LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

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: BM036594.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	32	rVB	12301003	18434485	100.00%	7.276%
2	5.105	334	343	353	rBV2	286131	456417	2.48%	0.180%
3	7.175	688	695	704	rVV	1450845	2333028	12.66%	0.921%
4	7.352	719	725	732	rBV	1300367	1993135	10.81%	0.787%
5	7.552	749	759	769	rBV	1458555	2278199	12.36%	0.899%
6	8.028	831	840	847	rBV	1800126	2890261	15.68%	1.141%
7	8.728	953	959	967	rVV	1550228	2422304	13.14%	0.956%
8	9.193	1031	1038	1044	rVV	1439940	2407827	13.06%	0.950%
9	9.916	1153	1161	1167	rVV	1028015	1695582	9.20%	0.669%
10	10.451	1243	1252	1260	rBV	1834467	3015535	16.36%	1.190%
11	10.610	1273	1279	1290	rBV	685033	1044375	5.67%	0.412%
12	10.840	1309	1318	1323	rBV	2639875	4512916	24.48%	1.781%
13	10.887	1323	1326	1333	rVV	212462	362559	1.97%	0.143%
14	10.969	1334	1340	1354	rVV2	376870	855537	4.64%	0.338%
15	11.869	1488	1493	1499	rBV	149234	237572	1.29%	0.094%
16	12.492	1593	1599	1606	rVB	279592	463709	2.52%	0.183%
17	12.710	1630	1636	1642	rVV	240810	384496	2.09%	0.152%
18	13.487	1762	1768	1774	rVV2	267285	396847	2.15%	0.157%
19	13.969	1846	1850	1856	rVV	258003	490249	2.66%	0.193%
20	14.063	1856	1866	1875	rVV	3451704	5354163	29.04%	2.113%
21	14.139	1875	1879	1883	rVV	191214	264203	1.43%	0.104%
22	14.345	1908	1914	1930	rVB2	4419586	7281263	39.50%	2.874%
23	14.551	1944	1949	1955	rBV	215306	283841	1.54%	0.112%
24	14.651	1956	1966	1972	rBV	4131566	6032019	32.72%	2.381%
25	14.822	1990	1995	2002	rBV	1025318	1481197	8.03%	0.585%
26	14.922	2008	2012	2019	rVB3	145063	230960	1.25%	0.091%
27	15.045	2028	2033	2040	rVB	278509	463589	2.51%	0.183%
28	15.263	2062	2070	2075	rBV2	123651	251201	1.36%	0.099%
29	15.439	2093	2100	2103	rBV4	157236	292664	1.59%	0.116%
30	15.498	2107	2110	2116	rVB2	226216	290306	1.57%	0.115%
31	15.639	2127	2134	2139	rVV	5671903	8031731	43.57%	3.170%
32	15.680	2139	2141	2146	rVV3	173765	231979	1.26%	0.092%
33	15.745	2146	2152	2158	rVB	1264720	1745504	9.47%	0.689%
34	15.904	2171	2179	2184	rVB4	167723	316769	1.72%	0.125%
35	15.986	2188	2193	2202	rVB	176549	325370	1.77%	0.128%
36	16.133	2213	2218	2224	rVB2	160735	363908	1.97%	0.144%

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Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5780

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

37	16.357	2251	2256	2258	rBV3	397476	571865	3.10%	0.226%
38	16.380	2258	2260	2265	rVB	448567	550519	2.99%	0.217%
39	16.922	2348	2352	2356	rBV3	171625	286891	1.56%	0.113%
40	17.039	2368	2372	2379	rVB4	216774	342853	1.86%	0.135%
41	17.151	2387	2391	2396	rVB	306960	434975	2.36%	0.172%
42	17.204	2396	2400	2403	rBV	247078	336889	1.83%	0.133%
43	17.239	2403	2406	2411	rVB	373137	443332	2.40%	0.175%
44	17.386	2425	2431	2435	rBV	4898648	7021969	38.09%	2.772%
45	17.427	2435	2438	2442	rVB	1937068	2339189	12.69%	0.923%
46	17.486	2442	2448	2452	rBV	6157315	8726273	47.34%	3.444%
47	17.569	2458	2462	2468	rBV3	152171	261994	1.42%	0.103%
48	17.698	2480	2484	2490	rVB2	184461	259774	1.41%	0.103%
49	17.786	2495	2499	2502	rBV	248013	344339	1.87%	0.136%
50	17.892	2513	2517	2525	rVB2	322693	521315	2.83%	0.206%
51	18.063	2542	2546	2550	rVB2	421998	498613	2.70%	0.197%
52	18.222	2569	2573	2577	rBV	1722650	2481977	13.46%	0.980%
53	18.286	2577	2584	2586	rBV2	863809	1516106	8.22%	0.598%
54	18.386	2598	2601	2606	rVV	221322	292769	1.59%	0.116%
55	18.451	2606	2612	2616	rVV2	863741	1613118	8.75%	0.637%
56	18.492	2616	2619	2625	rVB	505022	744763	4.04%	0.294%
57	18.580	2630	2634	2637	rBV2	422926	527539	2.86%	0.208%
58	18.757	2660	2664	2667	rBV	456443	620727	3.37%	0.245%
59	18.792	2667	2670	2682	rVB2	445595	676617	3.67%	0.267%
60	19.004	2703	2706	2709	rVB	215638	224951	1.22%	0.089%
61	19.051	2711	2714	2717	rVV2	353214	470504	2.55%	0.186%
62	19.092	2717	2721	2725	rVB	382546	509920	2.77%	0.201%
63	19.169	2730	2734	2738	rBV	889892	1329594	7.21%	0.525%
64	19.227	2738	2744	2748	rVV4	540460	1311089	7.11%	0.517%
65	19.263	2748	2750	2754	rVV	369580	402469	2.18%	0.159%
66	19.310	2754	2758	2766	rVV	878524	1473401	7.99%	0.582%
67	19.433	2774	2779	2786	rVB	10558651	13620419	73.89%	5.376%
68	19.498	2787	2790	2793	rVB	321914	358157	1.94%	0.141%
69	19.551	2797	2799	2802	rVB	347885	315204	1.71%	0.124%
70	19.674	2817	2820	2823	rBV	249122	355734	1.93%	0.140%
71	19.768	2830	2836	2838	rBV2	9011873	13326304	72.29%	5.260%
72	19.798	2838	2841	2848	rVV	9011124	11908642	64.60%	4.700%
73	19.868	2849	2853	2858	rVB2	694541	1093939	5.93%	0.432%
74	19.968	2866	2870	2876	rVB	547932	863867	4.69%	0.341%
75	20.116	2889	2895	2902	rBV2	1087424	2759353	14.97%	1.089%
76	20.251	2913	2918	2920	rBV3	776460	1343395	7.29%	0.530%

