LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.078	3	7	11	rBV3	54105	100731	8.15%	0.636%
2	3.155	16	20	38	rVB	220696	467114	37.78%	2.948%
3	3.859	136	140	152	rBV2	52084	105701	8.55%	0.667%
4	3.959	152	157	165	rVB	30249	51625	4.18%	0.326%
5	4.183	191	195	200	rBV5	4040	8173	0.66%	0.052%
6	4.412	229	234	239	rBV2	21727	33498	2.71%	0.211%
7	4.746	287	291	299	rBV6	4982	9308	0.75%	0.059%
8	4.829	299	305	311	rVV2	10294	16027	1.30%	0.101%
9	5.128	352	356	363	rVB7	3637	7937	0.64%	0.050%
10	5.211	365	370	377	rBV3	7163	12683	1.03%	0.080%
11	6.033	506	510	517	rVB4	3062	7308	0.59%	0.046%
12	7.202	701	709	718	rBV2	136945	250973	20.30%	1.584%
13	7.361	730	736	744	rBV	86734	153483	12.41%	0.969%
14	7.572	765	772	782	rVB2	137643	241141	19.50%	1.522%
15	8.042	843	852	859	rBV2	102318	179008	14.48%	1.130%
16	8.753	967	973	983	rBV2	120507	221691	17.93%	1.399%
17	9.211	1045	1051	1058	rBV	135628	255987	20.70%	1.616%
18	9.939	1168	1175	1184	rVB	132449	245663	19.87%	1.551%
19	10.486	1261	1268	1279	rBV	179463	324976	26.28%	2.051%
20	10.627	1287	1292	1304	rBV2	26327	55559	4.49%	0.351%
21	10.868	1319	1333	1339	rBV2	134796	247431	20.01%	1.562%
22	10.915	1339	1341	1348	rVB2	5857	7848	0.63%	0.050%
23	11.003	1348	1356	1367	rBV	93691	187697	15.18%	1.185%
24	12.272	1566	1572	1579	rBV3	6488	10343	0.84%	0.065%
25	12.524	1610	1615	1623	rVB	7000	12910	1.04%	0.081%
26	12.747	1646	1653	1660	rBV2	5966	11255	0.91%	0.071%
27	13.511	1777	1783	1790	rBV7	8590	16344	1.32%	0.103%
28	14.010	1863	1868	1872	rBV3	7678	10566	0.85%	0.067%
29	14.093	1875	1882	1890	rBV	339428	505648	40.89%	3.192%
30	14.392	1926	1933	1948	rVB	355757	589894	47.71%	3.723%
31	14.580	1961	1965	1971	rVB4	10184	14196	1.15%	0.090%
32	14.698	1976	1985	1992	rVV	215163	335665	27.15%	2.119%
33	14.756	1992	1995	2003	rVB5	4481	9214	0.75%	0.058%
34	14.903	2014	2020	2031	rBV2	135557	253619	20.51%	1.601%
35	15.044	2039	2044	2049	rBV4	9160	13690	1.11%	0.086%
36	15.097	2049	2053	2058	rVB3	9862	16268	1.32%	0.103%

LSC Area Percent Report

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Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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-BG080421.M
Title : SVOA CALIBRATION

37	15.315	2085	2090	2094	rBV3	4797	8089	0.65%	0.051%
38	15.479	2114	2118	2122	rBV2	9681	17357	1.40%	0.110%
39	15.532	2122	2127	2131	rVB3	11009	17401	1.41%	0.110%
40	15.690	2146	2154	2160	rBV	448057	693044	56.05%	4.374%
41	15.743	2160	2163	2166	rVV5	16667	20866	1.69%	0.132%
42	15.808	2169	2174	2182	rVB	153345	238451	19.28%	1.505%
43	15.937	2189	2196	2200	rBV6	6531	13992	1.13%	0.088%
44	16.037	2208	2213	2219	rVB6	7043	12183	0.99%	0.077%
45	16.184	2235	2238	2243	rBV4	5751	9371	0.76%	0.059%
46	16.390	2269	2273	2276	rBV3	15820	21749	1.76%	0.137%
47	16.642	2312	2316	2322	rBV6	5979	9778	0.79%	0.062%
48	16.754	2330	2335	2339	rVB5	7752	16371	1.32%	0.103%
49	16.801	2339	2343	2346	rBV4	5344	8427	0.68%	0.053%
50	16.977	2367	2373	2376	rBV3	16210	24544	1.98%	0.155%
51	17.100	2390	2394	2400	rBV5	13111	20255	1.64%	0.128%
52	17.183	2403	2408	2414	rBV6	19765	34514	2.79%	0.218%
53	17.271	2419	2423	2429	rVB4	10655	15925	1.29%	0.101%
54	17.329	2429	2433	2438	rVB4	5208	9258	0.75%	0.058%
55	17.447	2447	2453	2457	rBV	234096	369559	29.89%	2.333%
56	17.494	2457	2461	2465	rVB	141582	204651	16.55%	1.292%
57	17.547	2465	2470	2475	rBV2	434865	692769	56.03%	4.373%
58	17.641	2481	2486	2490	rVB5	10629	21578	1.75%	0.136%
59	17.852	2516	2522	2524	rBV3	16438	27482	2.22%	0.173%
60	17.929	2531	2535	2538	rVB3	12717	16582	1.34%	0.105%
61	17.964	2538	2541	2547	rVB4	12886	15193	1.23%	0.096%
62	18.029	2549	2552	2557	rVB3	8309	11050	0.89%	0.070%
63	18.328	2598	2603	2607	rBV	63901	92423	7.47%	0.583%
64	18.375	2607	2611	2617	rVB	64089	97310	7.87%	0.614%
65	18.451	2620	2624	2629	rVB2	22754	35003	2.83%	0.221%
66	18.516	2630	2635	2640	rVV2	57245	115521	9.34%	0.729%
67	18.557	2640	2642	2648	rVB3	33013	39882	3.23%	0.252%
68	18.622	2649	2653	2658	rBV5	15137	24773	2.00%	0.156%
69	18.675	2658	2662	2666	rBV7	8111	11496	0.93%	0.073%
70	18.822	2682	2687	2691	rBV	50026	75947	6.14%	0.479%
71	18.869	2691	2695	2699	rVB3	32527	47374	3.83%	0.299%
72	19.068	2724	2729	2733	rBV7	17768	28030	2.27%	0.177%
73	19.115	2734	2737	2740	rVV	21517	25126	2.03%	0.159%
74	19.156	2740	2744	2748	rVB3	17004	21797	1.76%	0.138%
75	19.239	2752	2758	2763	rBV3	47929	88465	7.15%	0.558%
76	19.327	2771	2773	2777	rVB	22985	24614	1.99%	0.155%

LSC Area Percent Report

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Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

77	19.380	2777	2782	2790	rBV5	35898	80125	6.48%	0.506%
78	19.503	2797	2803	2809	rVB	897616	1236502	100.00%	7.805%
79	19.556	2810	2812	2816	rBV3	17384	21158	1.71%	0.134%
80	19.650	2824	2828	2832	rBV	21824	33842	2.74%	0.214%
81	19.744	2840	2844	2848	rBV	17014	25640	2.07%	0.162%
82	19.838	2854	2860	2862	rBV3	620385	969442	78.40%	6.119%
83	19.867	2862	2865	2872	rVV	687430	934451	75.57%	5.898%
84	19.932	2872	2876	2883	rVB3	42619	70399	5.69%	0.444%
85	20.043	2889	2895	2900	rVB2	66453	103450	8.37%	0.653%
86	20.190	2912	2920	2926	rBV4	68255	191585	15.49%	1.209%
87	20.320	2936	2942	2943	rBV4	47428	76493	6.19%	0.483%
88	20.355	2945	2948	2954	rVB	106813	149633	12.10%	0.944%
89	20.455	2961	2965	2969	rBV	60647	83116	6.72%	0.525%
90	20.513	2969	2975	2979	rVV2	68352	126516	10.23%	0.799%
91	20.654	2995	2999	3002	rBV	40502	54460	4.40%	0.344%
92	21.118	3075	3078	3083	rVB2	90124	119349	9.65%	0.753%
93	21.359	3114	3119	3122	rBV2	68435	120602	9.75%	0.761%
94	21.600	3157	3160	3165	rVB3	58715	93142	7.53%	0.588%
95	21.718	3174	3180	3187	rBV2	399658	1037335	83.89%	6.548%
96	21.782	3188	3191	3201	rVB2	281047	453143	36.65%	2.860%
97	22.752	3353	3356	3362	rVB5	43314	70750	5.72%	0.447%
98	23.973	3557	3564	3572	rBV2	211409	709788	57.40%	4.480%
99	24.802	3697	3705	3710	rBV2	206585	493627	39.92%	3.116%
100	25.019	3735	3742	3749	rBV2	123114	319089	25.81%	2.014%

