LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5776

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	29	rVB	9078904	12553988	32.02%	2.544%
2	7.175	688	695	704	rVV	1345068	2343574	5.98%	0.475%
3	7.351	719	725	731	rBV	1094343	1676785	4.28%	0.340%
4	7.551	753	759	767	rVB	1247197	1909196	4.87%	0.387%
5	7.675	773	780	789	rVB3	227991	497263	1.27%	0.101%
6	8.022	832	839	846	rBV	1604920	2656049	6.78%	0.538%
7	8.728	953	959	965	rVV	1424152	2226238	5.68%	0.451%
8	9.187	1031	1037	1044	rVV	1295860	2124295	5.42%	0.430%
9	9.916	1155	1161	1167	rVV	957329	1578698	4.03%	0.320%
10	10.451	1246	1252	1260	rVB	1666095	2791635	7.12%	0.566%
11	10.616	1273	1280	1290	rBV	1820482	2810032	7.17%	0.569%
12	10.839	1308	1318	1323	rBV	2403192	4381645	11.18%	0.888%
13	10.886	1323	1326	1333	rVB	730752	1168732	2.98%	0.237%
14	10.975	1335	1341	1344	rBV	341934	643494	1.64%	0.130%
15	11.863	1487	1492	1498	rBV	258881	427194	1.09%	0.087%
16	12.257	1554	1559	1565	rBV	279693	447436	1.14%	0.091%
17	12.486	1593	1598	1607	rVB	912427	1474931	3.76%	0.299%
18	12.704	1630	1635	1645	rVB	758079	1167004	2.98%	0.236%
19	13.486	1763	1768	1773	rBV2	514668	743700	1.90%	0.151%
20	13.557	1773	1780	1789	rVB2	671588	1170536	2.99%	0.237%
21	13.816	1819	1824	1826	rBV	311862	483920	1.23%	0.098%
22	13.974	1845	1851	1856	rBV	780482	1263936	3.22%	0.256%
23	14.027	1856	1860	1862	rBV	581232	836859	2.13%	0.170%
24	14.063	1862	1866	1870	rVB	3128803	4157898	10.61%	0.843%
25	14.139	1876	1879	1883	rVB	431791	535633	1.37%	0.109%
26	14.210	1883	1891	1894	rBV	516397	843824	2.15%	0.171%
27	14.345	1908	1914	1917	rBV	3897727	6110945	15.59%	1.238%
28	14.551	1945	1949	1956	rBV	389770	524263	1.34%	0.106%
29	14.651	1957	1966	1971	rBV	3750975	5721566	14.60%	1.159%
30	14.827	1991	1996	2008	rVV2	1439079	2383516	6.08%	0.483%
31	15.045	2028	2033	2040	rVB	1099796	1692917	4.32%	0.343%
32	15.121	2041	2046	2050	rVB	508760	725243	1.85%	0.147%
33	15.263	2063	2070	2075	rBV2	561376	1101515	2.81%	0.223%
34	15.316	2075	2079	2083	rVB	392952	507706	1.30%	0.103%
35	15.433	2092	2099	2103	rBV3	612168	1204881	3.07%	0.244%
36	15.498	2107	2110	2117	rVB2	443440	742581	1.89%	0.150%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

37	15.639	2128	2134	2138	rVV	4949361	6763262	17.25%	1.371%
38	15.686	2138	2142	2146	rVV3	813740	1189667	3.03%	0.241%
39	15.745	2148	2152	2157	rVB	1029166	1372055	3.50%	0.278%
40	15.904	2174	2179	2185	rVB3	585915	925405	2.36%	0.188%
41	15.986	2189	2193	2198	rVB	720786	1064866	2.72%	0.216%
42	16.127	2214	2217	2225	rVB2	896931	1816408	4.63%	0.368%
43	16.363	2252	2257	2258	rBV	1137667	1564084	3.99%	0.317%
44	16.498	2276	2280	2284	rBV	346661	575007	1.47%	0.117%
45	16.921	2348	2352	2356	rBV2	1048158	1648432	4.21%	0.334%
46	16.963	2356	2359	2362	rVB	702527	825660	2.11%	0.167%
47	17.039	2368	2372	2379	rVB3	998375	1568830	4.00%	0.318%
48	17.115	2381	2385	2388	rBV	890910	1386654	3.54%	0.281%
49	17.204	2396	2400	2409	rVB3	907422	1636692	4.18%	0.332%
50	17.386	2426	2431	2434	rBV	4380813	6257965	15.96%	1.268%
51	17.433	2434	2439	2443	rVV	10286673	14827851	37.82%	3.005%
52	17.486	2443	2448	2451	rVV	5574417	8291365	21.15%	1.680%
53	17.521	2451	2454	2458	rVV	4095747	5261670	13.42%	1.066%
54	17.568	2458	2462	2468	rVB3	811623	1368802	3.49%	0.277%
55	17.786	2496	2499	2502	rBV	710115	753673	1.92%	0.153%
56	17.968	2527	2530	2538	rVB4	563298	943153	2.41%	0.191%
57	18.227	2570	2574	2576	rBV4	1011687	1393644	3.56%	0.282%
58	18.262	2576	2580	2582	rVV	2830408	4044276	10.32%	0.820%
59	18.309	2582	2588	2593	rVB2	4561491	9656795	24.63%	1.957%
60	18.392	2598	2602	2607	rVV	2259487	3170625	8.09%	0.642%
61	18.451	2607	2612	2617	rVV2	4009238	8204321	20.93%	1.663%
62	18.492	2617	2619	2625	rVB	2674435	3040226	7.76%	0.616%
63	18.580	2631	2634	2637	rVB2	655327	666426	1.70%	0.135%
64	18.757	2660	2664	2668	rBV	2007360	2702693	6.89%	0.548%
65	18.798	2668	2671	2676	rVB	2076261	2546111	6.49%	0.516%
66	19.004	2703	2706	2711	rBV2	1002510	1348389	3.44%	0.273%
67	19.051	2712	2714	2717	rVV	1219161	1320357	3.37%	0.268%
68	19.092	2718	2721	2725	rVB	1402123	1708034	4.36%	0.346%
69	19.174	2730	2735	2739	rBV	3319913	5565778	14.20%	1.128%
70	19.315	2755	2759	2765	rBV	3331768	4971972	12.68%	1.008%
71	19.445	2775	2781	2787	rVB	25916886	39201657	100.00%	7.944%
72	19.539	2794	2797	2801	rVV4	919226	1564430	3.99%	0.317%
73	19.586	2801	2805	2808	rVB	2254284	2788287	7.11%	0.565%
74	19.768	2831	2836	2838	rBV2	11459687	16146839	41.19%	3.272%
75	19.804	2838	2842	2849	rVV	23520757	36603873	93.37%	7.417%
76	19.868	2849	2853	2860	rVB2	2986448	5047504	12.88%	1.023%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

77	19.974	2867	2871	2877	rVB	2516202	3789005	9.67%	0.768%
78	20.115	2890	2895	2896	rBV	3525842	4888837	12.47%	0.991%
79	20.251	2914	2918	2921	rBV3	2890095	5236411	13.36%	1.061%
80	20.286	2922	2924	2933	rVB2	4734690	6522901	16.64%	1.322%
81	20.386	2938	2941	2945	rVV	2302625	3038101	7.75%	0.616%
82	20.445	2945	2951	2956	rVB2	4611850	8546585	21.80%	1.732%
83	20.527	2962	2965	2970	rBV2	1430867	1992548	5.08%	0.404%
84	20.586	2972	2975	2978	rVV	2644426	3176183	8.10%	0.644%
85	20.633	2980	2983	2987	rVB	2641291	3291735	8.40%	0.667%
86	21.033	3047	3051	3057	rVB	5631389	7455420	19.02%	1.511%
87	21.198	3073	3079	3082	rBV2	3133739	6440831	16.43%	1.305%
88	21.239	3083	3086	3089	rVV	4029001	5754880	14.68%	1.166%
89	21.274	3089	3092	3097	rVV3	4082772	7412344	18.91%	1.502%
90	21.333	3098	3102	3108	rVB2	4239425	6250955	15.95%	1.267%
91	21.545	3133	3138	3143	rBV3	18896897	33628893	85.78%	6.815%
92	21.598	3144	3147	3156	rVB	15100533	21703154	55.36%	4.398%
93	21.721	3164	3168	3173	rBV3	2270638	4061486	10.36%	0.823%
94	21.886	3192	3196	3201	rBV3	1992187	3244376	8.28%	0.657%
95	22.145	3237	3240	3244	rVB	4037767	5015399	12.79%	1.016%
96	22.197	3245	3249	3255	rVB3	4430117	7116701	18.15%	1.442%
97	23.268	3424	3431	3435	rBV2	12545839	29133864	74.32%	5.904%
98	23.450	3458	3462	3469	rVB	2756682	4700110	11.99%	0.952%
99	23.797	3516	3521	3526	rVB	4585106	7912794	20.18%	1.603%
100	23.903	3534	3539	3547	rVB	9200445	17809451	45.43%	3.609%

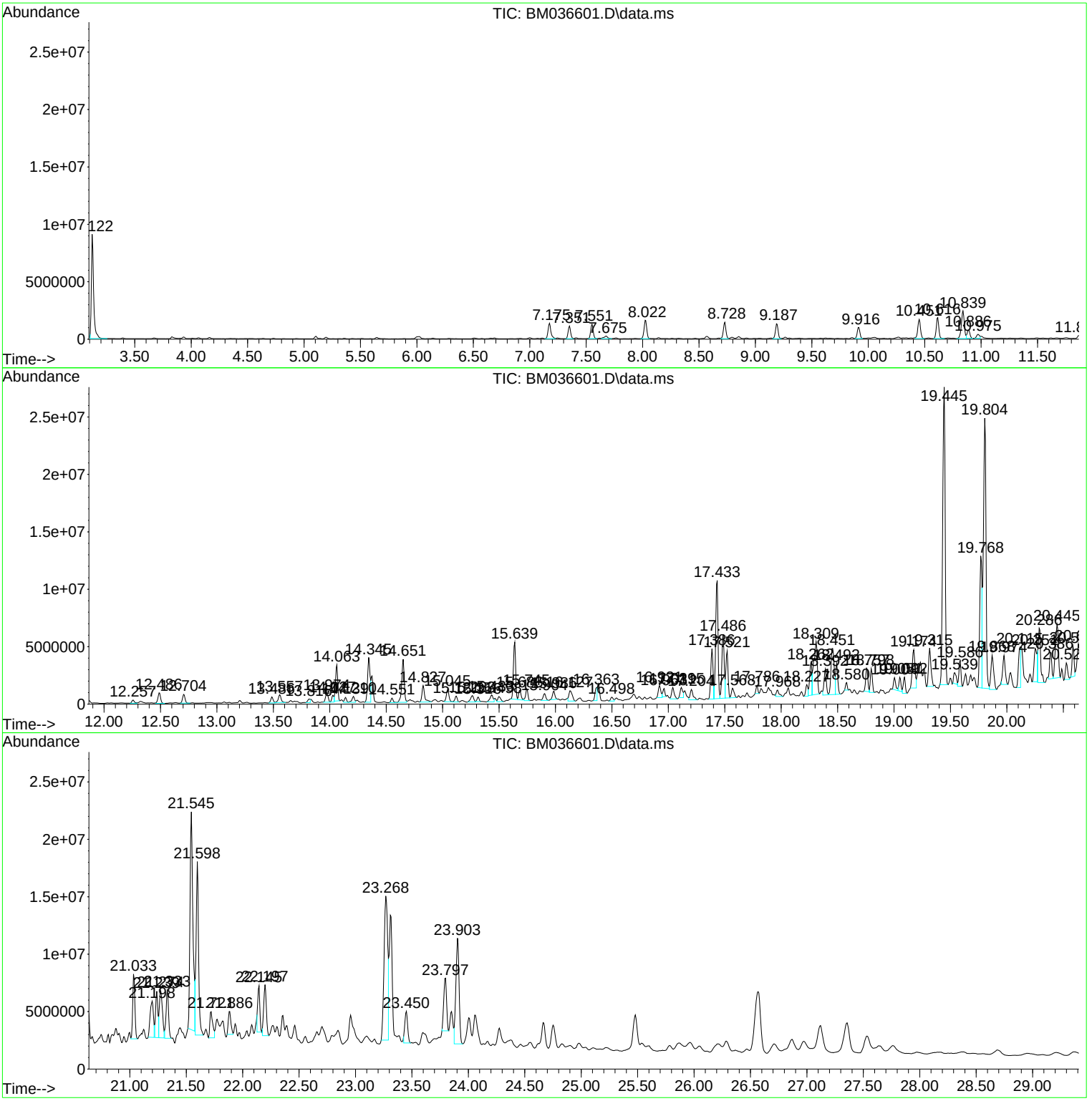
Sum of corrected areas: 493486330

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

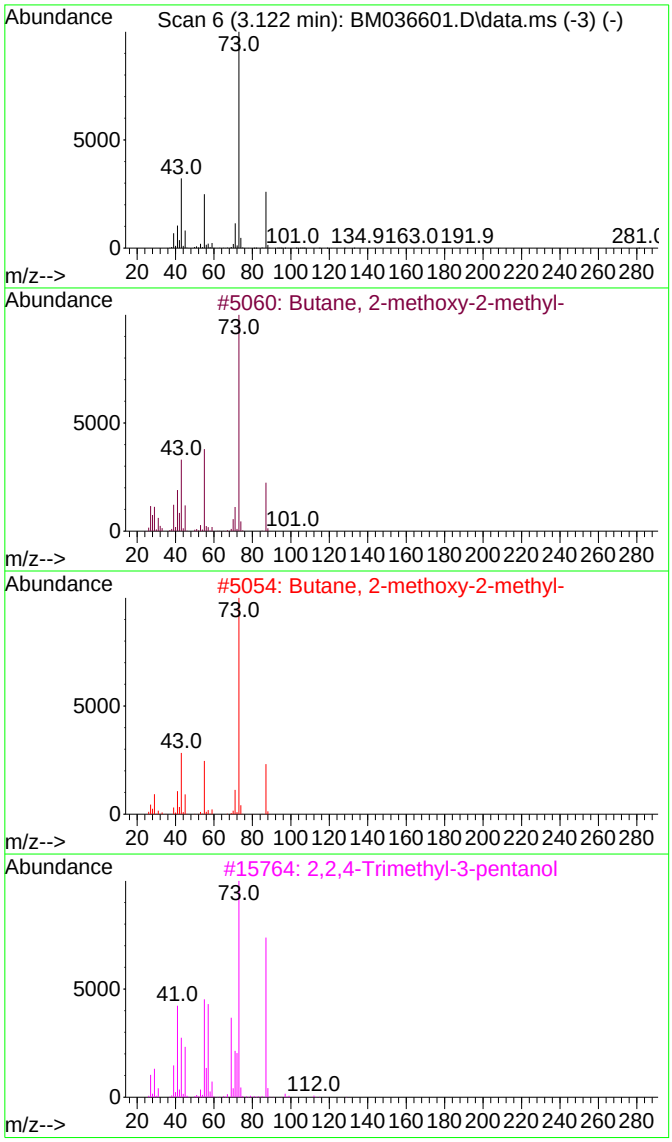
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

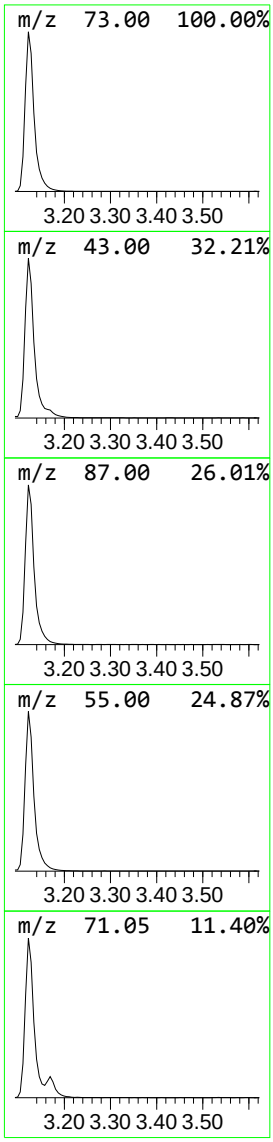
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	94.53 ng/ul	12554000	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

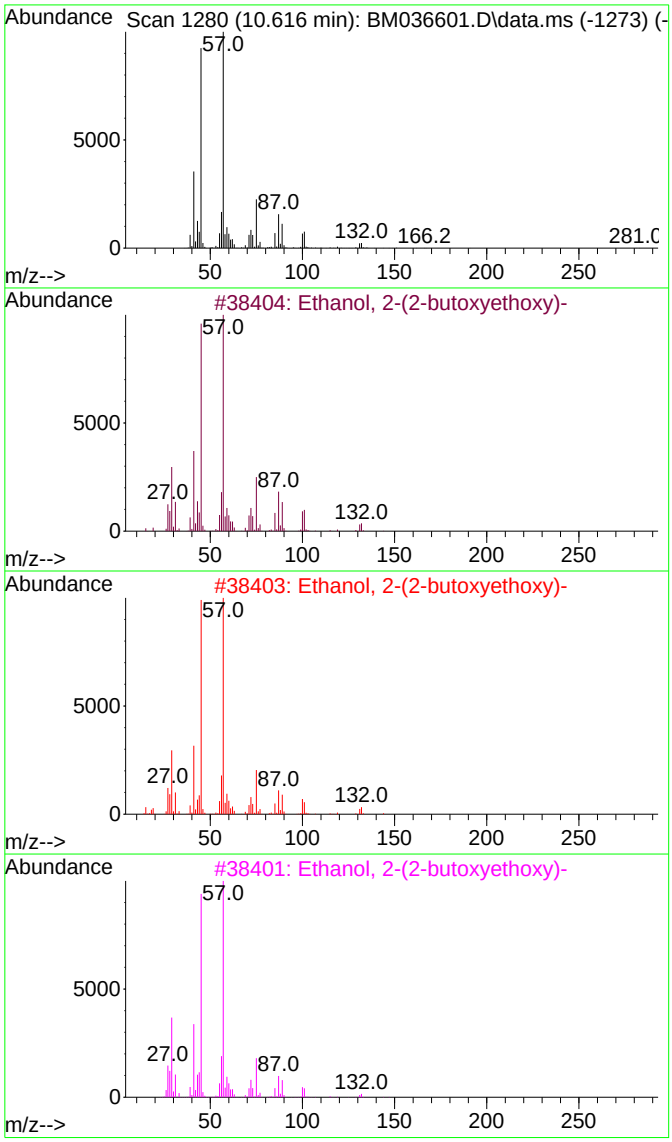
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

