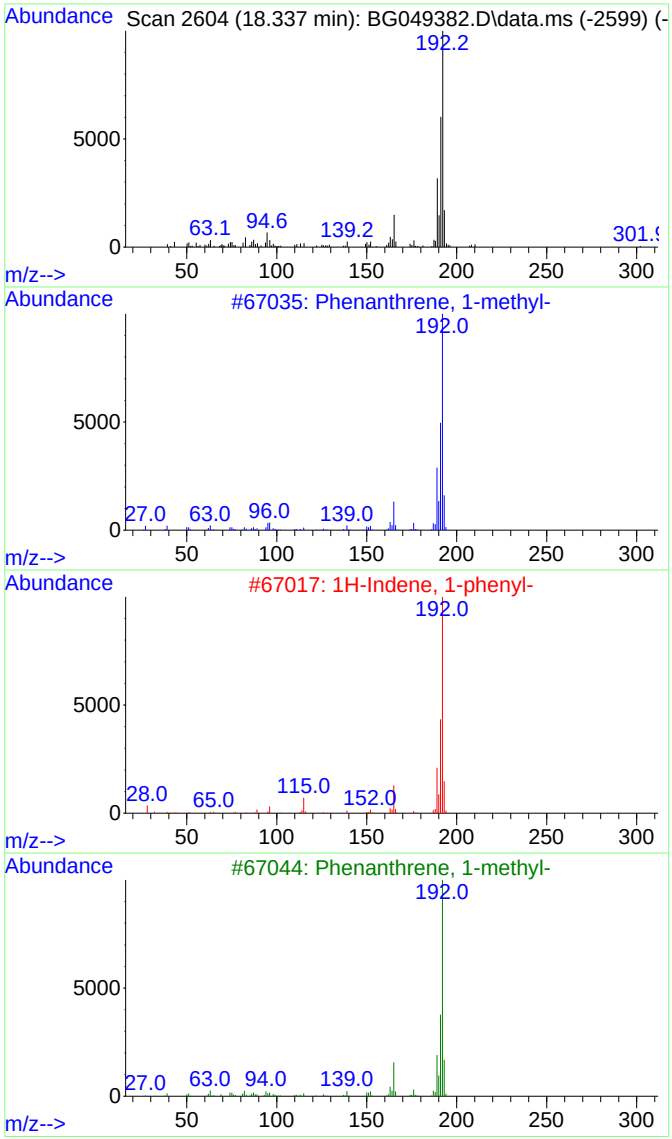
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

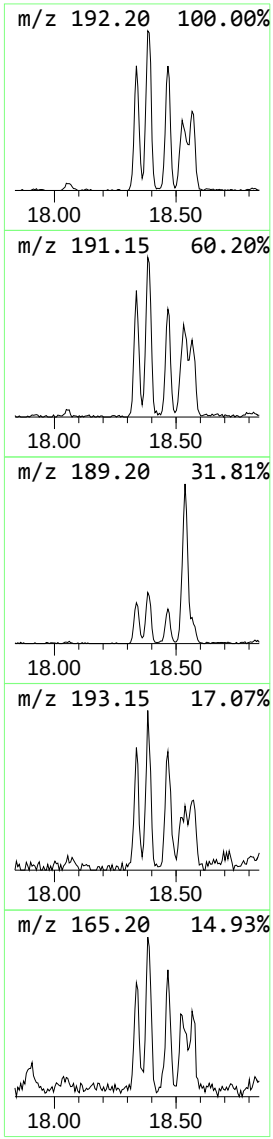
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	5.82 ng/ul	159136	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

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Quant Title : SVOA CALIBRATION

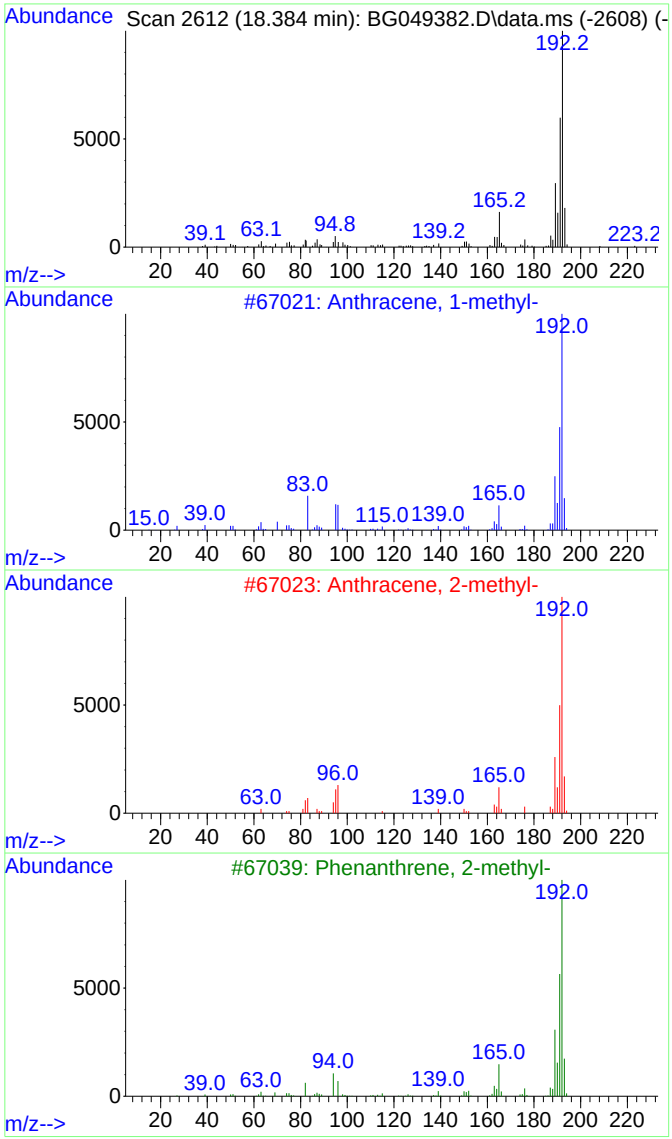
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

