LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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: BG049375.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.096	4	10	19	rBV	130988	300626	13.96%	1.146%
2	3.179	19	24	30	rVV	147812	220071	10.22%	0.839%
3	3.884	140	144	151	rBV	24515	46642	2.17%	0.178%
4	7.221	705	712	725	rVB	62443	126224	5.86%	0.481%
5	7.380	733	739	747	rVB	39405	69750	3.24%	0.266%
6	7.591	768	775	783	rVB2	57914	103546	4.81%	0.395%
7	8.061	847	855	862	rVB	92608	165404	7.68%	0.630%
8	8.772	966	976	982	rBV	78092	140753	6.54%	0.536%
9	9.230	1048	1054	1063	rBV2	61448	114862	5.33%	0.438%
10	9.959	1172	1178	1186	rBV2	57254	107136	4.97%	0.408%
11	10.500	1264	1270	1280	rBV	78240	150107	6.97%	0.572%
12	10.881	1329	1335	1342	rBV	128396	237981	11.05%	0.907%
13	11.022	1351	1359	1369	rBV2	54170	110923	5.15%	0.423%
14	14.107	1878	1884	1891	rVV	165634	256588	11.91%	0.978%
15	14.407	1928	1935	1946	rVB	169864	311483	14.46%	1.187%
16	14.712	1979	1987	1993	rBV	225687	346291	16.08%	1.320%
17	14.777	1993	1998	2005	rVB3	27960	50350	2.34%	0.192%
18	14.906	2015	2020	2032	rBV3	58716	119478	5.55%	0.455%
19	15.705	2146	2156	2161	rVV	227072	364559	16.93%	1.389%
20	15.758	2161	2165	2171	rVV2	49996	87813	4.08%	0.335%
21	15.817	2171	2175	2180	rVV2	50629	86665	4.02%	0.330%
22	16.052	2210	2215	2221	rVB	42209	69403	3.22%	0.264%
23	16.199	2232	2240	2248	rVB	46580	107490	4.99%	0.410%
24	16.434	2270	2280	2285	rVB6	24253	49068	2.28%	0.187%
25	16.763	2327	2336	2341	rBV5	49987	100839	4.68%	0.384%
26	16.986	2366	2374	2379	rBV4	46591	98262	4.56%	0.374%
27	17.121	2392	2397	2403	rVV6	28879	52546	2.44%	0.200%
28	17.192	2403	2409	2416	rVV5	49154	133722	6.21%	0.510%
29	17.280	2419	2424	2434	rVB2	48864	95376	4.43%	0.363%
30	17.462	2448	2455	2458	rVV	289692	443197	20.58%	1.689%
31	17.503	2458	2462	2467	rVV	746185	1149597	53.38%	4.381%
32	17.562	2467	2472	2475	rVV2	245385	405207	18.81%	1.544%
33	17.597	2475	2478	2483	rVV	304821	428646	19.90%	1.634%
34	17.650	2483	2487	2493	rVV3	30328	64635	3.00%	0.246%
35	17.897	2525	2529	2534	rVV4	28786	64290	2.99%	0.245%
36	18.337	2599	2604	2608	rVV	168801	263559	12.24%	1.004%

LSC Area Percent Report

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Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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	18.390	2608	2613	2619	rVV	230570	349415	16.22%	1.332%
38	18.467	2619	2626	2631	rVV	161474	250110	11.61%	0.953%
39	18.537	2631	2638	2642	rVV3	267187	497619	23.10%	1.896%
40	18.567	2642	2643	2648	rVV	114247	118443	5.50%	0.451%
41	18.831	2683	2688	2694	rVB	127204	186754	8.67%	0.712%
42	19.078	2726	2730	2734	rBV2	38781	50912	2.36%	0.194%
43	19.131	2734	2739	2742	rBV	44875	56956	2.64%	0.217%
44	19.166	2742	2745	2750	rVB	38672	53966	2.51%	0.206%
45	19.248	2750	2759	2764	rBV2	108707	236708	10.99%	0.902%
46	19.313	2765	2770	2773	rBV3	55195	93509	4.34%	0.356%
47	19.389	2778	2783	2786	rBV	37010	67983	3.16%	0.259%
48	19.518	2798	2805	2810	rBV	1464925	2153733	100.00%	8.208%
49	19.571	2810	2814	2817	rVB2	32720	44843	2.08%	0.171%
50	19.612	2817	2821	2824	rVB5	36591	48751	2.26%	0.186%
51	19.665	2824	2830	2834	rBV	128326	187745	8.72%	0.715%
52	19.759	2839	2846	2849	rBV2	39412	79600	3.70%	0.303%
53	19.847	2854	2861	2863	rBV3	515708	833323	38.69%	3.176%
54	19.877	2863	2866	2874	rVB	786917	1162460	53.97%	4.430%
55	19.947	2874	2878	2884	rVB3	93725	158330	7.35%	0.603%
56	20.053	2884	2896	2901	rBV	130546	243019	11.28%	0.926%
57	20.106	2901	2905	2913	rVB9	23019	50660	2.35%	0.193%
58	20.194	2914	2920	2928	rBV2	121660	319055	14.81%	1.216%
59	20.364	2938	2949	2955	rVB	373970	711721	33.05%	2.712%
60	20.464	2959	2966	2970	rBV	362363	521808	24.23%	1.989%
61	20.523	2970	2976	2981	rVB2	135614	254836	11.83%	0.971%
62	20.611	2986	2991	2996	rBV3	48502	105146	4.88%	0.401%
63	20.664	2996	3000	3003	rVV	55438	82027	3.81%	0.313%
64	20.711	3004	3008	3018	rVB3	112126	218338	10.14%	0.832%
65	20.823	3021	3027	3031	rBV	384930	477210	22.16%	1.819%
66	20.958	3047	3050	3053	rBV3	41444	59391	2.76%	0.226%
67	20.993	3053	3056	3060	rVB2	42182	55549	2.58%	0.212%
68	21.081	3067	3071	3076	rBV3	66833	117779	5.47%	0.449%
69	21.134	3078	3080	3087	rVB4	46705	79226	3.68%	0.302%
70	21.322	3107	3112	3115	rBV	71345	113616	5.28%	0.433%
71	21.363	3115	3119	3124	rVV	121873	200290	9.30%	0.763%
72	21.416	3124	3128	3138	rVB3	78341	174895	8.12%	0.667%
73	21.604	3151	3160	3171	rBV4	36556	131512	6.11%	0.501%
74	21.733	3175	3182	3188	rVV2	839302	1955110	90.78%	7.451%
75	21.798	3188	3193	3204	rVB	570086	1042444	48.40%	3.973%
76	21.951	3214	3219	3225	rBV3	74301	153896	7.15%	0.586%

LSC Area Percent Report

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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

77	22.015	3225	3230	3236	rVB2	74927	139706	6.49%	0.532%
78	22.156	3248	3254	3262	rBV4	39689	113900	5.29%	0.434%
79	22.415	3293	3298	3302	rBV4	39823	74557	3.46%	0.284%
80	22.491	3302	3311	3316	rVV	152299	373654	17.35%	1.424%
81	22.562	3319	3323	3331	rVV	84004	173210	8.04%	0.660%
82	22.668	3333	3341	3342	rVV6	34617	81349	3.78%	0.310%
83	22.709	3343	3348	3353	rVV2	83423	186809	8.67%	0.712%
84	22.768	3354	3358	3361	rVV2	72014	140028	6.50%	0.534%
85	22.815	3364	3366	3374	rVV3	101806	165964	7.71%	0.632%
86	22.914	3377	3383	3389	rVB4	36088	82724	3.84%	0.315%
87	23.619	3497	3503	3508	rBV4	31868	67824	3.15%	0.258%
88	23.996	3556	3567	3574	rBV2	343452	1197836	55.62%	4.565%
89	24.178	3593	3598	3603	rVB2	24145	48542	2.25%	0.185%
90	24.254	3603	3611	3621	rVB2	108428	277467	12.88%	1.057%
91	24.466	3641	3647	3650	rBV3	28841	67470	3.13%	0.257%
92	24.730	3685	3692	3698	rBV2	55380	167609	7.78%	0.639%
93	24.812	3701	3706	3711	rVV3	70843	180952	8.40%	0.690%
94	24.877	3711	3717	3731	rVB2	195153	558225	25.92%	2.127%
95	25.035	3734	3744	3753	rBV	171460	513952	23.86%	1.959%
96	26.240	3941	3949	3956	rBV	22074	65141	3.02%	0.248%
97	28.808	4372	4386	4408	rVB5	90753	553413	25.70%	2.109%
98	29.019	4411	4422	4423	rBV5	18583	41093	1.91%	0.157%
99	29.289	4458	4468	4479	rVB3	39680	176326	8.19%	0.672%
100	32.045	4935	4937	4952	rVB3	17501	50942	2.37%	0.194%

Sum of corrected areas: 26240470

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
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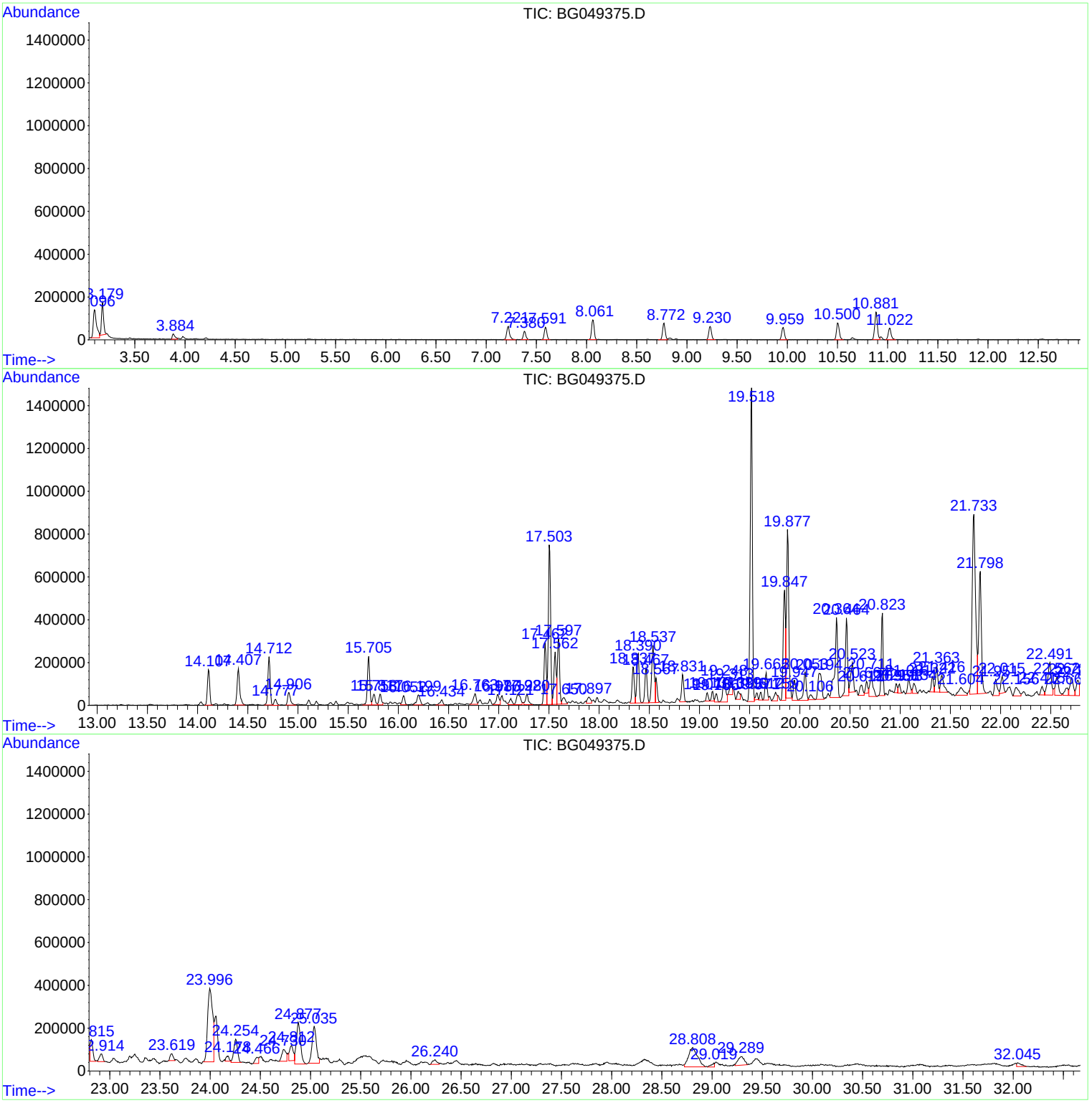
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

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 : BG049375.D
Acq On : 16 Jul 2021 12:40
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

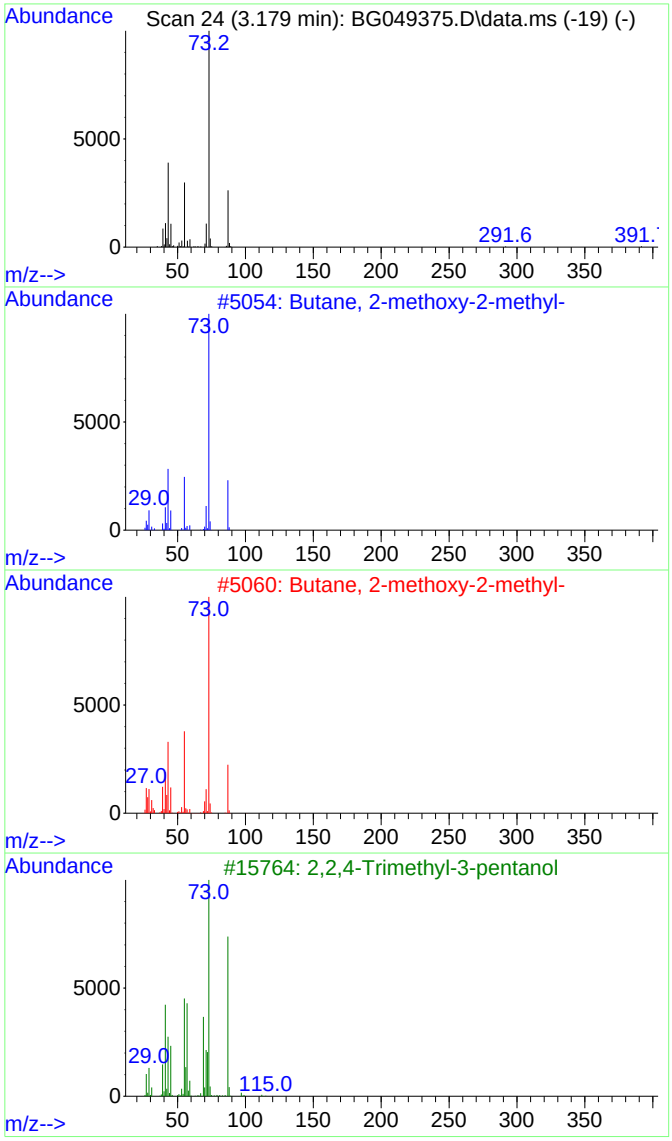
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