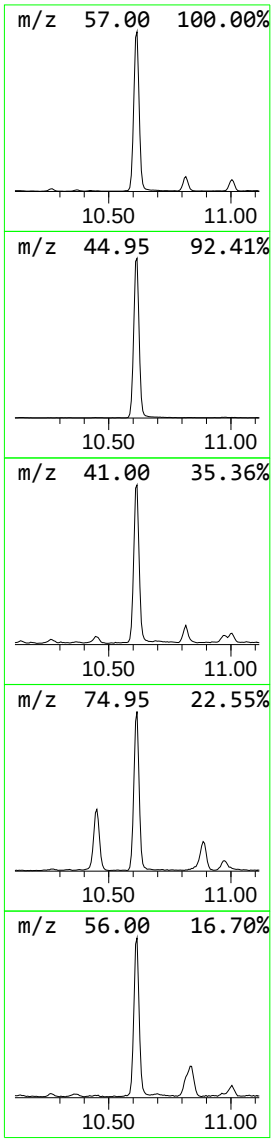
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	12.83 ng/ul	2810030	Naphthalene-d8	10.839

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	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

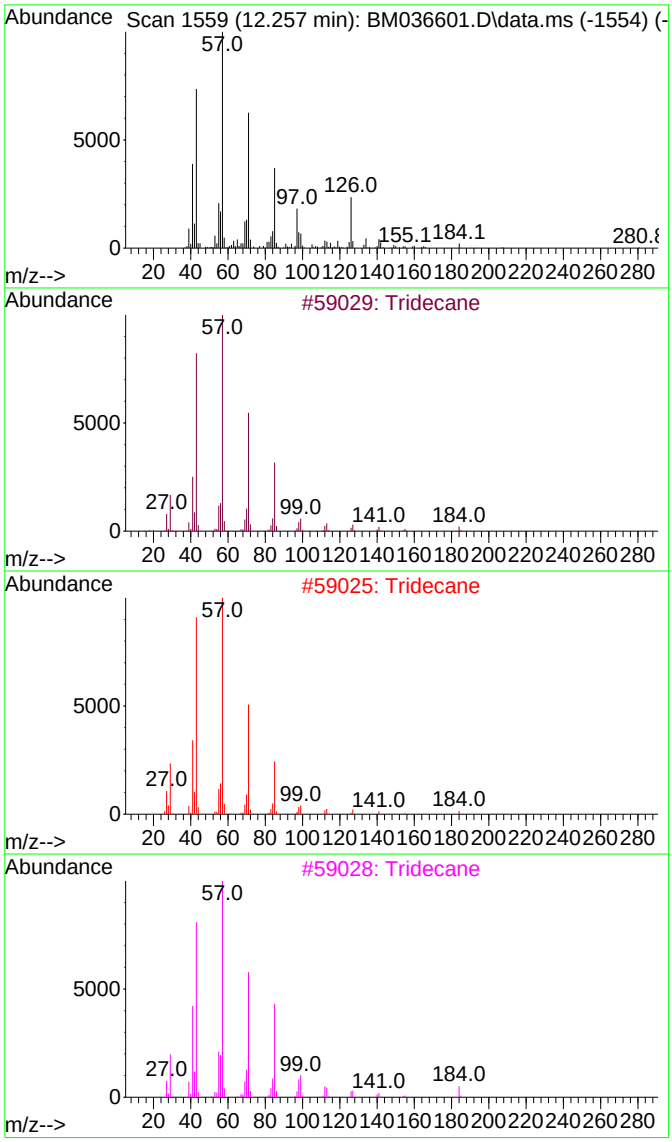
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

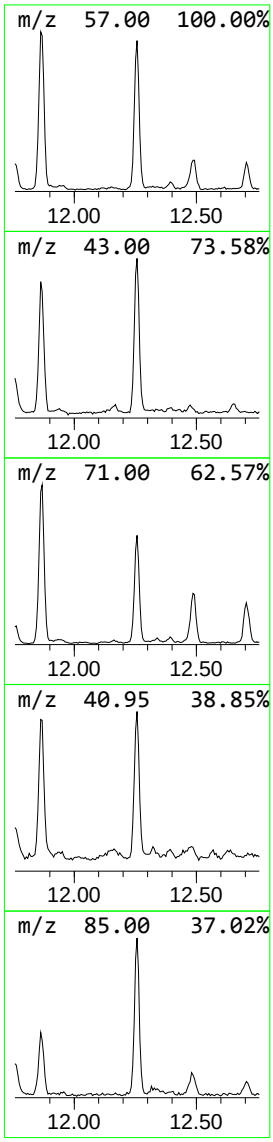
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	2.04 ng/ul	447436	Naphthalene-d8	10.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tridecane	184	C13H28	000629-50-5	70
3	Tridecane	184	C13H28	000629-50-5	64
4	Hexadecane	226	C16H34	000544-76-3	52
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

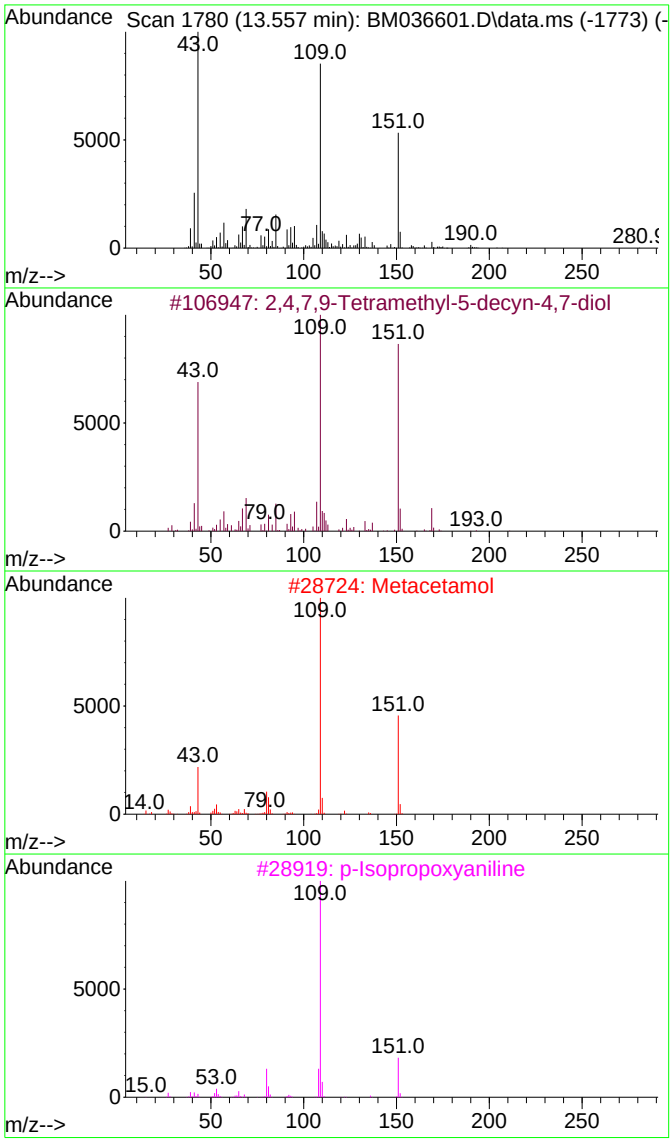
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

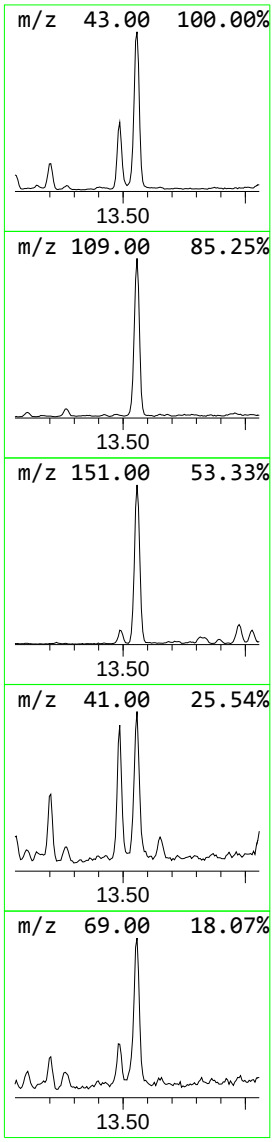
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	4.09 ng/ul	1170540	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	58
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Acetaminophen	151	C8H9NO2	000103-90-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

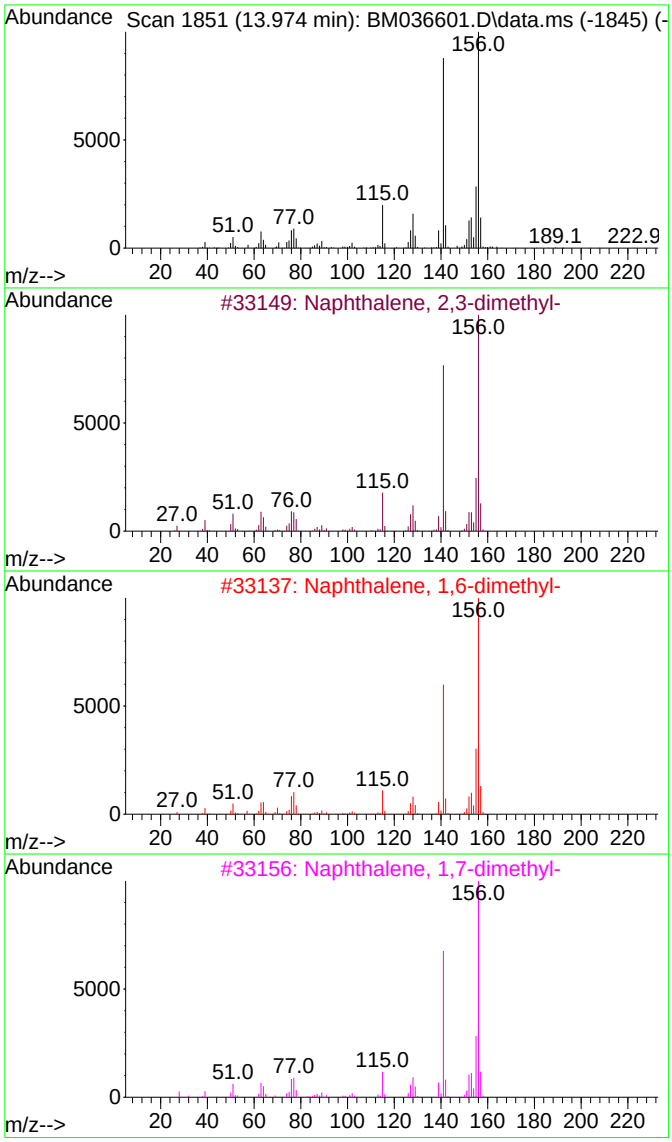
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

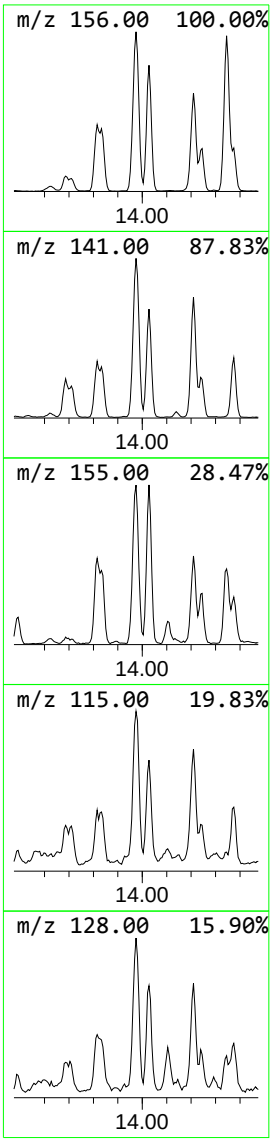
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	4.42 ng/ul	1263940	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

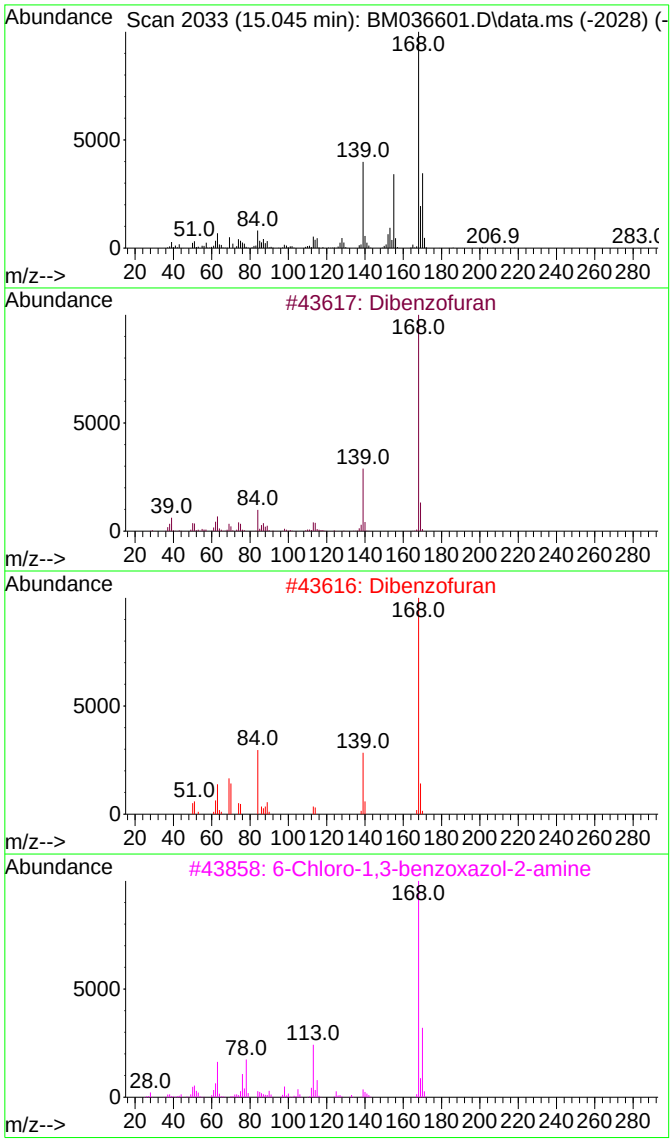
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

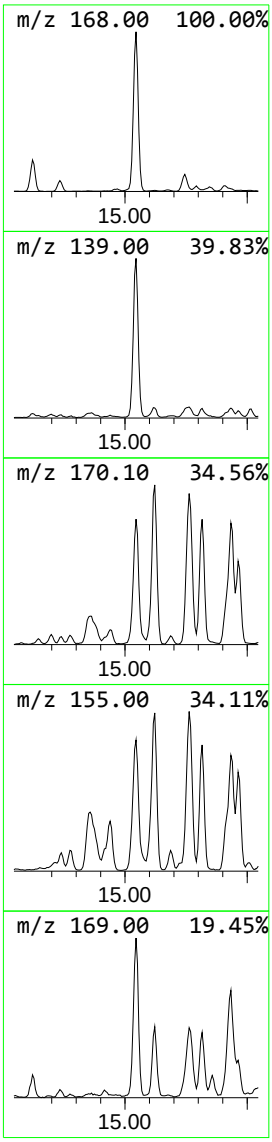
****

Peak Number 9 Dibenzo furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.045	5.92 ng/ul	1692920	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	64
2	Dibenzofuran	168	C12H8O	000132-64-9	53
3	6-Chloro-1,3-benzoxazol-2-amine	168	C7H5ClN2O	052112-68-2	43
4	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