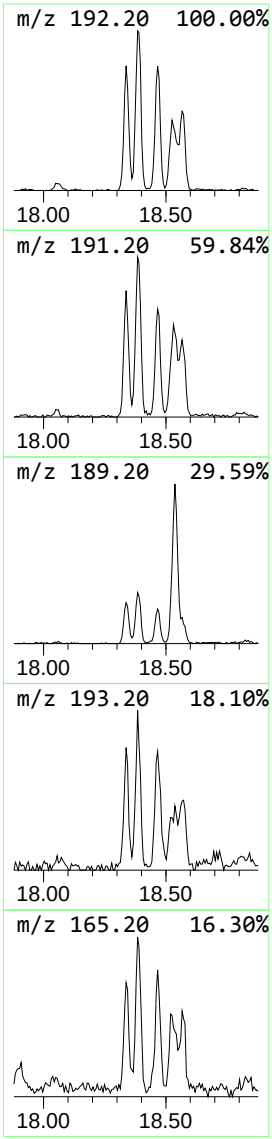
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	7.76 ng/ul	212166	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17DL

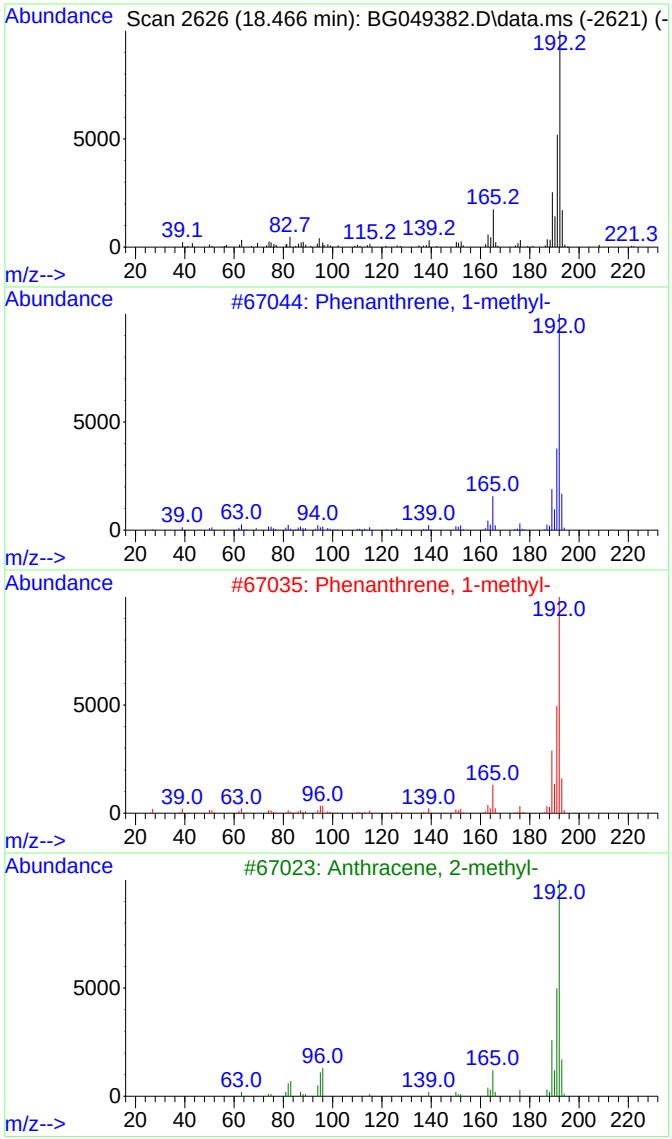
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

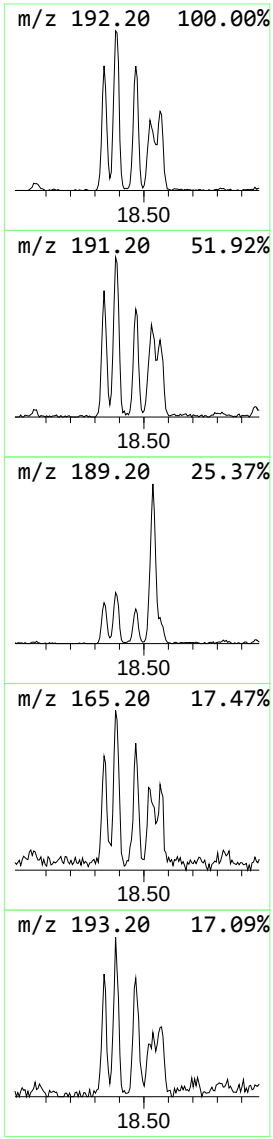
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	5.33 ng/ul	145623	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Acq On : 16 Jul 2021 17:28
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Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

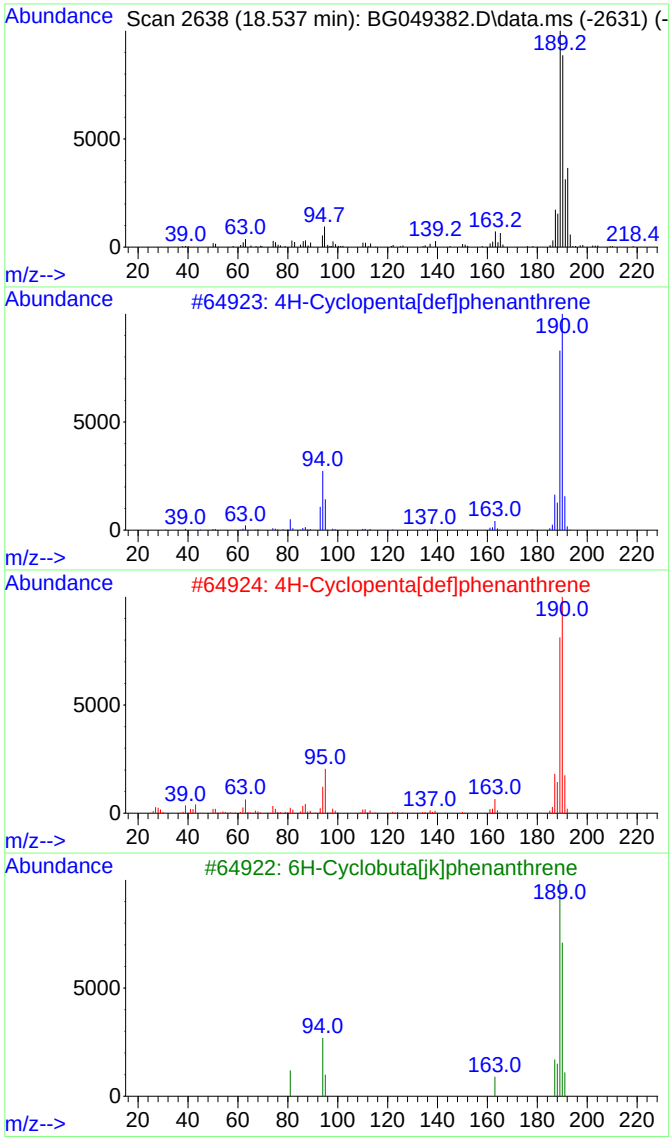
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