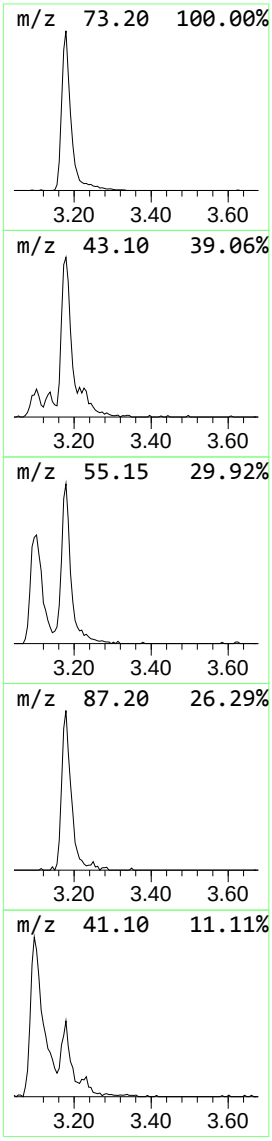
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	26.61 ng/ul	220071	1,4-Dichlorobenzene-d4	8.067

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

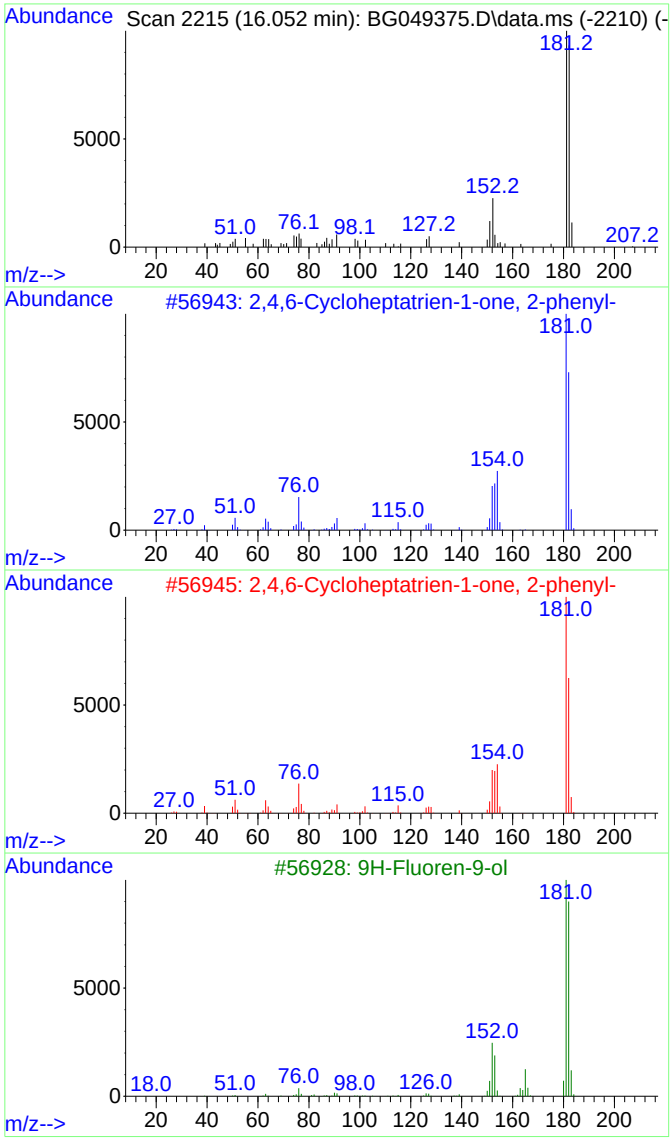
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

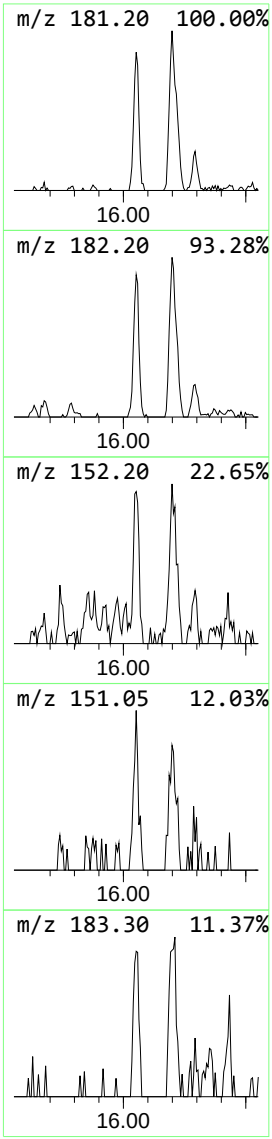
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.050	4.01 ng/ul	69403	Acenaphthene-d10	14.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
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Acq On : 16 Jul 2021 12:40
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

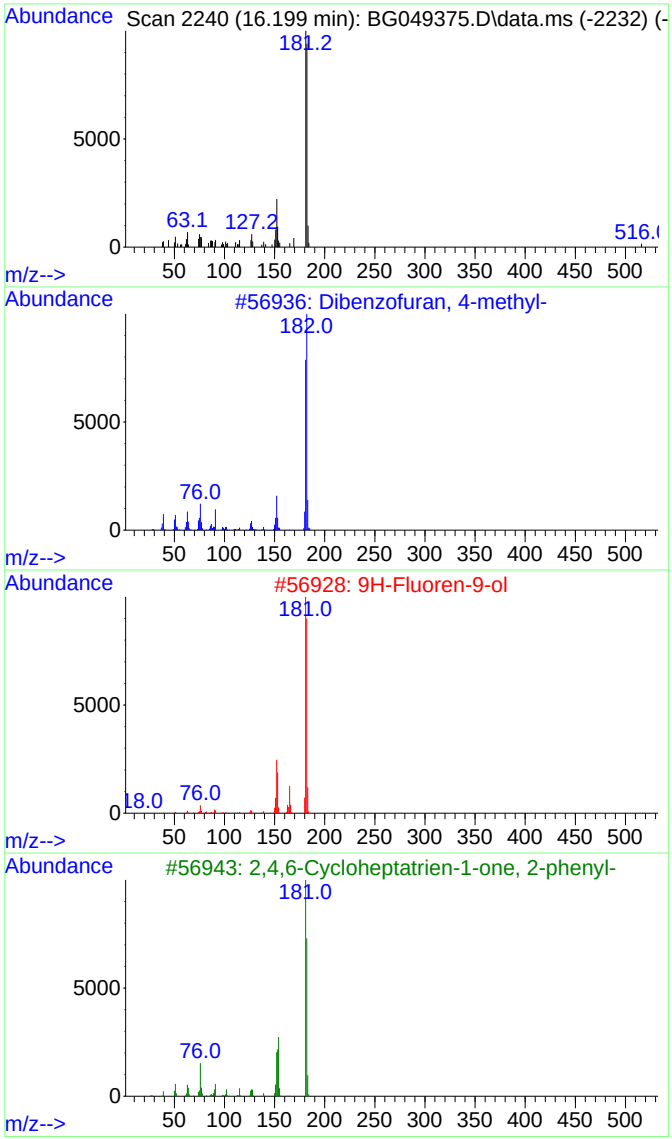
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

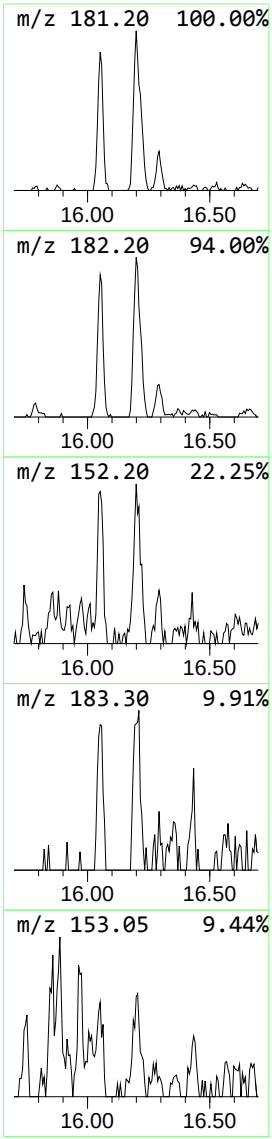
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.200	4.85 ng/ul	107490	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Data File : BG049375.D
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Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

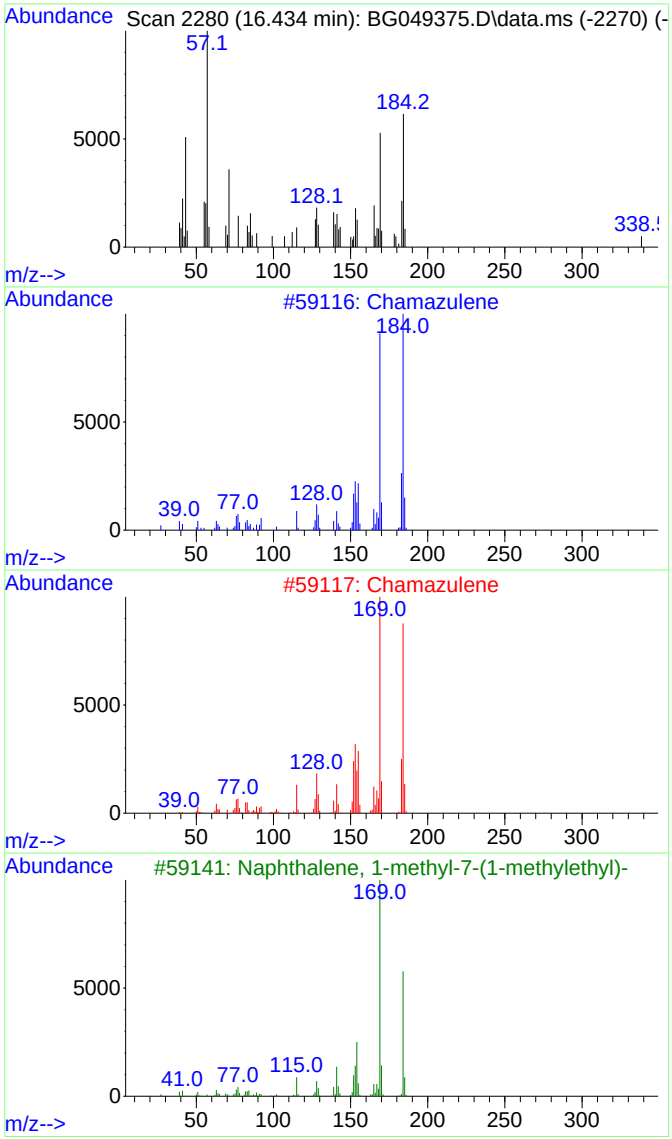
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

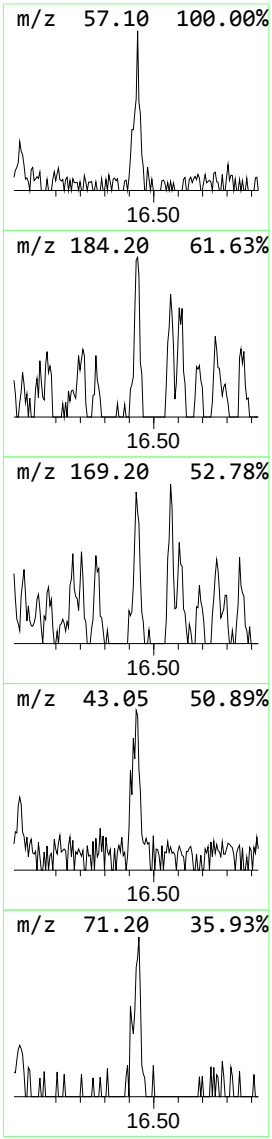
****

Peak Number 5 Chamazulene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.430	2.21 ng/ul	49068	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	90
2	Chamazulene	184	C14H16	000529-05-5	70
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	62
5	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

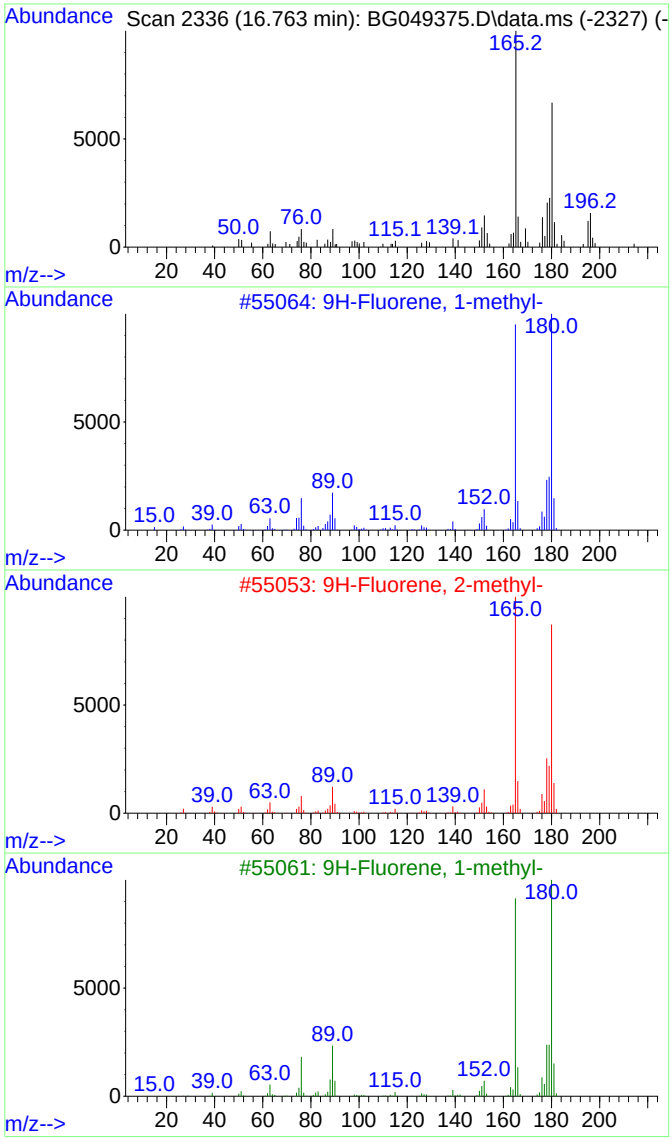
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

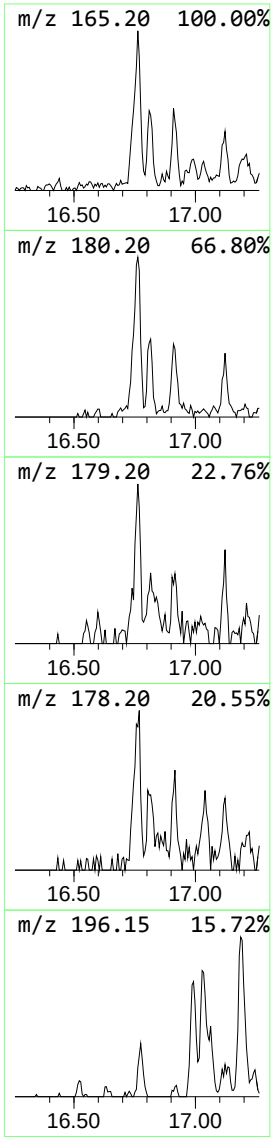
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.760	4.55 ng/ul	100839	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