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Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

77	20.286	2921	2924	2927	rVV	1245711	1565442	8.49%	0.618%
78	20.315	2927	2929	2933	rVB2	386458	356706	1.93%	0.141%
79	20.380	2937	2940	2944	rVB	568219	741329	4.02%	0.293%
80	20.445	2945	2951	2955	rVV2	1151125	2012082	10.91%	0.794%
81	20.580	2971	2974	2978	rBV	652813	859172	4.66%	0.339%
82	21.027	3046	3050	3056	rVB	1873305	2430846	13.19%	0.959%
83	21.192	3073	3078	3082	rBV2	1036314	1839379	9.98%	0.726%
84	21.233	3082	3085	3087	rVV	1215226	1527855	8.29%	0.603%
85	21.268	3087	3091	3096	rVV3	2114846	3747079	20.33%	1.479%
86	21.321	3097	3100	3107	rVB2	1374223	1993683	10.81%	0.787%
87	21.545	3132	3138	3143	rBV2	7719472	17561967	95.27%	6.932%
88	21.592	3143	3146	3155	rVB	5143676	7089131	38.46%	2.798%
89	21.715	3164	3167	3172	rBV3	774775	1101727	5.98%	0.435%
90	22.139	3236	3239	3243	rVB	1015547	1200580	6.51%	0.474%
91	22.192	3244	3248	3255	rVB2	1631298	2577347	13.98%	1.017%
92	22.951	3373	3377	3392	rVB4	1169457	2545315	13.81%	1.005%
93	23.256	3422	3429	3434	rBV	4133355	11029562	59.83%	4.353%
94	23.439	3457	3460	3472	rVB	778034	1441540	7.82%	0.569%
95	23.786	3513	3519	3523	rBV	1790053	3433502	18.63%	1.355%
96	23.839	3523	3528	3533	rVV2	3797203	7571355	41.07%	2.988%
97	23.892	3533	3537	3547	rVB	2405995	5126081	27.81%	2.023%
98	23.998	3549	3555	3561	rBV2	2972070	5668593	30.75%	2.237%
99	24.662	3664	3668	3676	rVB	832210	1710080	9.28%	0.675%
100	26.550	3980	3989	4004	rVB3	1457320	5235183	28.40%	2.066%

Sum of corrected areas: 253362584

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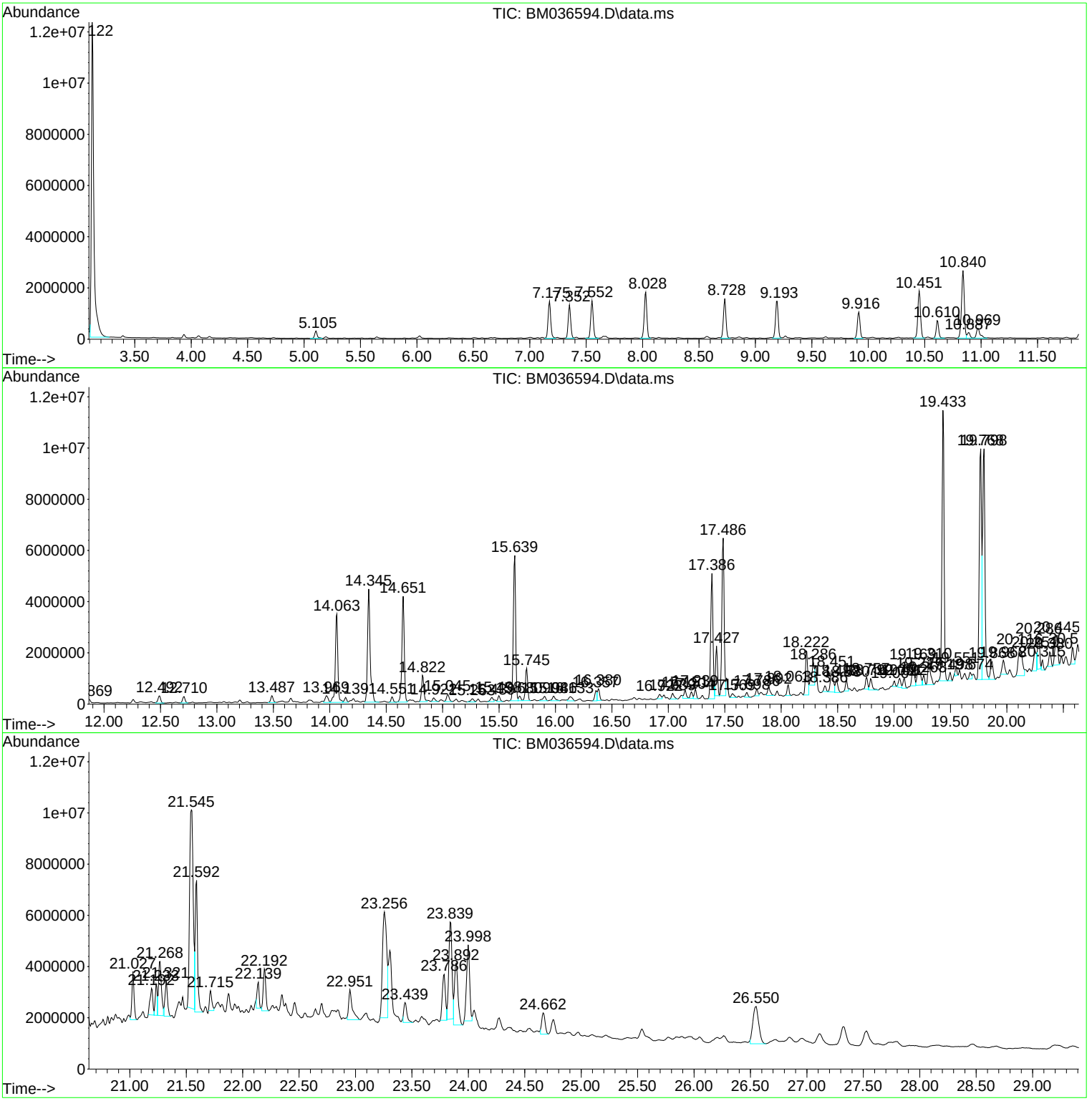
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
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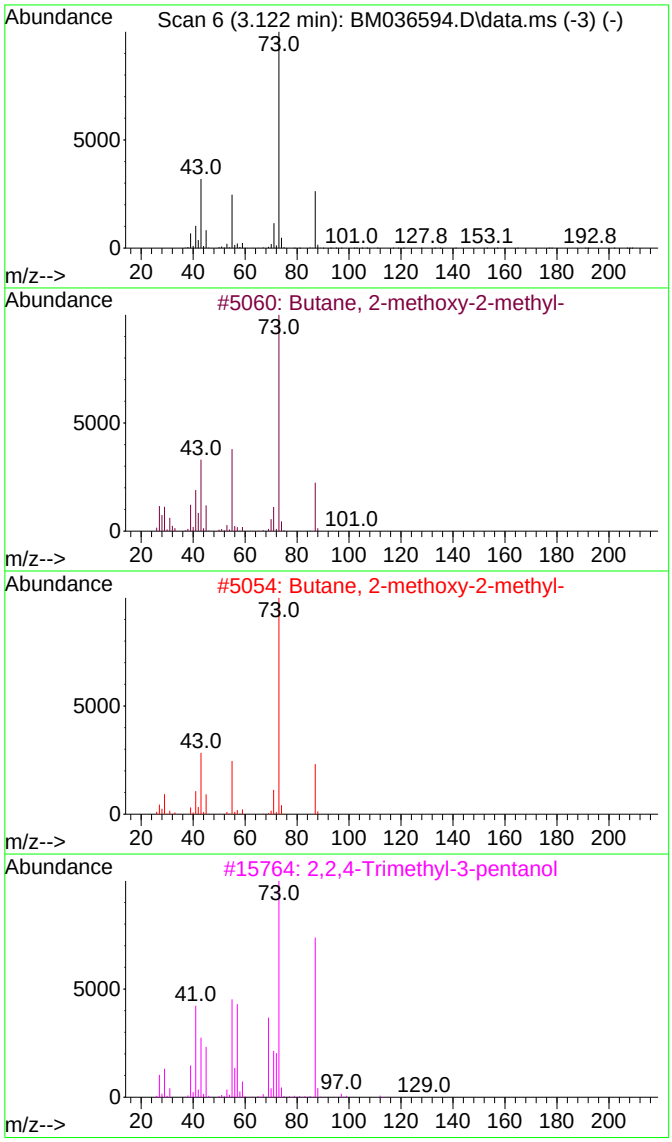
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