Sum of corrected areas: 15843011

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
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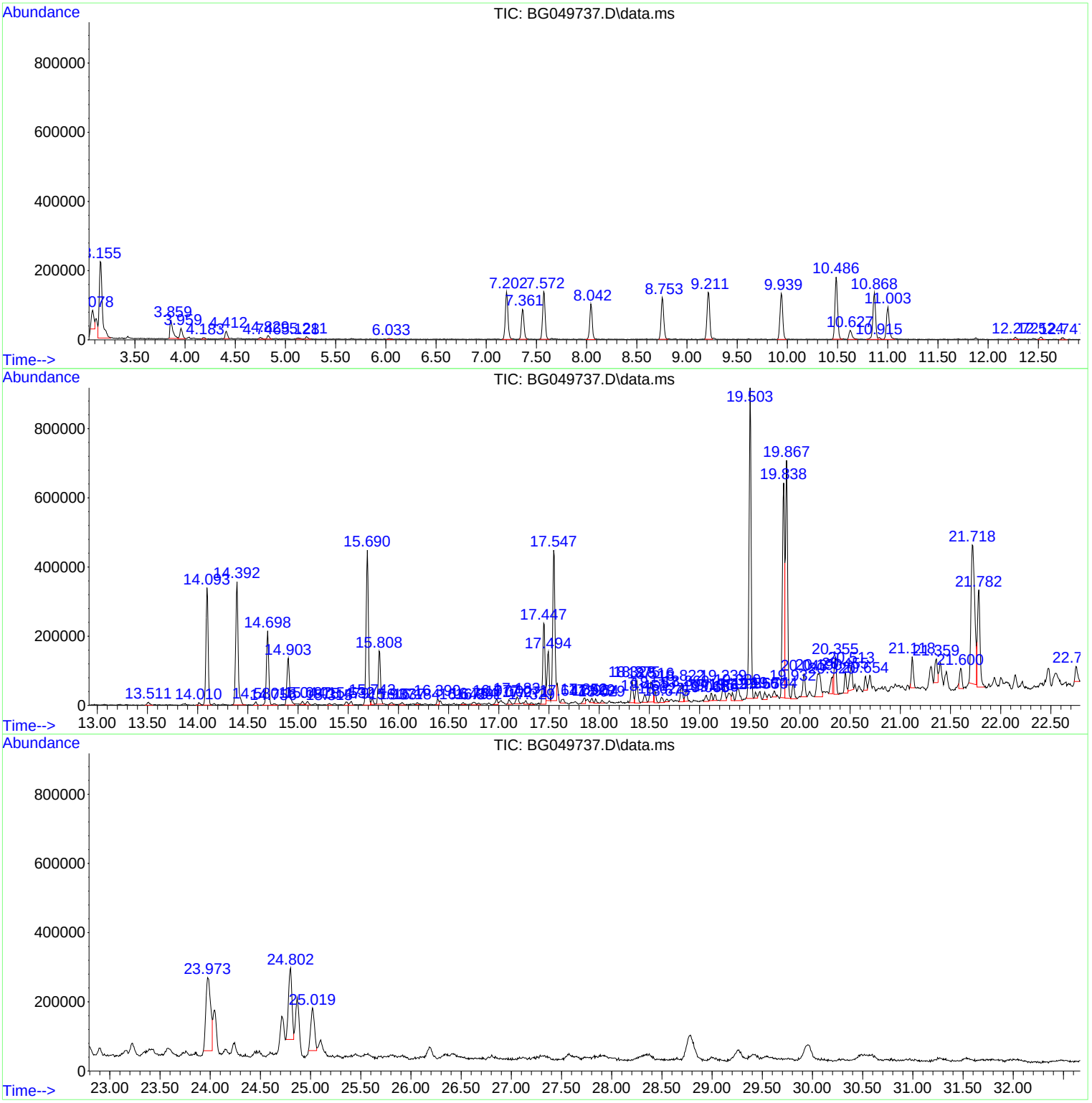
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0093

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0093

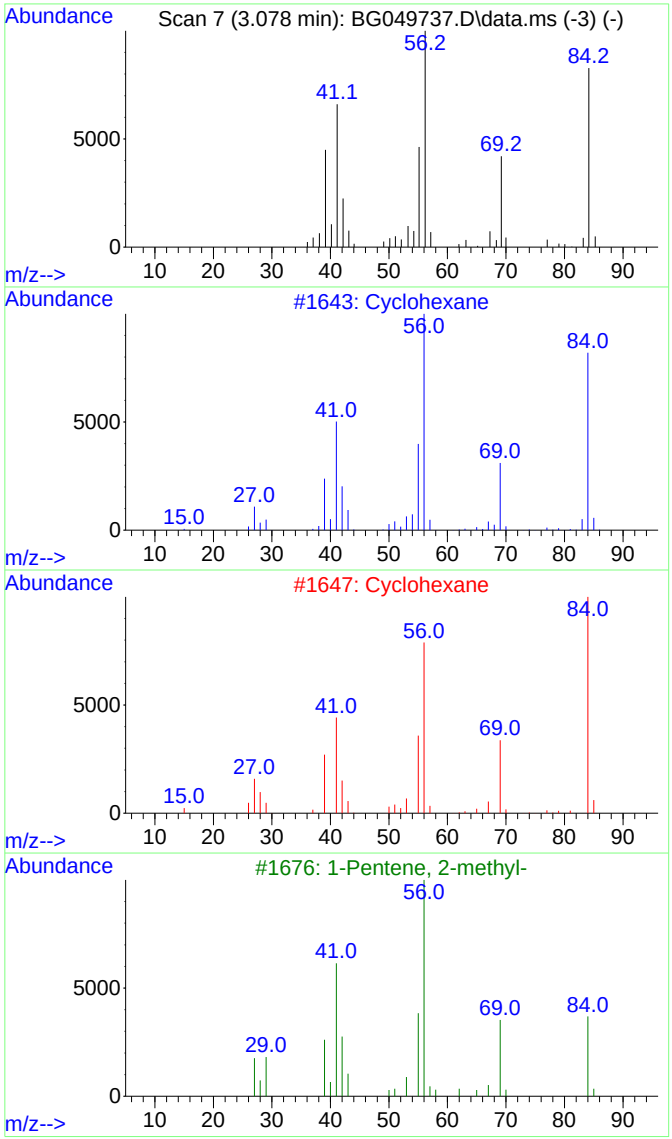
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

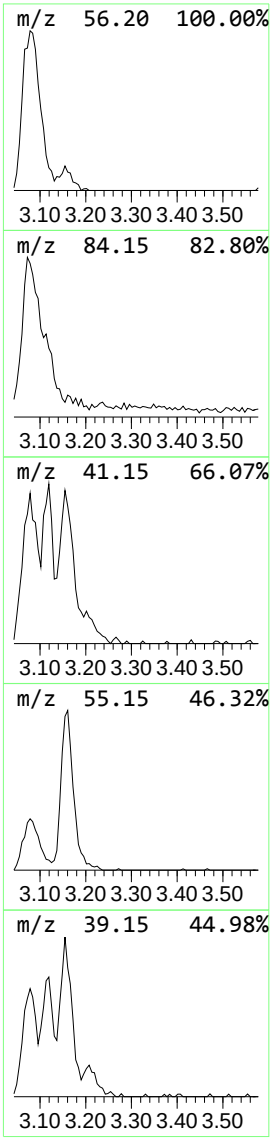
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.078 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.078	11.25 ng/ul	100731	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	Cyclohexane	84	C6H12	000110-82-7	74
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclohexane	84	C6H12	000110-82-7	74
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

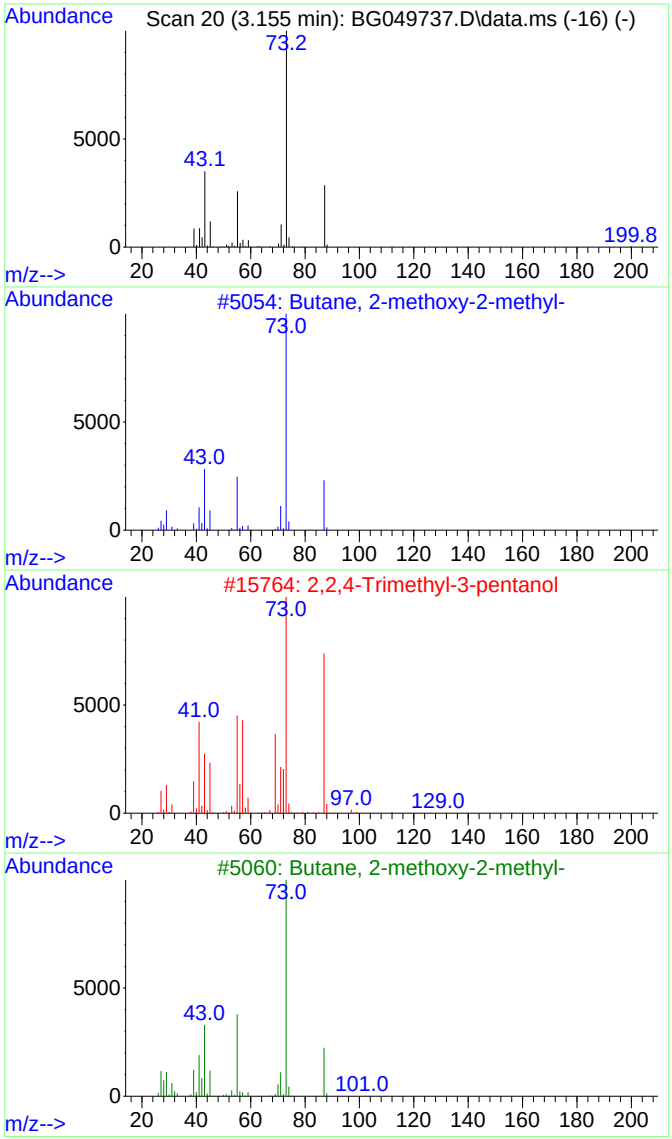
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

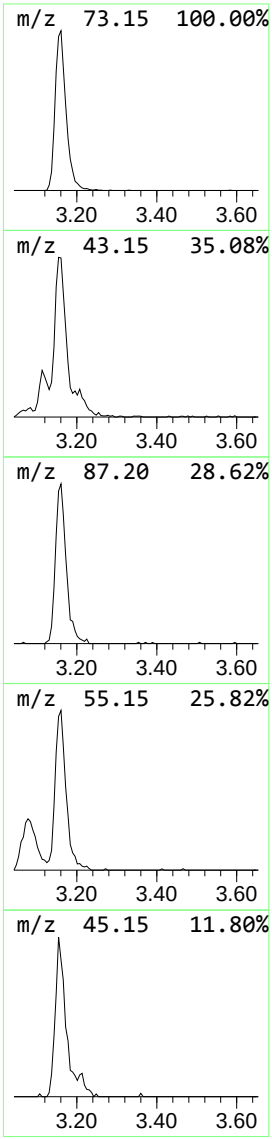
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	52.19 ng/ul	467114	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