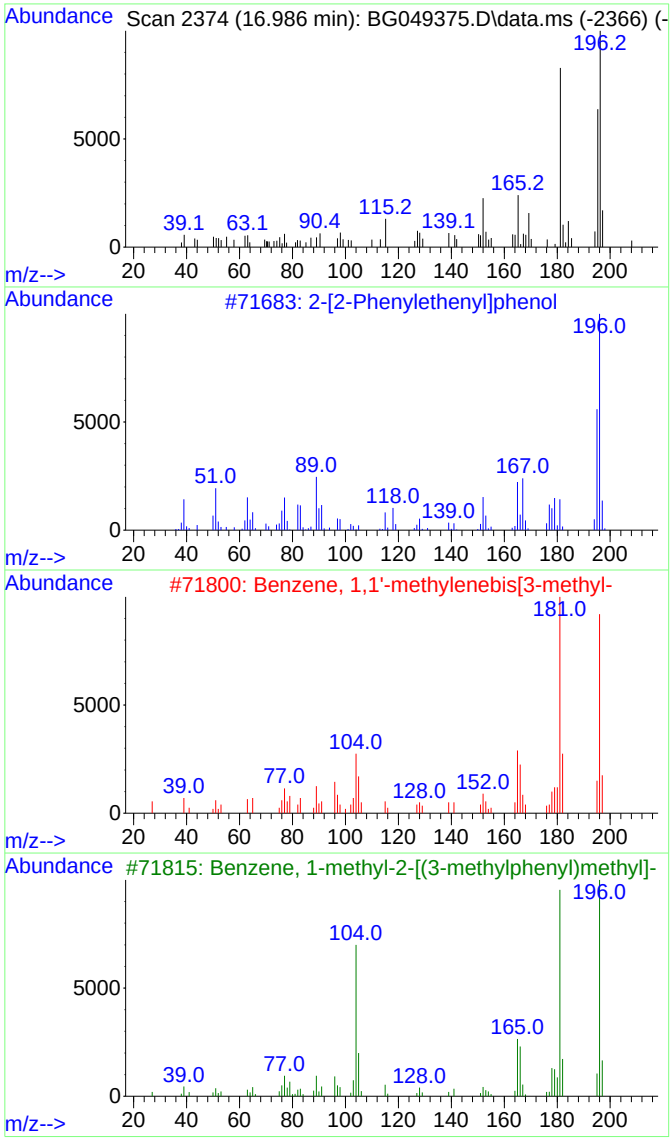
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

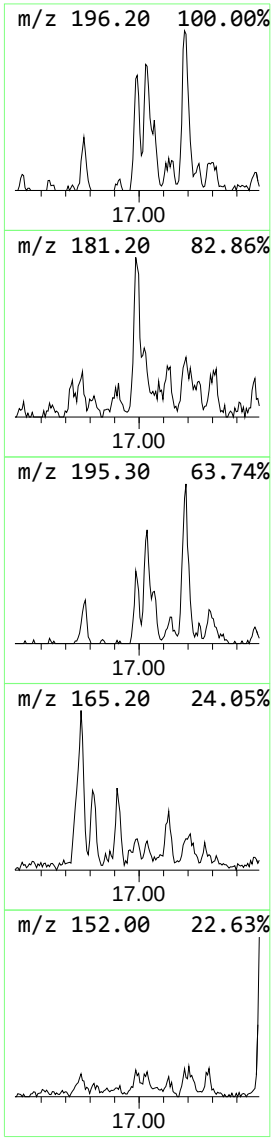
****

Peak Number 7 2-[2-Phenylethenyl]phenol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	4.43 ng/ul	98262	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
2	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	58
3	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	58
4	6-(Methylthio)benzo[d]thiazol-2-...	196	C8H8N2S2	050850-92-5	58
5	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	53





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Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

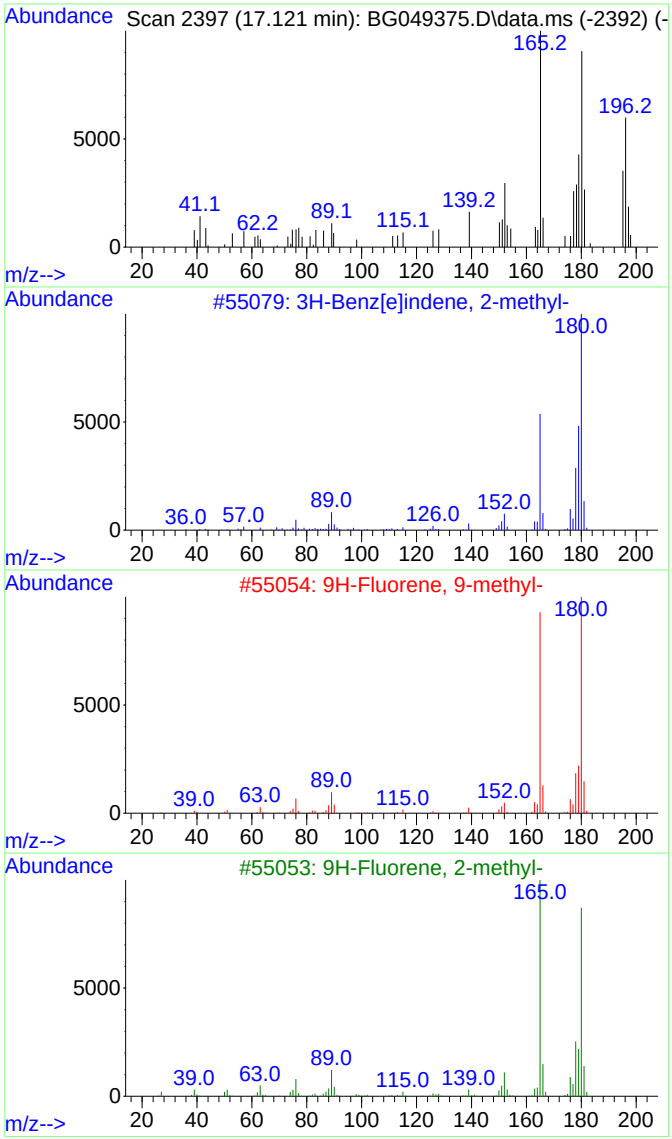
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

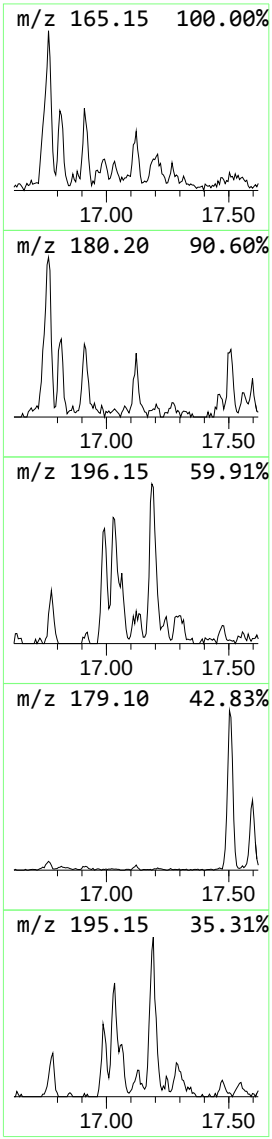
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3H-Benz[e]indene, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.120	2.37 ng/ul	52546	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	64
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	49
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	49





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Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

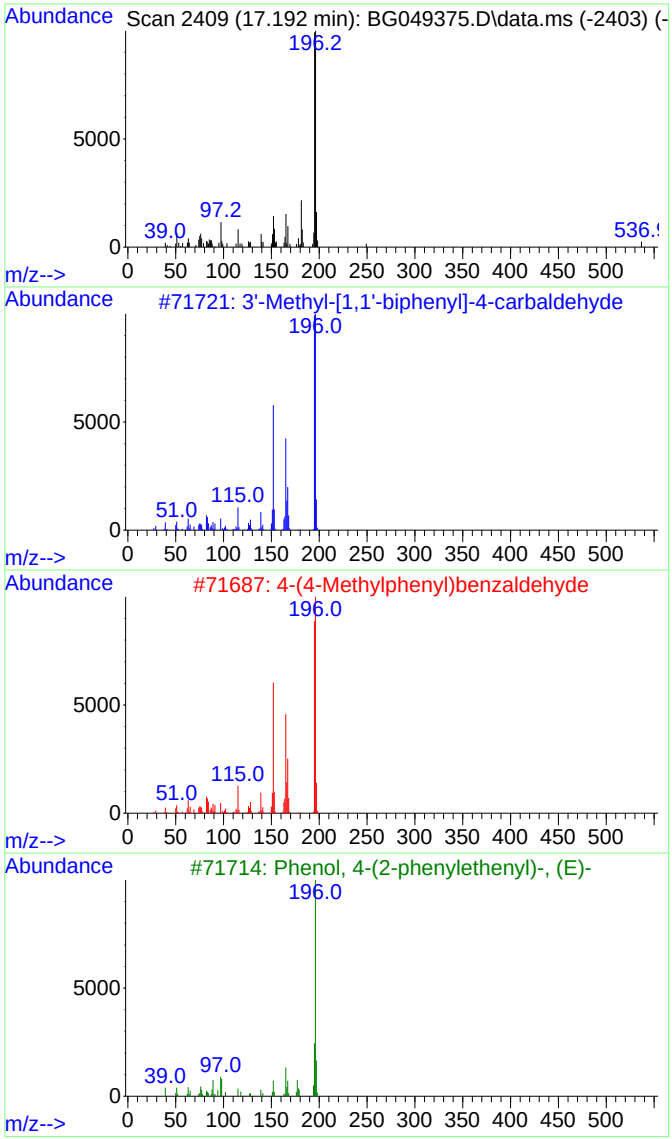
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

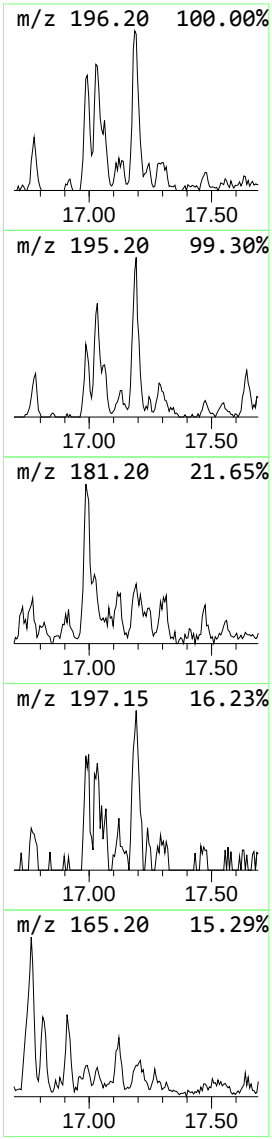
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.190	6.03 ng/ul	133722	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	83
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	59
5	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59





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Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

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Quant Title : SVOA CALIBRATION

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

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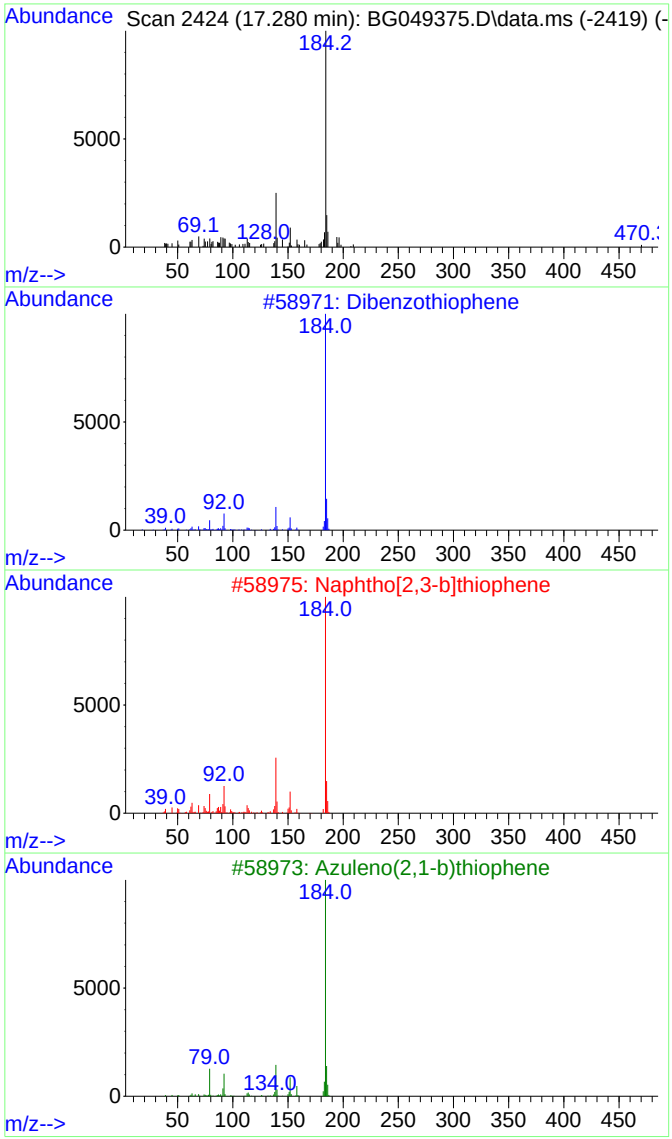
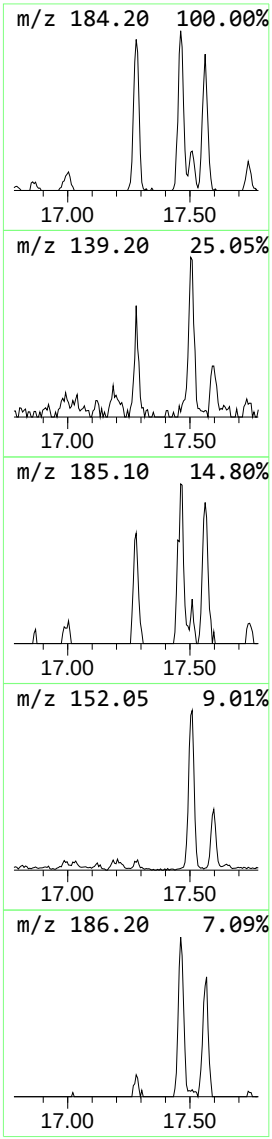
Peak Number 10 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	4.30 ng/ul	95376	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
4	Dibenzothiophene	184	C12H8S	000132-65-0	81
5	Dibenzothiophene	184	C12H8S	000132-65-0	81





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

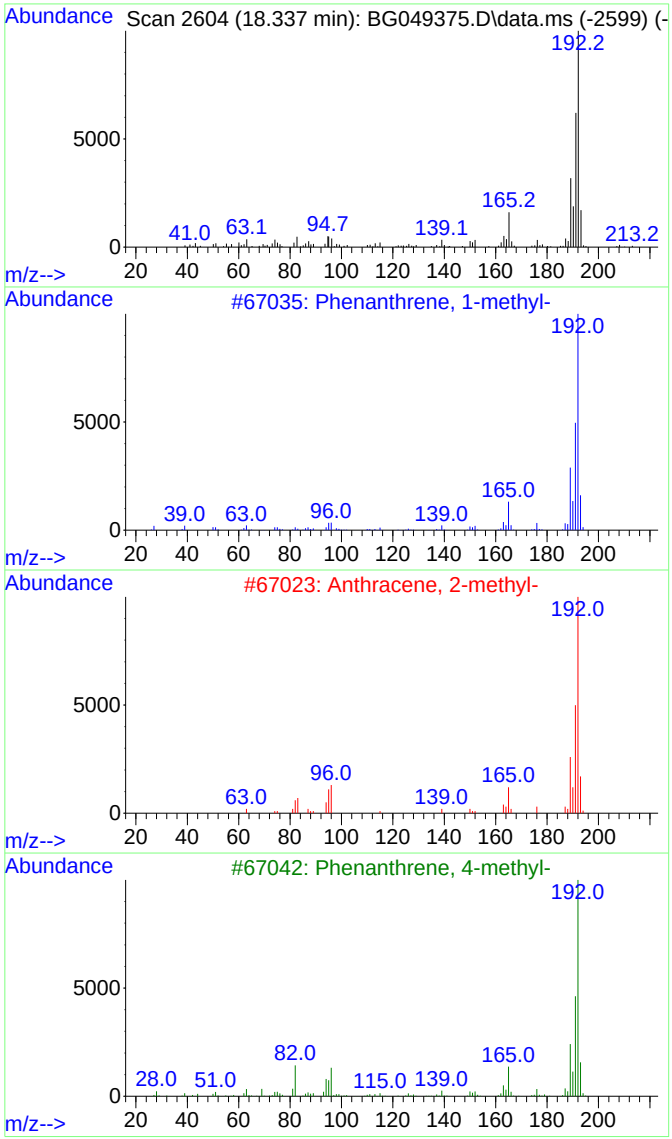
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