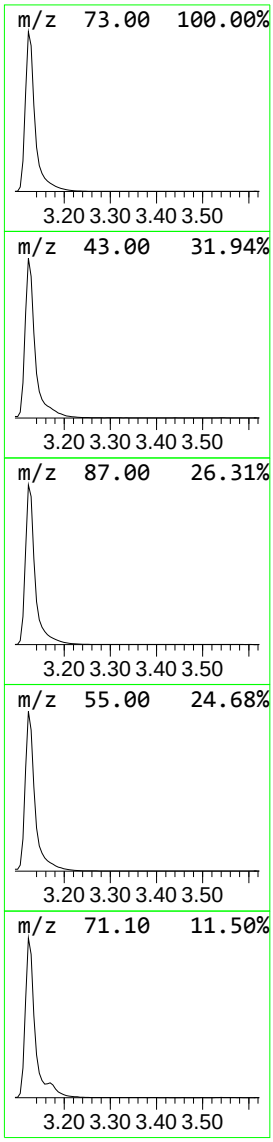
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	127.56 ng/ul	18434500	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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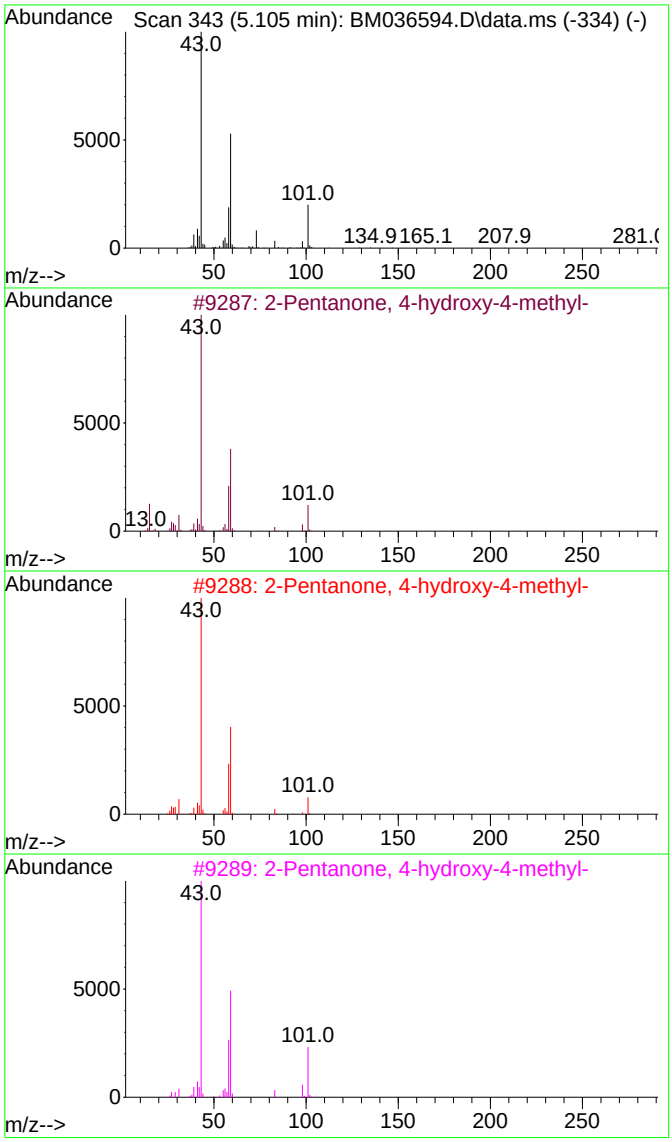
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