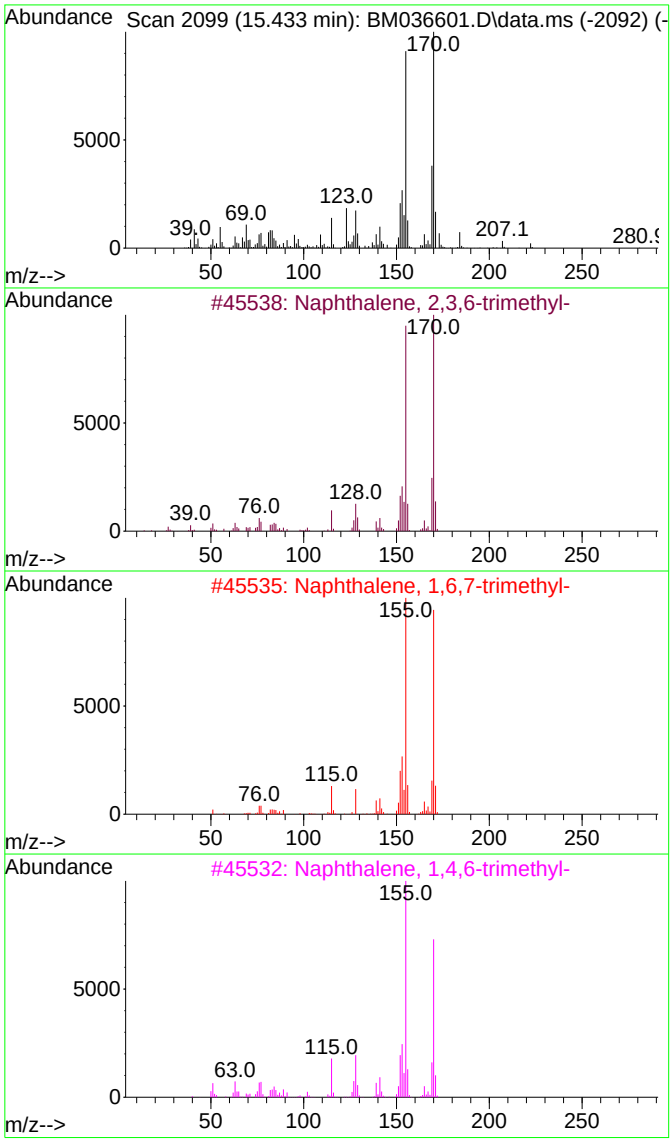
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

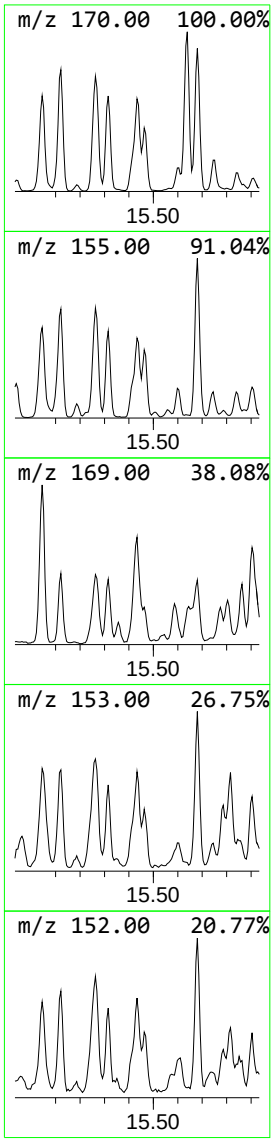
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	4.21 ng/ul	1204880	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

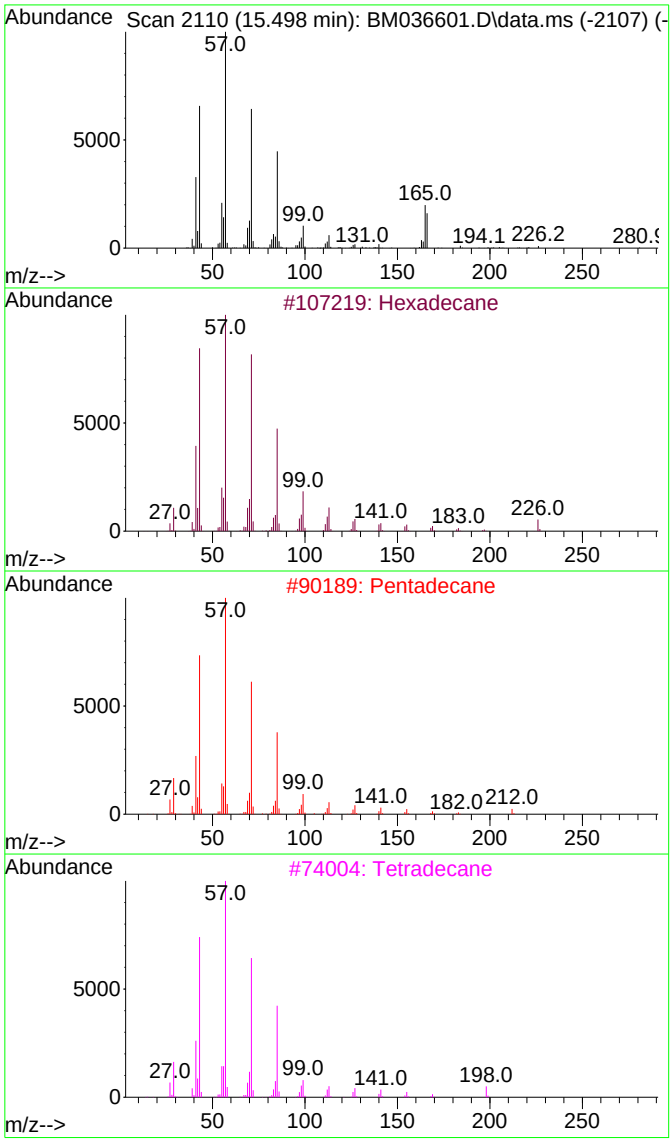
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

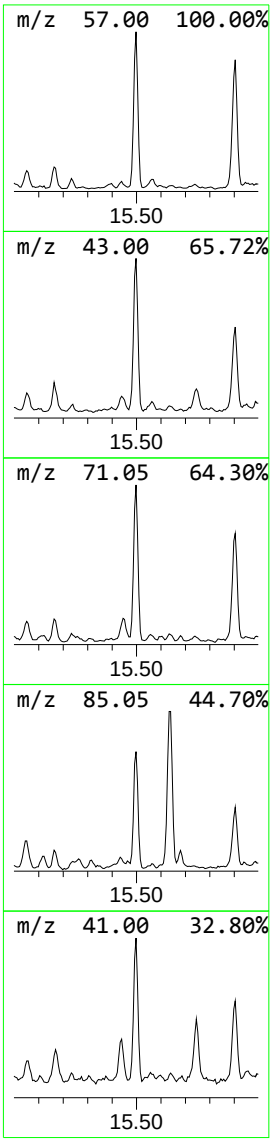
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.498	2.60 ng/ul	742581	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

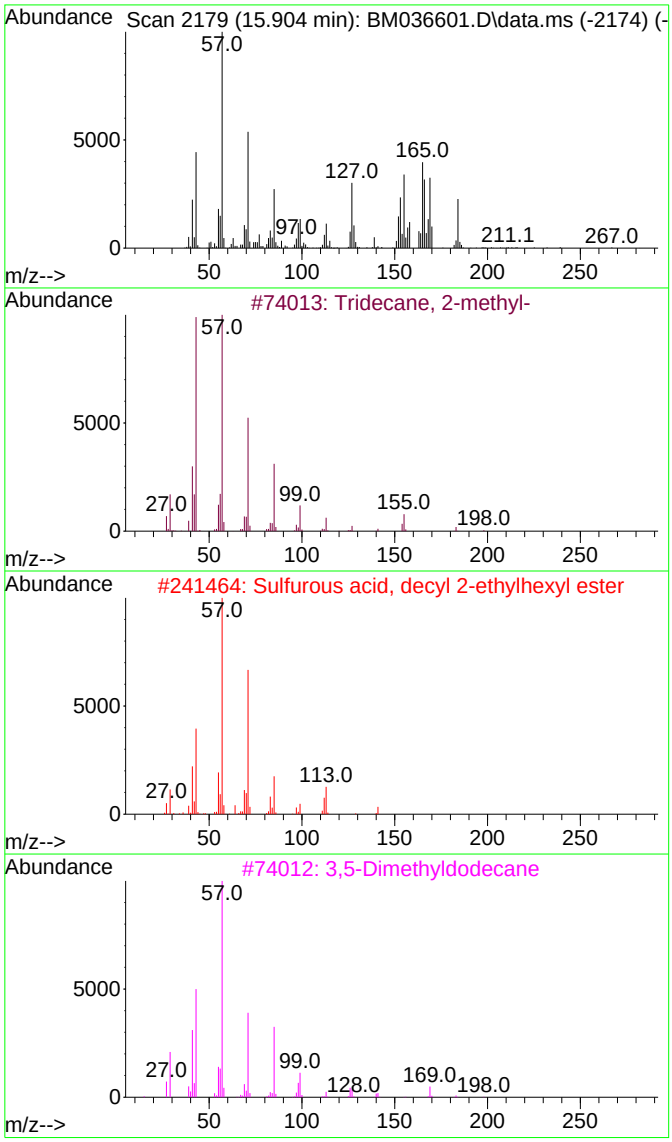
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

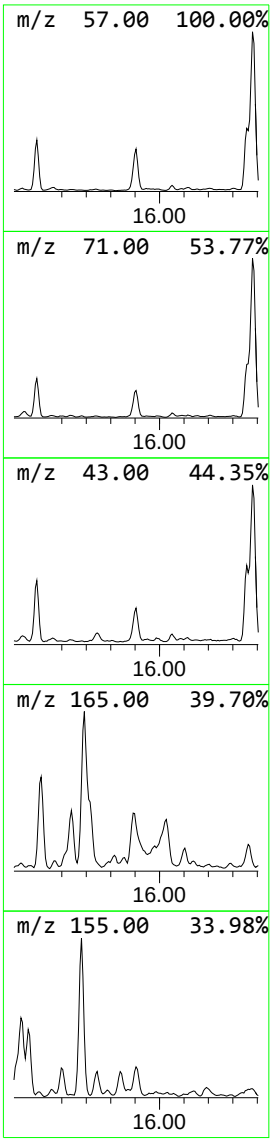
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	3.23 ng/ul	925405	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	20
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	15
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	15
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	15
5	Octadecane	254	C18H38	000593-45-3	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

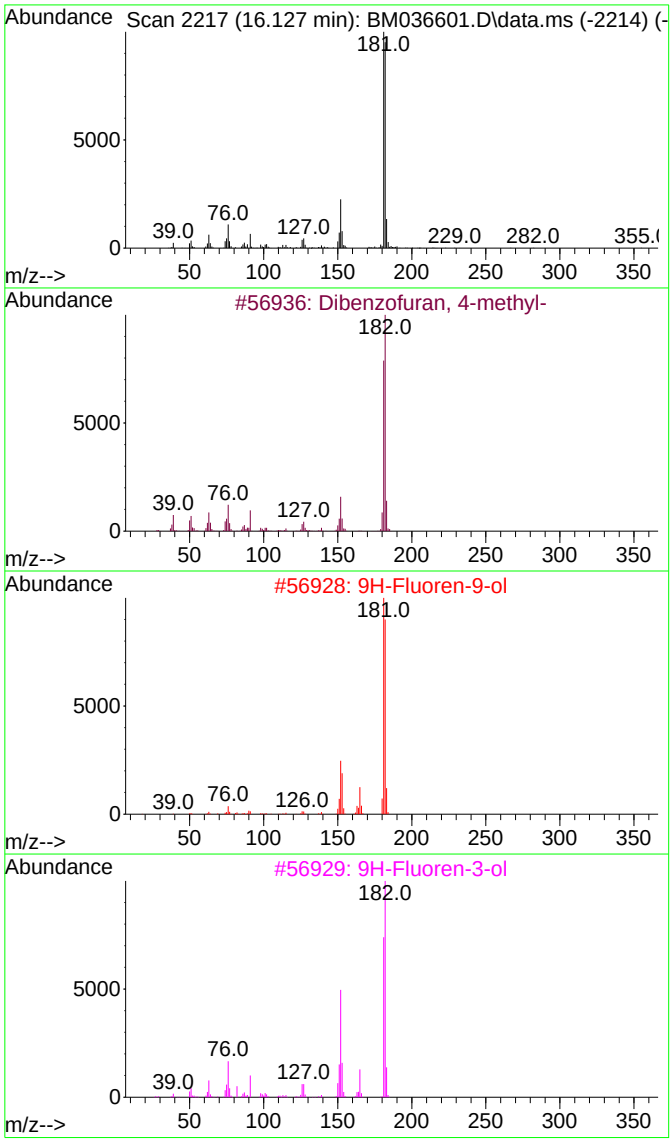
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

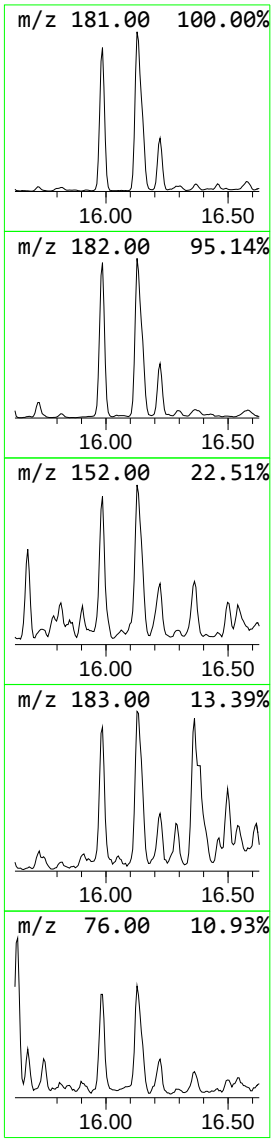
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	5.81 ng/ul	1816410	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

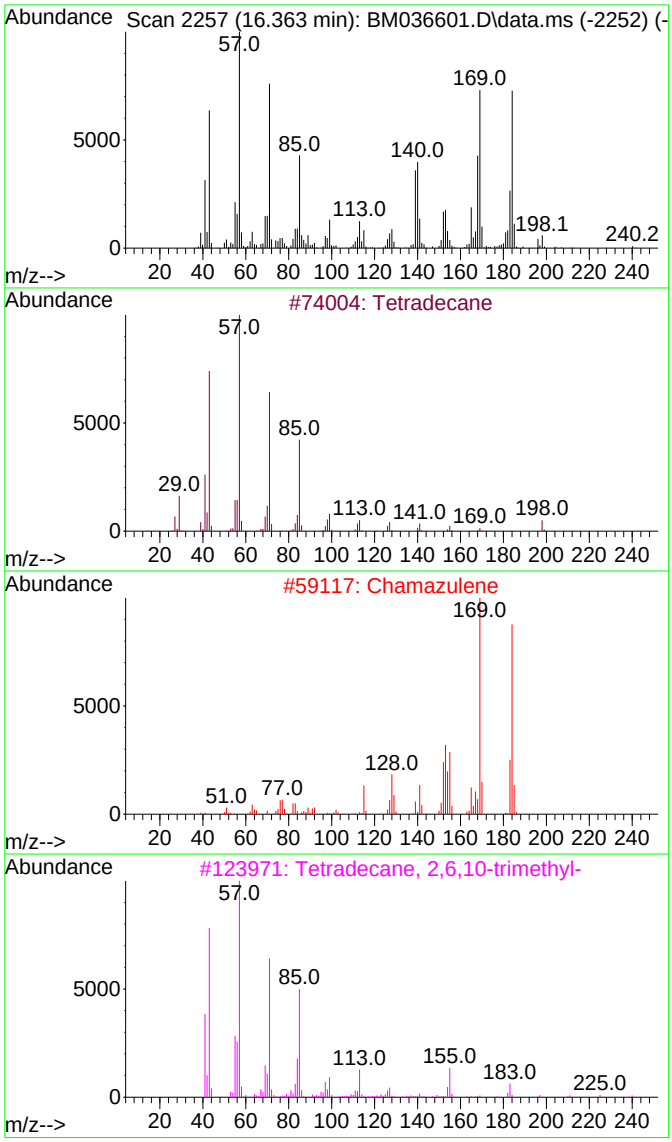
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

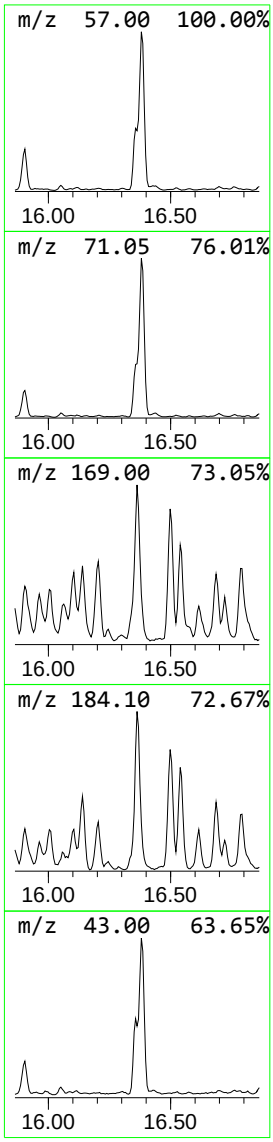
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.363	5.00 ng/ul	1564080	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Chamazulene	184	C14H16	000529-05-5	52
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
4	Dodecane	170	C12H26	000112-40-3	47
5	Dodecane	170	C12H26	000112-40-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