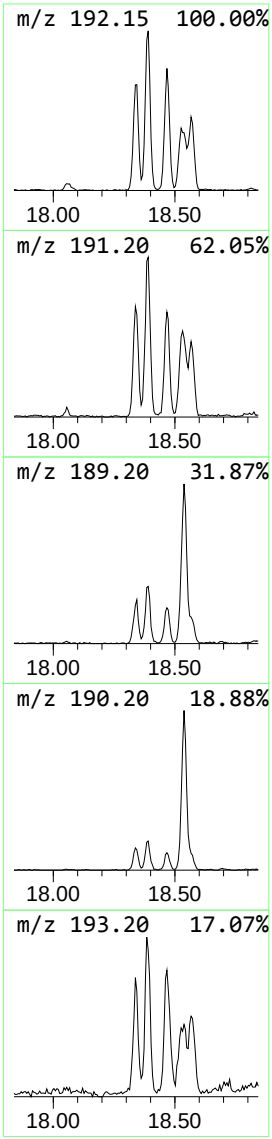
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	11.89 ng/ul	263559	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

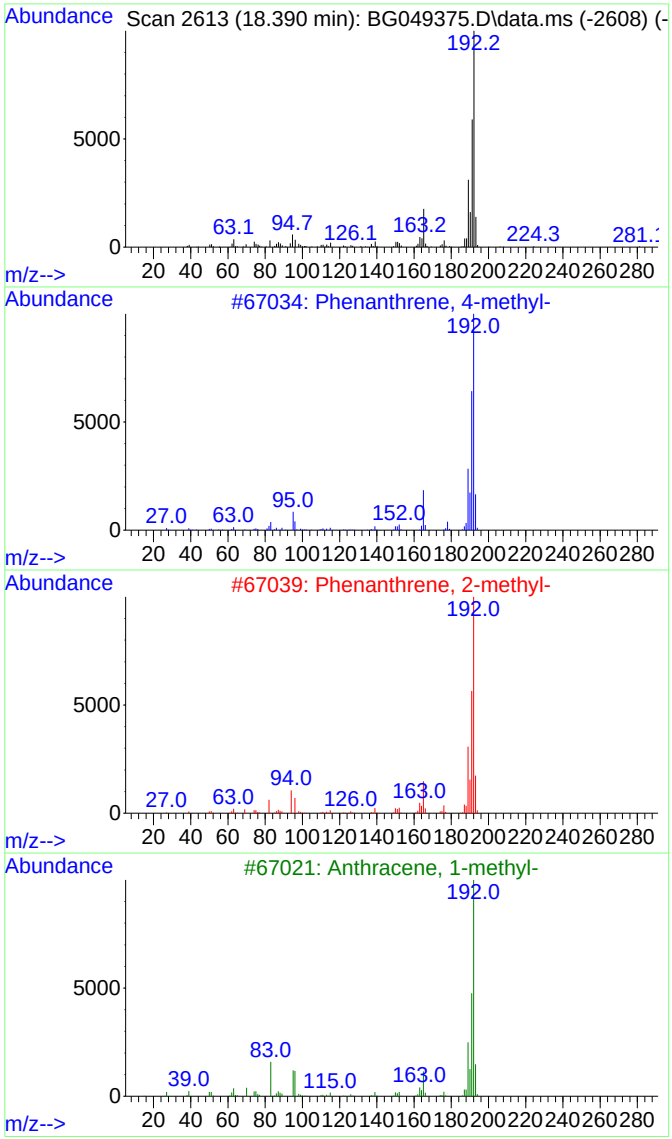
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

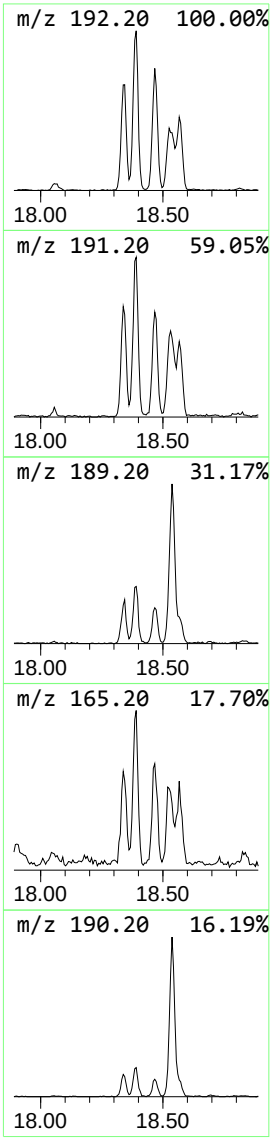
****

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	15.77 ng/ul	349415	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

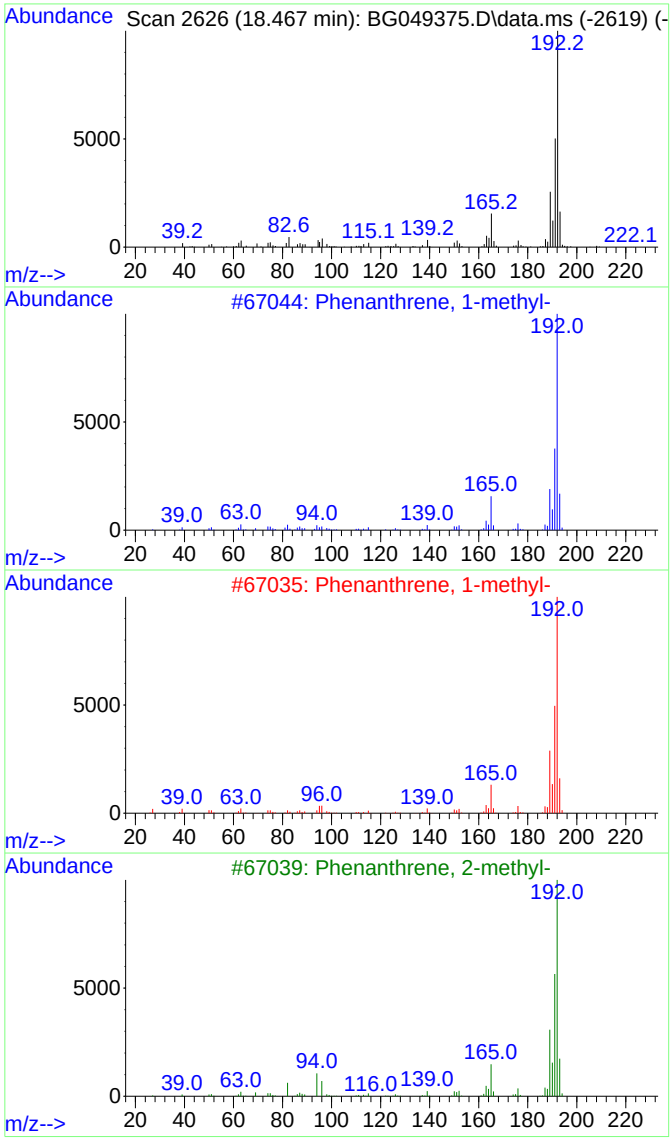
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

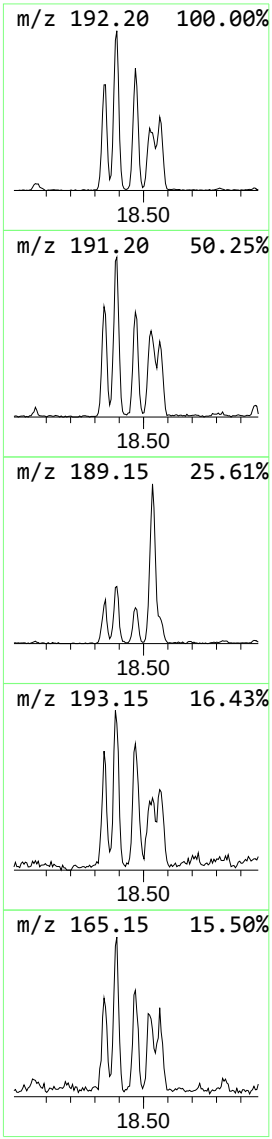
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	11.29 ng/ul	250110	Phenanthrene-d10	17.462

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





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

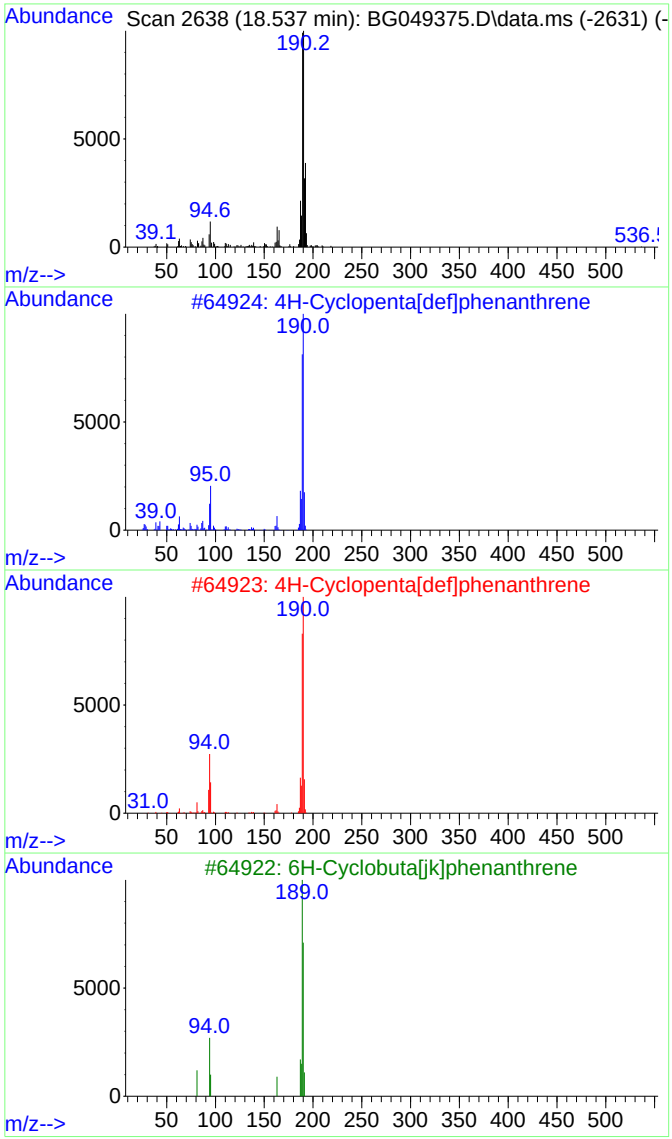
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

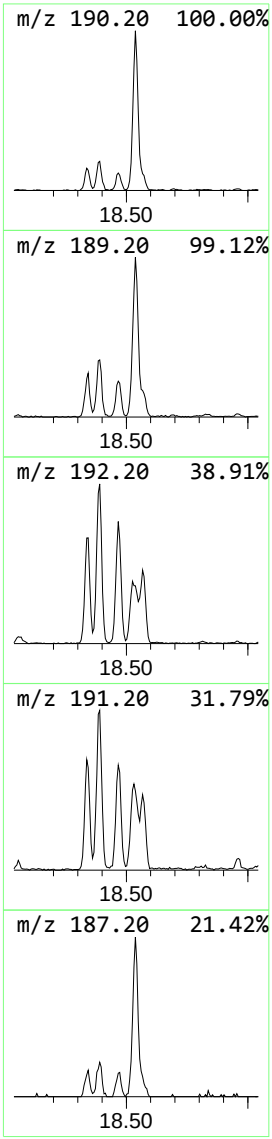
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	22.46 ng/ul	497619	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





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Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

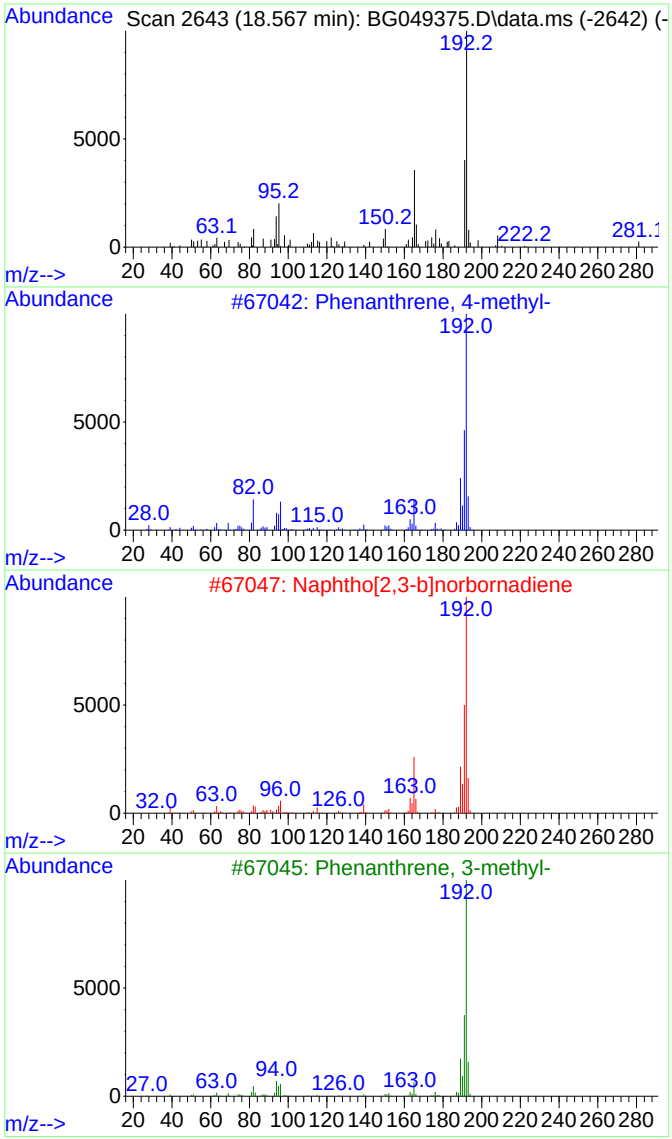
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