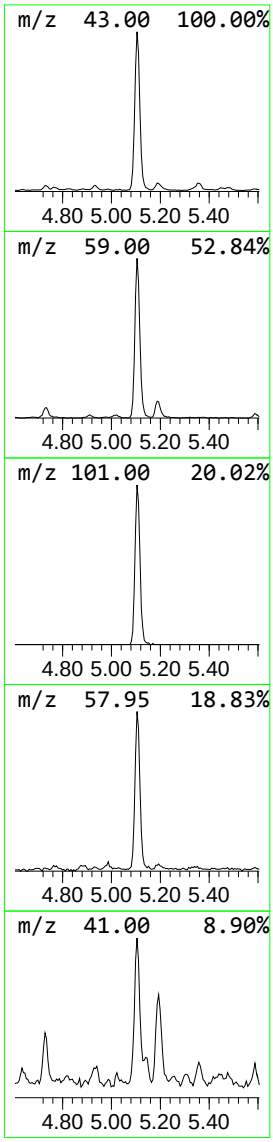
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.105	3.16 ng/ul	456417	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
5	t-Butyl nitrite	103	C4H9NO2	000540-80-7	36





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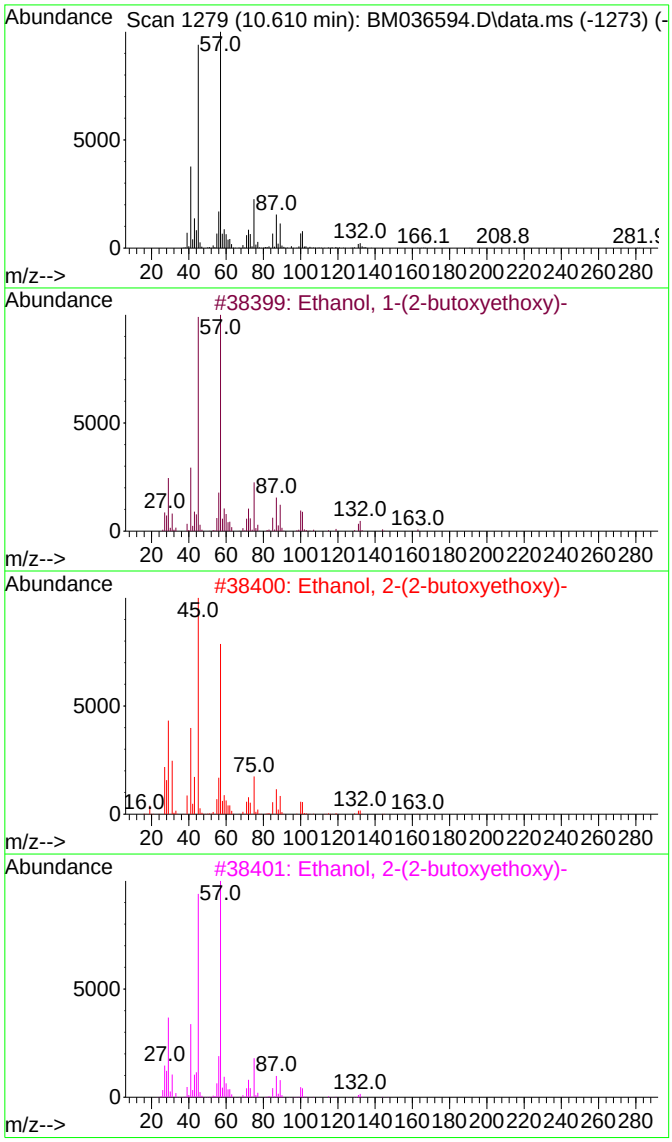
Quant Title : SVOA CALIBRATION

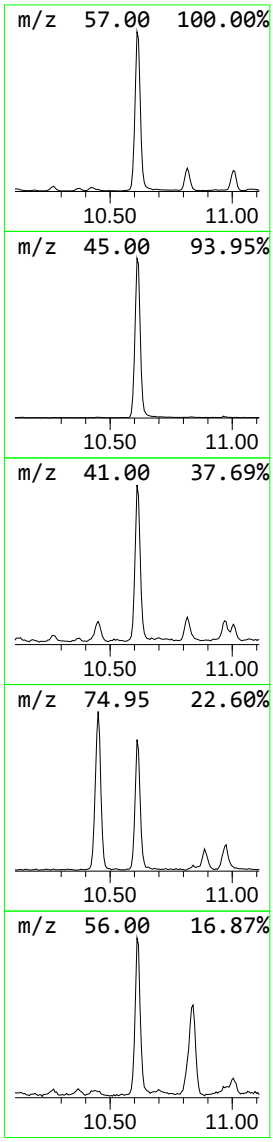
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.63 ng/ul	1044380	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	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	86
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78