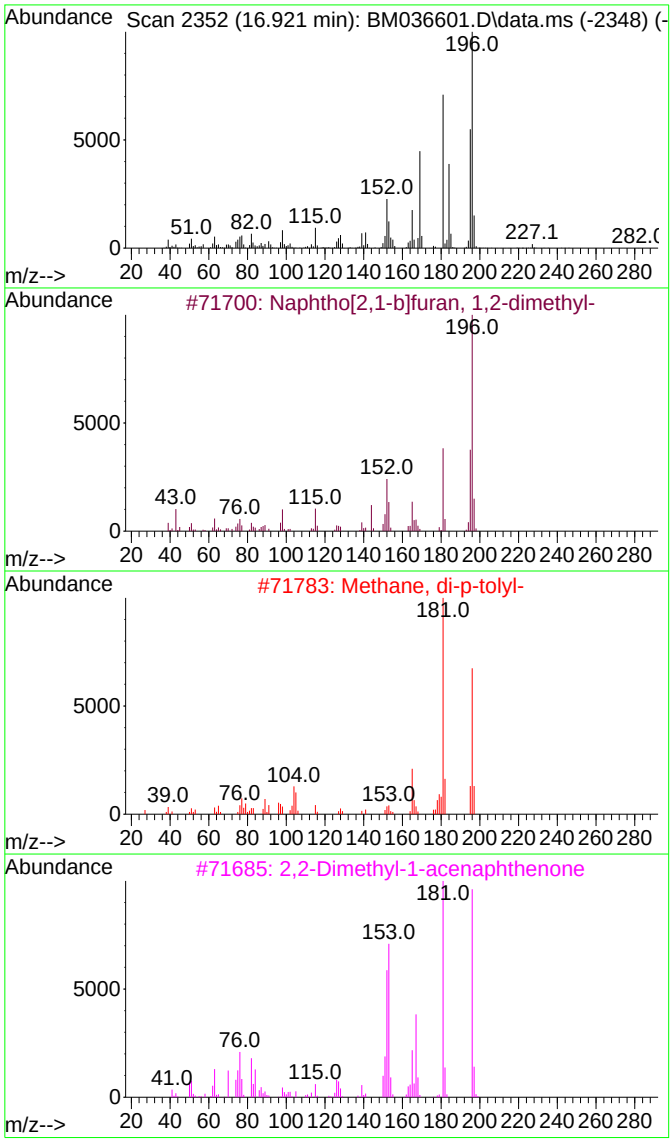
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

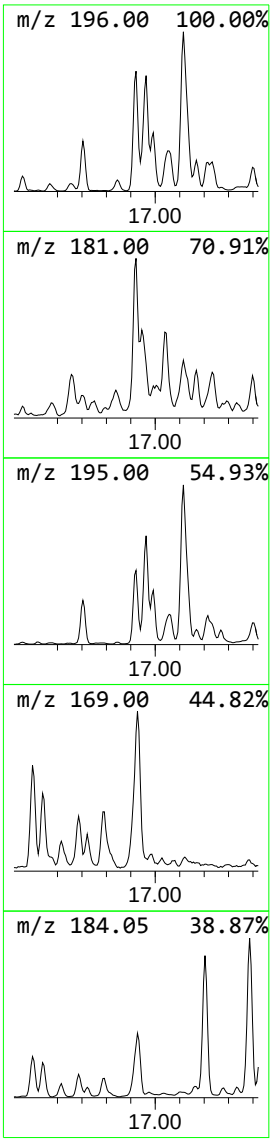
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.921	5.27 ng/ul	1648430	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	70
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	43
3	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	43
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	38
5	2-(4-Pyridyl)(1,2,4)triazolo(1,5...	196	C11H8N4	007211-81-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

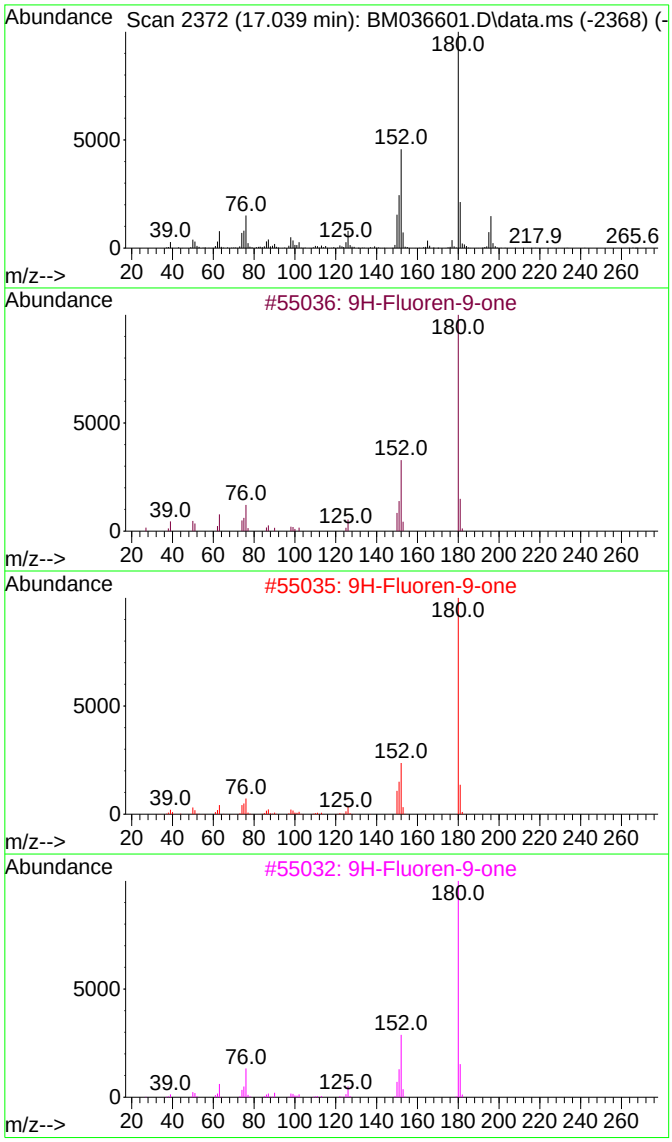
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

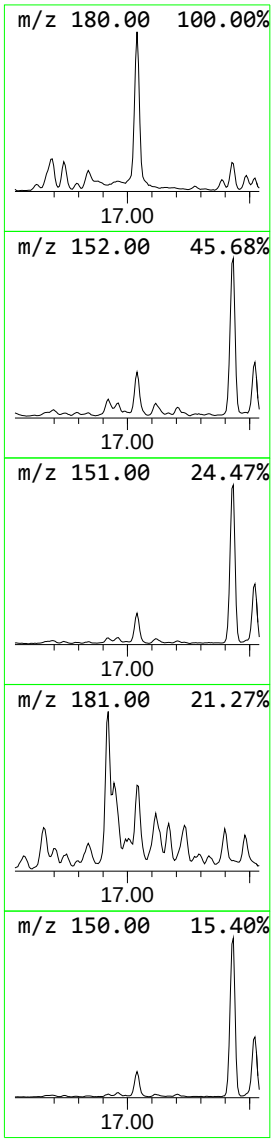
****

Peak Number 20 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	5.01 ng/ul	1568830	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

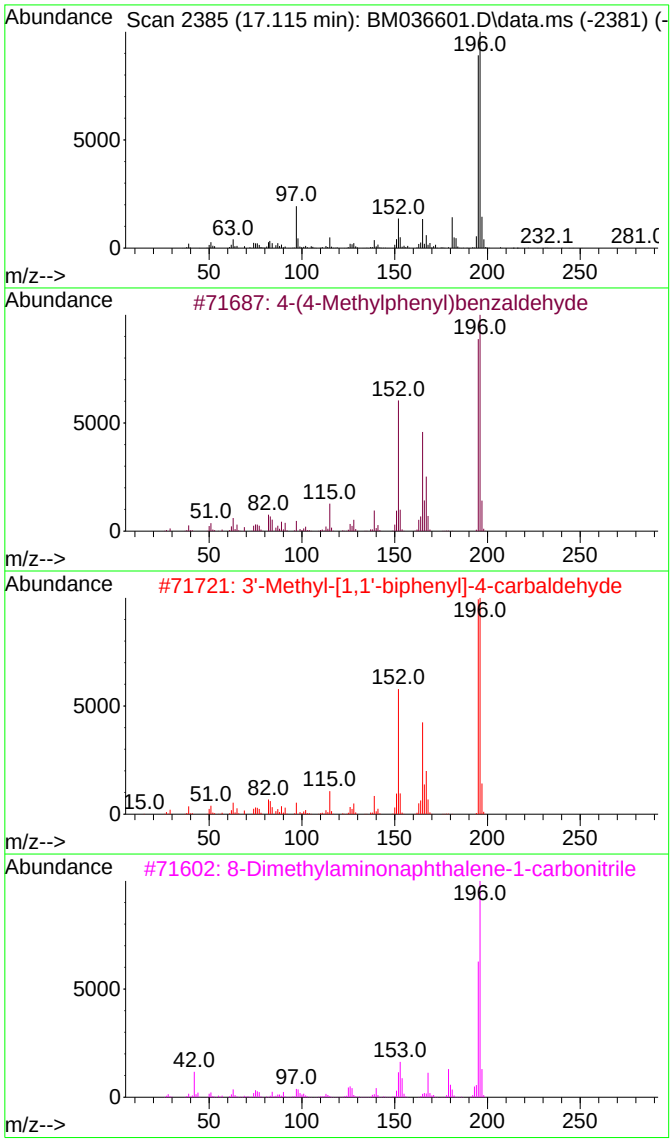
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

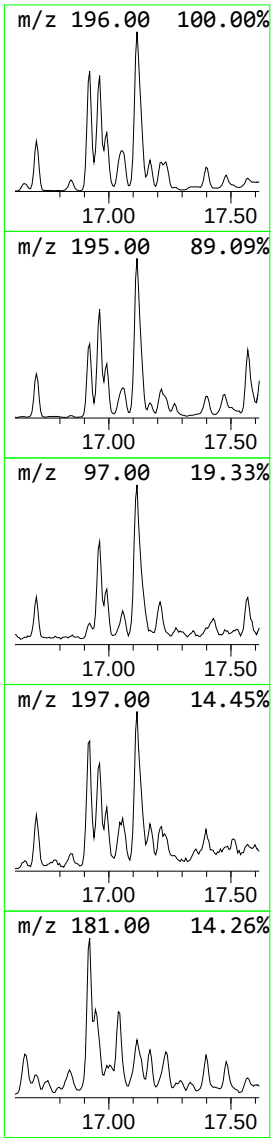
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 4-(4-Methylphenyl)benzaldehyde Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.115	4.43 ng/ul	1386650	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	64
4	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	49
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

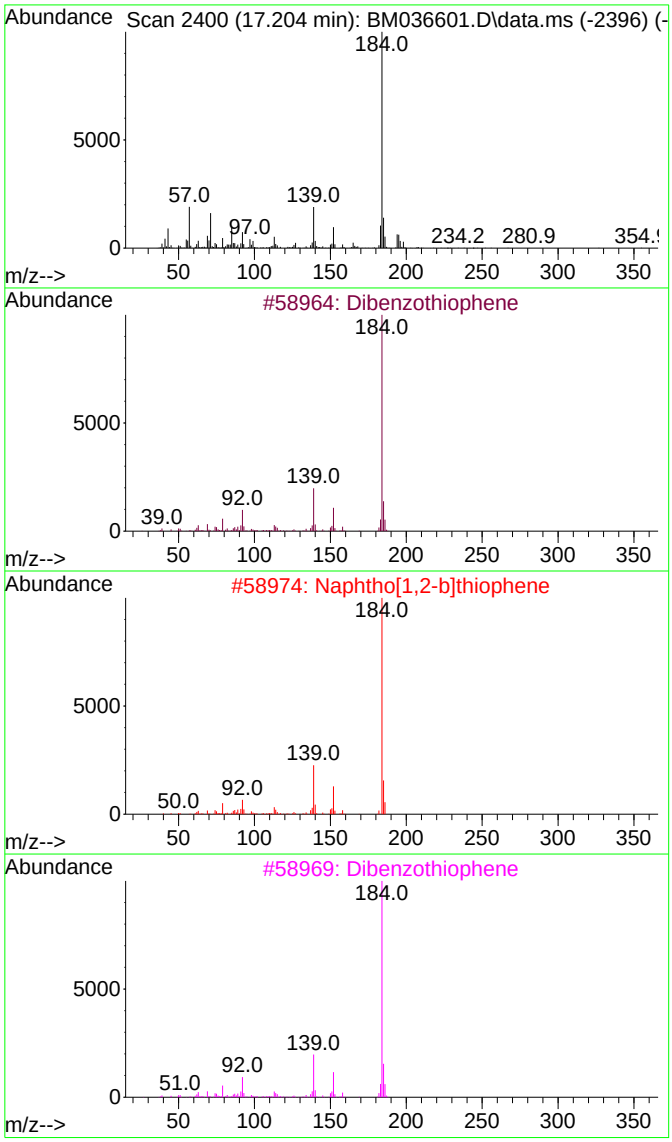
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

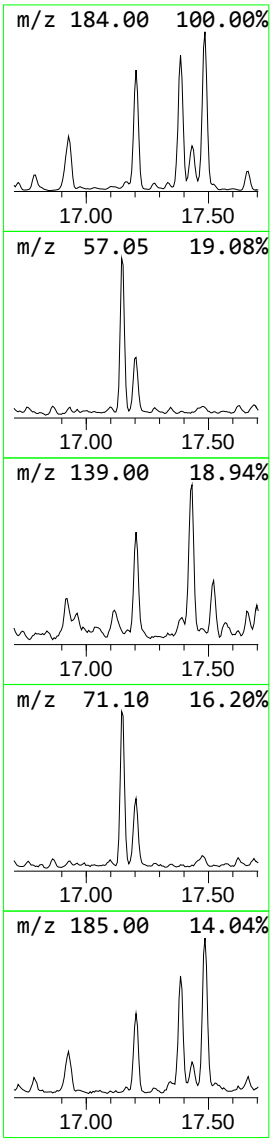
****

Peak Number 22 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.204	5.23 ng/ul	1636690	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

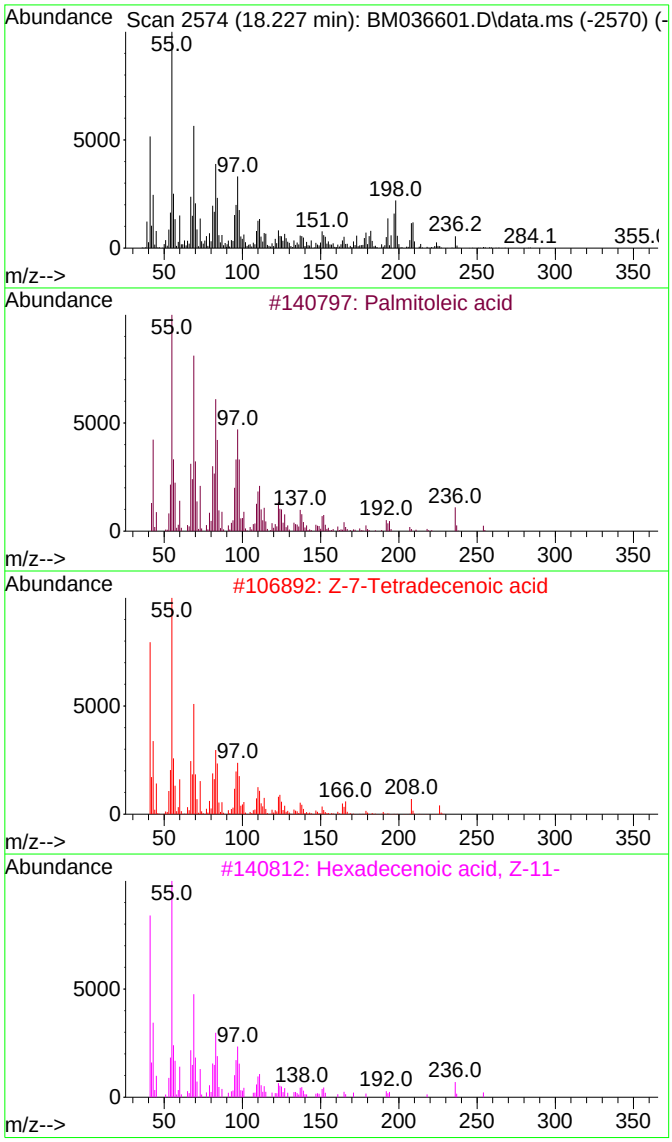
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

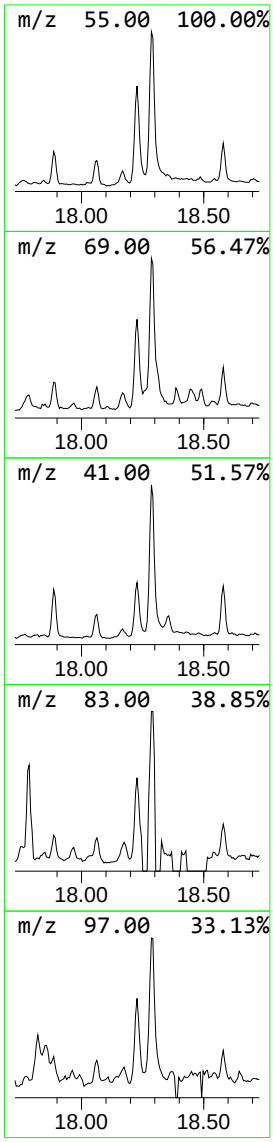
****

Peak Number 25 Palmitoleic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	4.45 ng/ul	1393640	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	60
2	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	58
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53
4	E-9-Tetradecenoic acid	226	C14H26O2	050286-30-1	43
5	2-Tridecene, (Z)-	182	C13H26	041446-59-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