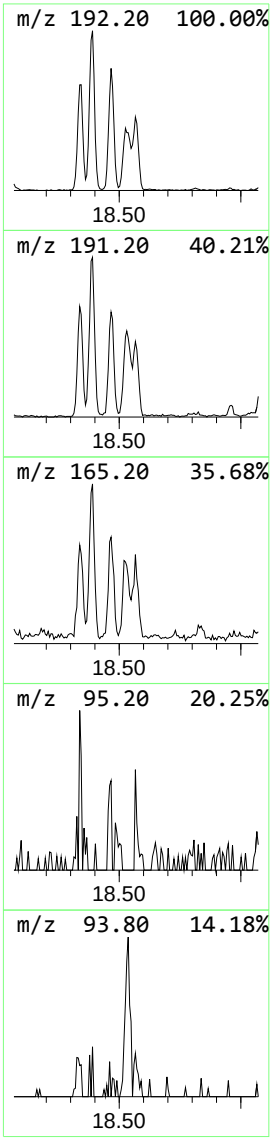
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphtho[2,3-b]norbornadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.570	5.34 ng/ul	118443	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
4	[5-(3-Fluorophenyl)-2H-1,2,4-tri...	192	C9H9FN4	1000459-27-6	59
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53





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Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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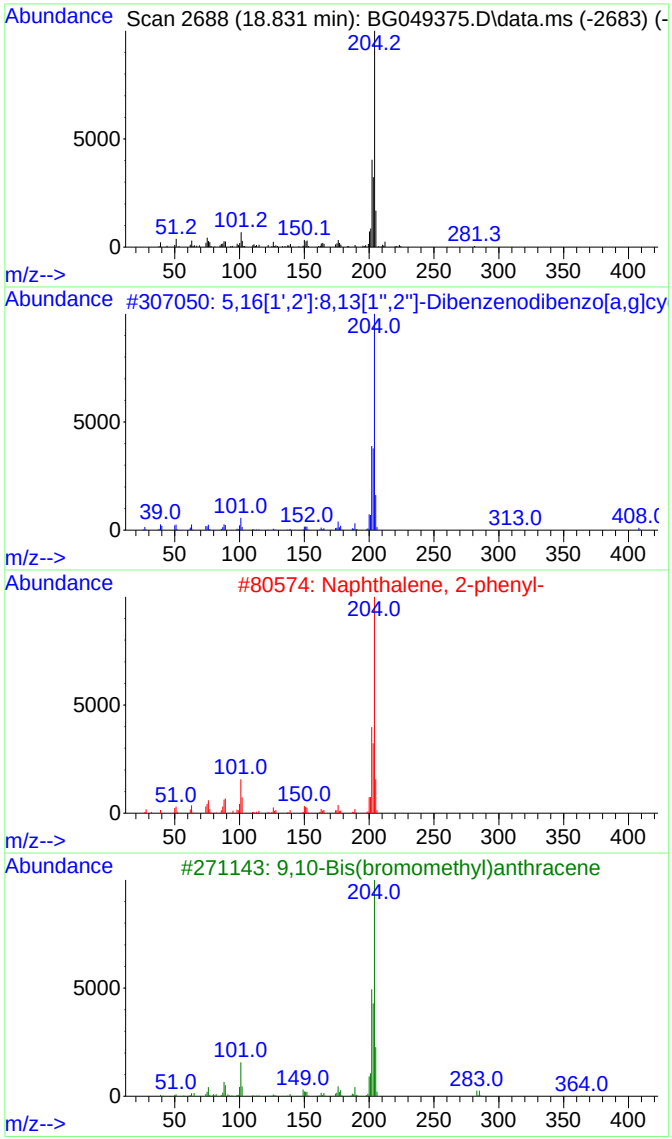
Quant Title : SVOA CALIBRATION

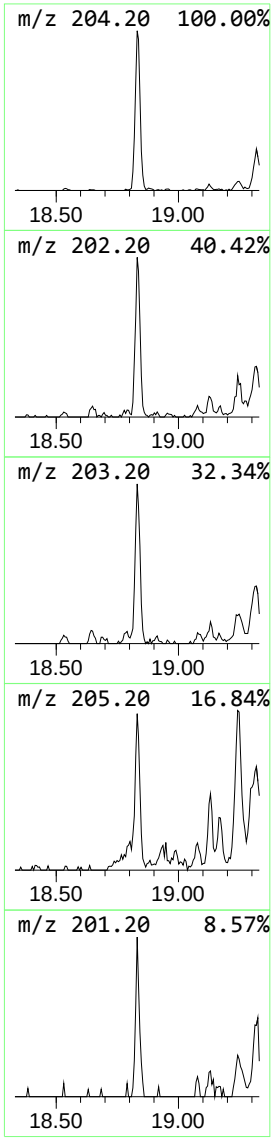
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.830	8.43 ng/ul	186754	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	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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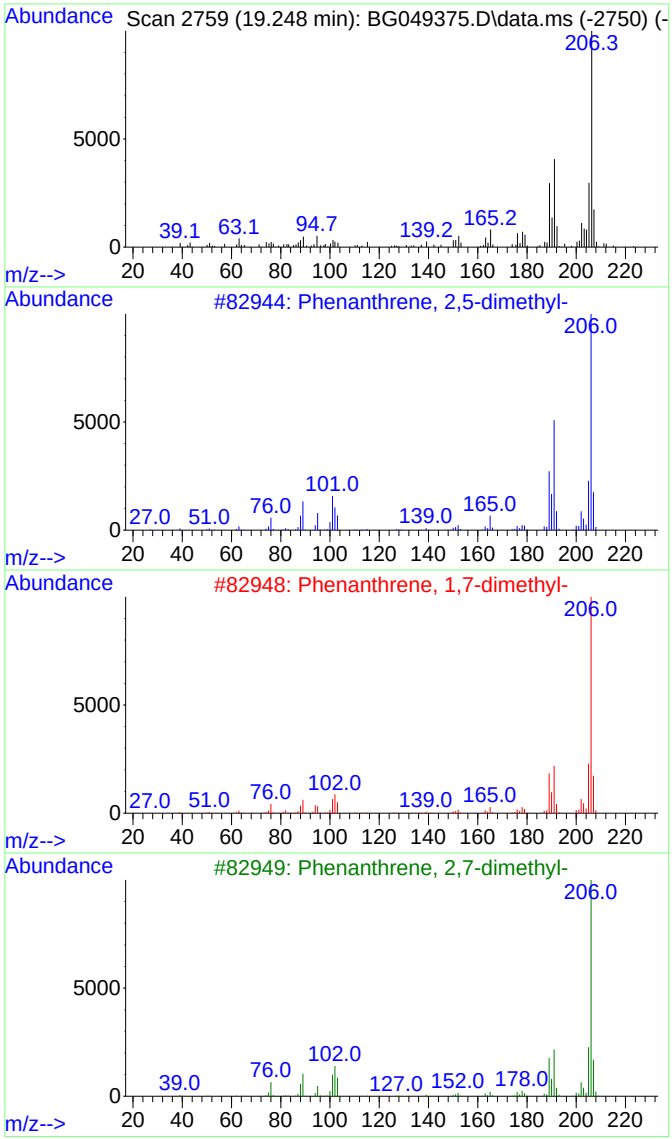
Quant Title : SVOA CALIBRATION

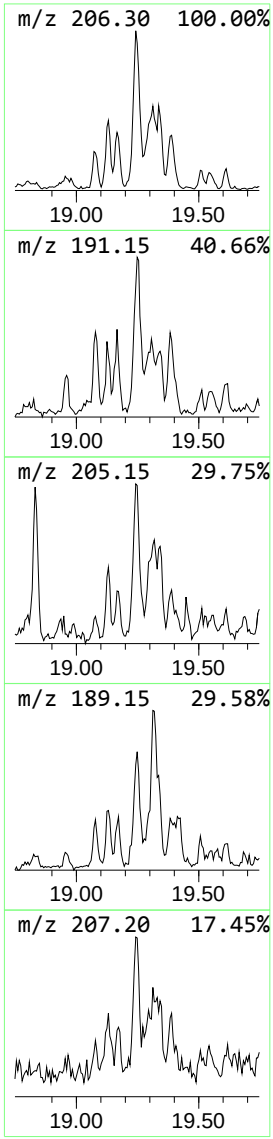
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.250	10.68 ng/ul	236708	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	91





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

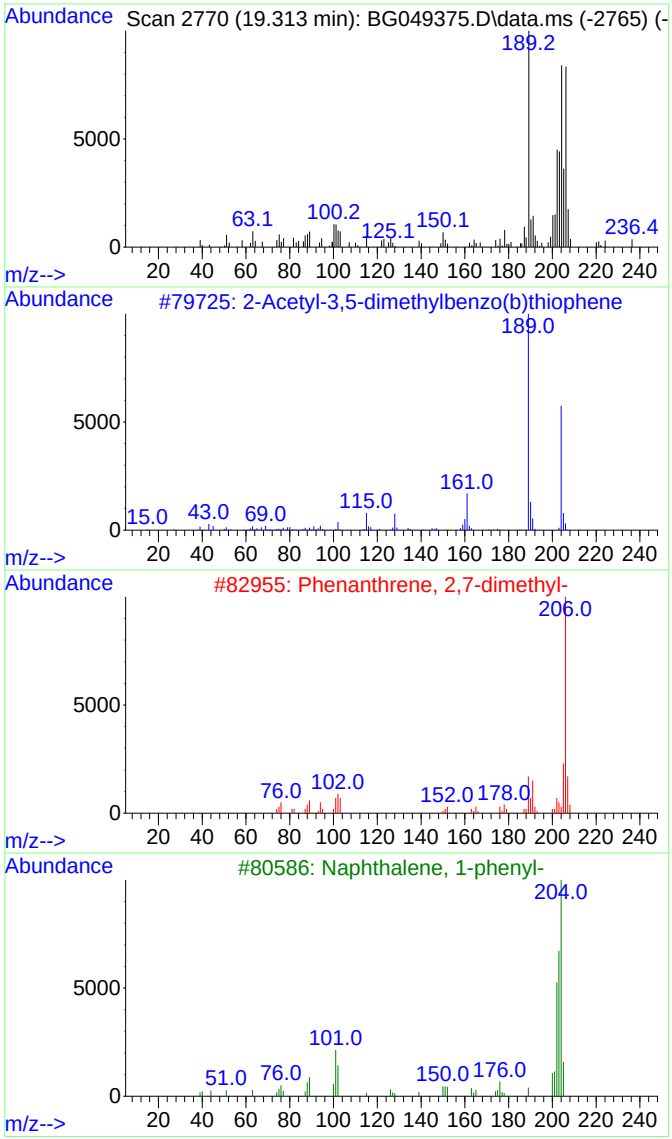
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

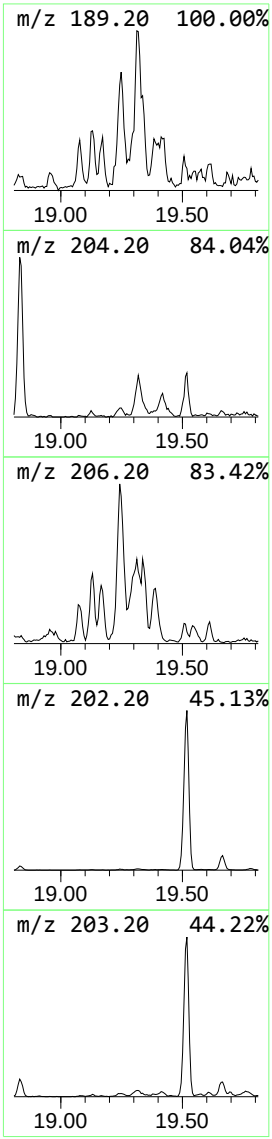
****

Peak Number 23 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	4.22 ng/ul	93509	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	38
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	30
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	25
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	25





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

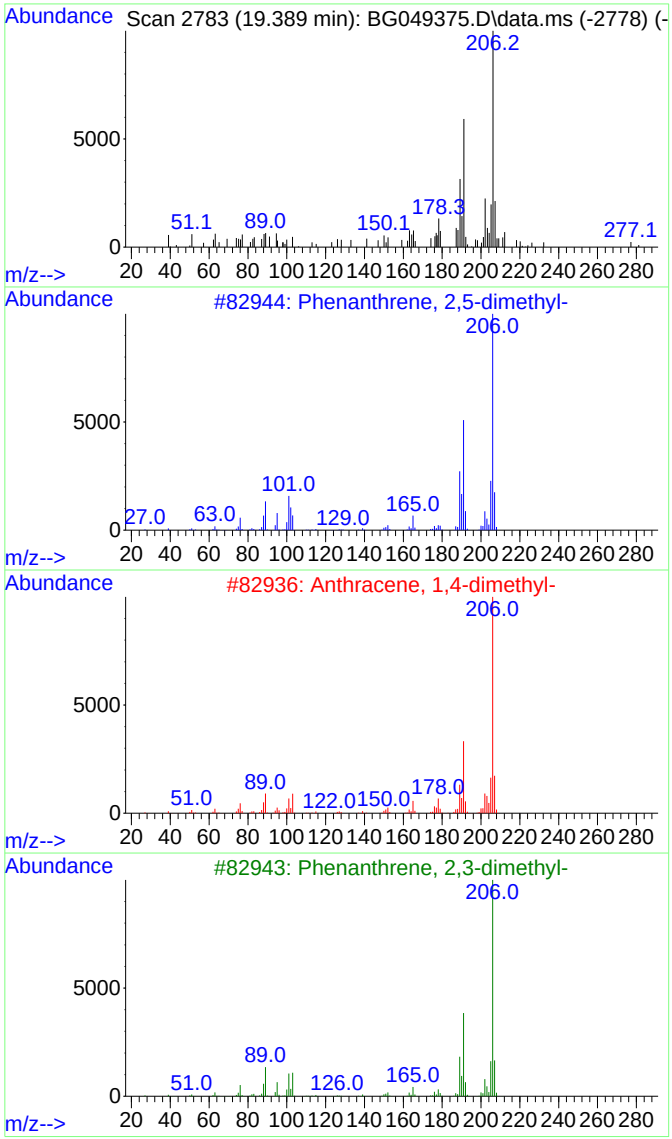
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

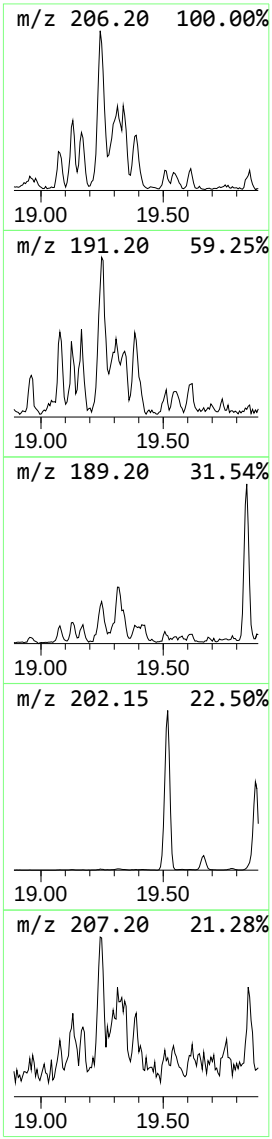
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Anthracene, 1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.390	3.07 ng/ul	67983	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	80
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