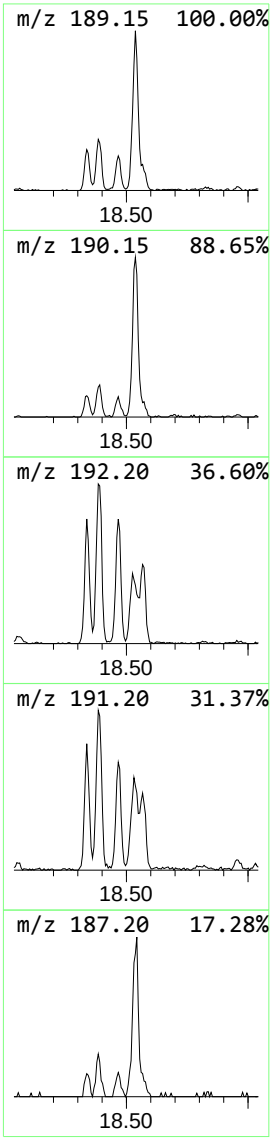
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	10.64 ng/ul	290831	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

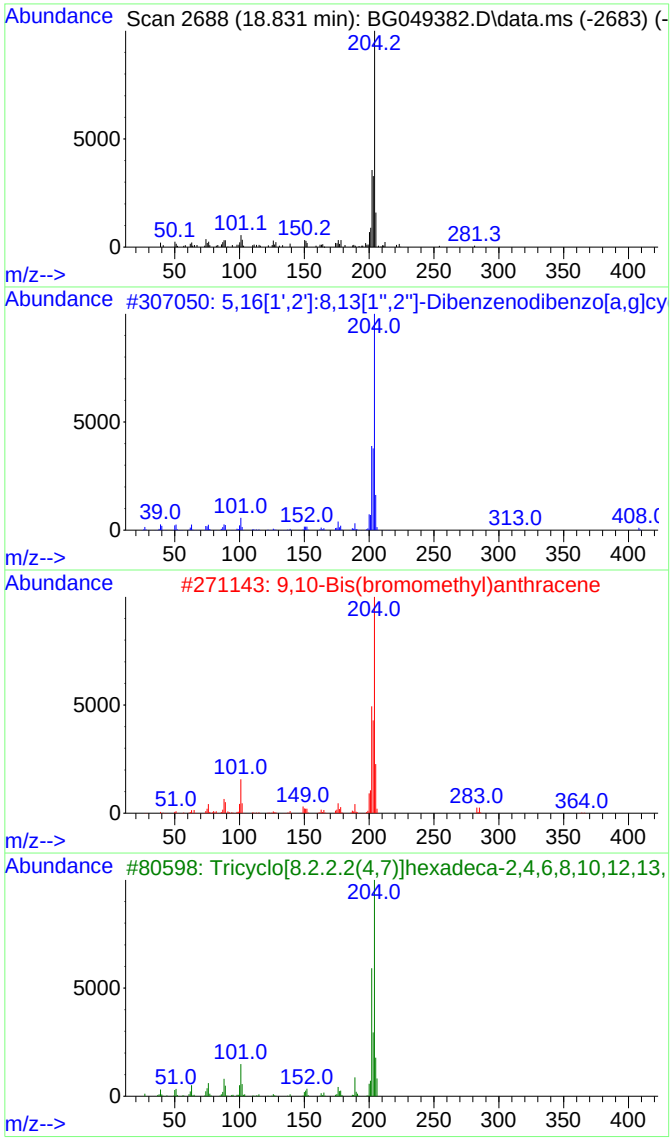
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

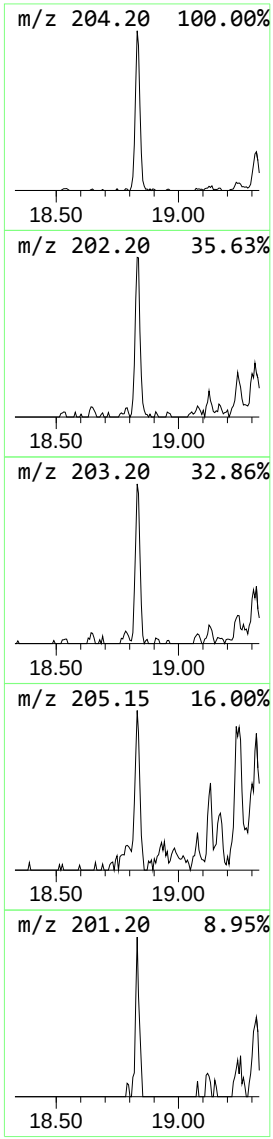
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.830	4.46 ng/ul	121938	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	72