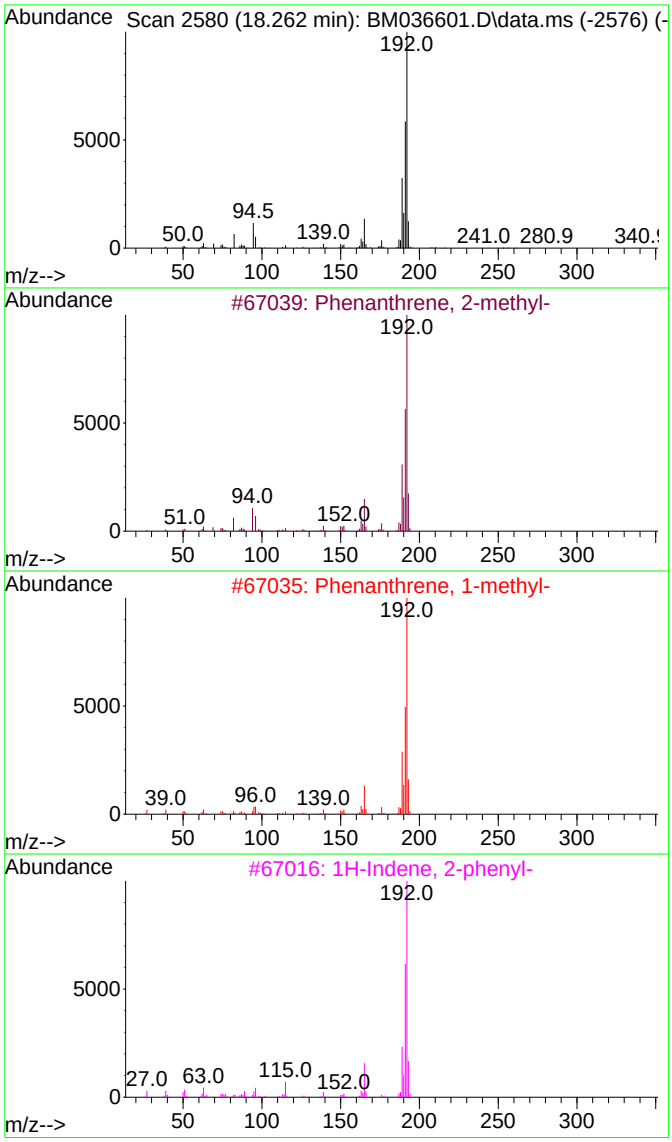
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

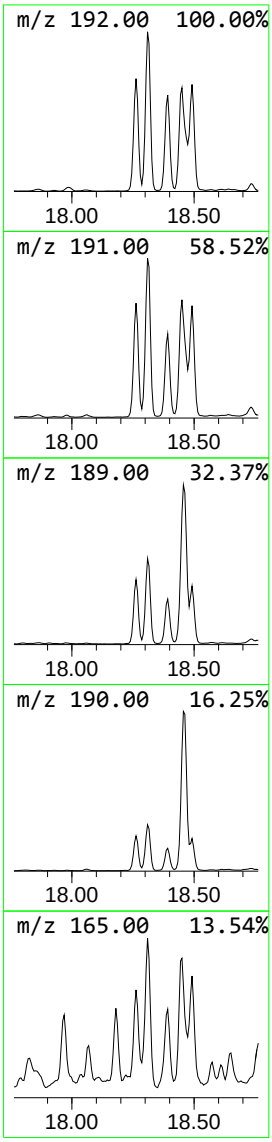
****

Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	12.93 ng/ul	4044280	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

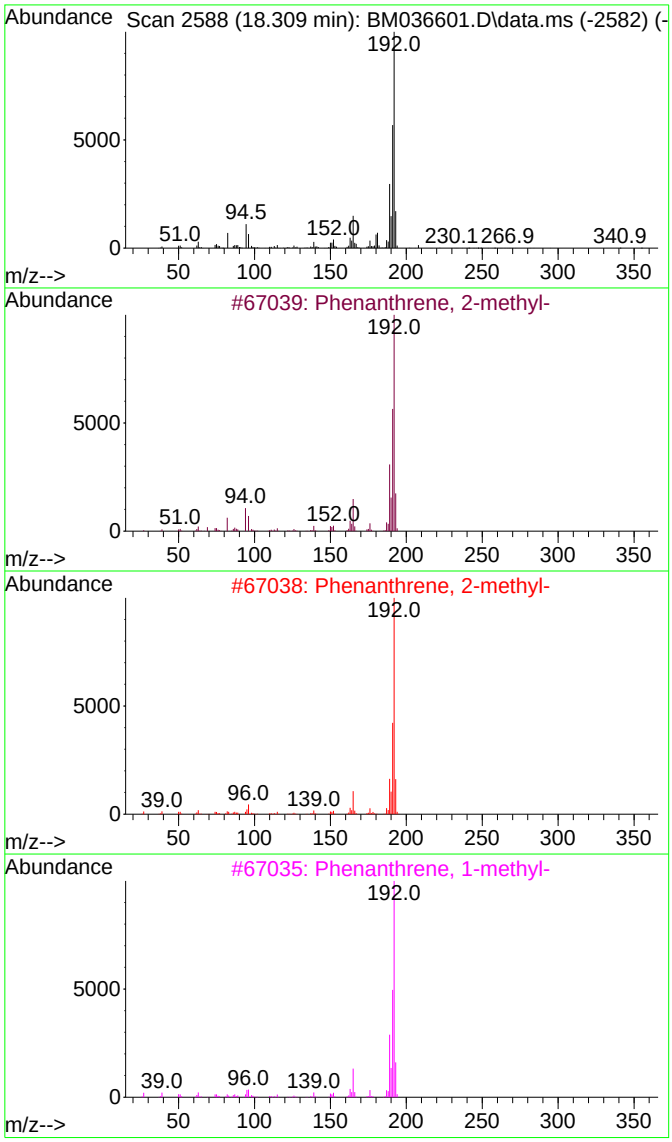
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

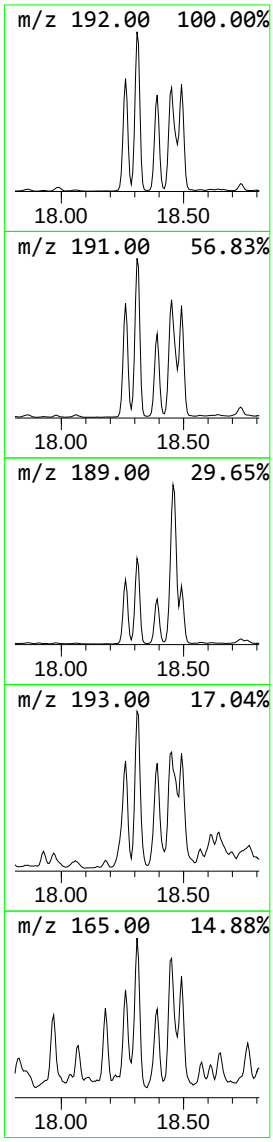
****

Peak Number 27 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	30.86 ng/ul	9656800	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

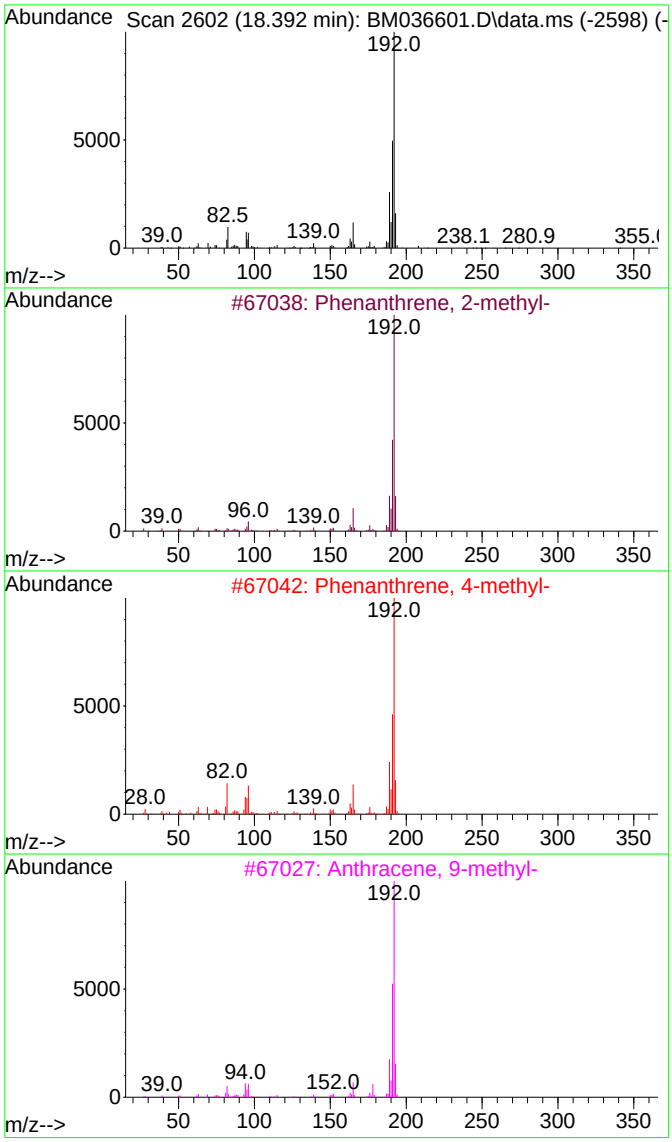
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

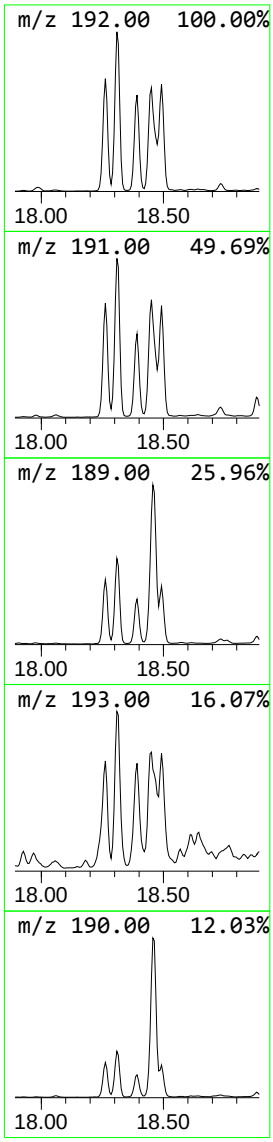
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	10.13 ng/ul	3170630	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

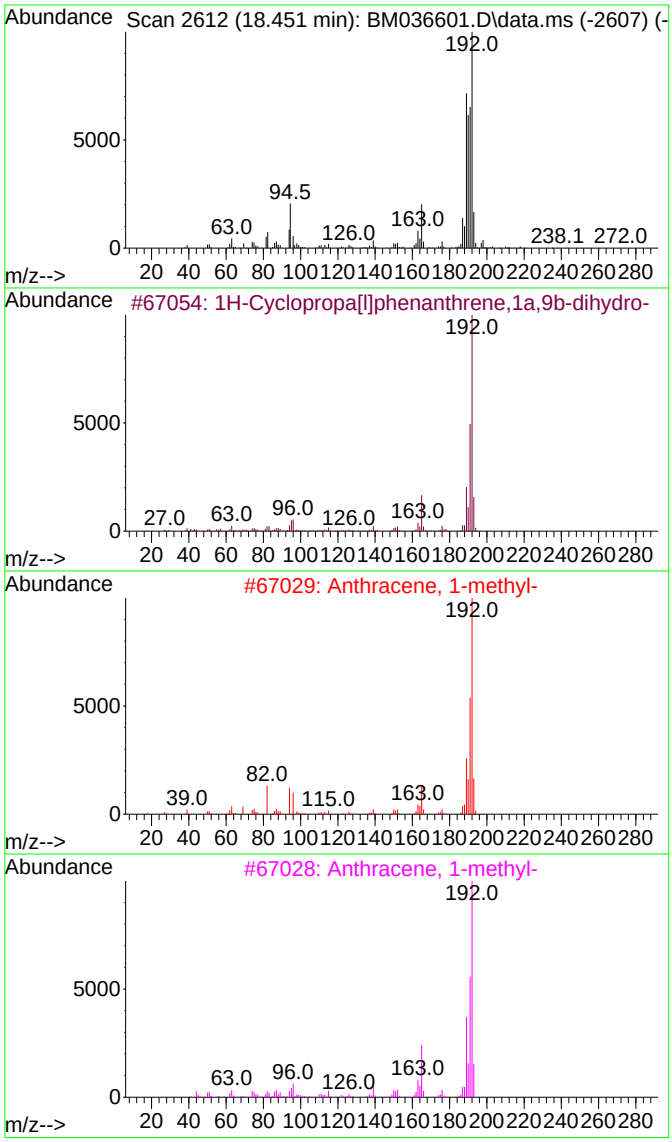
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

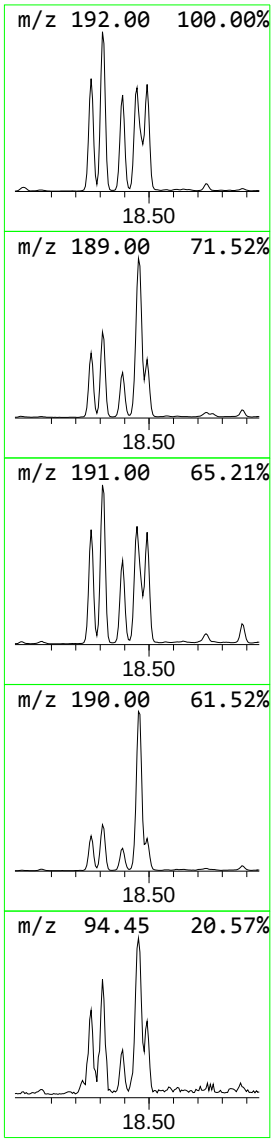
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	26.22 ng/ul	8204320	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

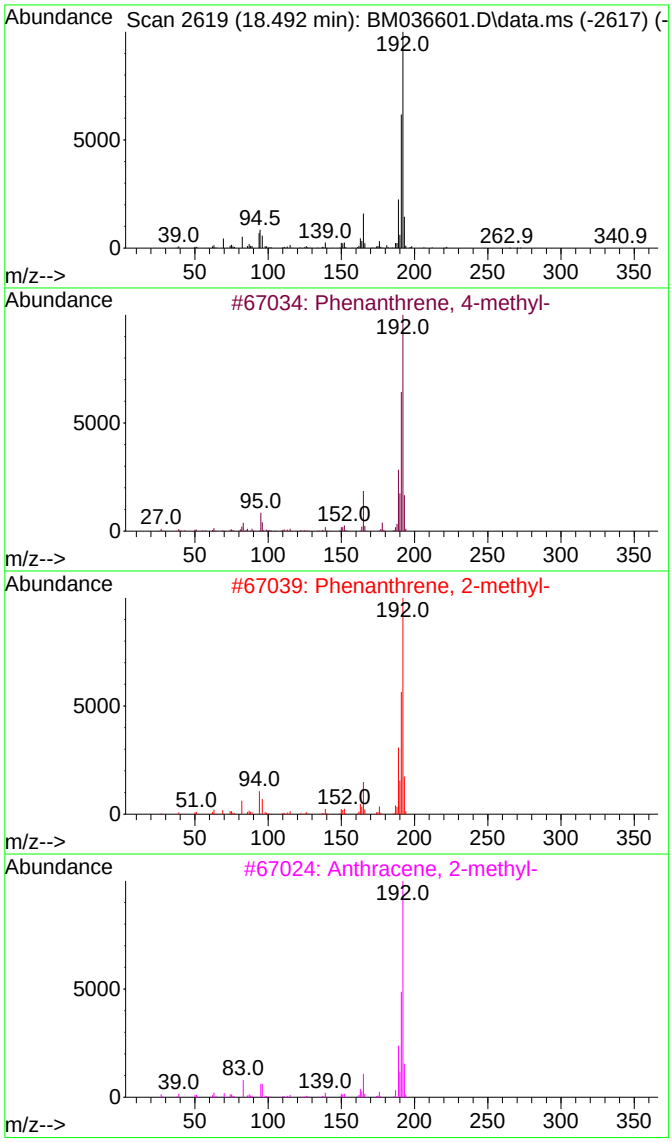
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

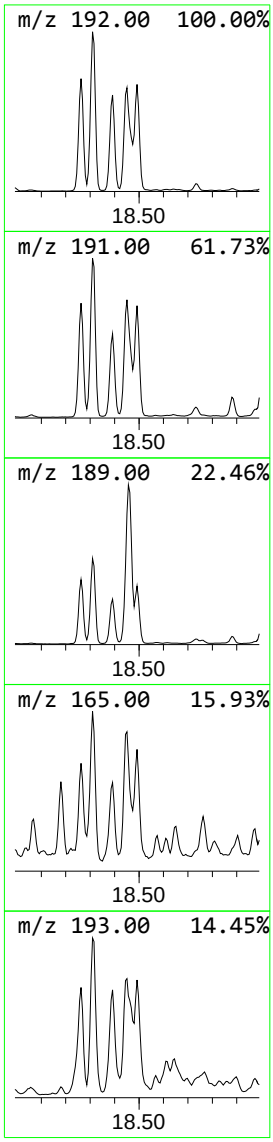
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	9.72 ng/ul	3040230	Phenanthrene-d10	17.386

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	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