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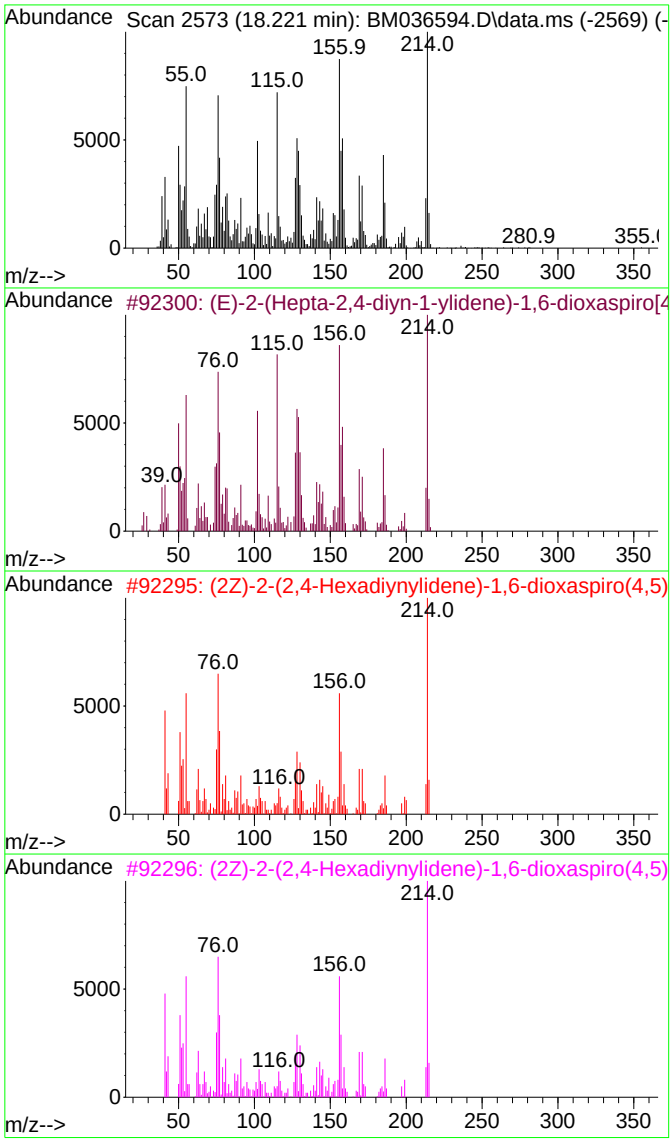
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

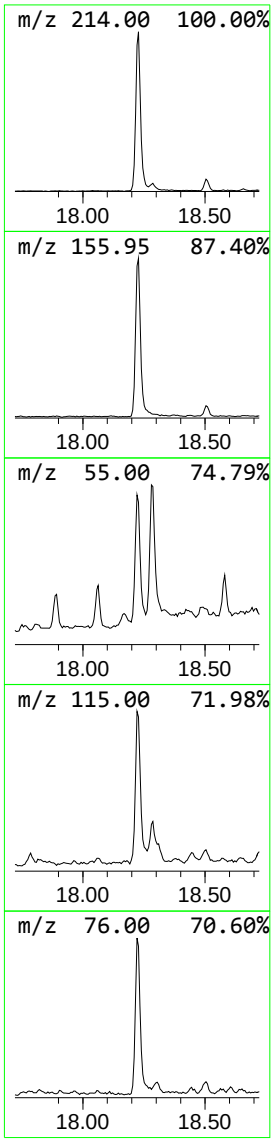
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (E)-2-(Hepta-2,4-diyn-1-yli... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	7.07 ng/ul	2481980	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-(Hepta-2,4-diyn-1-ylidene)...	214	C14H14O2	206062-17-1	99
2	(2Z)-2-(2,4-Hexadiynylidene)-1,6...	214	C14H14O2	1000433-05-4	96
3	(2Z)-2-(2,4-Hexadiynylidene)-1,6...	214	C14H14O2	1000433-05-4	96
4	(Z)-2-(Hepta-2,4-diyn-1-ylidene)...	214	C14H14O2	206062-16-0	78
5	3-Methyl-4-phenyl-1H-pyrrole	157	C11H11N	1000367-24-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

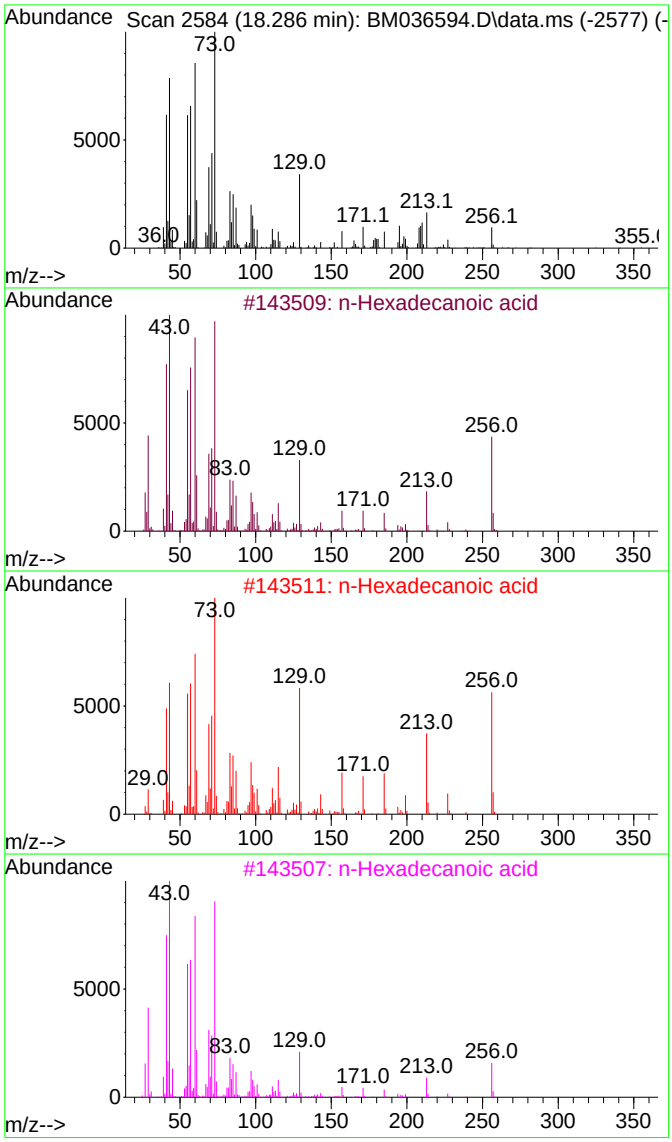
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