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Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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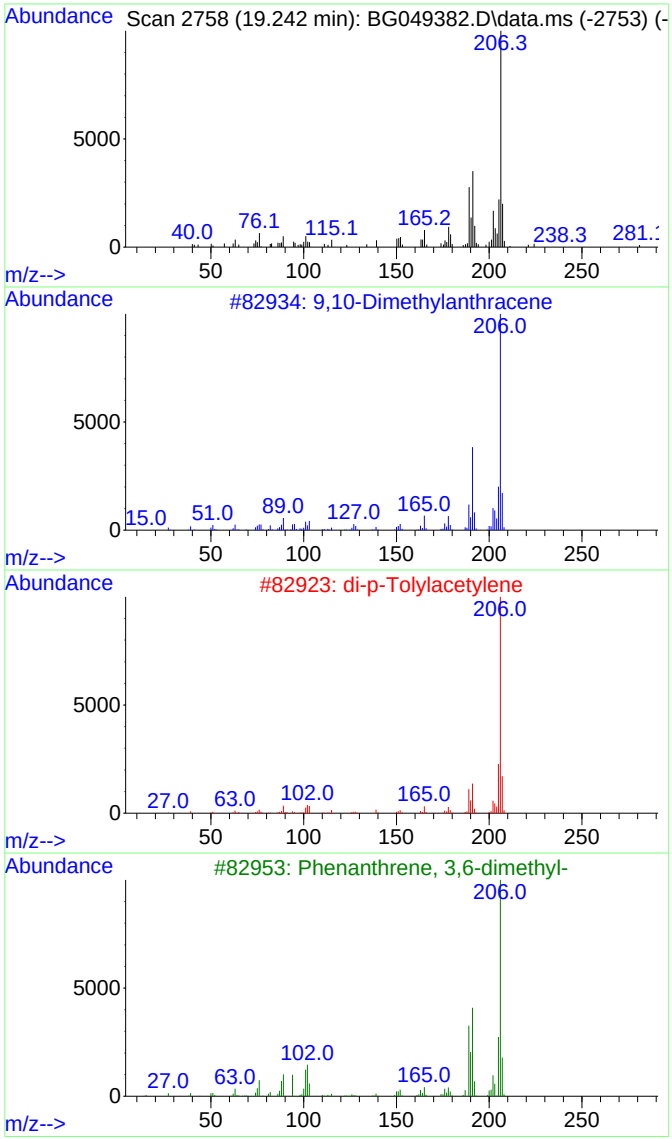
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

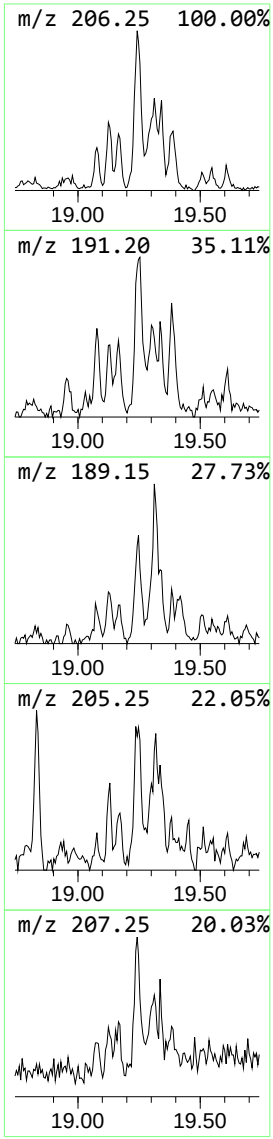
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	4.76 ng/ul	130156	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

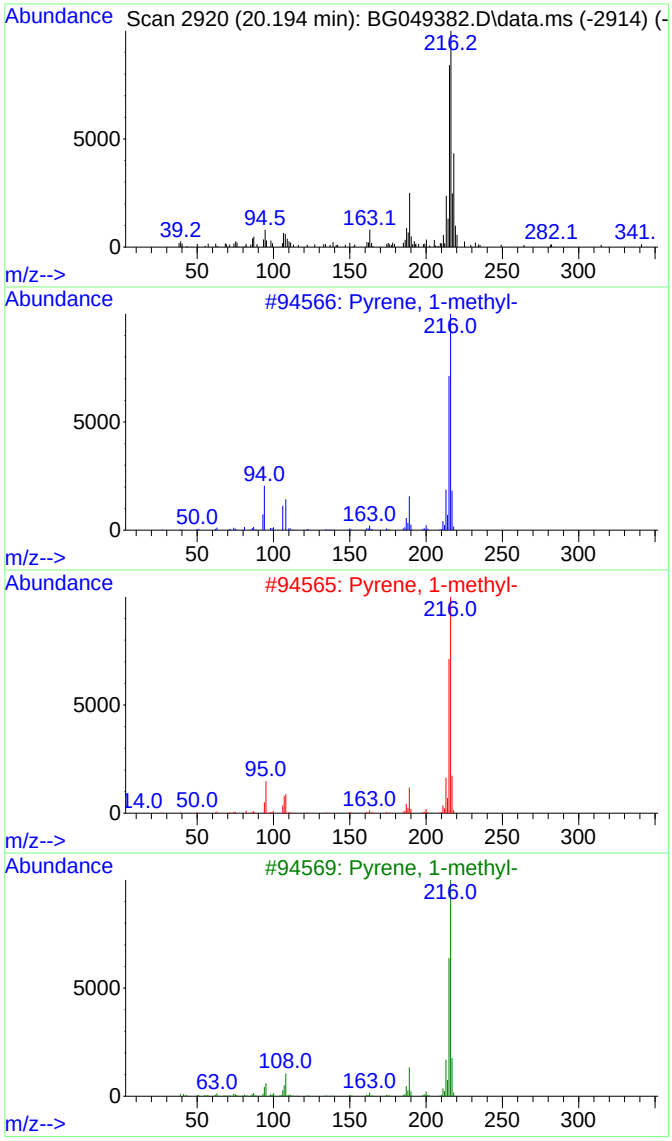
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