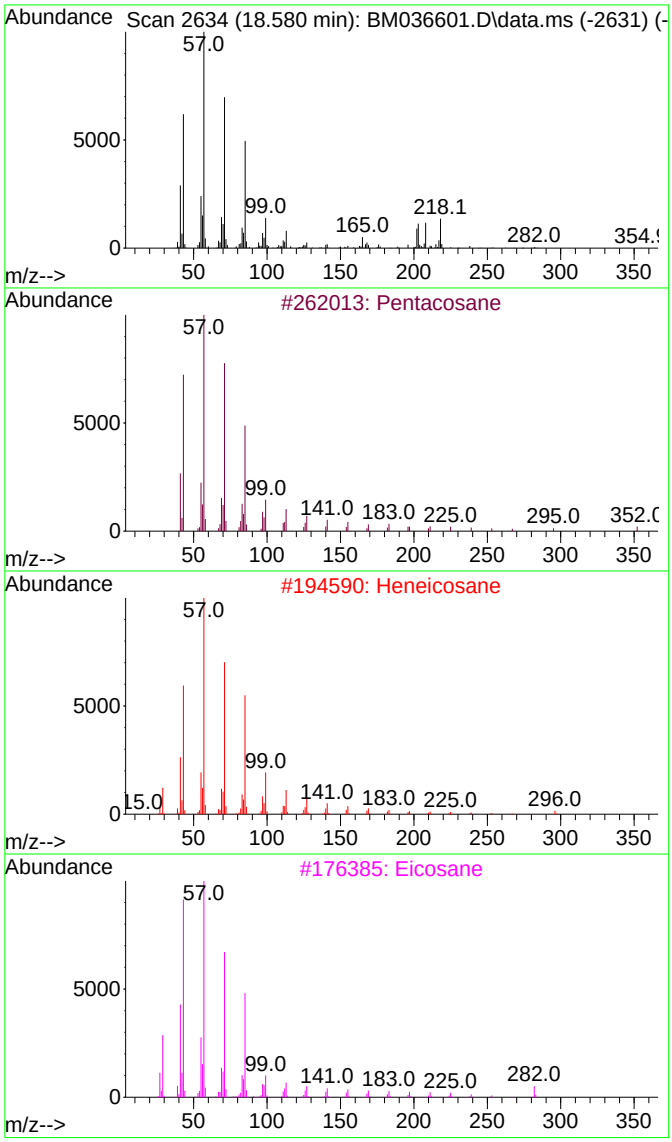
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

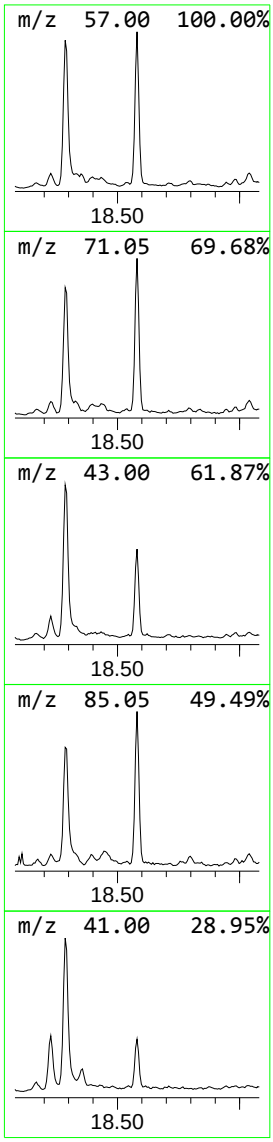
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	2.13 ng/ul	666426	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	62
2	Heneicosane	296	C21H44	000629-94-7	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

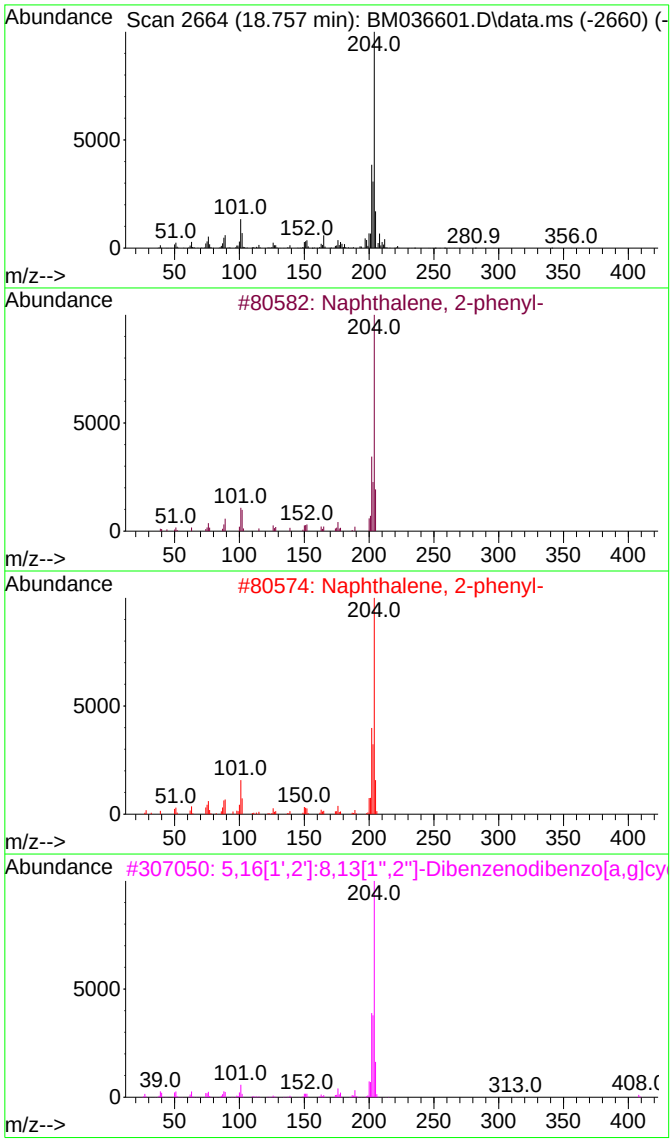
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

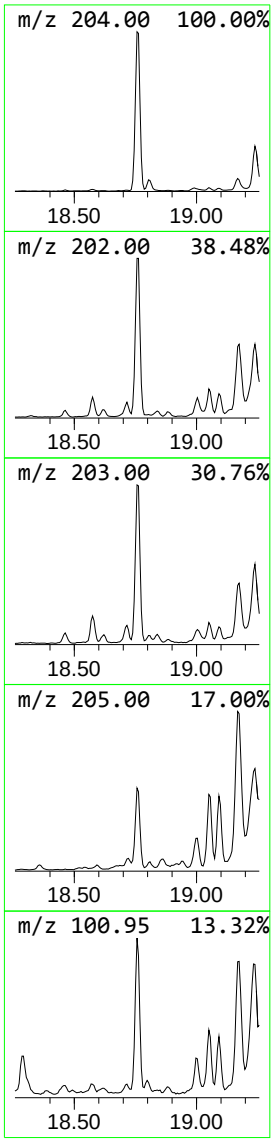
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.756	8.64 ng/ul	2702690	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

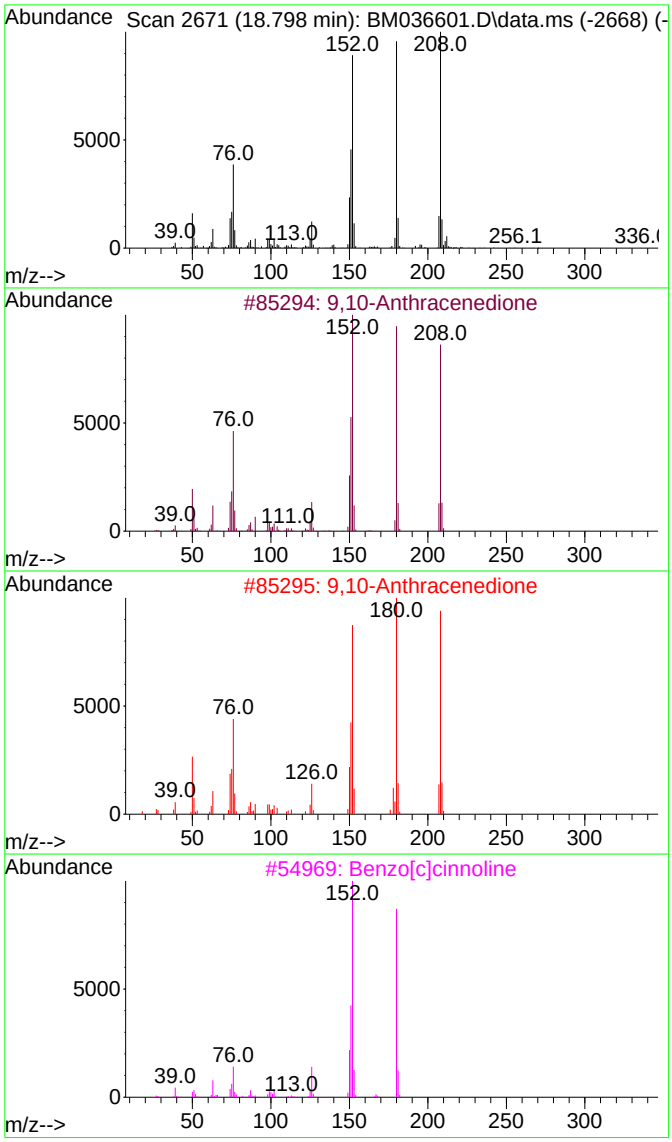
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

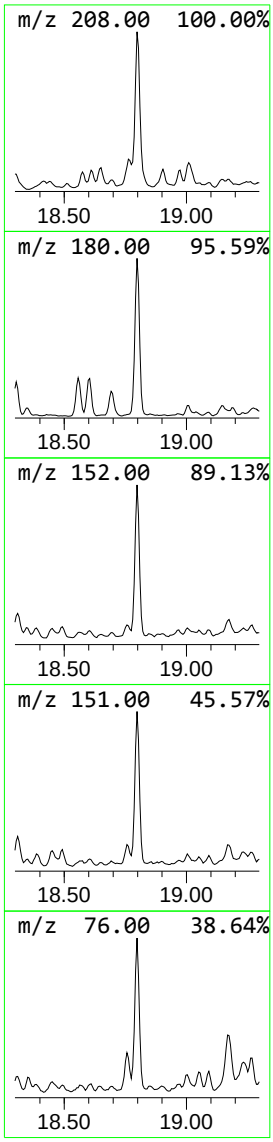
****

Peak Number 33 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	8.14 ng/ul	2546110	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

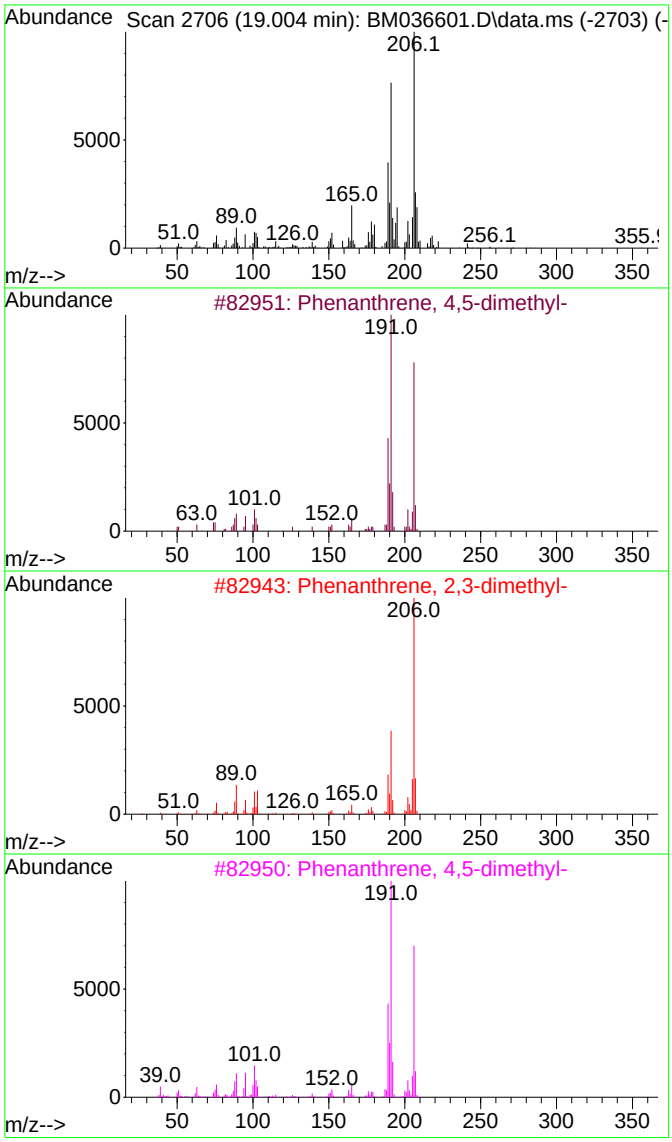
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

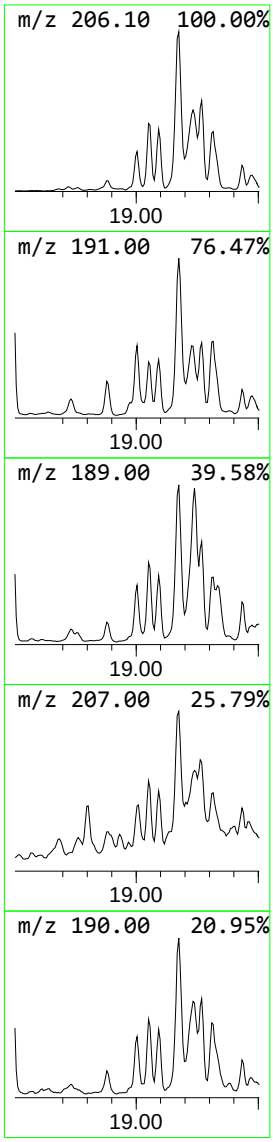
****

Peak Number 34 Phenanthrene, 4,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	4.31 ng/ul	1348390	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

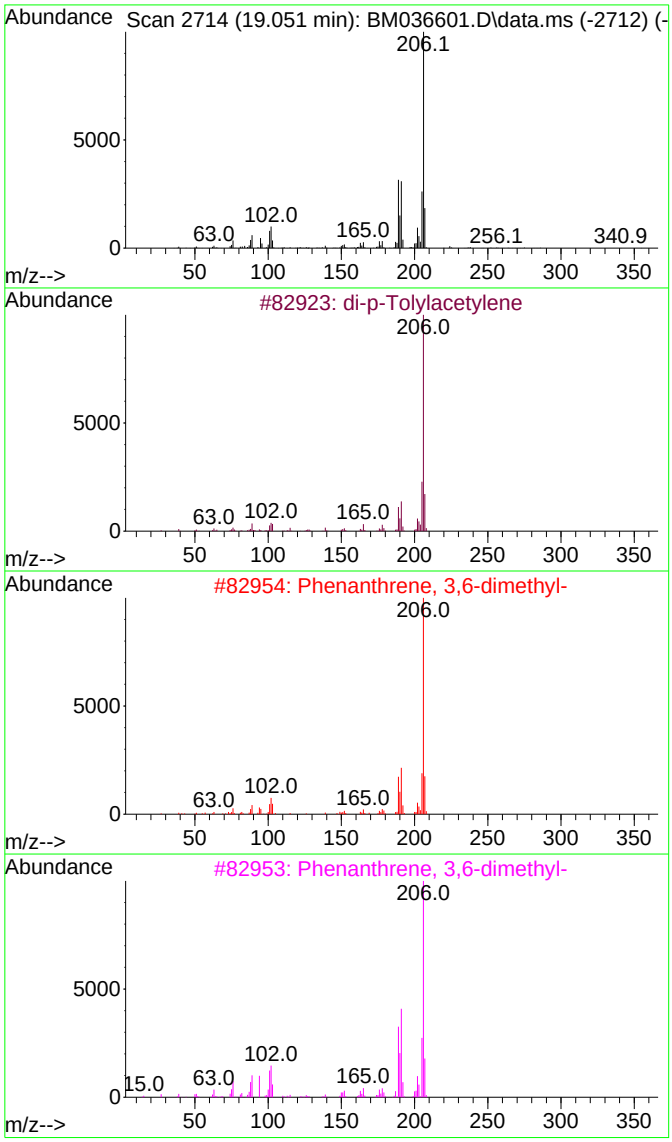
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

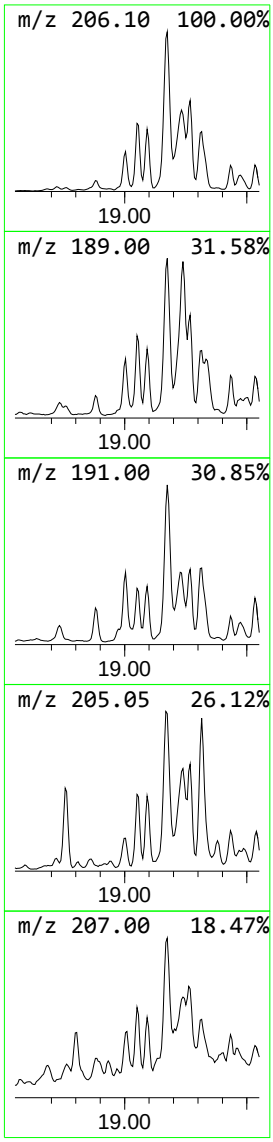
****

Peak Number 35 di-p-Tolylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	4.22 ng/ul	1320360	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