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Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
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Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

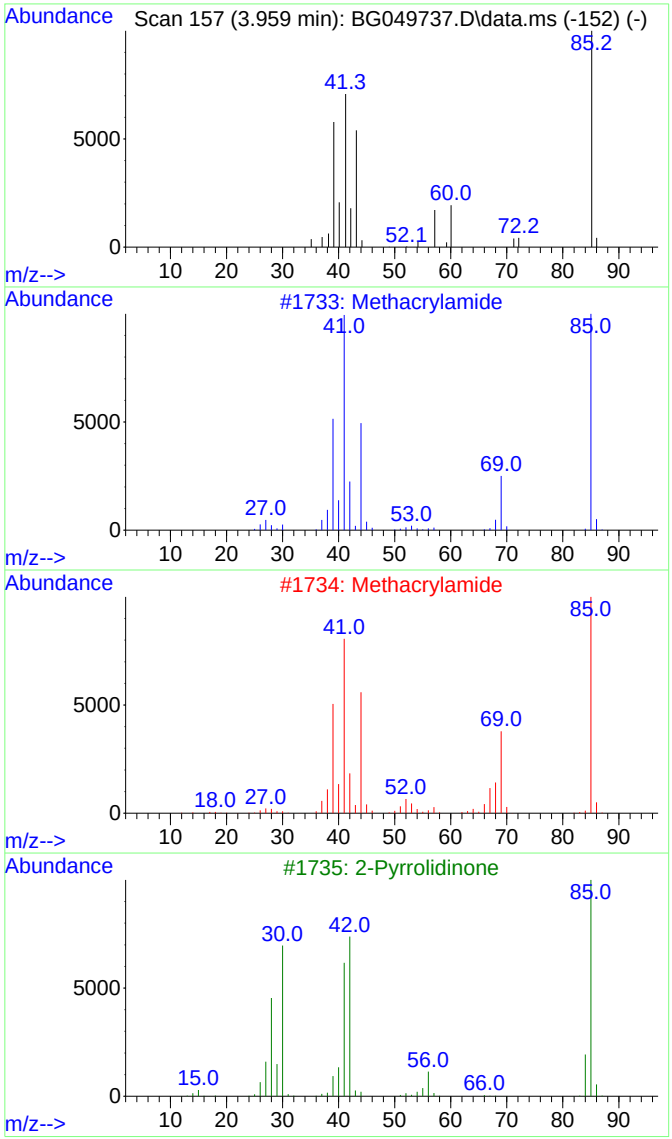
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

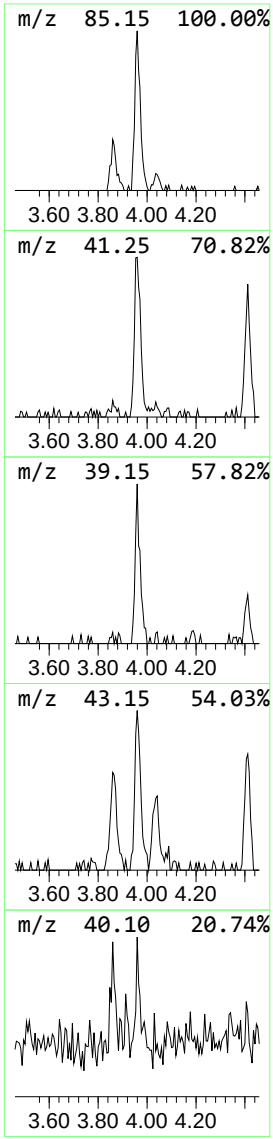
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.959	5.77 ng/ul	51625	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	43
2	Methacrylamide	85	C4H7NO	000079-39-0	42
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	17
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	9
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0093

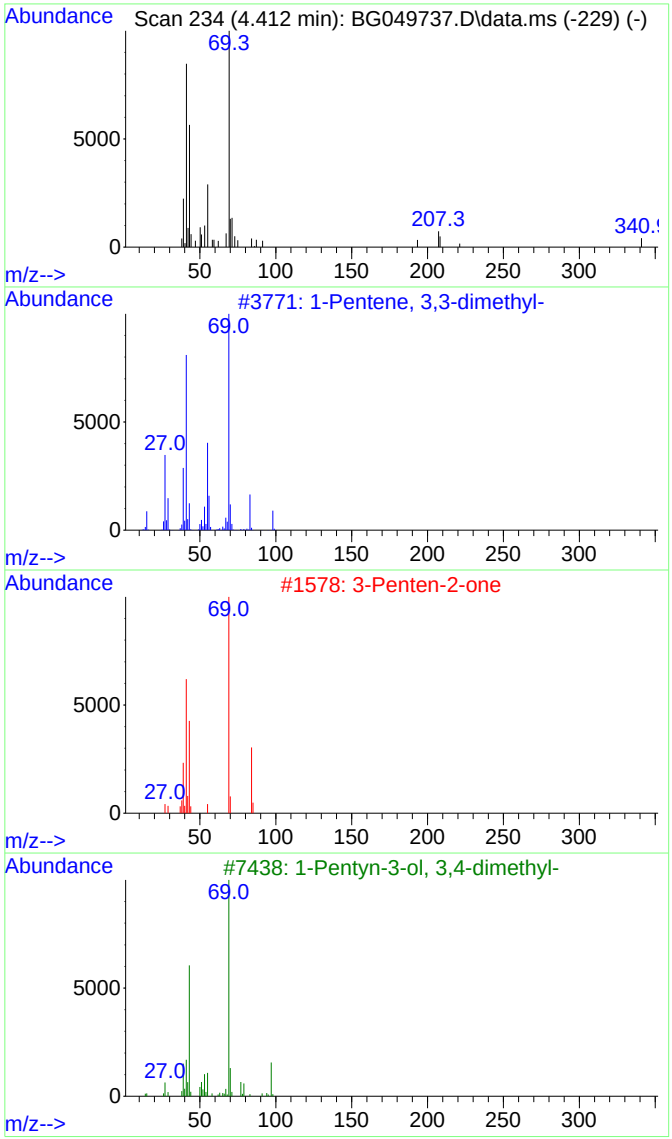
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

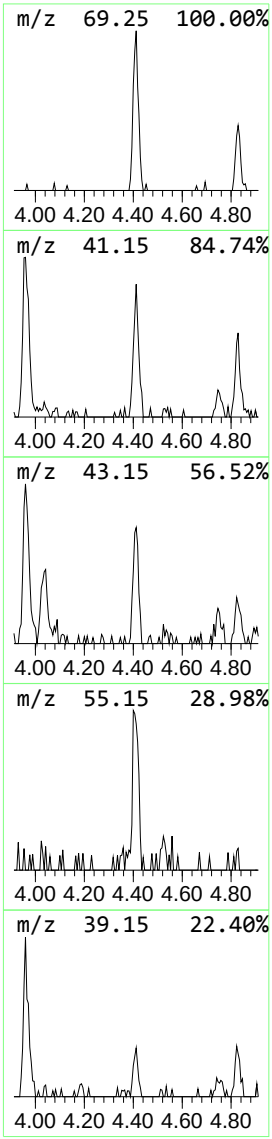
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.412	3.74 ng/ul	33498	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
2	3-Penten-2-one	84	C5H8O	000625-33-2	42
3	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	40
4	1-Octen-4-ol	128	C8H16O	040575-42-6	38
5	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

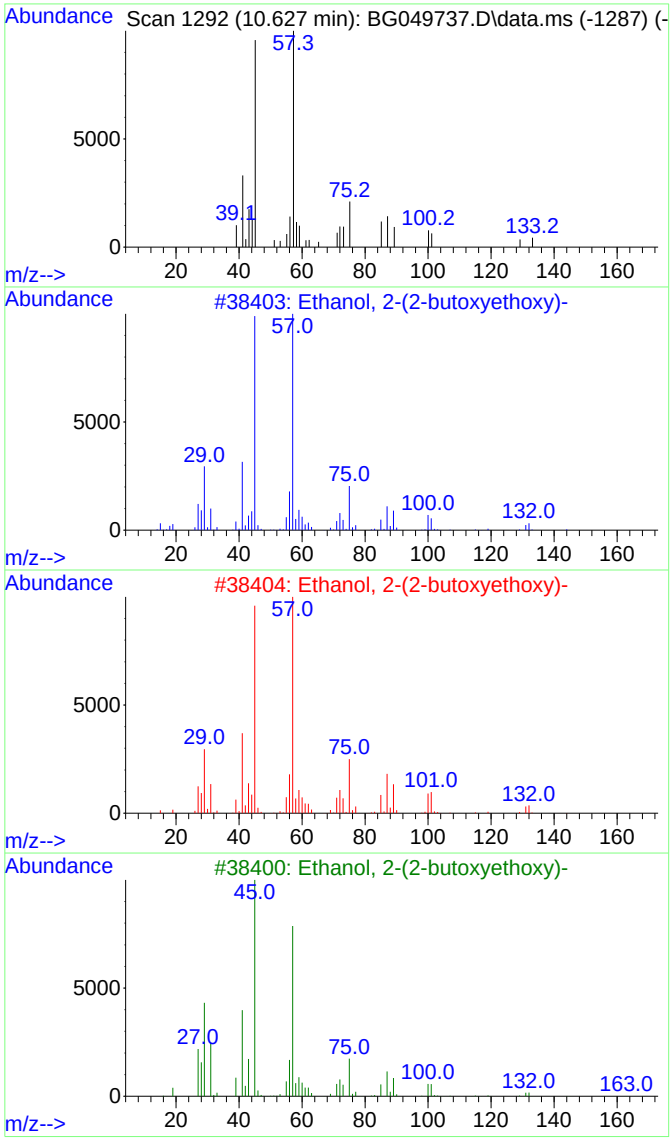
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