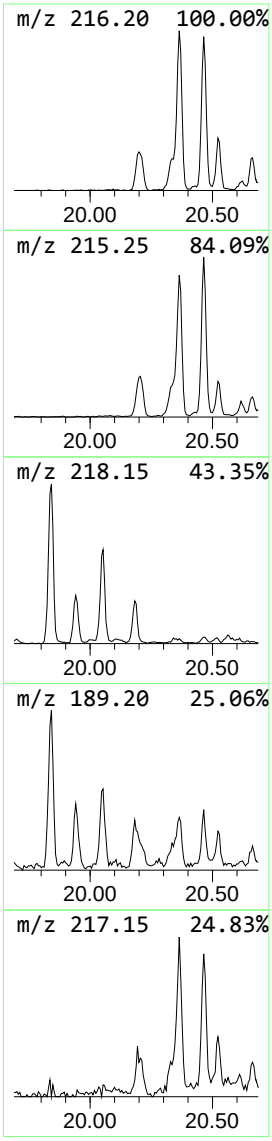
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	2.80 ng/ul	210971	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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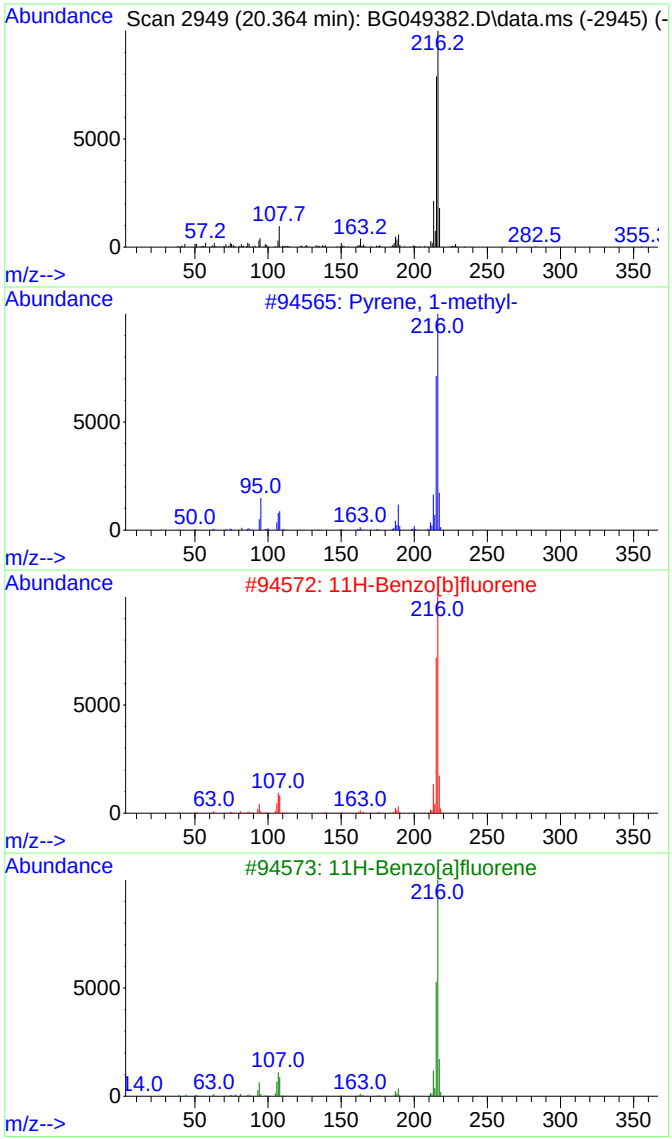
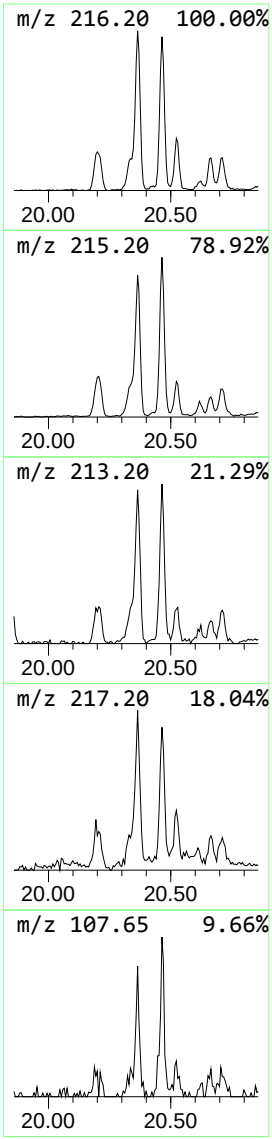
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.360	4.57 ng/ul	344081	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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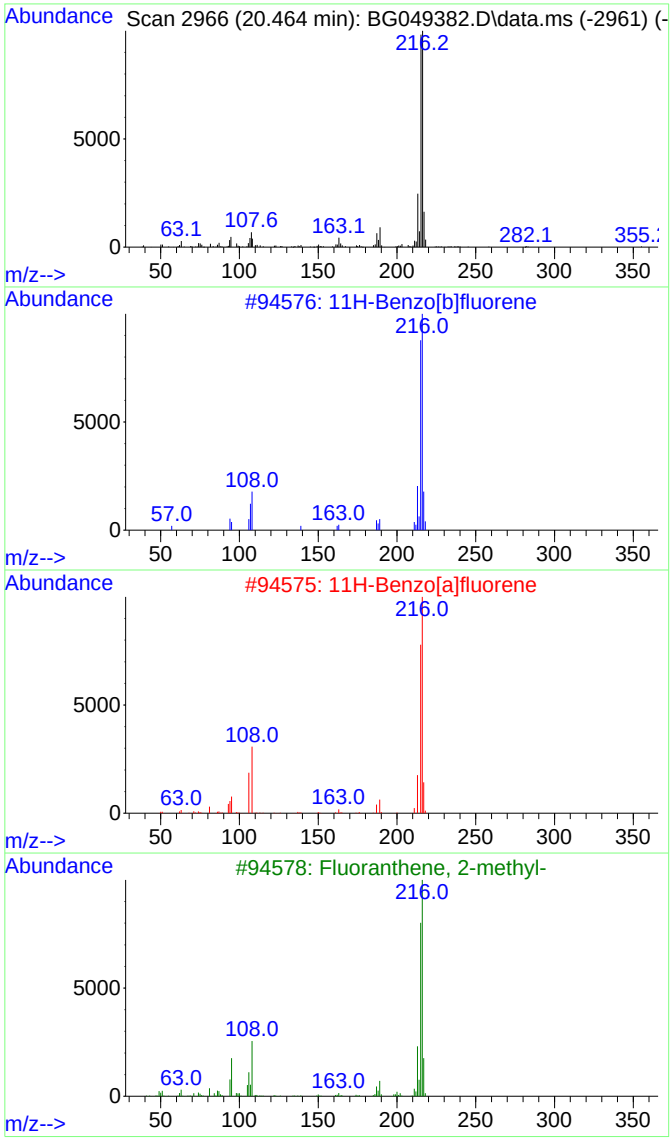
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