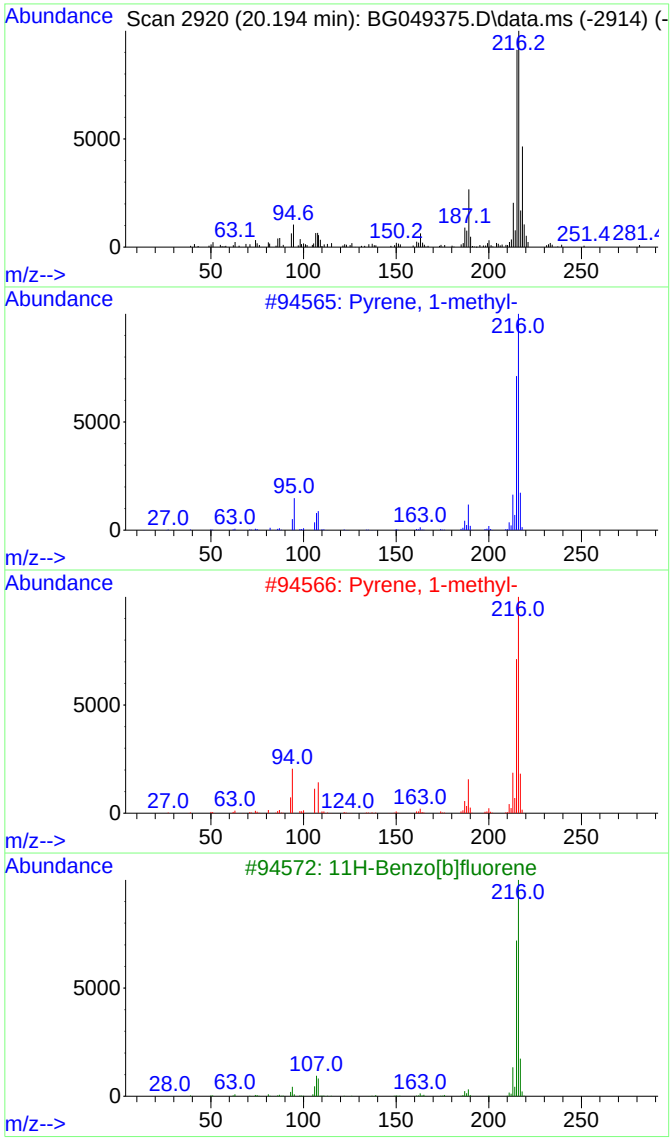
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

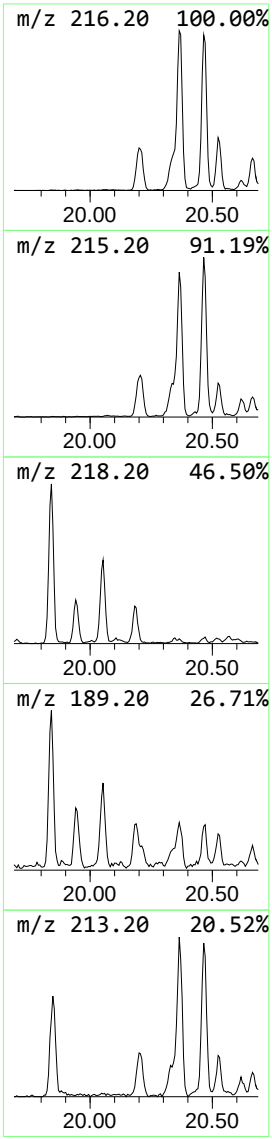
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	3.26 ng/ul	319055	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

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

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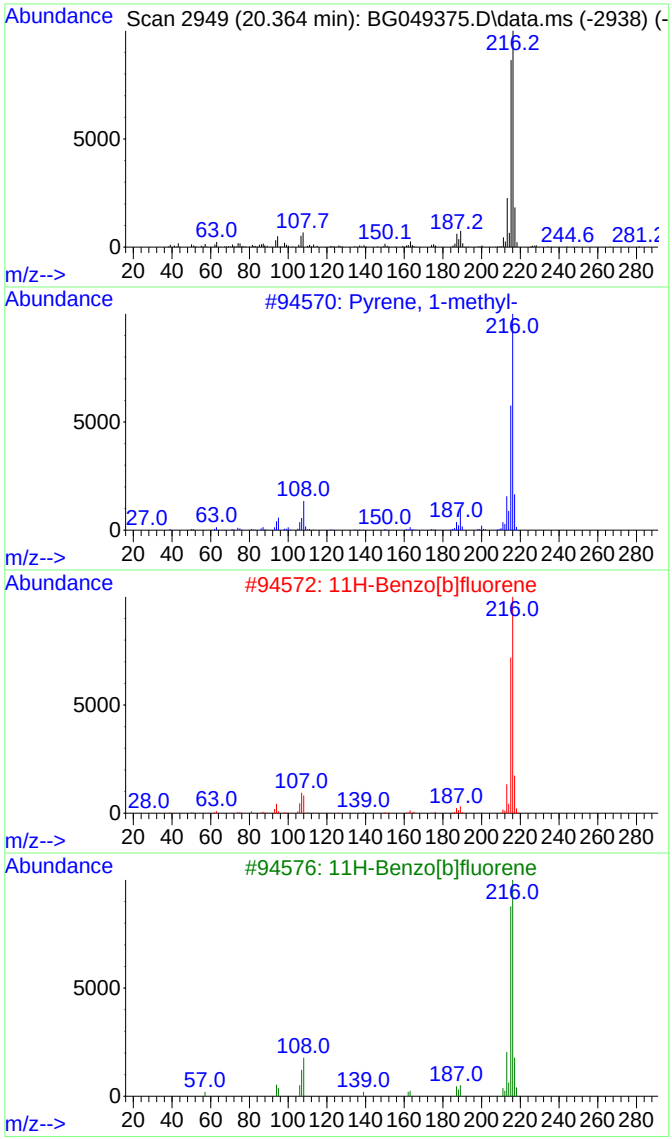
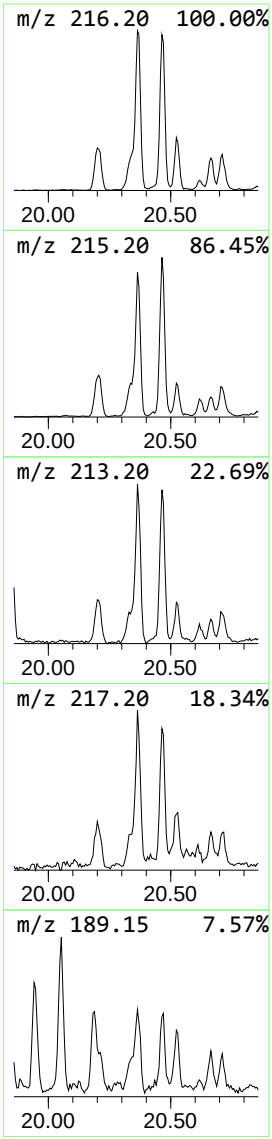
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.360	7.28 ng/ul	711721	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[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

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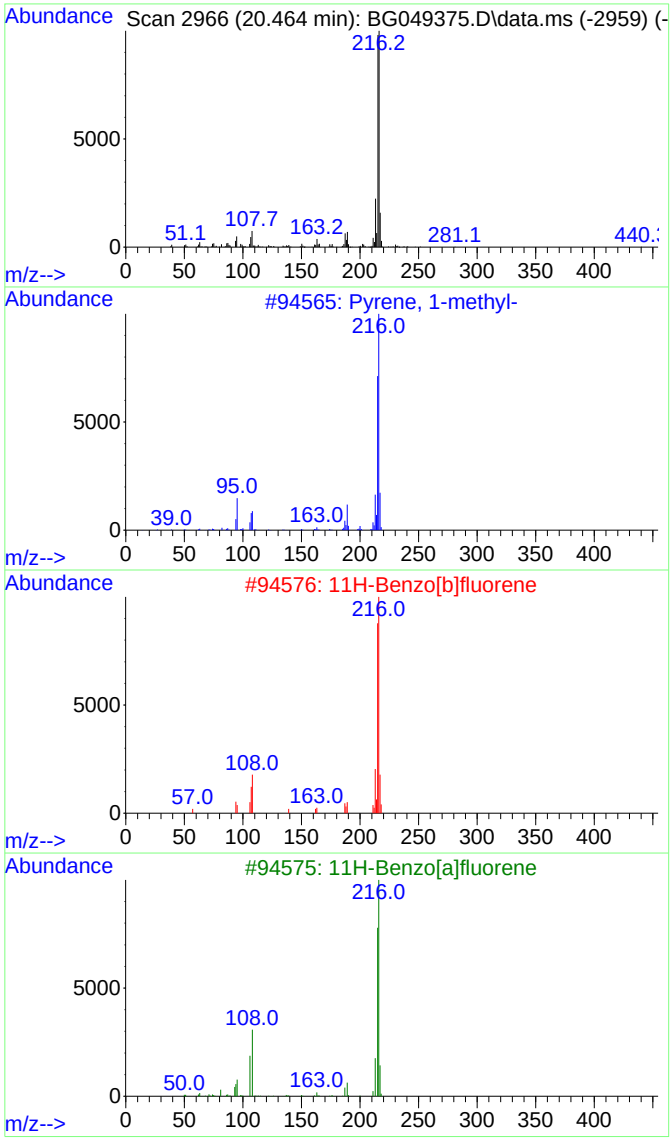
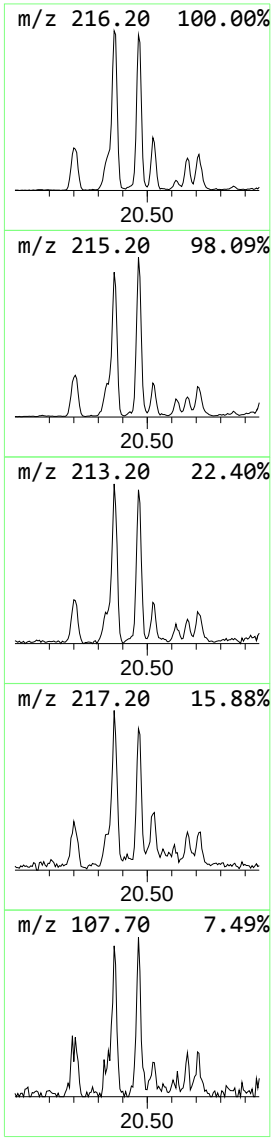
Peak Number 29 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.460	5.34 ng/ul	521808	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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

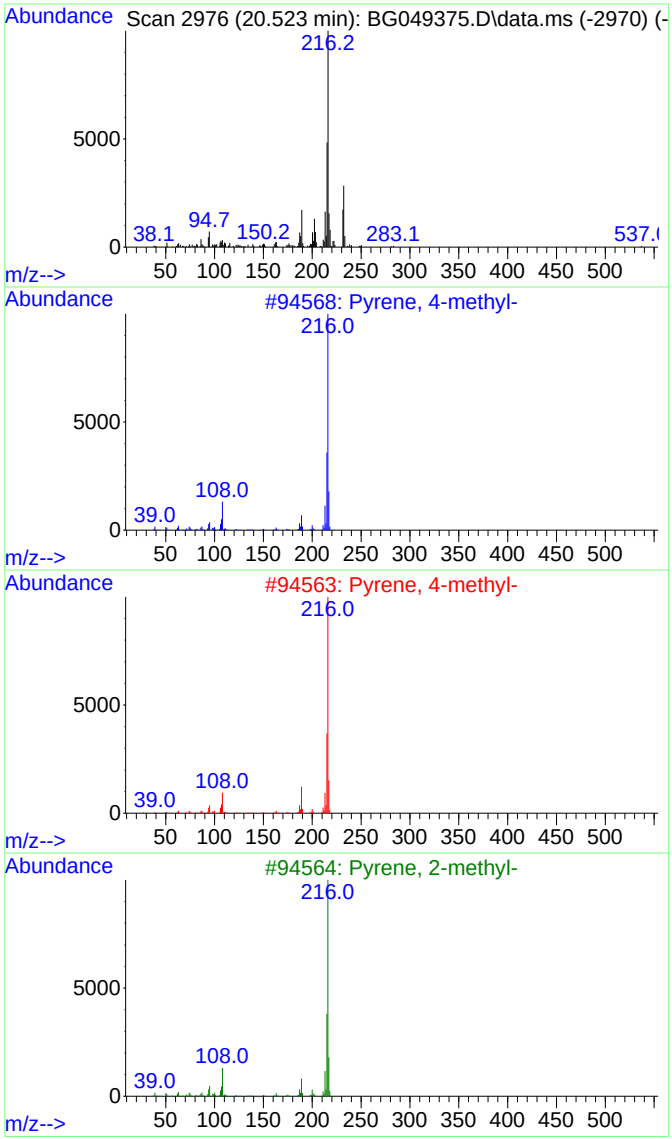
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

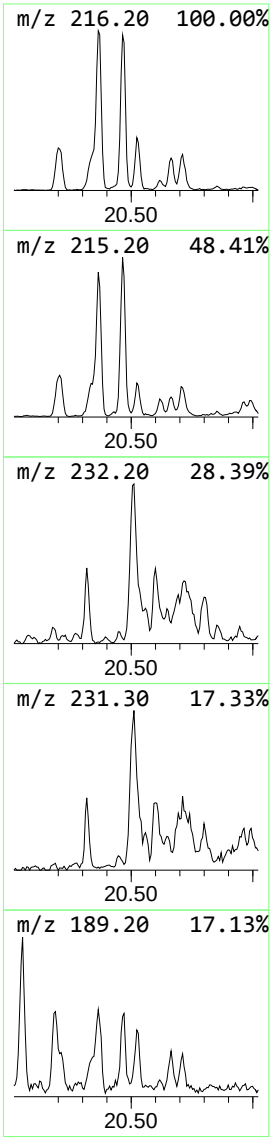
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Pyrene, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	2.61 ng/ul	254836	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

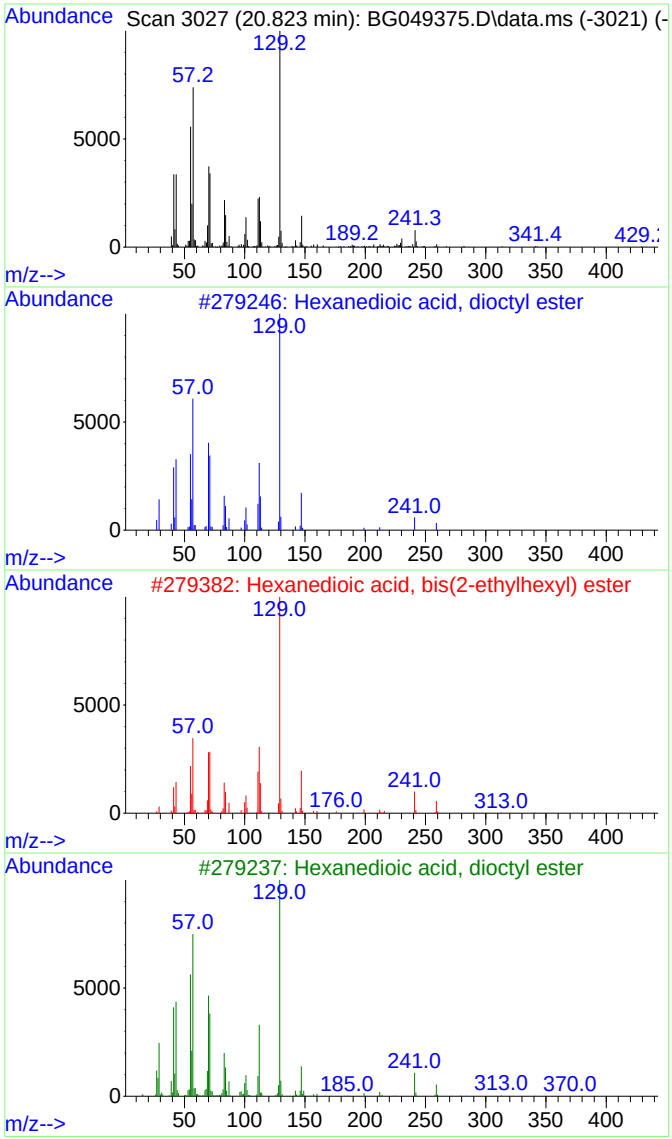
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