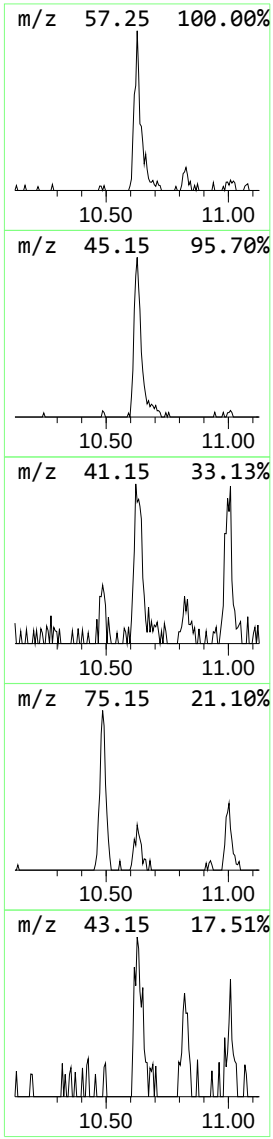
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	4.49 ng/ul	55559	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78





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Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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Quant Title : SVOA CALIBRATION

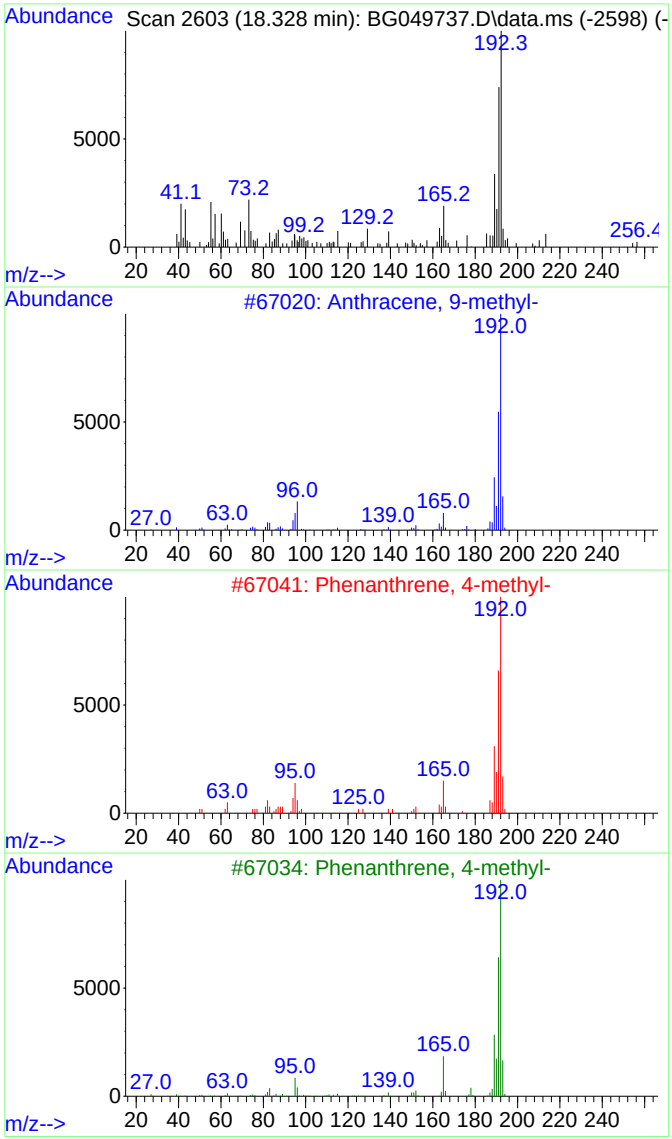
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

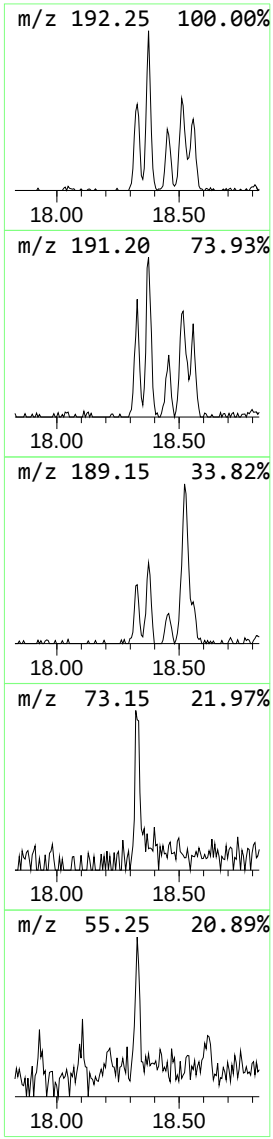
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	5.00 ng/ul	92423	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





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Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

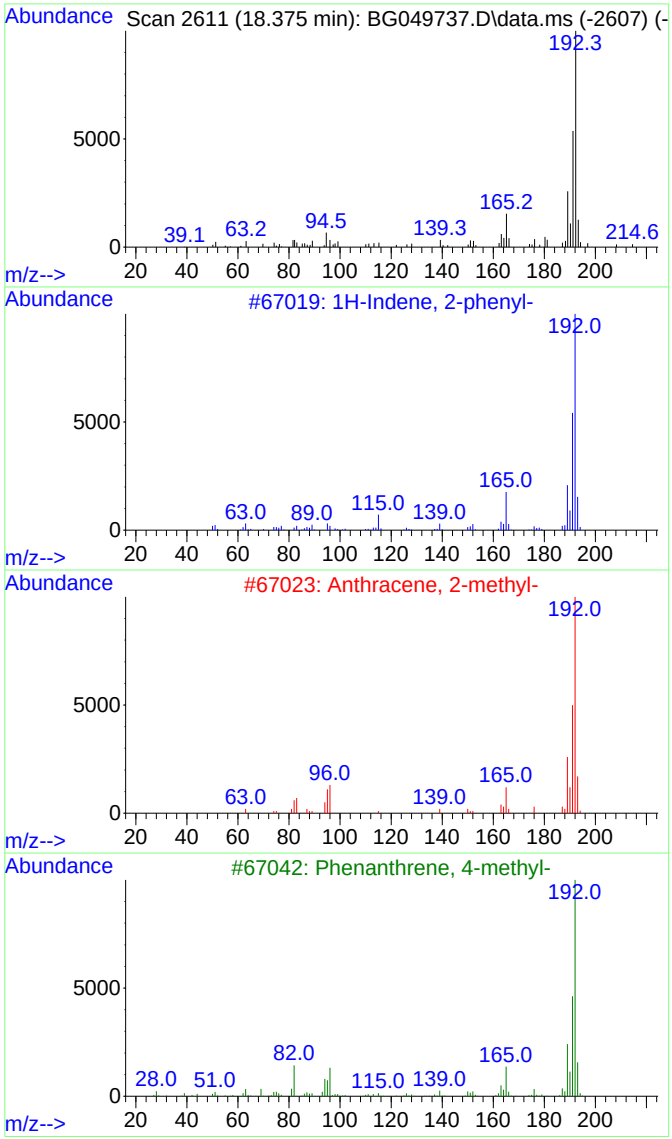
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

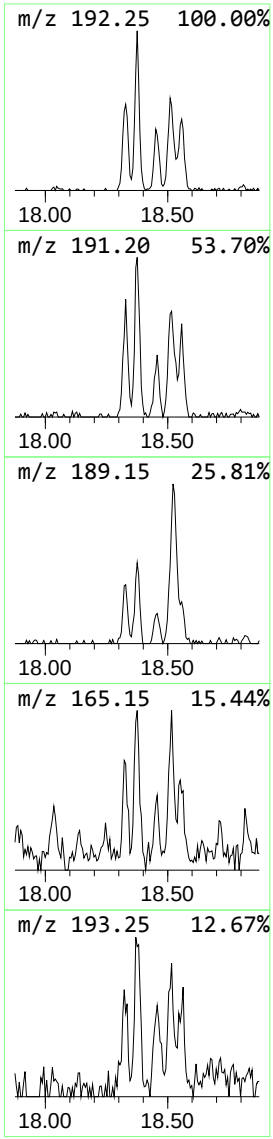
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	5.27 ng/ul	97310	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





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Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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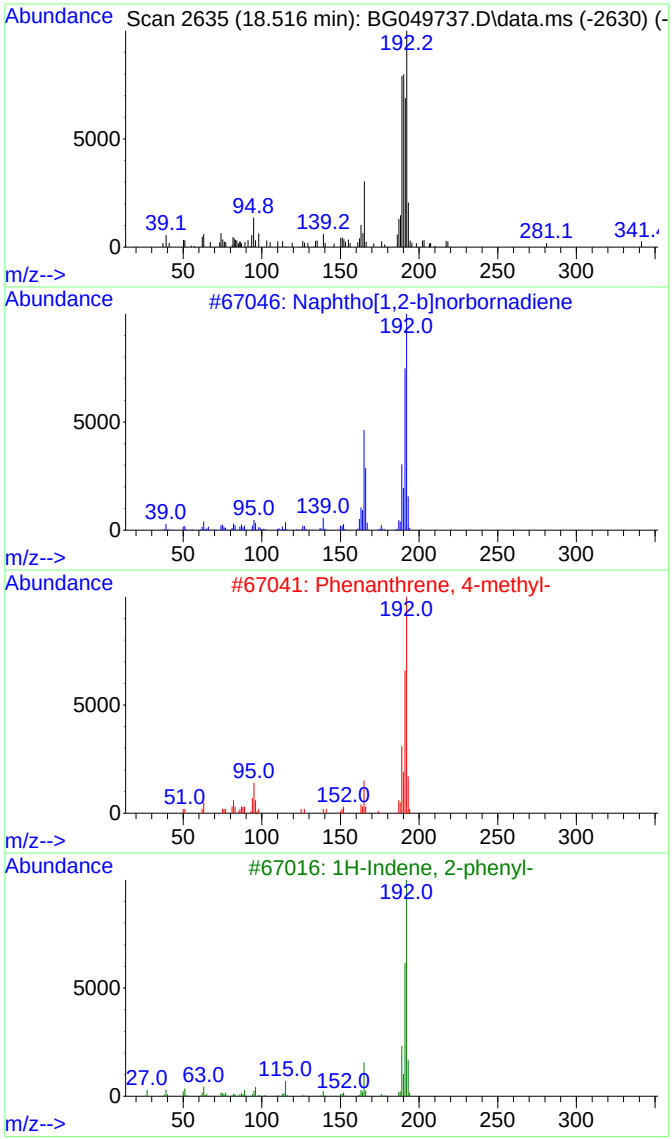
Quant Title : SVOA CALIBRATION