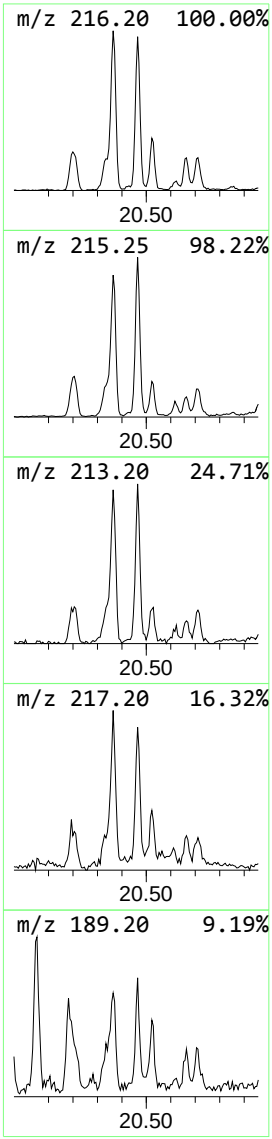
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.460	4.05 ng/ul	304860	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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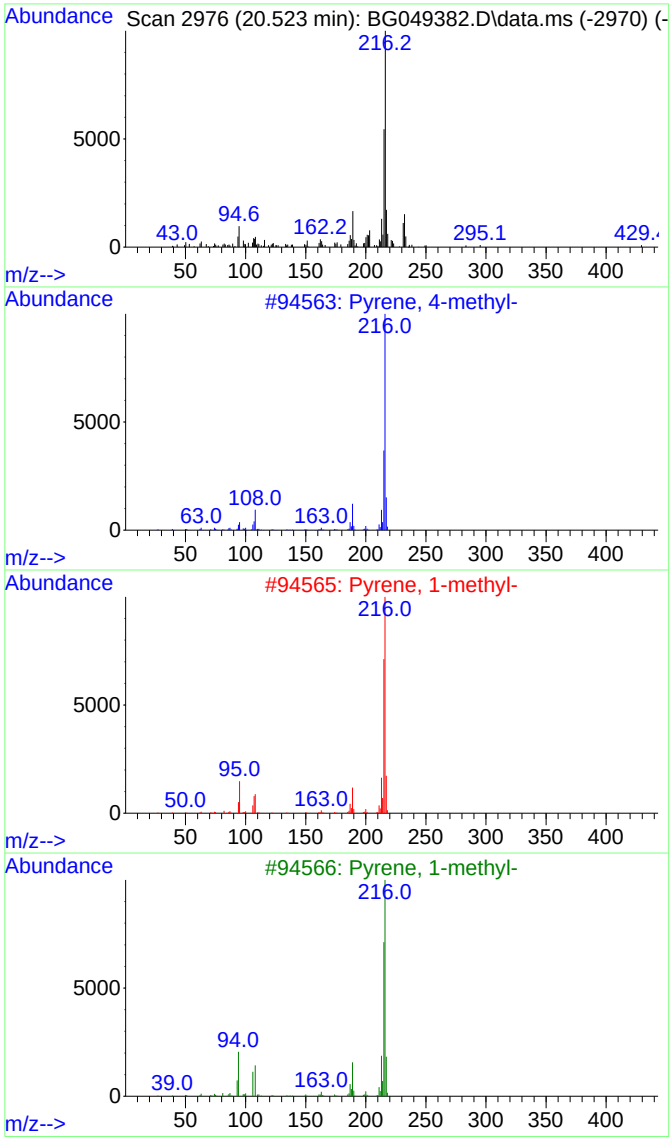
Quant Title : SVOA CALIBRATION

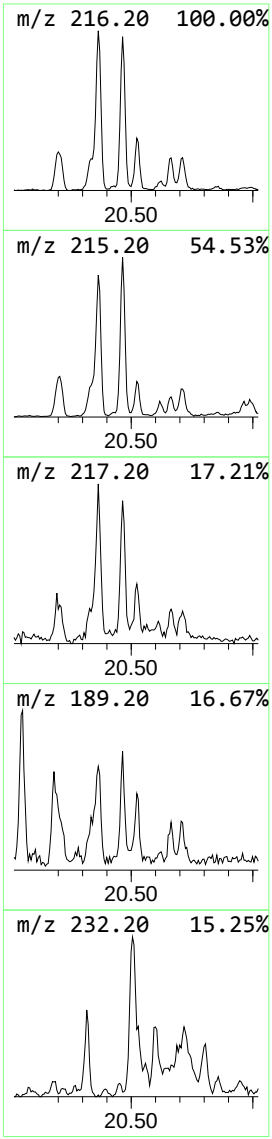
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	2.21 ng/ul	166114	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