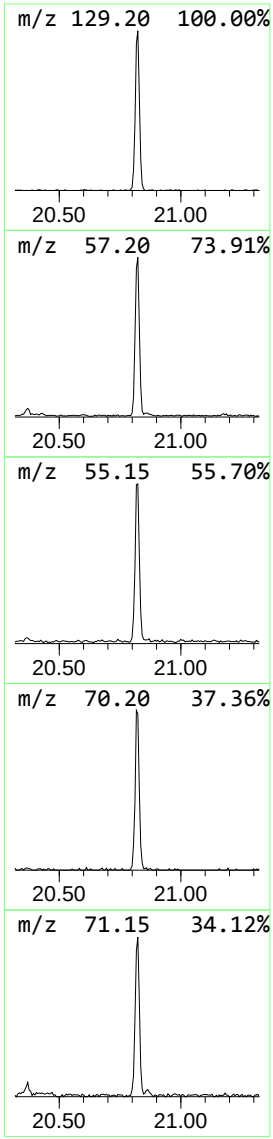
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Hexanedioic acid, dioctyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	4.88 ng/ul	477210	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	83
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	81
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

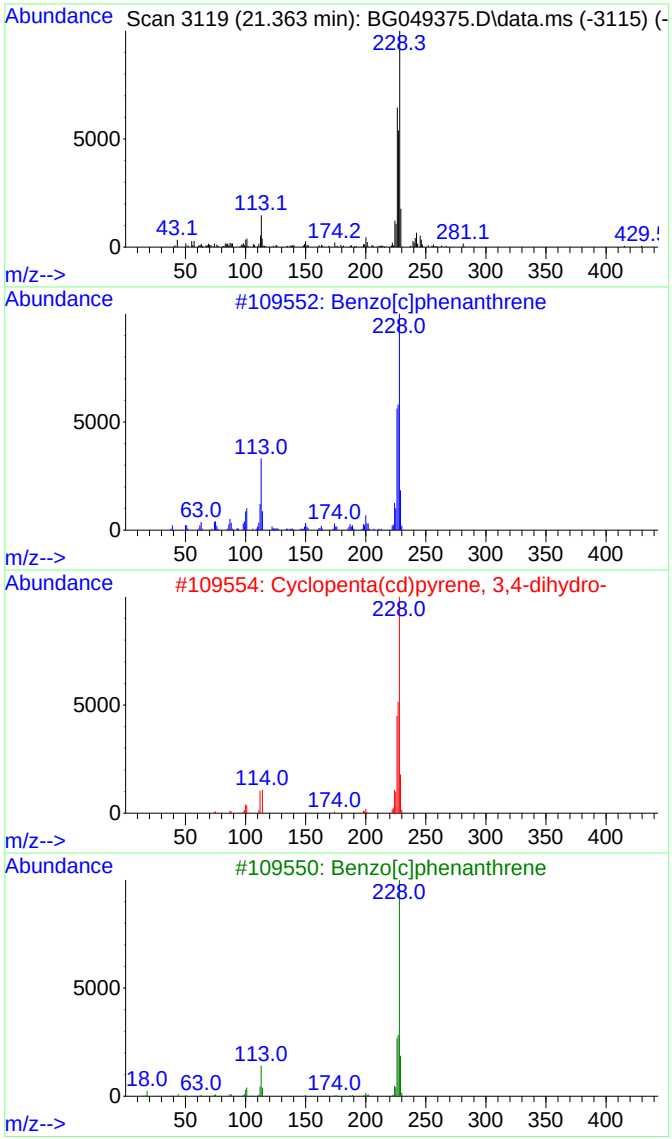
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

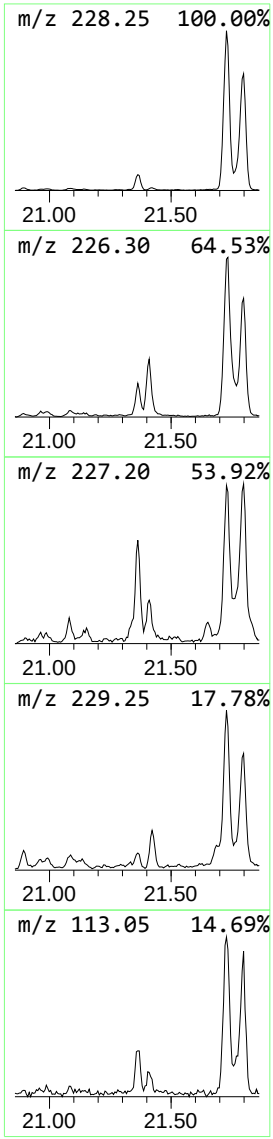
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzo[c]phenanthrene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.360	2.05 ng/ul	200290	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	86
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
4	Triphenylene	228	C18H12	000217-59-4	55
5	Triphenylene	228	C18H12	000217-59-4	55





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Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE17

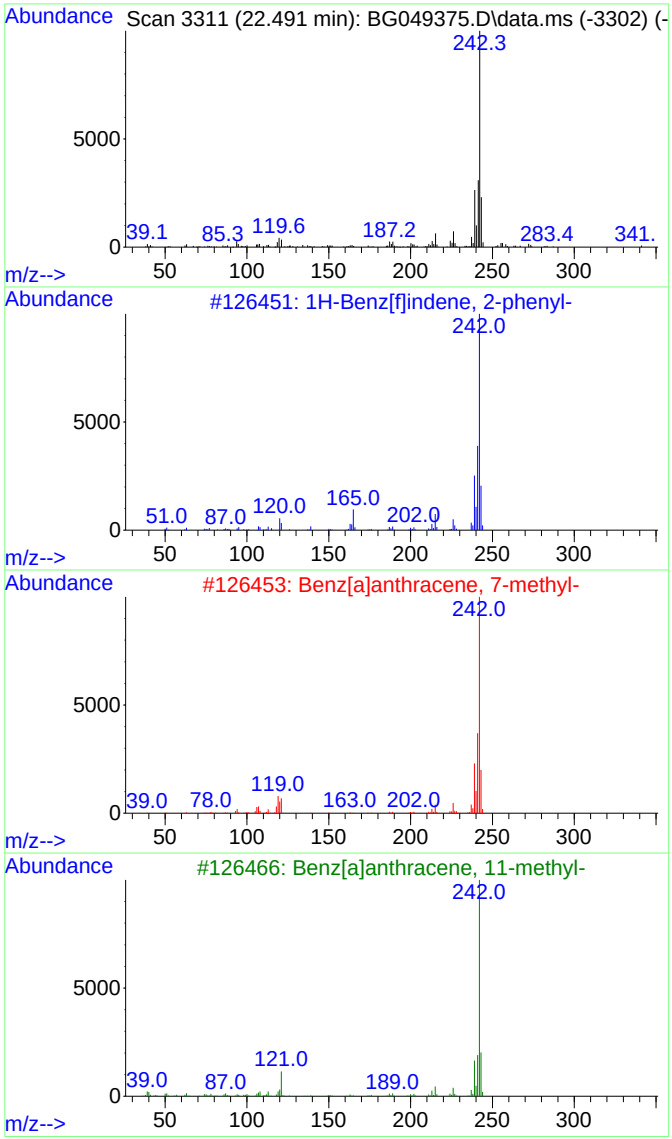
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

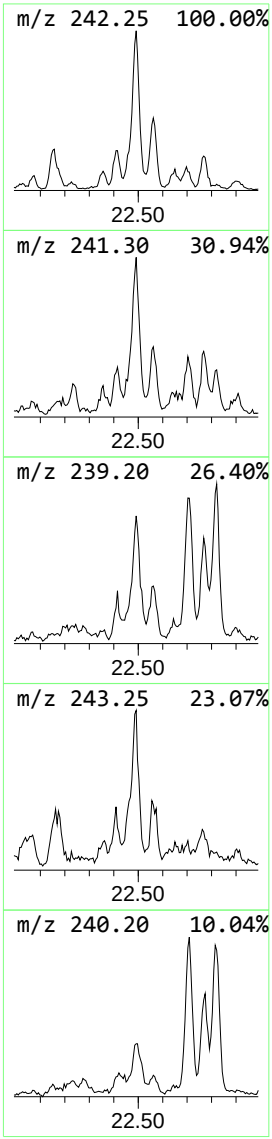
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1H-Benz[f]indene, 2-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.490	3.82 ng/ul	373654	Chrysene-d12	21.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	94
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

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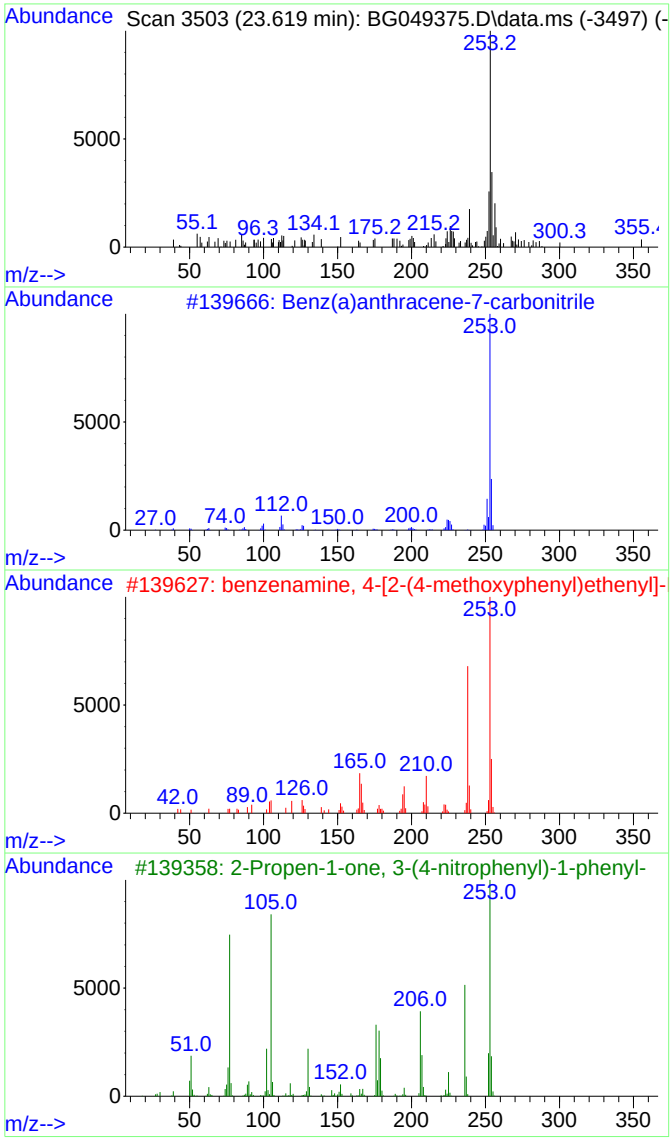
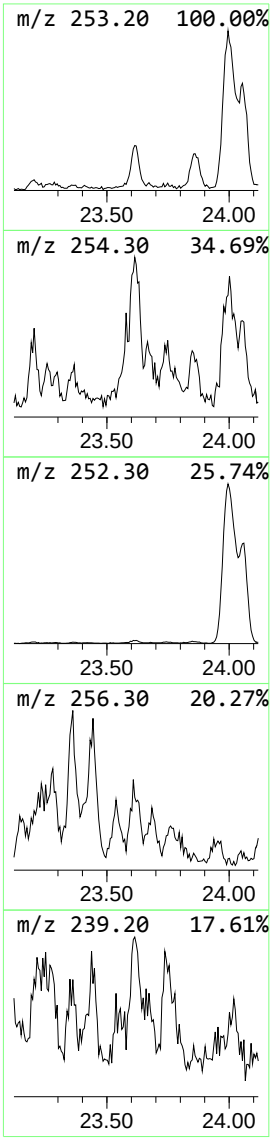
Peak Number 35 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.620	2.64 ng/ul	67824	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49
2	benzenamine, 4-[2-(4-methoxyphen...	253	C17H19NO	1000401-41-8	47
3	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	47
4	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	47
5	Acridin-1(2H)-one, 3,4-dihydro-3...	282	C18H22N2O	146352-02-5	43





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

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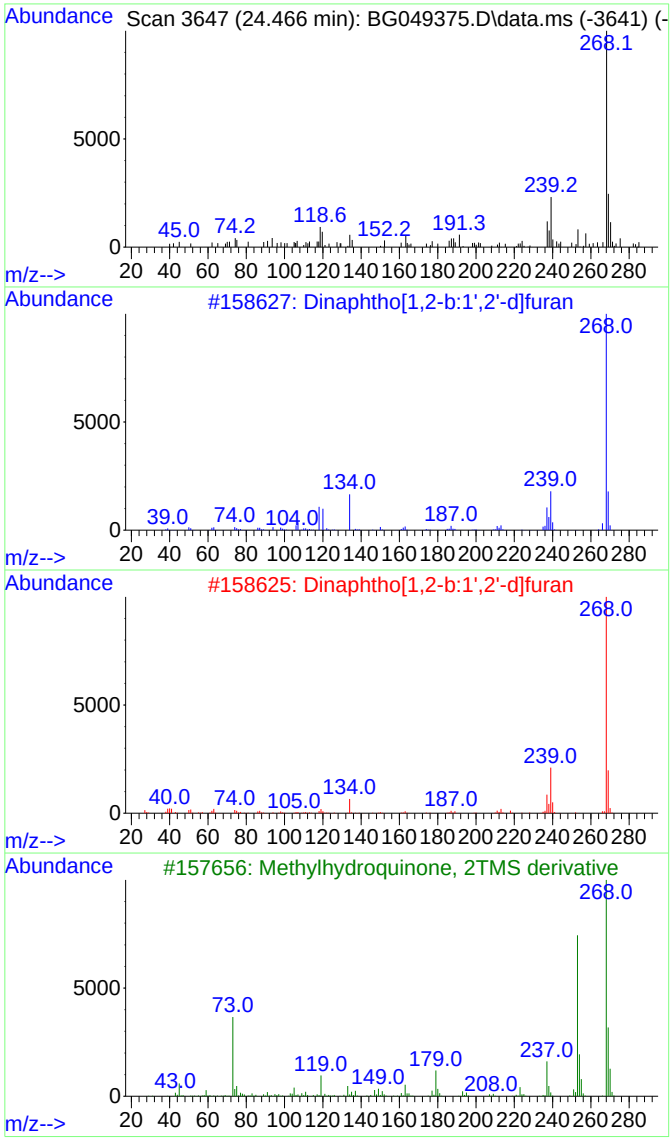
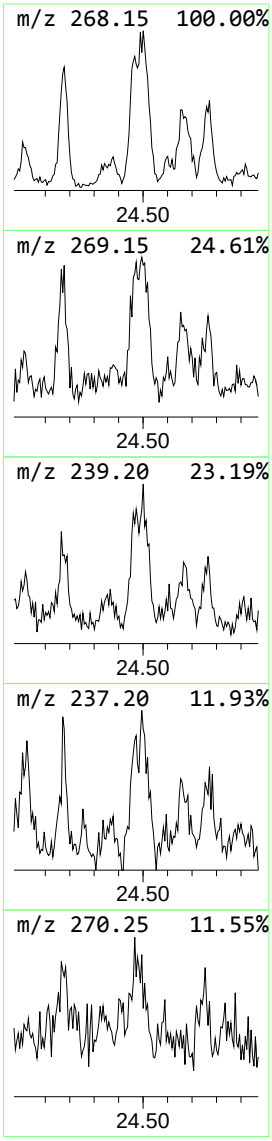
Peak Number 37 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.470	2.63 ng/ul	67470	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	86
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	72
3	Methylhydroquinone, 2TMS derivative	268	C13H24O2Si2	1000352-79-5	64
4	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58
5	3H-1,2,4-Triazole-3-thione, 2,4-...	268	C14H12N4S	014132-84-4	53