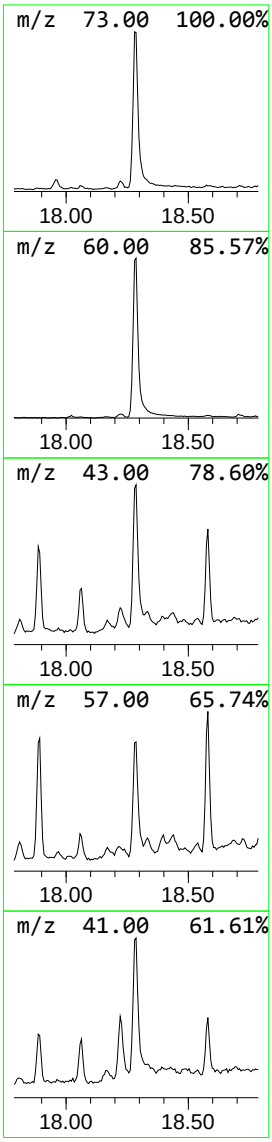
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	4.32 ng/ul	1516110	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89





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Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

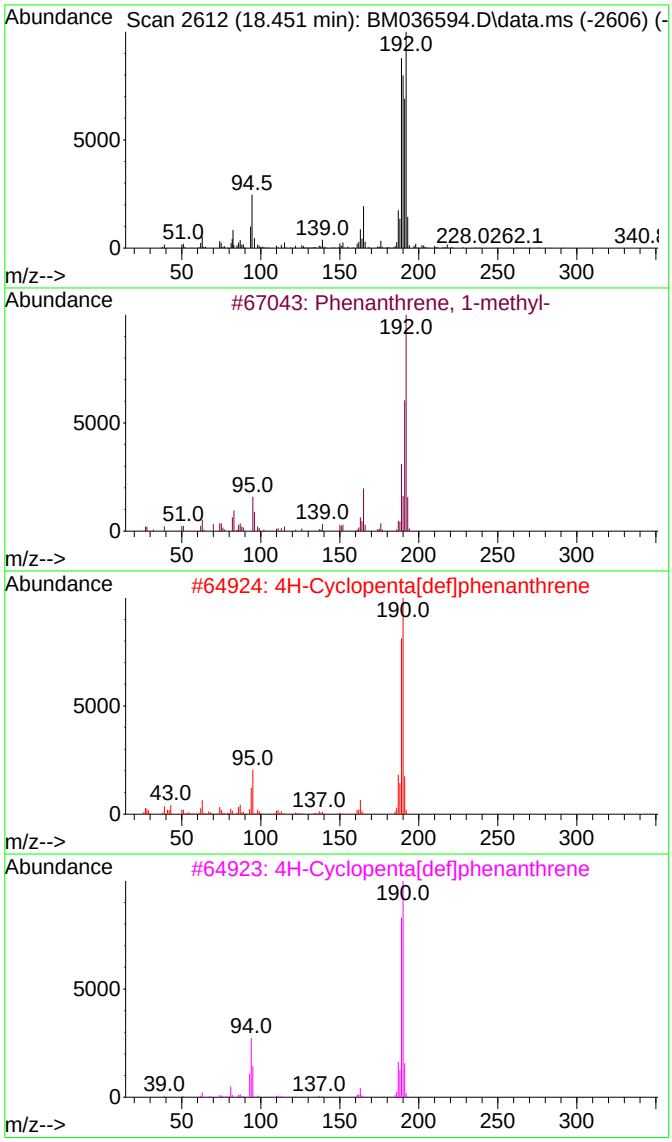
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

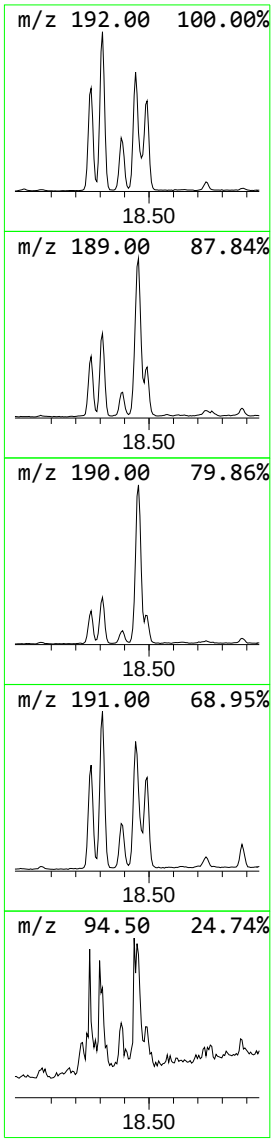
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	4.59 ng/ul	1613120	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46





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Sample : N4604-20
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Instrument :
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ClientSampleId :
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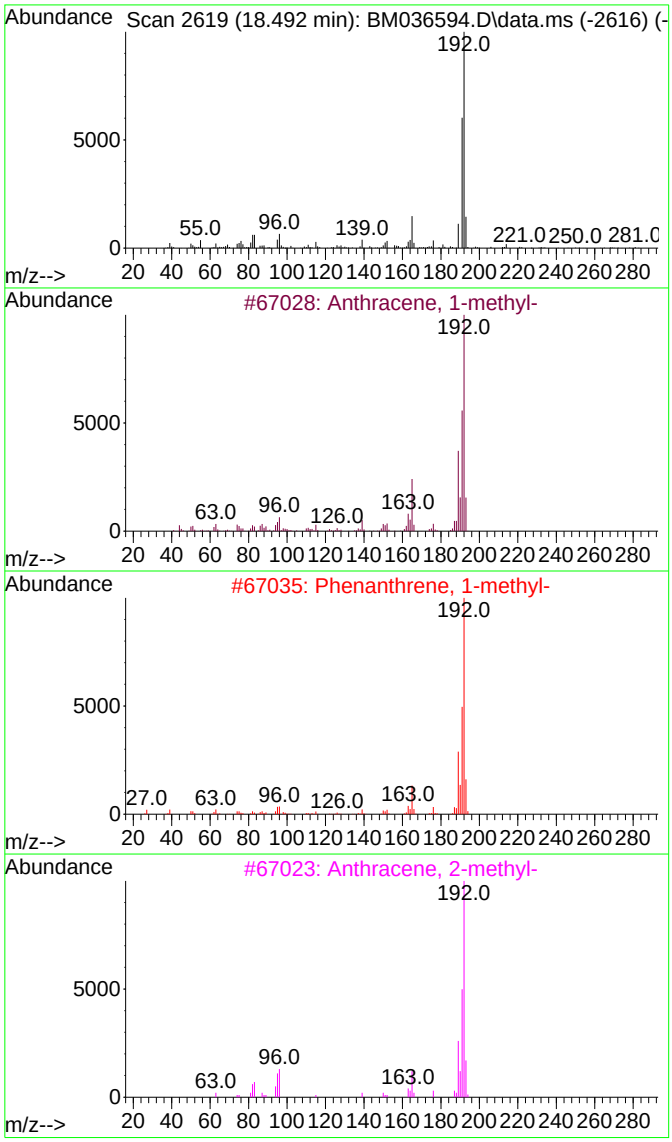
Quant Title : SVOA CALIBRATION