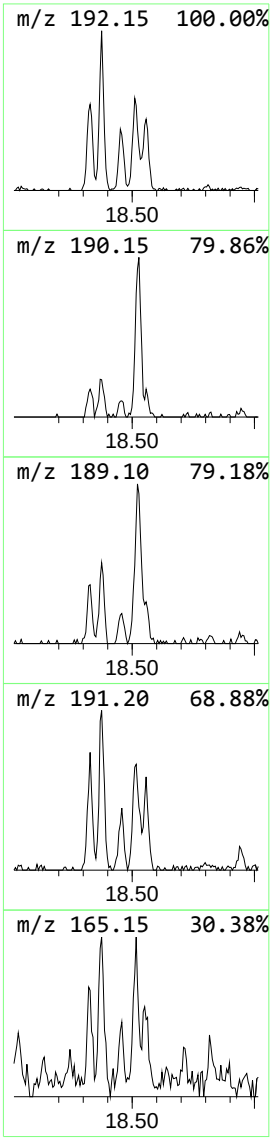
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[1,2-b]norbornadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	6.25 ng/ul	115521	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46





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Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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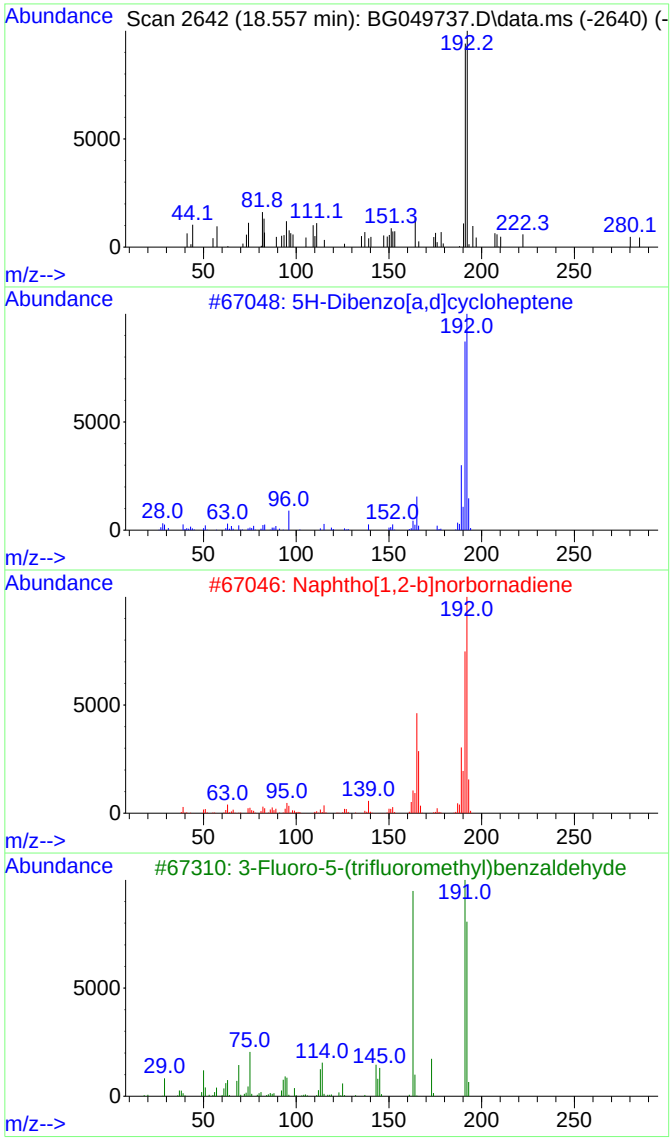
Quant Title : SVOA CALIBRATION

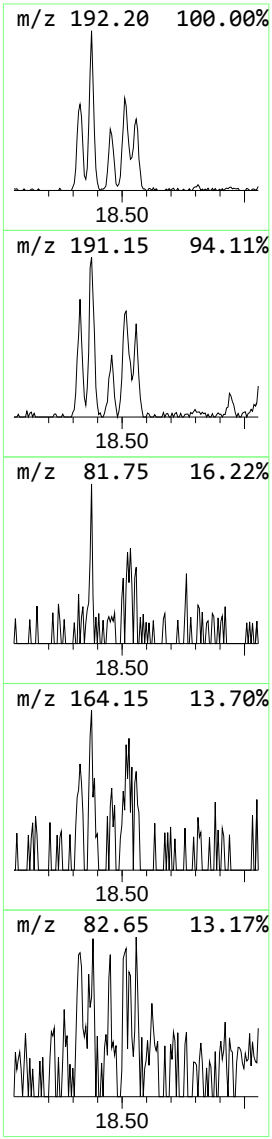
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	2.16 ng/ul	39882	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	59
3	3-Fluoro-5-(trifluoromethyl)benz...	192	C8H4F4O	188815-30-7	59
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	59
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	59





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Instrument : BNA_G
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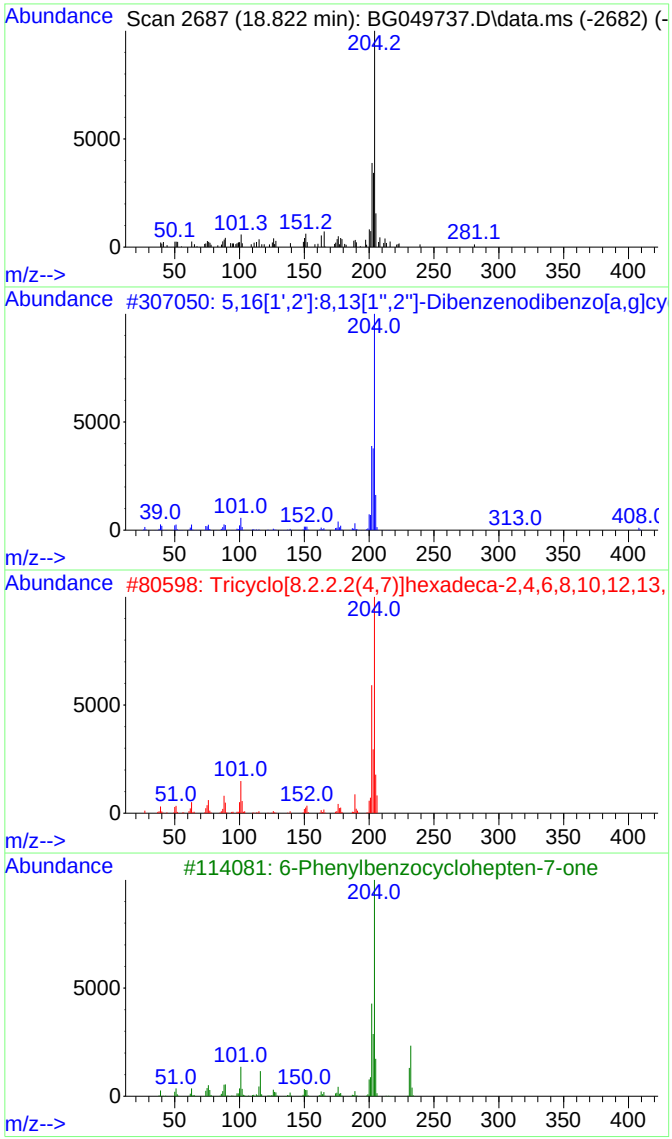
Quant Title : SVOA CALIBRATION

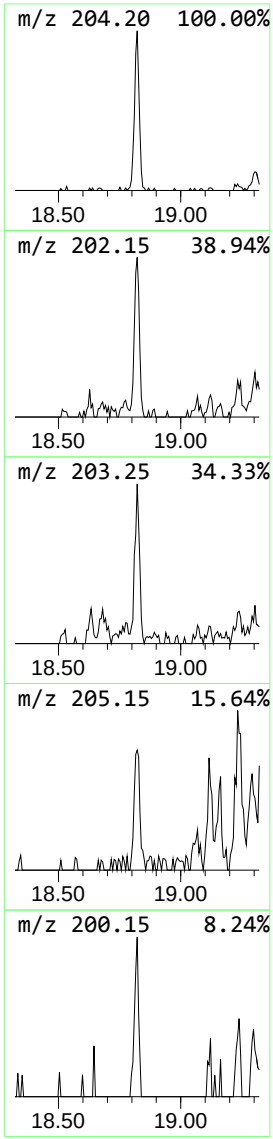
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.822	4.11 ng/ul	75947	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50





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Instrument : BNA_G
ClientSampleId : C0093

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Quant Title : SVOA CALIBRATION