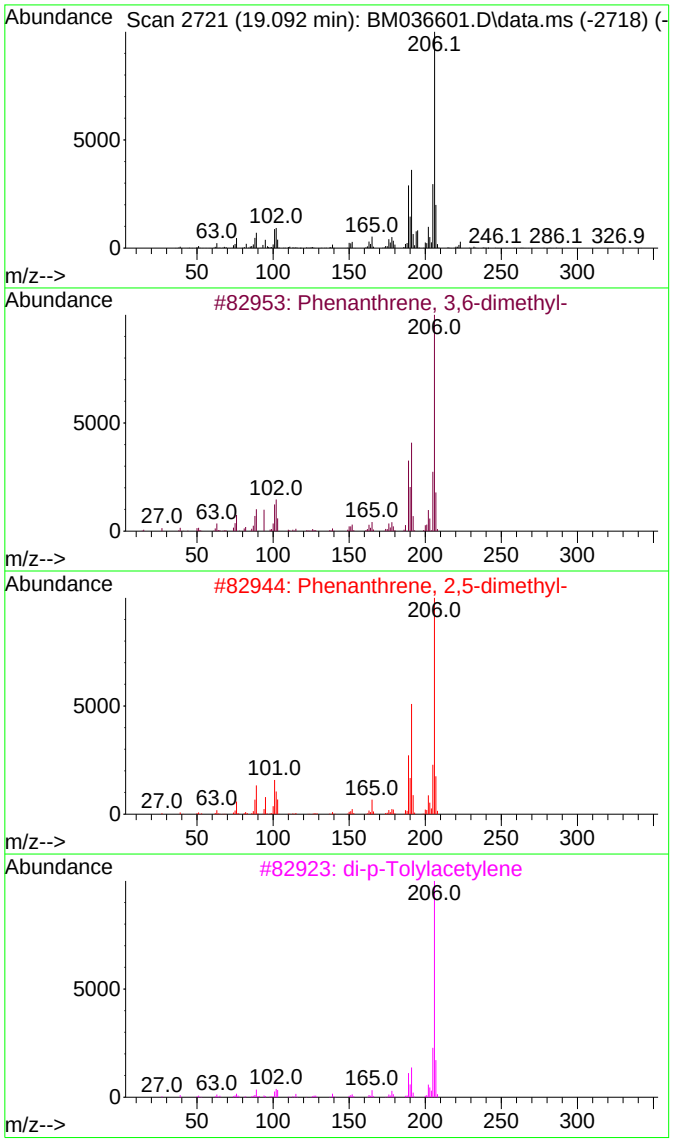
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

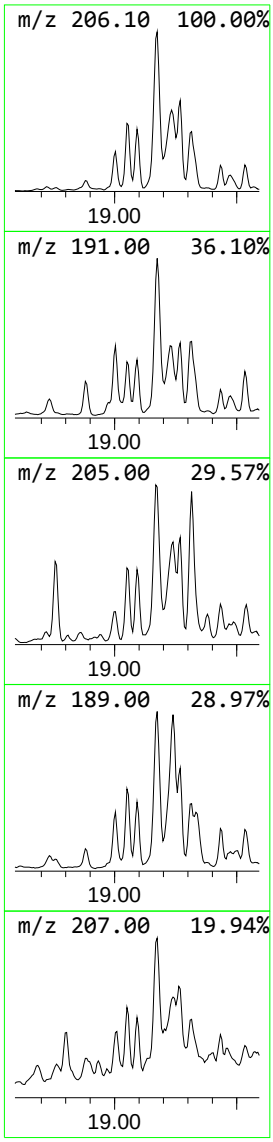
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	5.46 ng/ul	1708030	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

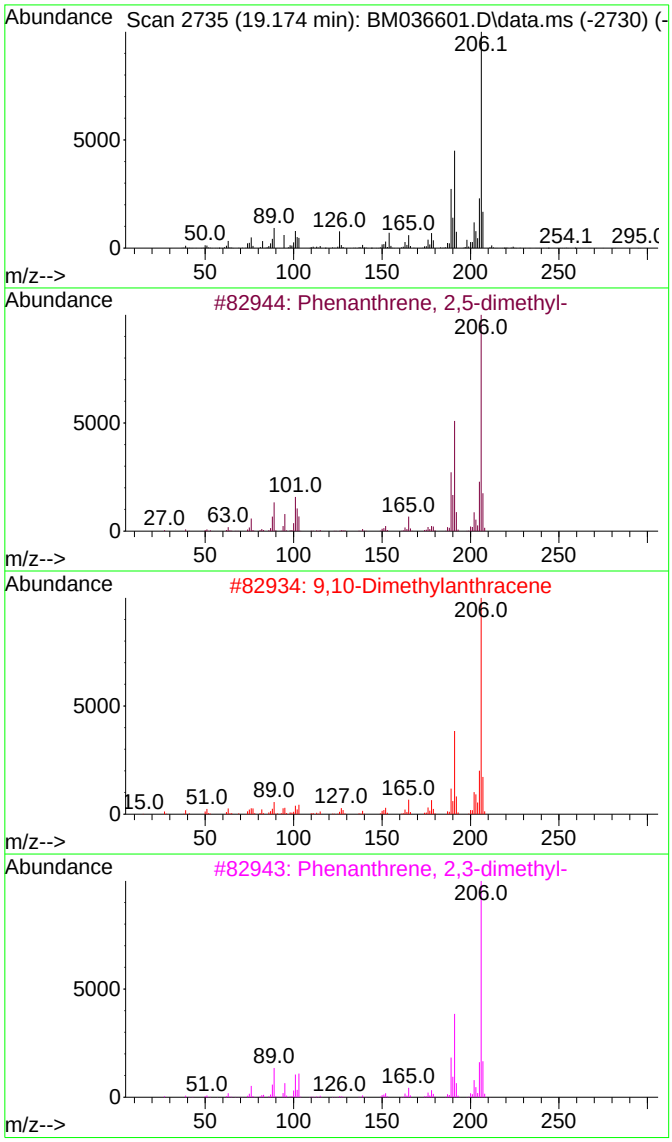
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

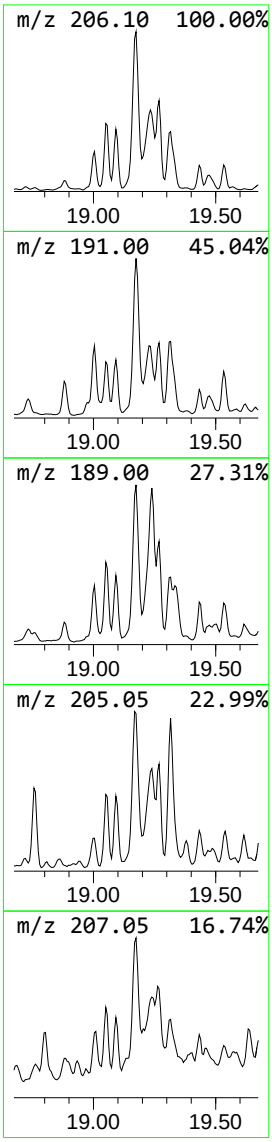
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	17.79 ng/ul	5565780	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

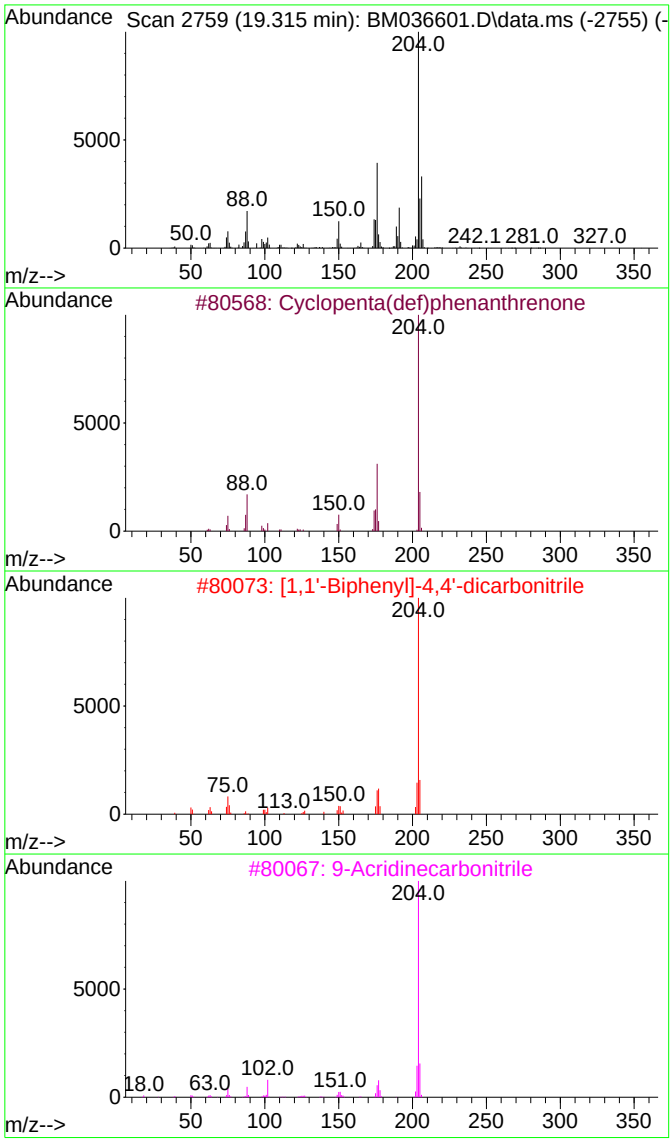
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

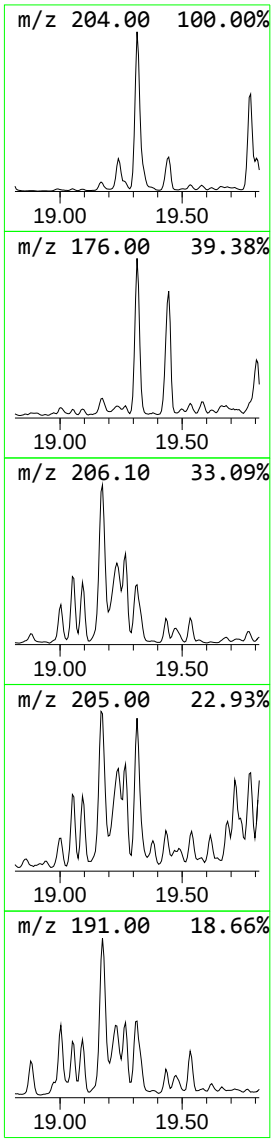
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	15.89 ng/ul	4971970	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

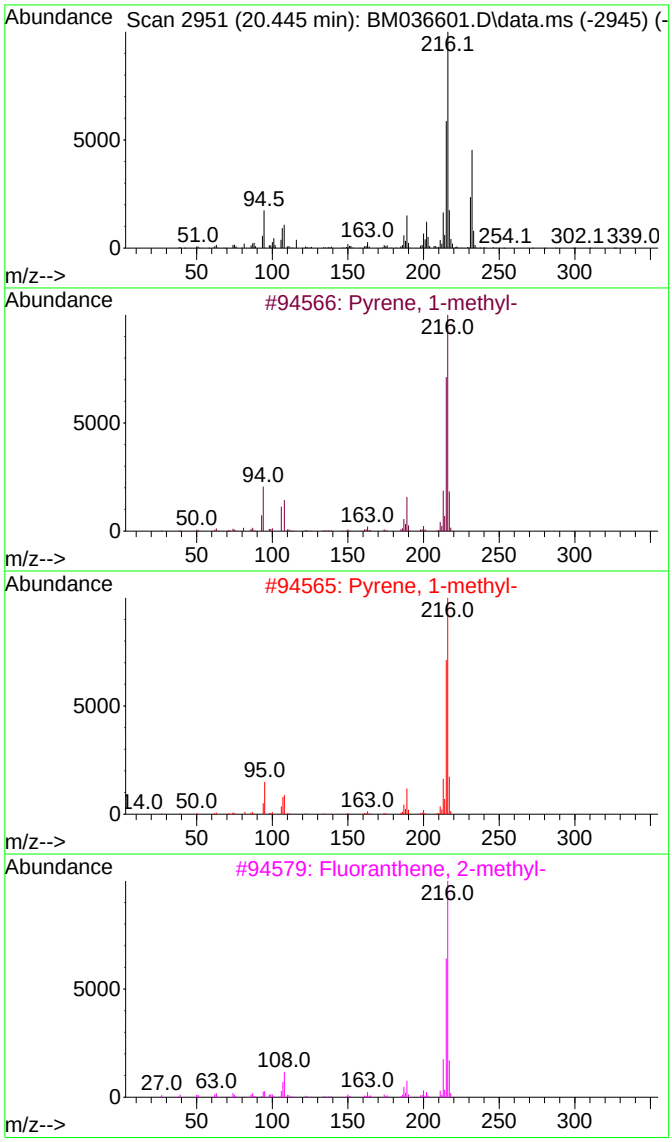
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

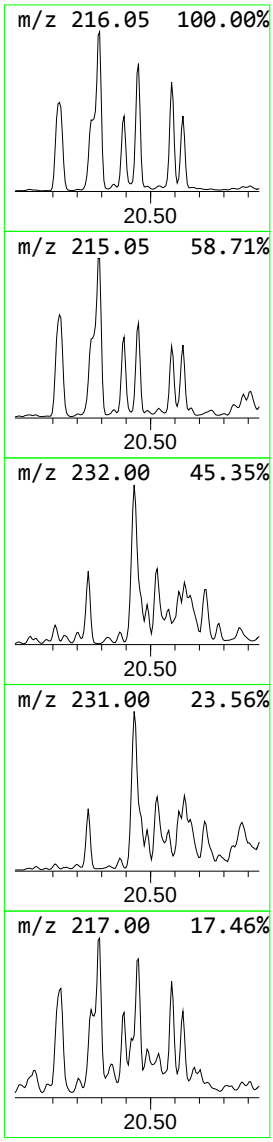
****

Peak Number 44 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	5.08 ng/ul	8546590	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

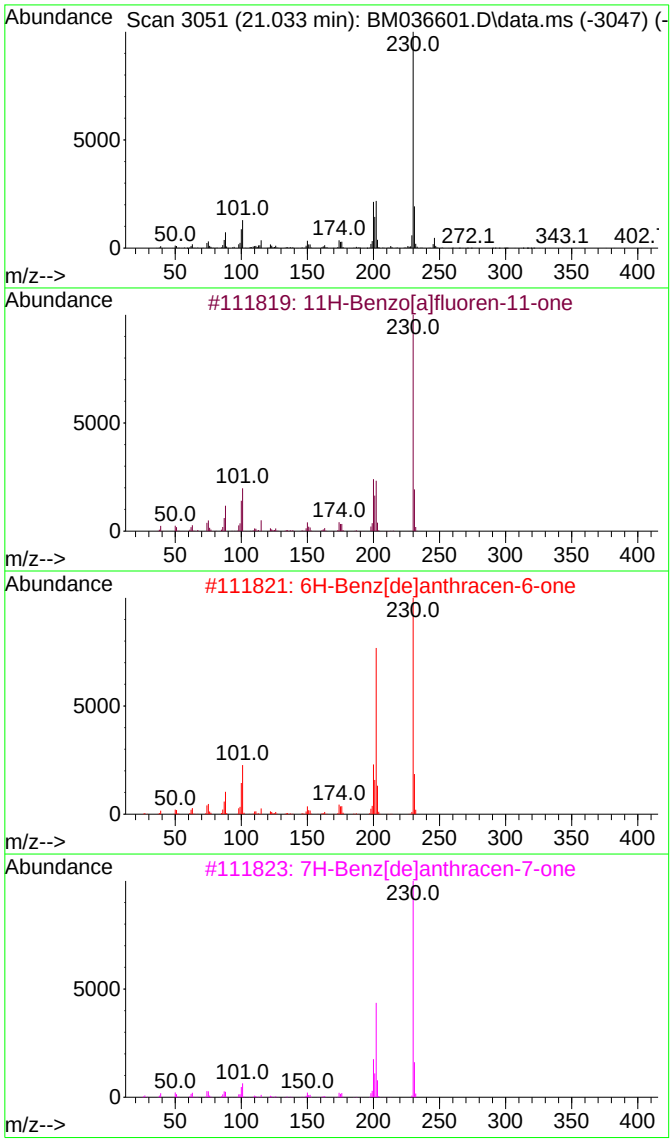
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

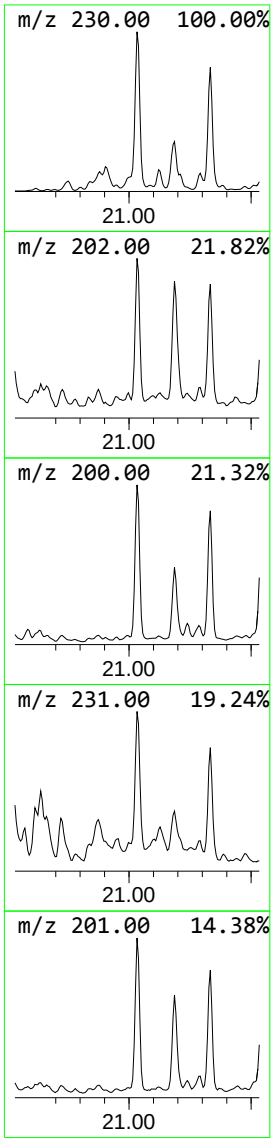
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	4.43 ng/ul	7455420	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