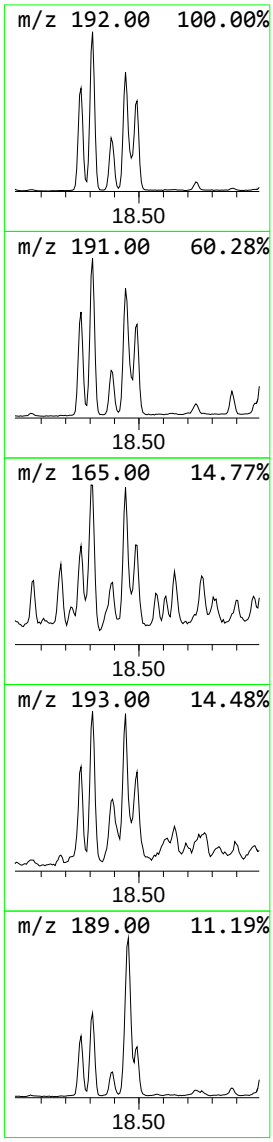
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.12 ng/ul	744763	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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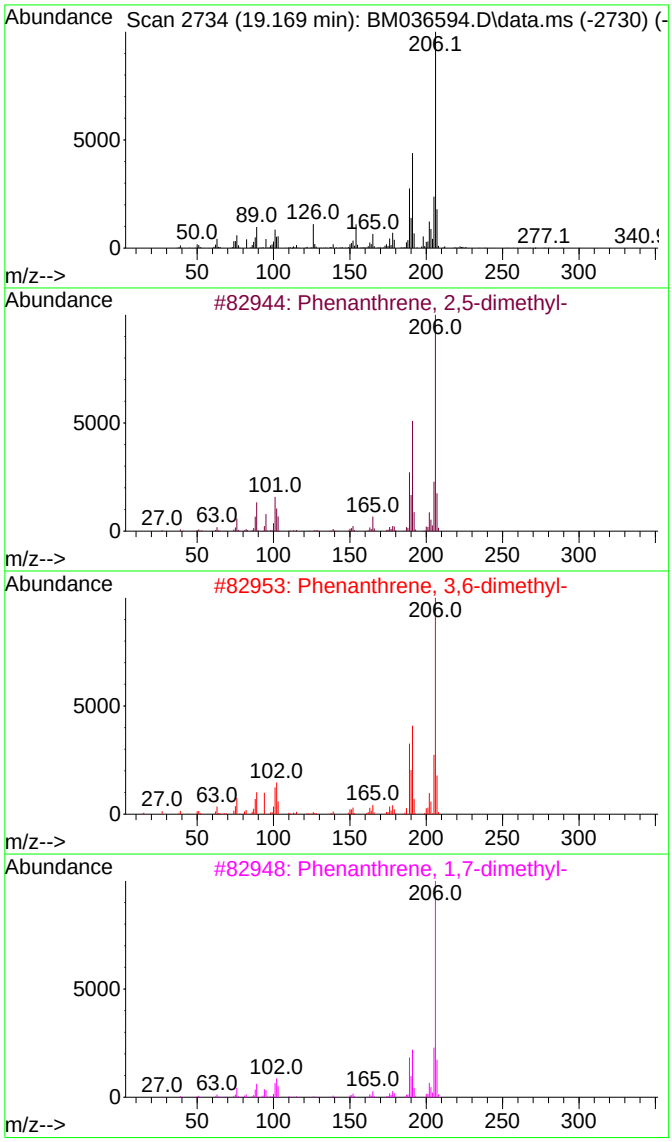
Quant Title : SVOA CALIBRATION

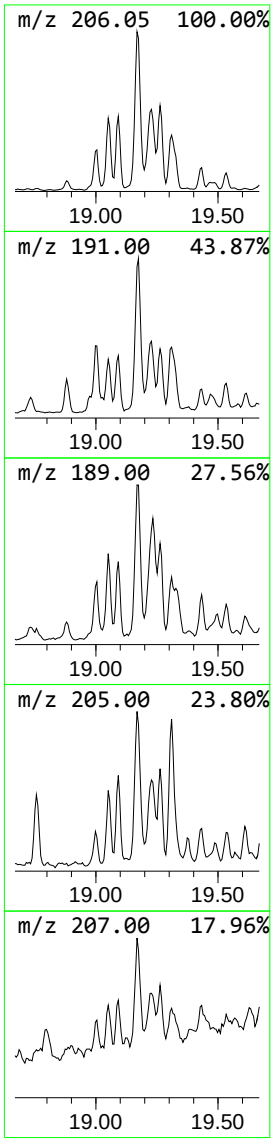
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	3.79 ng/ul	1329590	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Misc :
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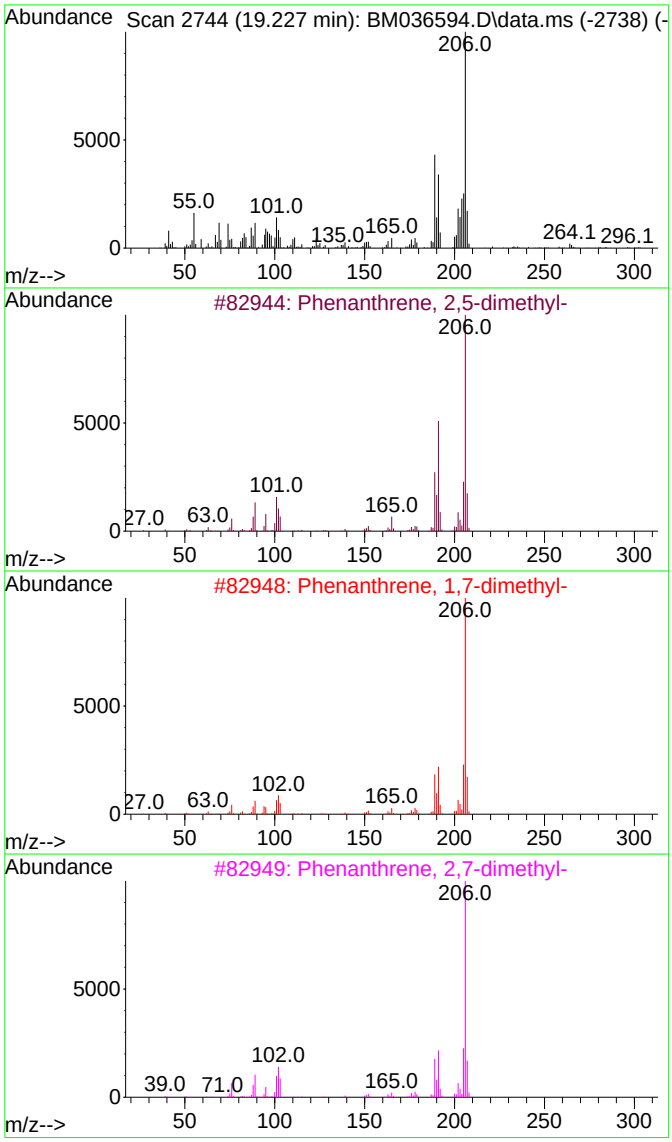
Quant Title : SVOA CALIBRATION