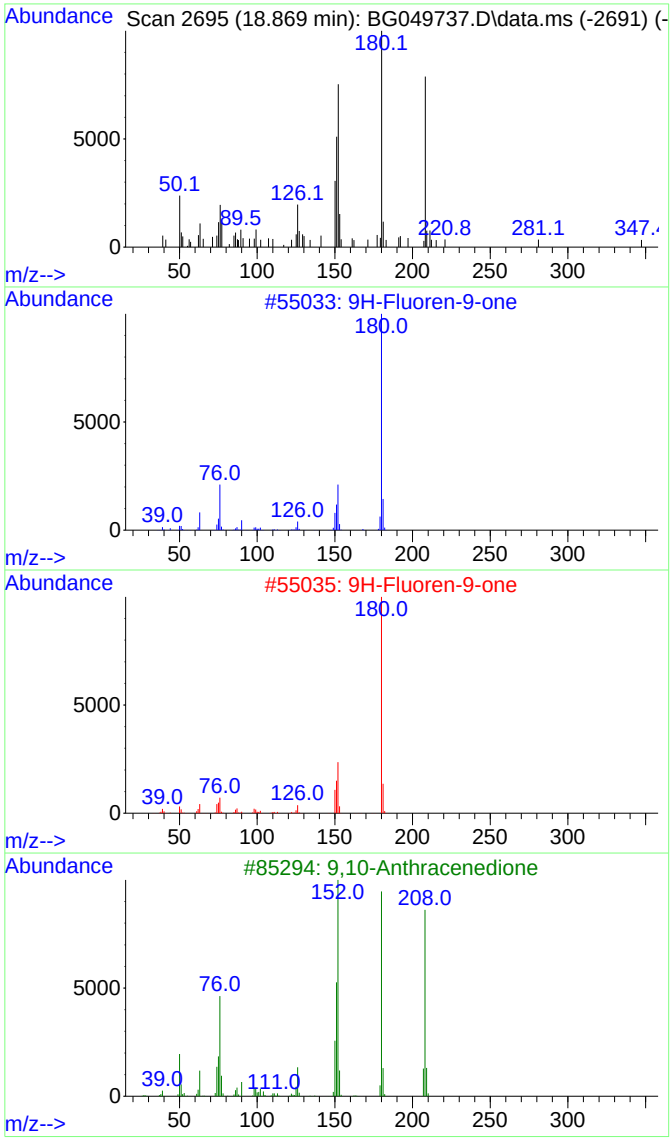
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

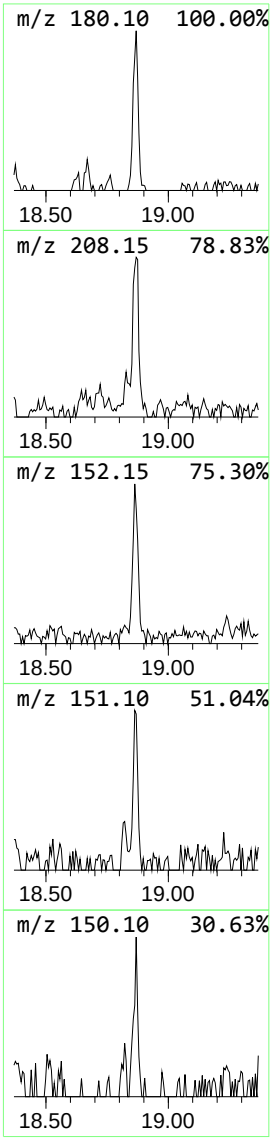
****

Peak Number 11 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.56 ng/ul	47374	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	70
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	64





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Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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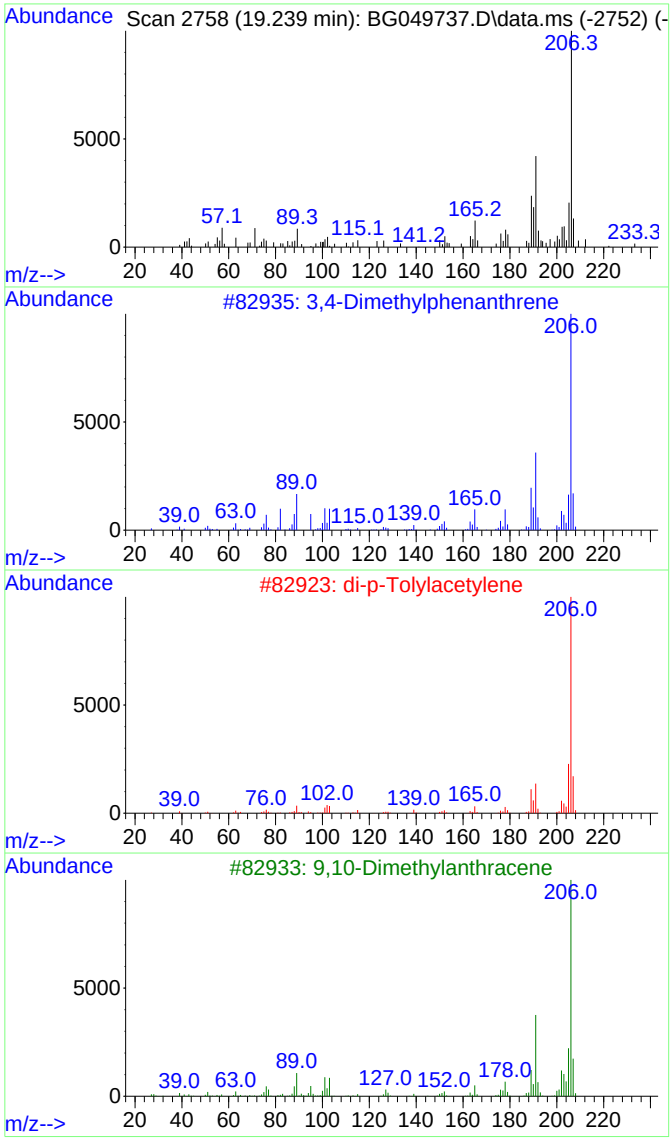
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

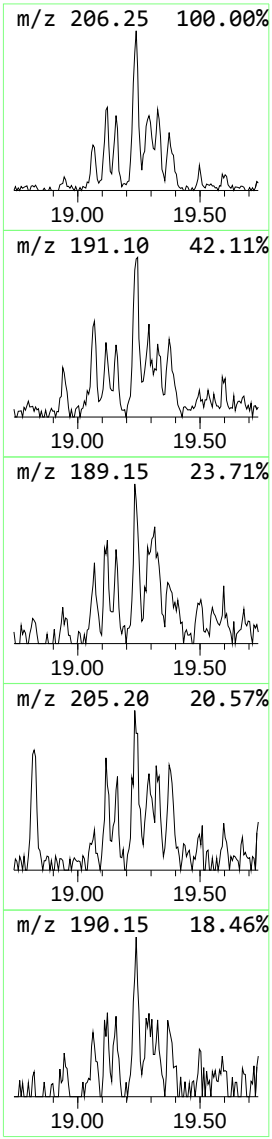
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3,4-Dimethylphenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	4.79 ng/ul	88465	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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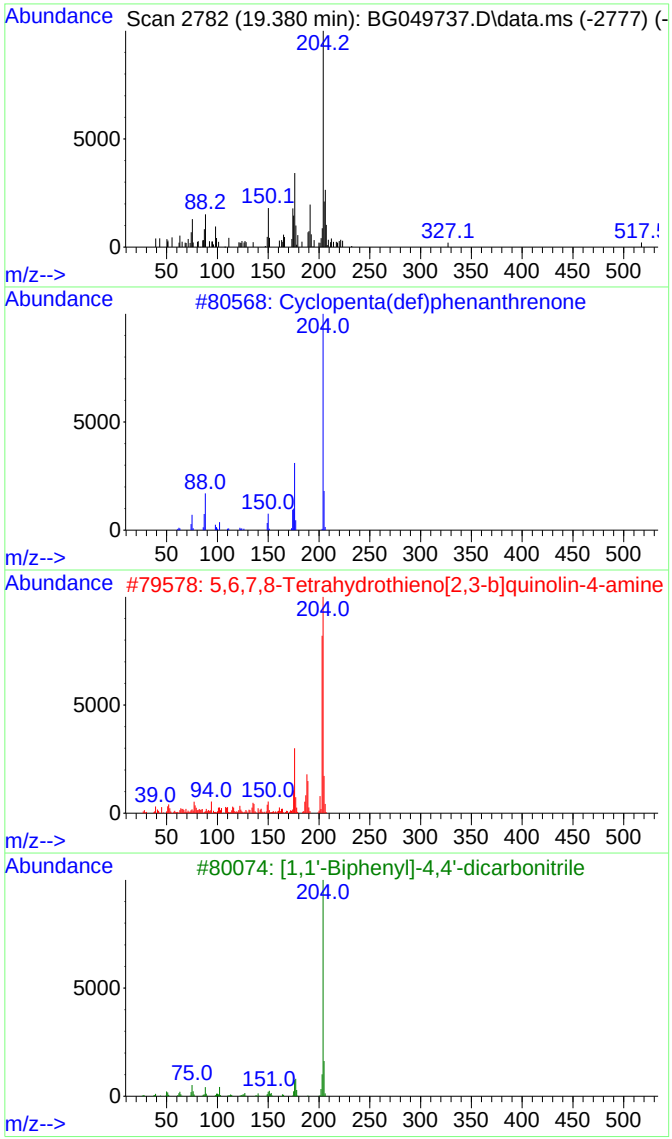
Quant Title : SVOA CALIBRATION