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Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

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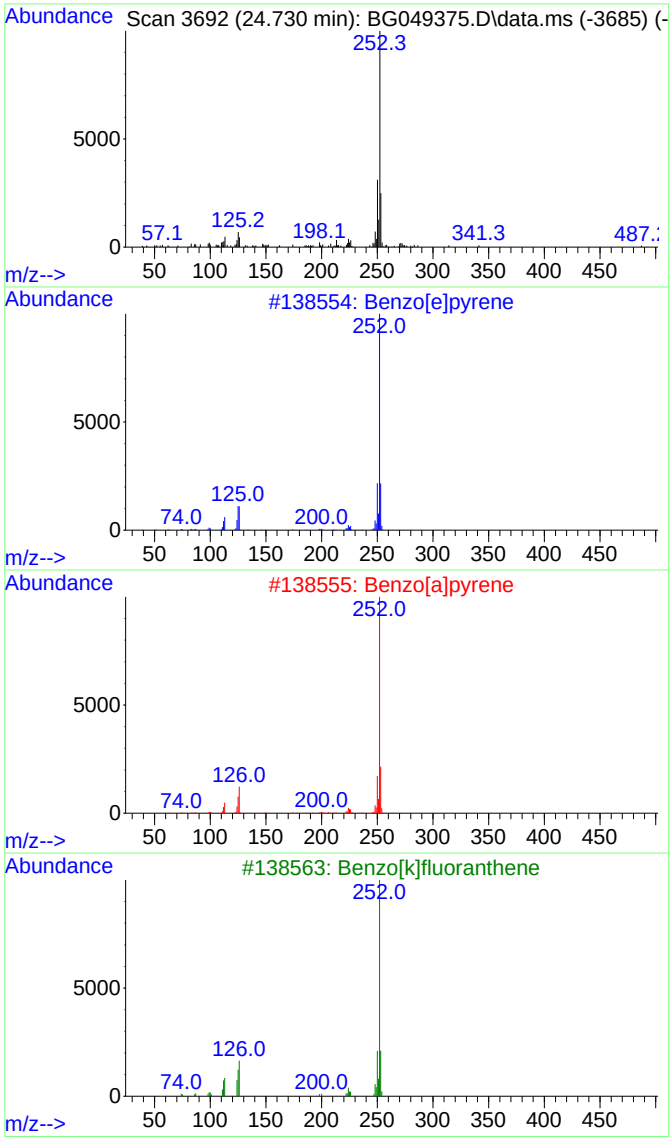
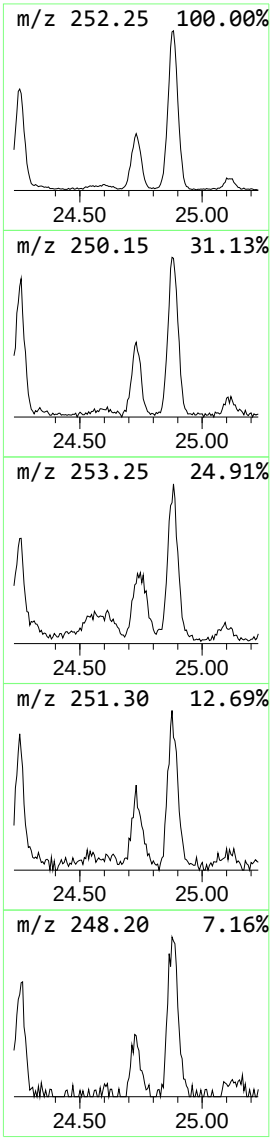
Peak Number 38 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.730	6.52 ng/ul	167609	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

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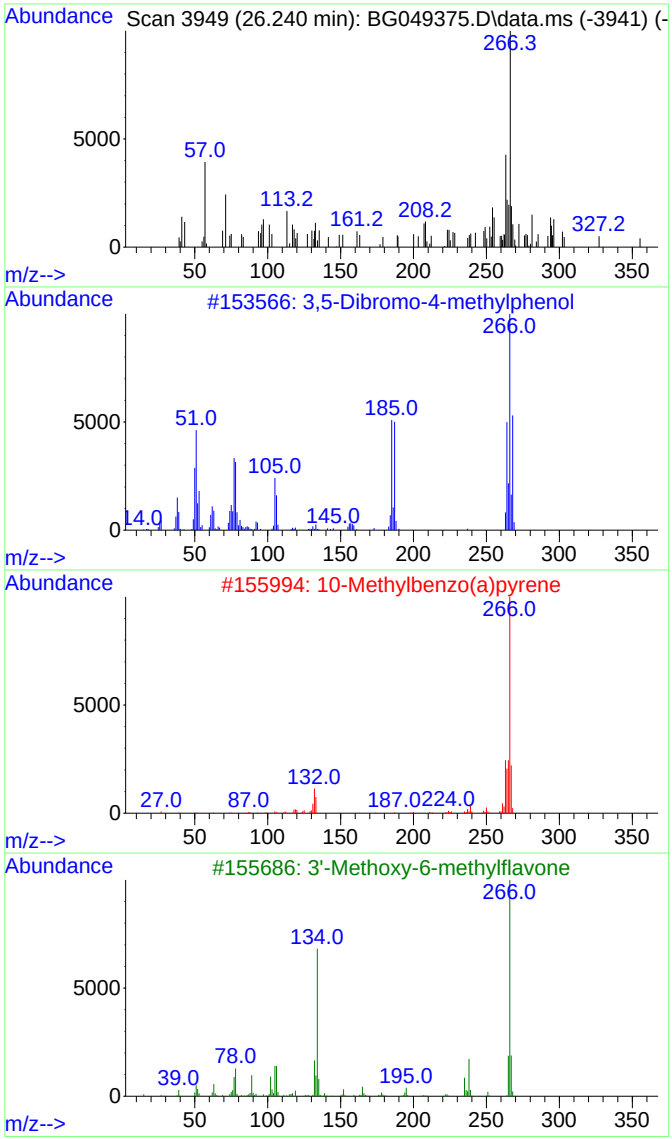
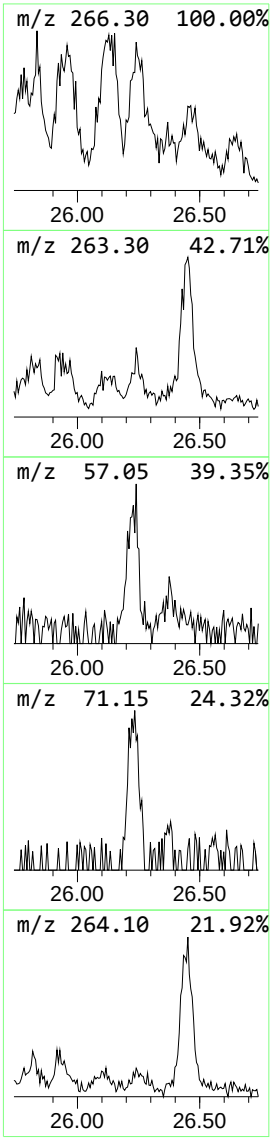
Peak Number 39 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.240	2.53 ng/ul	65141	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dibromo-4-methylphenol	264	C7H6Br2O	013979-81-2	49
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	38
3	3'-Methoxy-6-methylflavone	266	C17H14O3	088952-72-1	35
4	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	35
5	Flavone, 7-methoxy-4'-methyl-	266	C17H14O3	108980-49-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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

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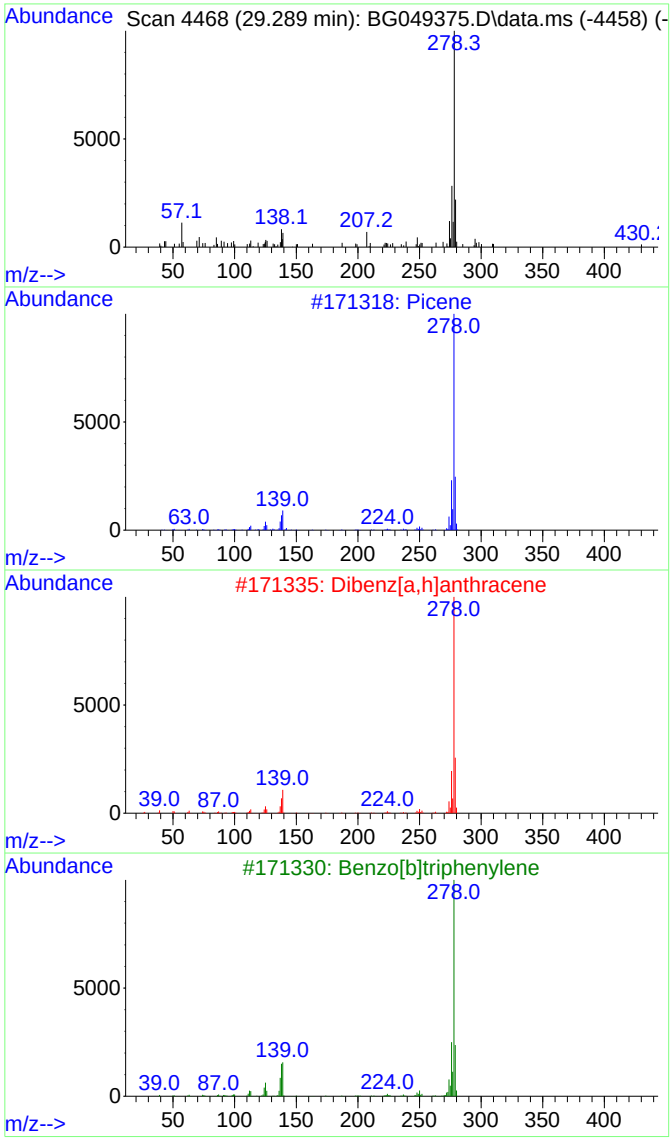
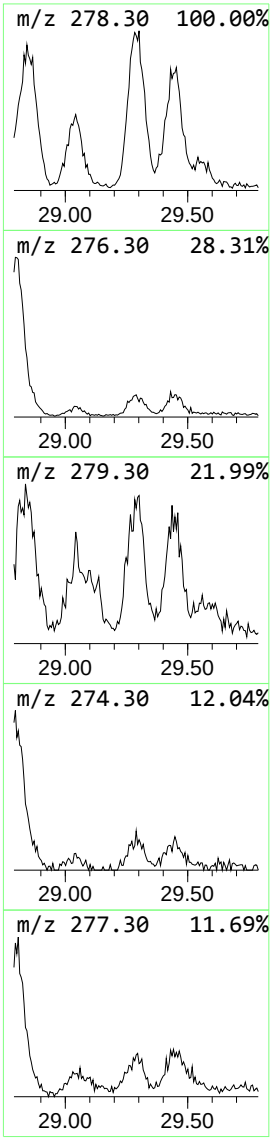
Peak Number 40 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.290	6.86 ng/ul	176326	Perylene-d12	25.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	89
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	76
4	Benzo[b]chrysene	278	C22H14	000214-17-5	76
5	Picene	278	C22H14	000213-46-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049375.D
Acq On : 16 Jul 2021 12:40
Operator : CG/JU
Sample : M2970-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE17

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	26.6	ng/ul	220071	1	8.067	165404	20.0
2,4,6-Cycloheptatrien...	16.050	4.0	ng/ul	69403	3	14.712	346291	20.0
Dibenzofuran, 4...	16.200	4.8	ng/ul	107490	4	17.462	443197	20.0
Chamazulene	16.430	2.2	ng/ul	49068	4	17.462	443197	20.0
9H-Fluorene, 1-...	16.760	4.5	ng/ul	100839	4	17.462	443197	20.0
2-[2-Phenylethe...	16.990	4.4	ng/ul	98262	4	17.462	443197	20.0
3H-Benz[e]inden...	17.120	2.4	ng/ul	52546	4	17.462	443197	20.0
3'-Methyl-[1,1'...	17.190	6.0	ng/ul	133722	4	17.462	443197	20.0
Dibenzothiophene	17.280	4.3	ng/ul	95376	4	17.462	443197	20.0
Anthracene, 2-m...	18.340	11.9	ng/ul	263559	4	17.462	443197	20.0
Phenanthrene, 4...	18.390	15.8	ng/ul	349415	4	17.462	443197	20.0
Phenanthrene, 1...	18.470	11.3	ng/ul	250110	4	17.462	443197	20.0
4H-Cyclopenta[d...	18.540	22.5	ng/ul	497619	4	17.462	443197	20.0
Naphtho[2,3-b]n...	18.570	5.3	ng/ul	118443	4	17.462	443197	20.0
5,16[1',2']:8,1...	18.830	8.4	ng/ul	186754	4	17.462	443197	20.0
Phenanthrene, 2...	19.250	10.7	ng/ul	236708	4	17.462	443197	20.0
unknown-01	19.310	4.2	ng/ul	93509	4	17.462	443197	20.0
Anthracene, 1,4...	19.390	3.1	ng/ul	67983	4	17.462	443197	20.0
11H-Benzo[b]flu...	20.190	3.3	ng/ul	319055	5	21.745	1955110	20.0
Pyrene, 1-methyl-	20.360	7.3	ng/ul	711721	5	21.745	1955110	20.0
11H-Benzo[a]flu...	20.460	5.3	ng/ul	521808	5	21.745	1955110	20.0
Pyrene, 4-methyl-	20.520	2.6	ng/ul	254836	5	21.745	1955110	20.0
Hexanedioic aci...	20.820	4.9	ng/ul	477210	5	21.745	1955110	20.0
Benzo[c]phenant...	21.360	2.0	ng/ul	200290	5	21.745	1955110	20.0
1H-Benz[f]inden...	22.490	3.8	ng/ul	373654	5	21.745	1955110	20.0
unknown-02	23.620	2.6	ng/ul	67824	6	25.035	513952	20.0
Dinaphtho[1,2-b...	24.470	2.6	ng/ul	67470	6	25.035	513952	20.0
Benzo[e]pyrene	24.730	6.5	ng/ul	167609	6	25.035	513952	20.0
unknown-03	26.240	2.5	ng/ul	65141	6	25.035	513952	20.0
Picene	29.290	6.9	ng/ul	176326	6	25.035	513952	20.0