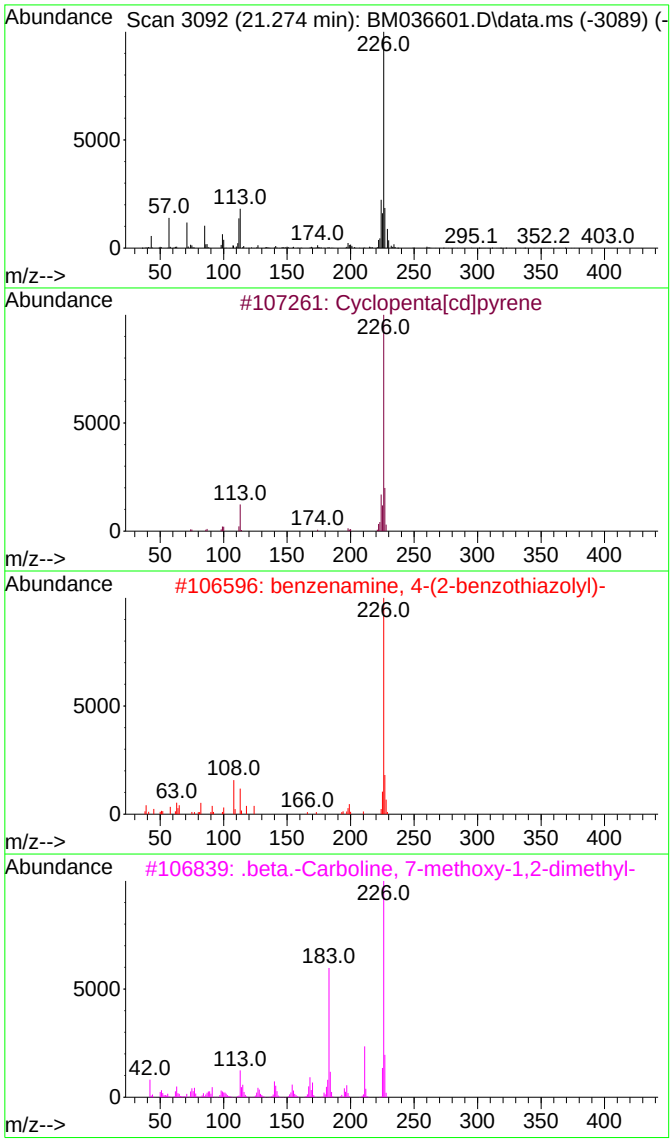
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

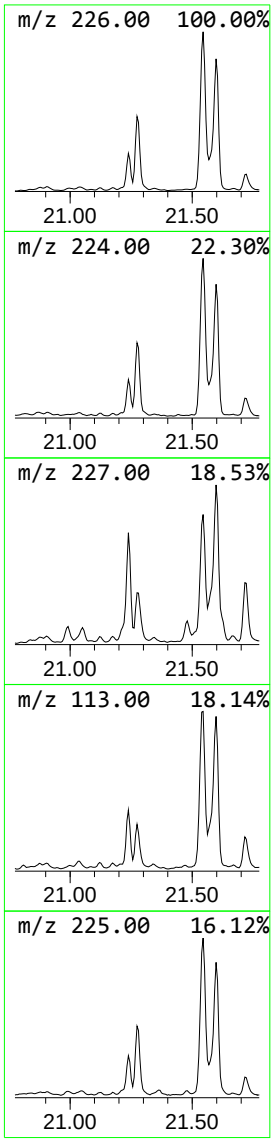
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Cyclopenta[cd]pyrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	4.41 ng/ul	7412340	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	92
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
5	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

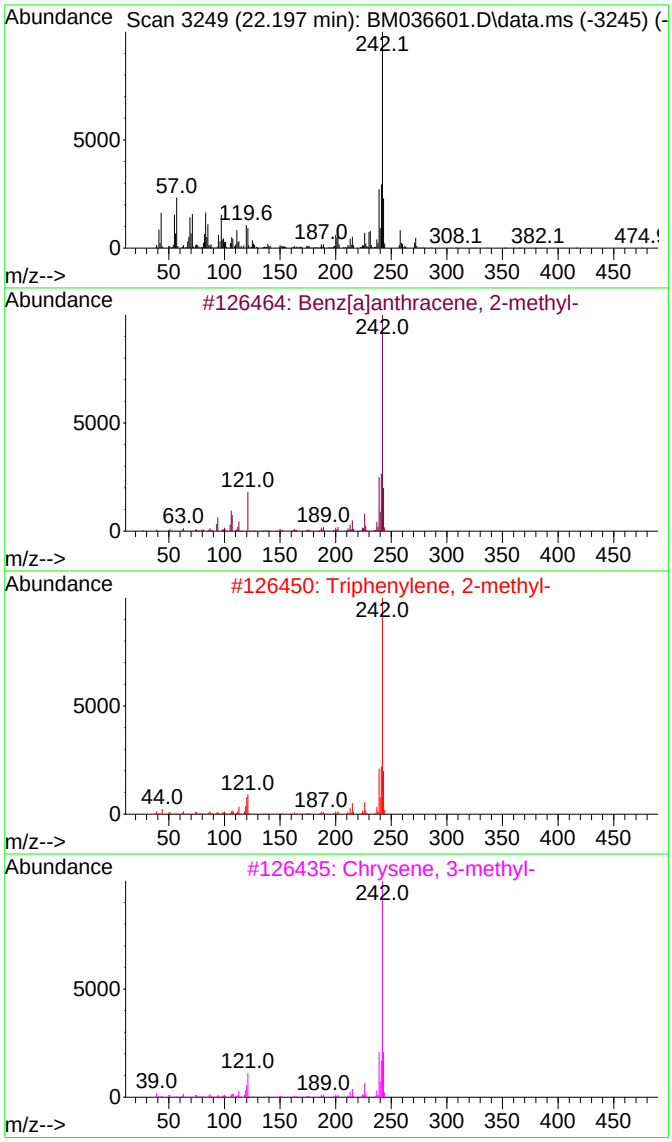
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

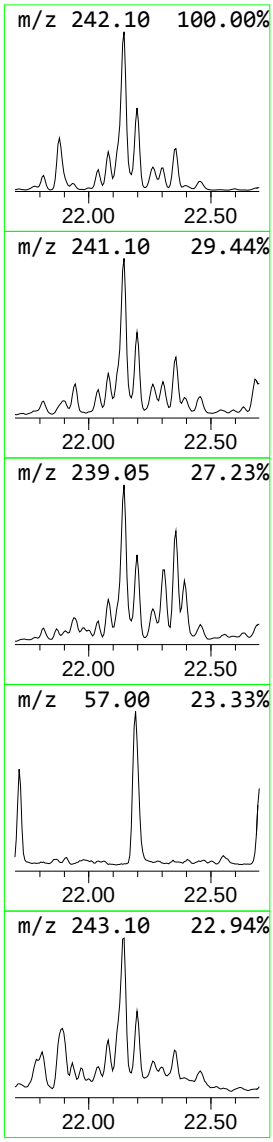
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benz[a]anthracene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.198	4.23 ng/ul	7116700	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	93
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

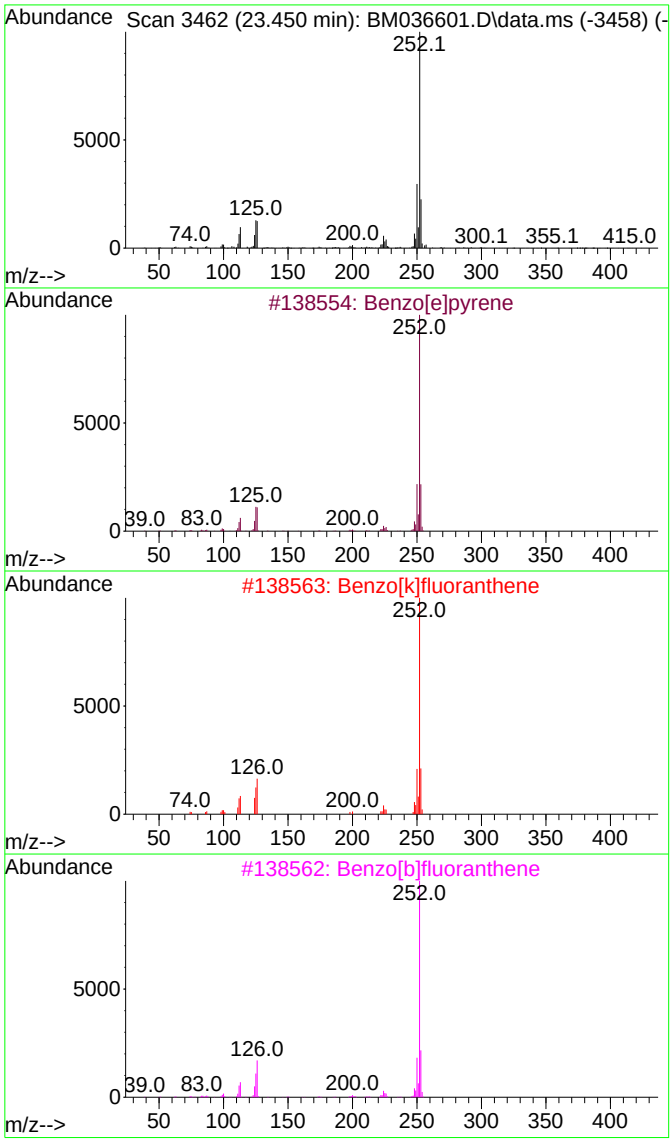
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

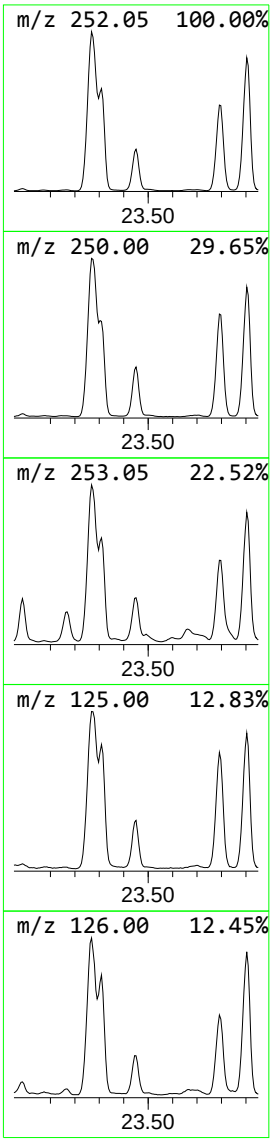
****

Peak Number 53 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.450	5.28 ng/ul	4700110	Perylene-d12	24.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

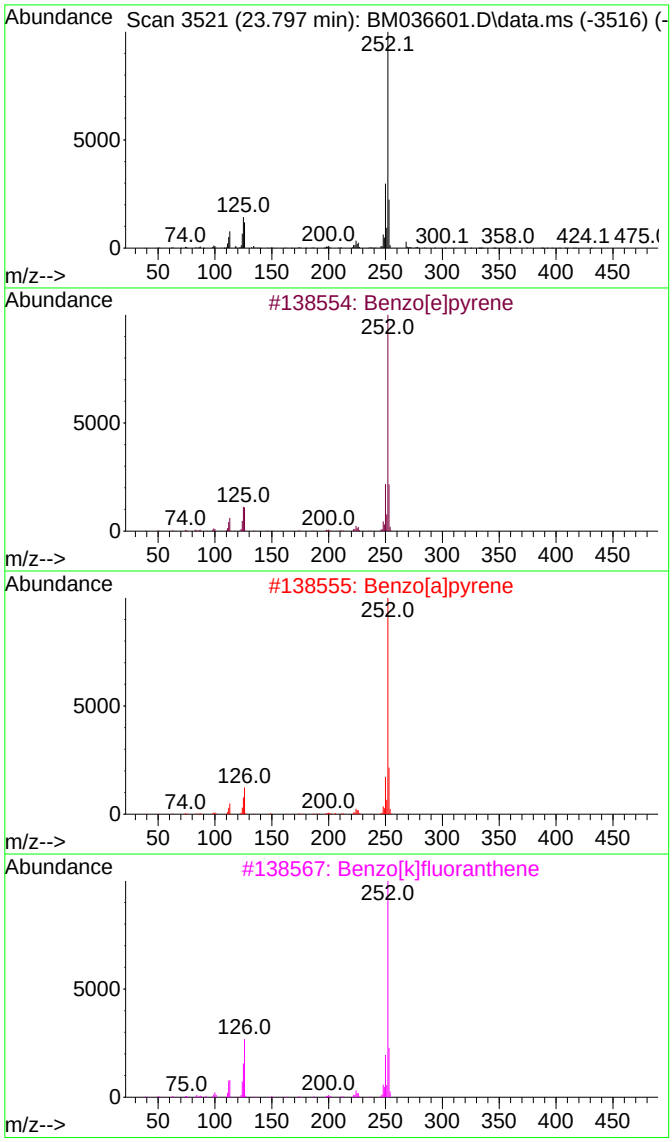
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

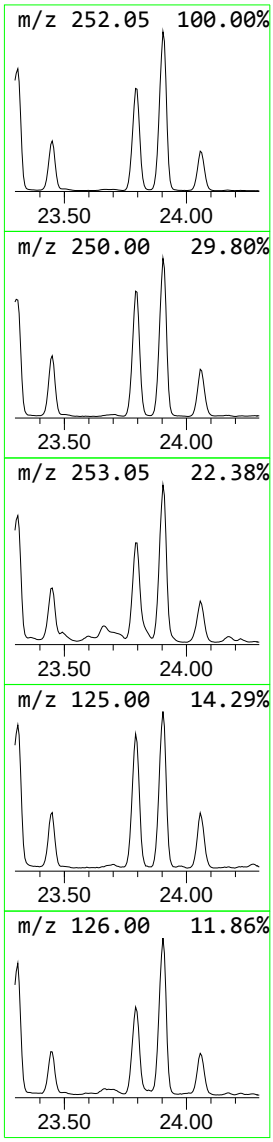
****

Peak Number 54 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.797	8.89 ng/ul	7912790	Perylene-d12	24.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036601.D
Acq On : 20 Sep 2022 04:24
Operator : CG/JU
Sample : N4604-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.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...	3.122	94.5	ng/ul	12554000	1	8.028	2656050	20.0
Ethanol, 2-(2-b...	10.616	12.8	ng/ul	2810030	2	10.839	4381650	20.0
(DEL) Alkane: S...	12.257	2.0	ng/ul	447436	2	10.839	4381650	20.0
2,4,7,9-Tetrame...	13.557	4.1	ng/ul	1170540	3	14.651	5721570	20.0
Naphthalene, 2,...	13.975	4.4	ng/ul	1263940	3	14.651	5721570	20.0
Dibenzo furan	15.045	5.9	ng/ul	1692920	3	14.651	5721570	20.0
Naphthalene, 2,...	15.433	4.2	ng/ul	1204880	3	14.651	5721570	20.0
(DEL) Alkane: S...	15.498	2.6	ng/ul	742581	3	14.651	5721570	20.0
(DEL) Alkane: S...	15.904	3.2	ng/ul	925405	3	14.651	5721570	20.0
Dibenzofuran, 4...	16.127	5.8	ng/ul	1816410	4	17.386	6257970	20.0
(DEL) Alkane: S...	16.363	5.0	ng/ul	1564080	4	17.386	6257970	20.0
Naphtho[2,1-b]f...	16.921	5.3	ng/ul	1648430	4	17.386	6257970	20.0
9H-Fluoren-9-one	17.039	5.0	ng/ul	1568830	4	17.386	6257970	20.0
4-(4-Methylphen...	17.115	4.4	ng/ul	1386650	4	17.386	6257970	20.0
Dibenzothiophene	17.204	5.2	ng/ul	1636690	4	17.386	6257970	20.0
Palmitoleic acid	18.227	4.5	ng/ul	1393640	4	17.386	6257970	20.0
Phenanthrene, 2...	18.262	12.9	ng/ul	4044280	4	17.386	6257970	20.0
Phenanthrene, 1...	18.310	30.9	ng/ul	9656800	4	17.386	6257970	20.0
Phenanthrene, 4...	18.392	10.1	ng/ul	3170630	4	17.386	6257970	20.0
1H-Cyclopropa[l...	18.451	26.2	ng/ul	8204320	4	17.386	6257970	20.0
Anthracene, 2-m...	18.492	9.7	ng/ul	3040230	4	17.386	6257970	20.0
(DEL) Alkane: S...	18.580	2.1	ng/ul	666426	4	17.386	6257970	20.0
Naphthalene, 2-...	18.756	8.6	ng/ul	2702690	4	17.386	6257970	20.0
9,10-Anthracene...	18.798	8.1	ng/ul	2546110	4	17.386	6257970	20.0
Phenanthrene, 4...	19.004	4.3	ng/ul	1348390	4	17.386	6257970	20.0
di-p-Tolylacety...	19.051	4.2	ng/ul	1320360	4	17.386	6257970	20.0
Phenanthrene, 3...	19.092	5.5	ng/ul	1708030	4	17.386	6257970	20.0
Phenanthrene, 2...	19.174	17.8	ng/ul	5565780	4	17.386	6257970	20.0
Cyclopenta(def)...	19.315	15.9	ng/ul	4971970	4	17.386	6257970	20.0
Pyrene, 1-methyl-	20.445	5.1	ng/ul	8546590	5	21.556	33628900	20.0
11H-Benzo[a]flu...	21.033	4.4	ng/ul	7455420	5	21.556	33628900	20.0
Cyclopenta[cd]p...	21.274	4.4	ng/ul	7412340	5	21.556	33628900	20.0
Benz[a]anthrace...	22.198	4.2	ng/ul	7116700	5	21.556	33628900	20.0
Benzo[e]pyrene	23.450	5.3	ng/ul	4700110	6	24.003	17809500	20.0
unknown-01	23.797	8.9	ng/ul	7912790	6	24.003	17809500	20.0