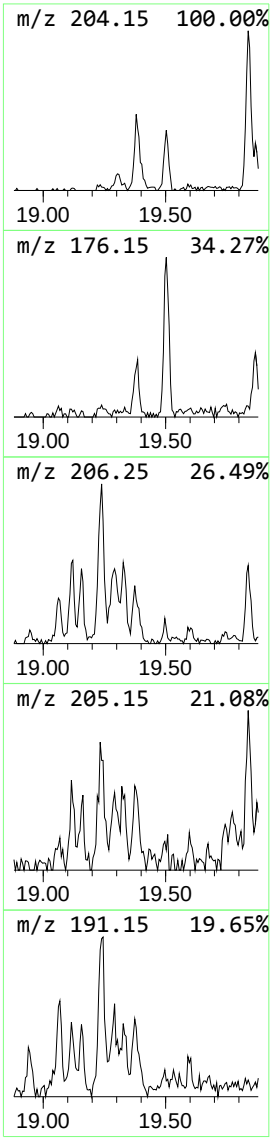
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	4.34 ng/ul	80125	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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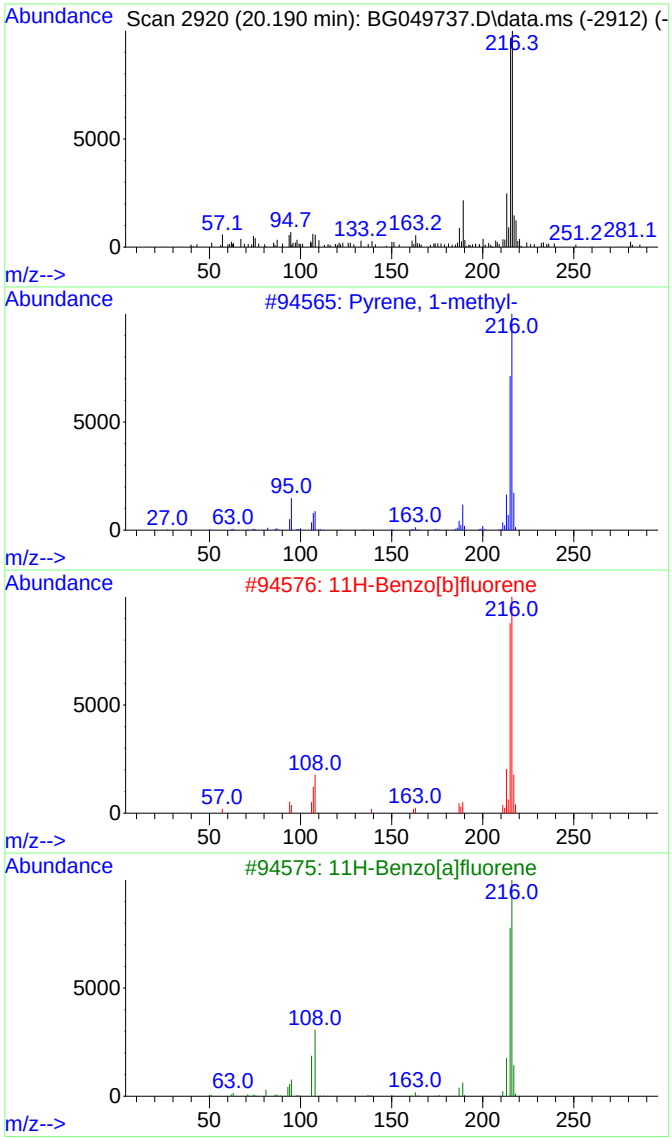
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

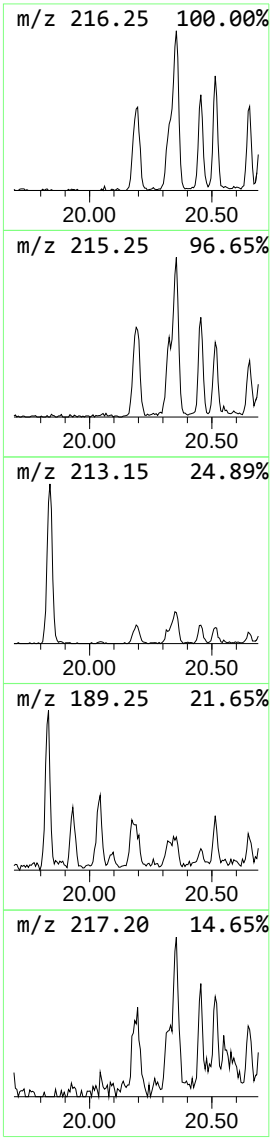
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	3.69 ng/ul	191585	Chrysene-d12	21.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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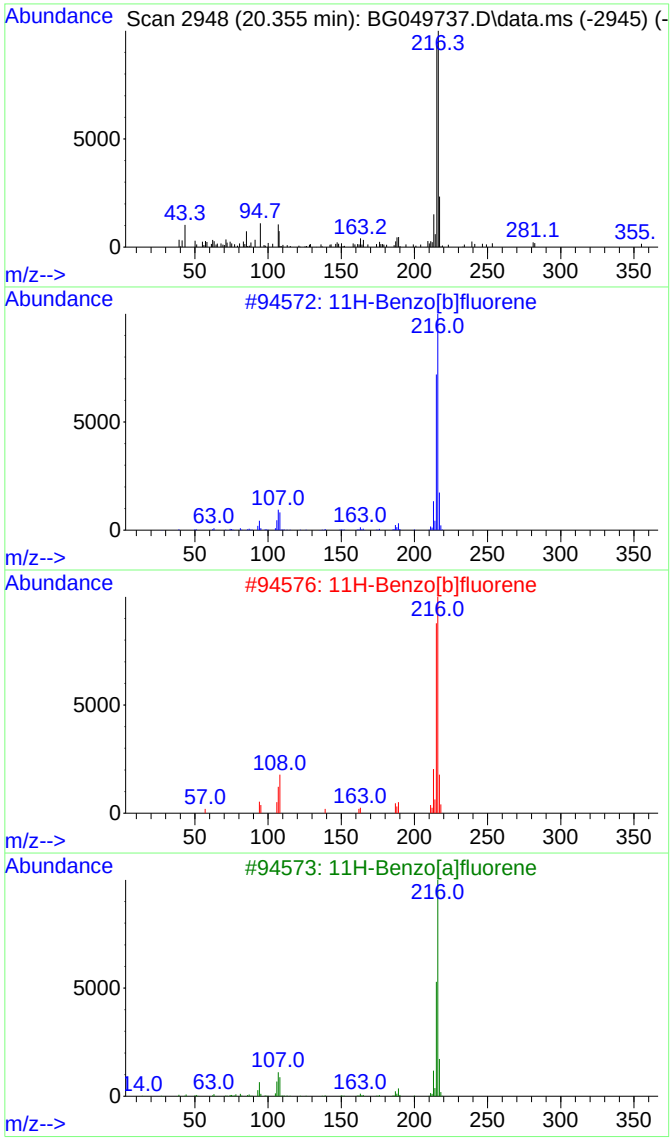
Quant Title : SVOA CALIBRATION

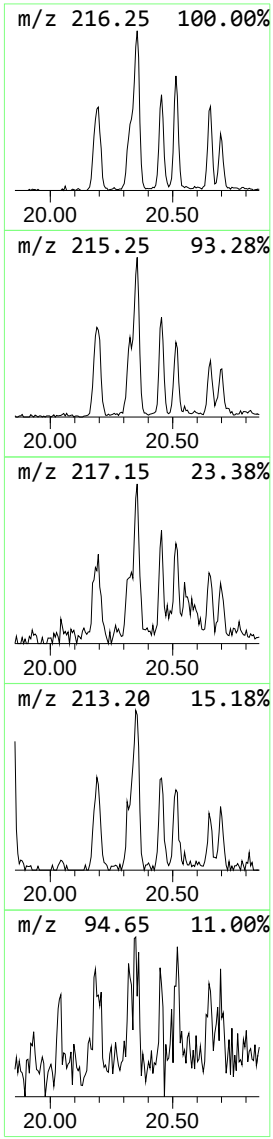
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.355	2.88 ng/ul	149633	Chrysene-d12	21.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Quant Title : SVOA CALIBRATION

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

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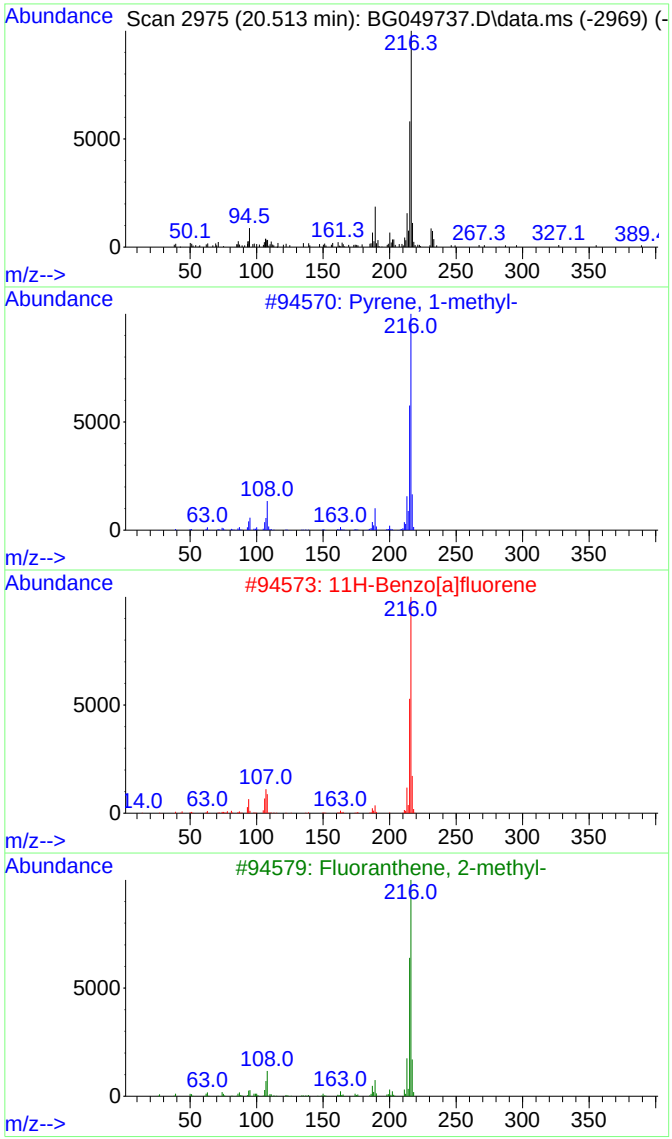
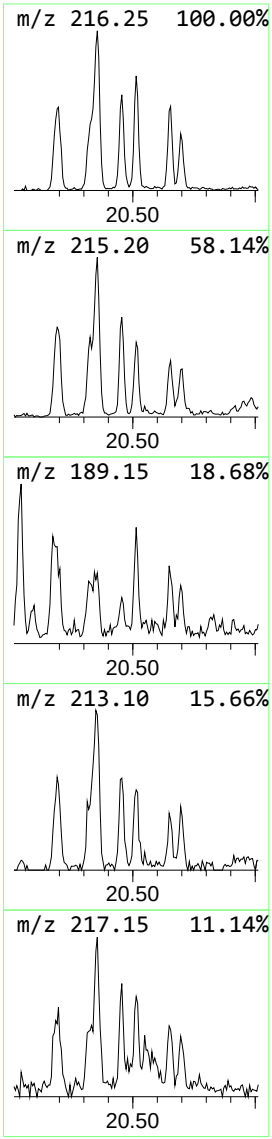
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.513	2.44 ng/ul	126516	Chrysene-d12	21.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