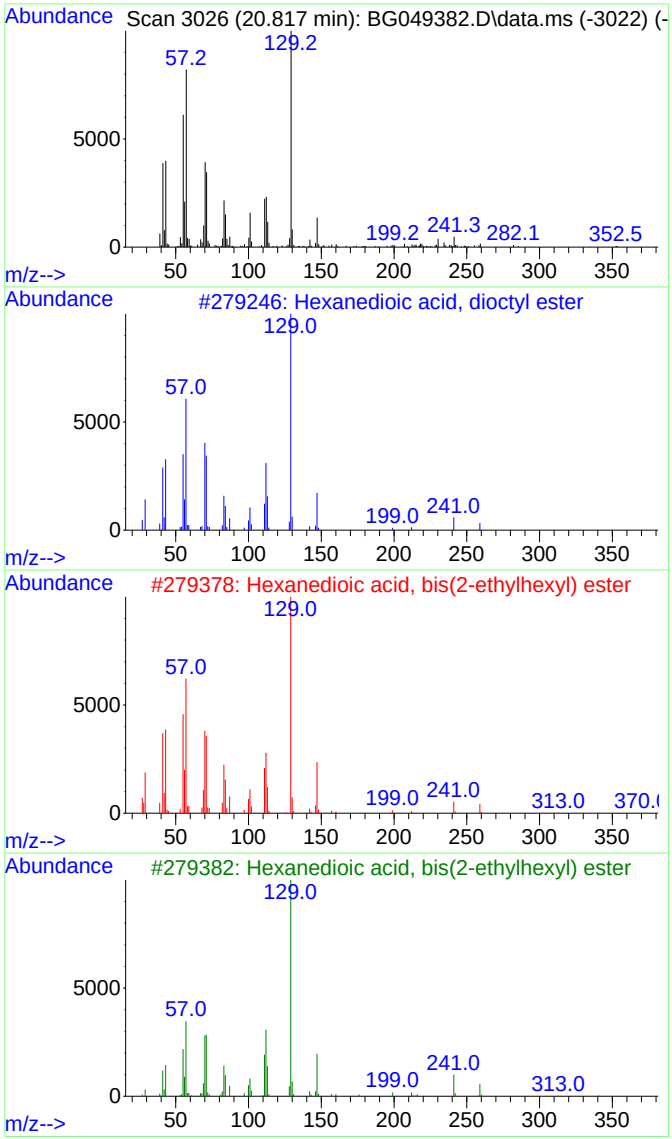
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

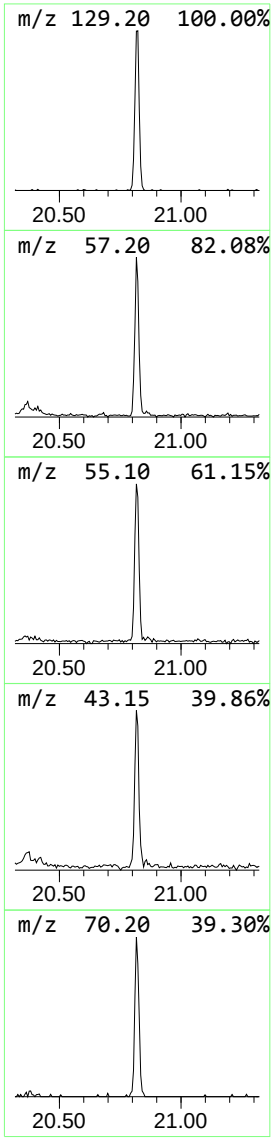
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexanedioic acid, dioctyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	3.76 ng/ul	283304	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	68
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	68
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

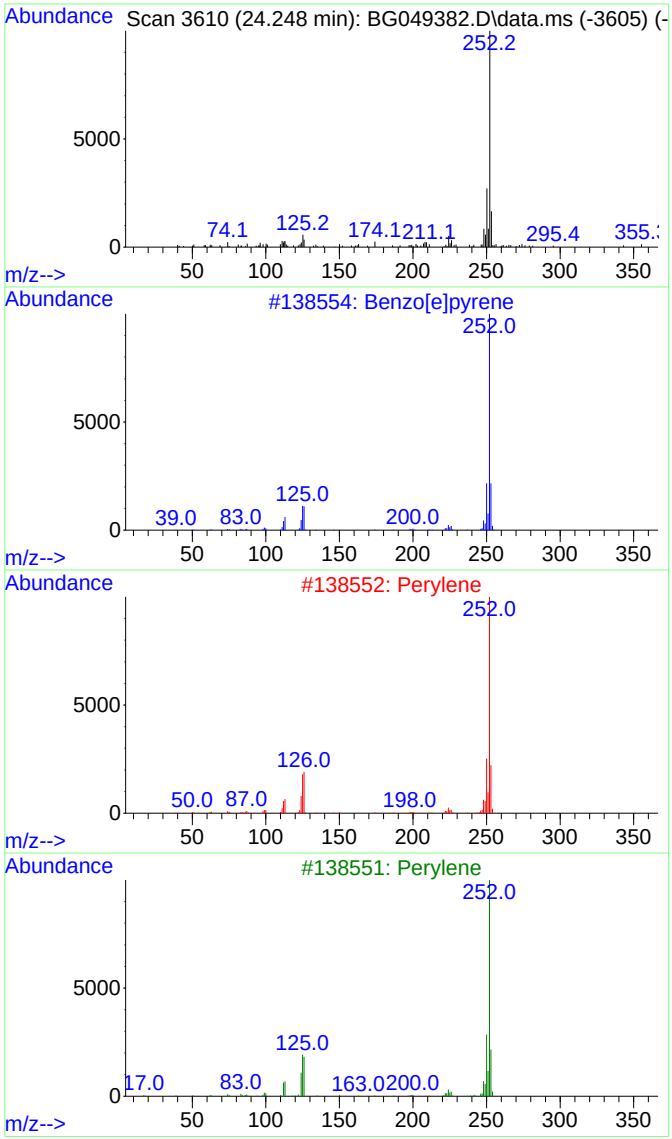
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

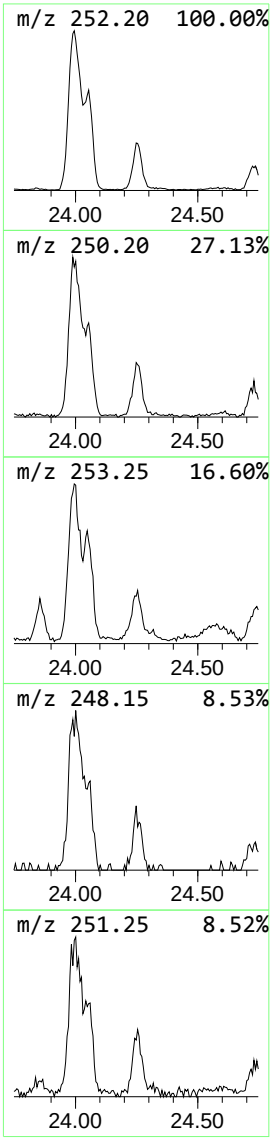
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.250	4.58 ng/ul	160150	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	70
2	Perylene	252	C20H12	000198-55-0	68
3	Perylene	252	C20H12	000198-55-0	68
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