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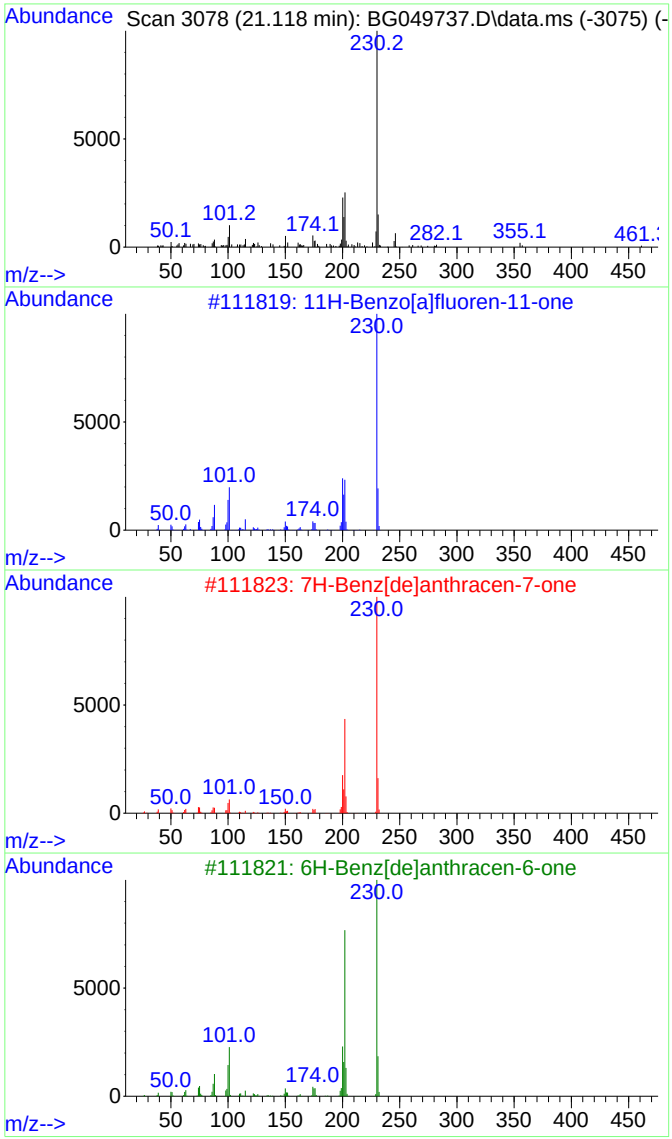
Quant Title : SVOA CALIBRATION

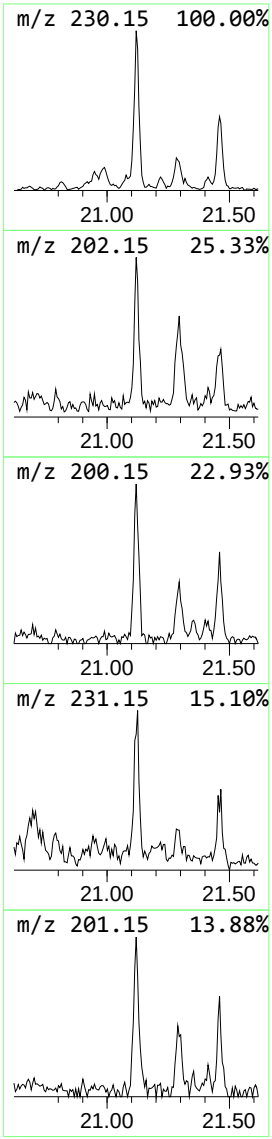
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.118	2.30 ng/ul	119349	Chrysene-d12	21.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	53
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0093

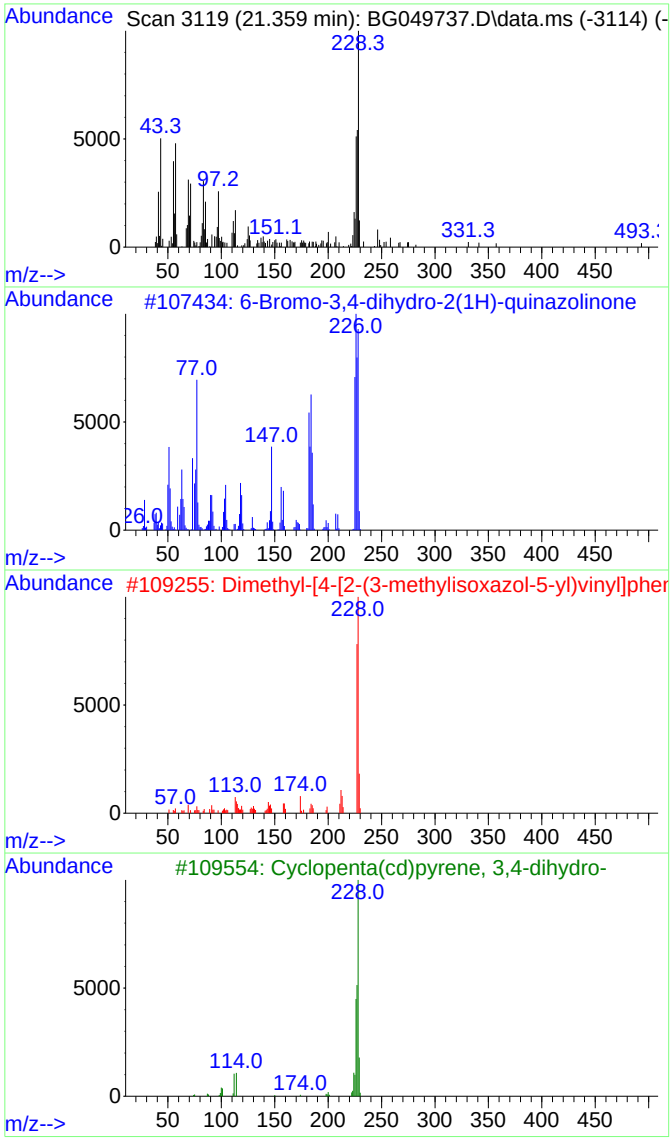
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

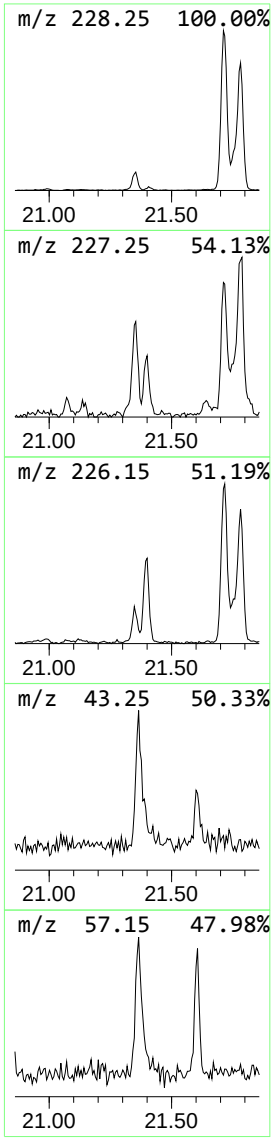
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6-Bromo-3,4-dihydro-2(1H)-q... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.359	2.33 ng/ul	120602	Chrysene-d12	21.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	50
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	46
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049737.D
Acq On : 9 Aug 2021 12:46
Operator : CG/JU
Sample : M3124-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0093

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.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
(DEL) Alkane: C...	3.078	11.3	ng/ul	100731	1	8.048	179008	20.0
Butane, 2-metho...	3.155	52.2	ng/ul	467114	1	8.048	179008	20.0
unknown-01	3.959	5.8	ng/ul	51625	1	8.048	179008	20.0
(DEL) Alkane: S...	4.412	3.7	ng/ul	33498	1	8.048	179008	20.0
Ethanol, 2-(2-b...	10.627	4.5	ng/ul	55559	2	10.868	247431	20.0
Anthracene, 9-m...	18.328	5.0	ng/ul	92423	4	17.447	369559	20.0
1H-Indene, 2-ph...	18.375	5.3	ng/ul	97310	4	17.447	369559	20.0
Naphtho[1,2-b]n...	18.516	6.3	ng/ul	115521	4	17.447	369559	20.0
5H-Dibenzo[a,d]...	18.557	2.2	ng/ul	39882	4	17.447	369559	20.0
5,16[1',2']:8,1...	18.822	4.1	ng/ul	75947	4	17.447	369559	20.0
9H-Fluoren-9-one	18.869	2.6	ng/ul	47374	4	17.447	369559	20.0
3,4-Dimethylphe...	19.239	4.8	ng/ul	88465	4	17.447	369559	20.0
Cyclopenta(def)...	19.380	4.3	ng/ul	80125	4	17.447	369559	20.0
11H-Benzo[a]flu...	20.190	3.7	ng/ul	191585	5	21.735	1037340	20.0
11H-Benzo[b]flu...	20.355	2.9	ng/ul	149633	5	21.735	1037340	20.0
Pyrene, 1-methyl-	20.513	2.4	ng/ul	126516	5	21.735	1037340	20.0
11H-Benzo[a]flu...	21.118	2.3	ng/ul	119349	5	21.735	1037340	20.0
6-Bromo-3,4-dih...	21.359	2.3	ng/ul	120602	5	21.735	1037340	20.0