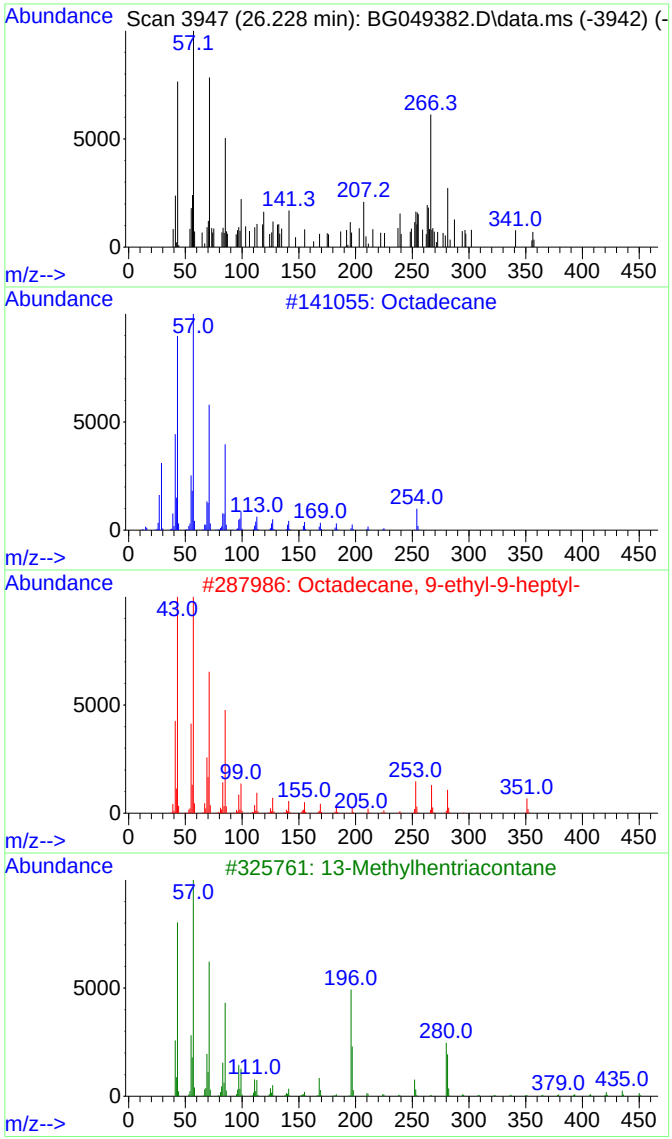
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

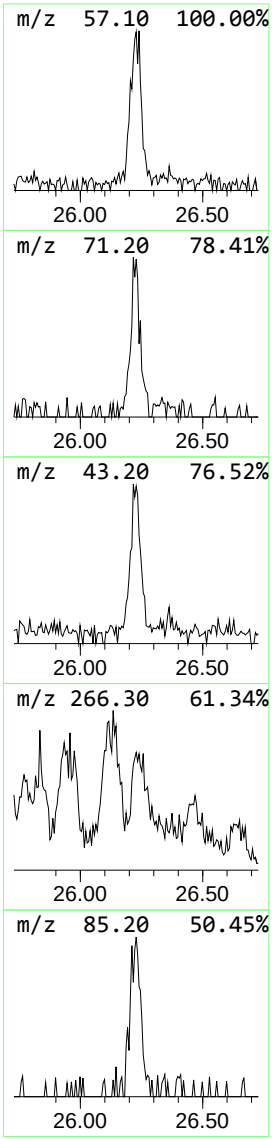
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.230	2.22 ng/ul	77730	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	45
2	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	38
3	13-Methylhentriacontane	451	C32H66	1000131-19-4	37
4	Octadecane, 1-[2-(hexadecyloxy)e...	539	C36H74O2	017367-10-1	32
5	Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049382.D
Acq On : 16 Jul 2021 17:28
Operator : CG/JU
Sample : M2970-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.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
Butane, 2-metho...	3.180	11.0	ng/ul	113972	1	8.061	207947	20.0
6H-Dibenzo[b,d]...	16.200	2.4	ng/ul	65209	4	17.462	546534	20.0
9H-Fluorene, 2-...	16.760	2.1	ng/ul	58513	4	17.462	546534	20.0
Benzene, 1-meth...	16.990	2.1	ng/ul	58707	4	17.462	546534	20.0
3'-Methyl-[1,1'...	17.190	3.0	ng/ul	80808	4	17.462	546534	20.0
Dibenzothiophene	17.280	2.0	ng/ul	54809	4	17.462	546534	20.0
Phenanthrene, 1...	18.340	5.8	ng/ul	159136	4	17.462	546534	20.0
Anthracene, 1-m...	18.380	7.8	ng/ul	212166	4	17.462	546534	20.0
Anthracene, 2-m...	18.470	5.3	ng/ul	145623	4	17.462	546534	20.0
4H-Cyclopenta[d...	18.540	10.6	ng/ul	290831	4	17.462	546534	20.0
5,16[1',2']:8,1...	18.830	4.5	ng/ul	121938	4	17.462	546534	20.0
9,10-Dimethylan...	19.240	4.8	ng/ul	130156	4	17.462	546534	20.0
Fluoranthene, 2...	20.190	2.8	ng/ul	210971	5	21.745	1505220	20.0
Pyrene, 1-methyl-	20.360	4.6	ng/ul	344081	5	21.745	1505220	20.0
11H-Benzo[b]flu...	20.460	4.0	ng/ul	304860	5	21.745	1505220	20.0
Pyrene, 4-methyl-	20.520	2.2	ng/ul	166114	5	21.745	1505220	20.0
Hexanedioic aci...	20.820	3.8	ng/ul	283304	5	21.745	1505220	20.0
Benzo[e]pyrene	24.250	4.6	ng/ul	160150	6	25.035	699155	20.0
(DEL) Alkane: S...	26.230	2.2	ng/ul	77730	6	25.035	699155	20.0