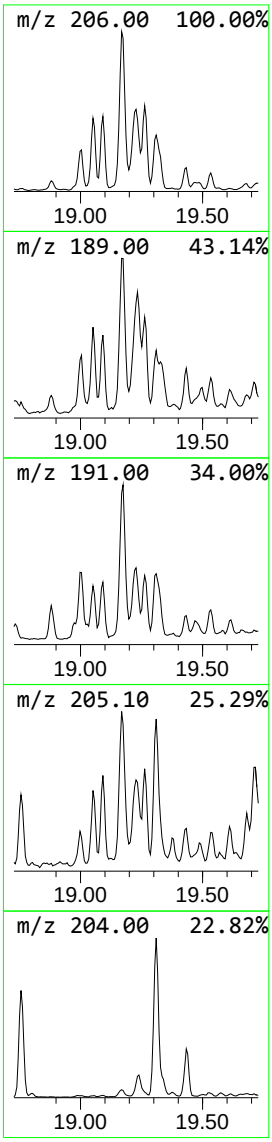
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	3.73 ng/ul	1311090	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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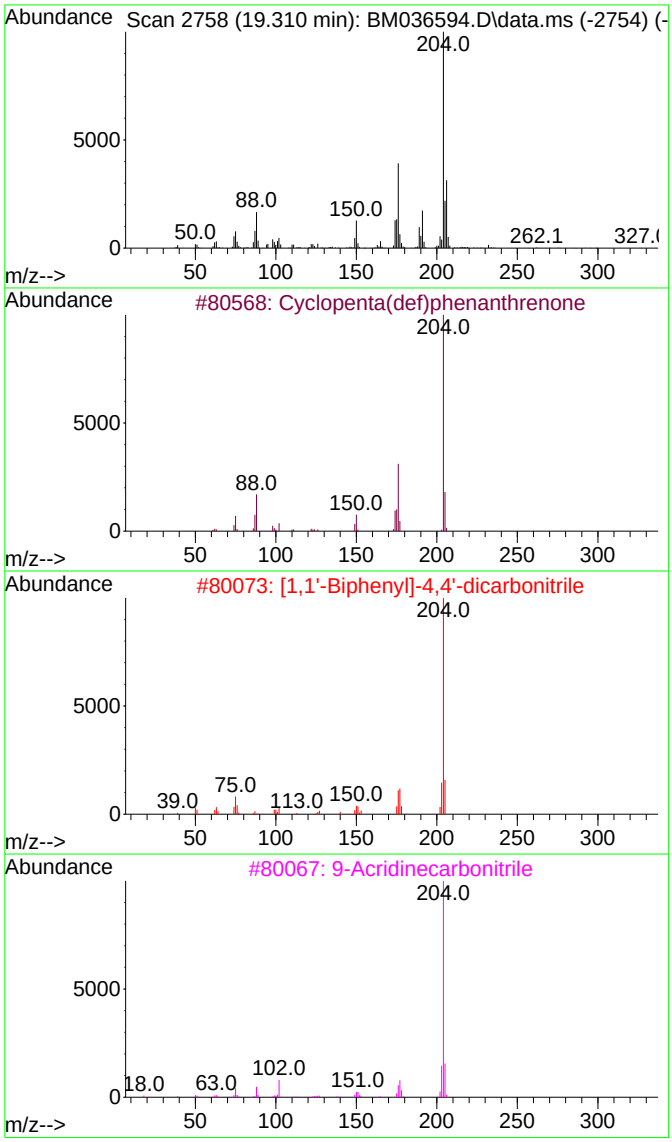
Quant Title : SVOA CALIBRATION

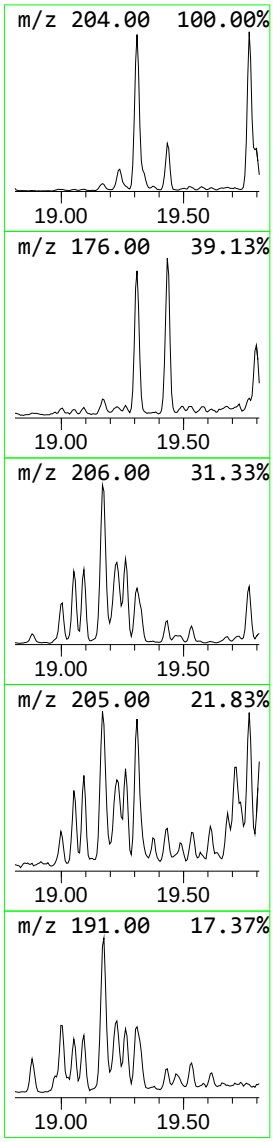
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	4.20 ng/ul	1473400	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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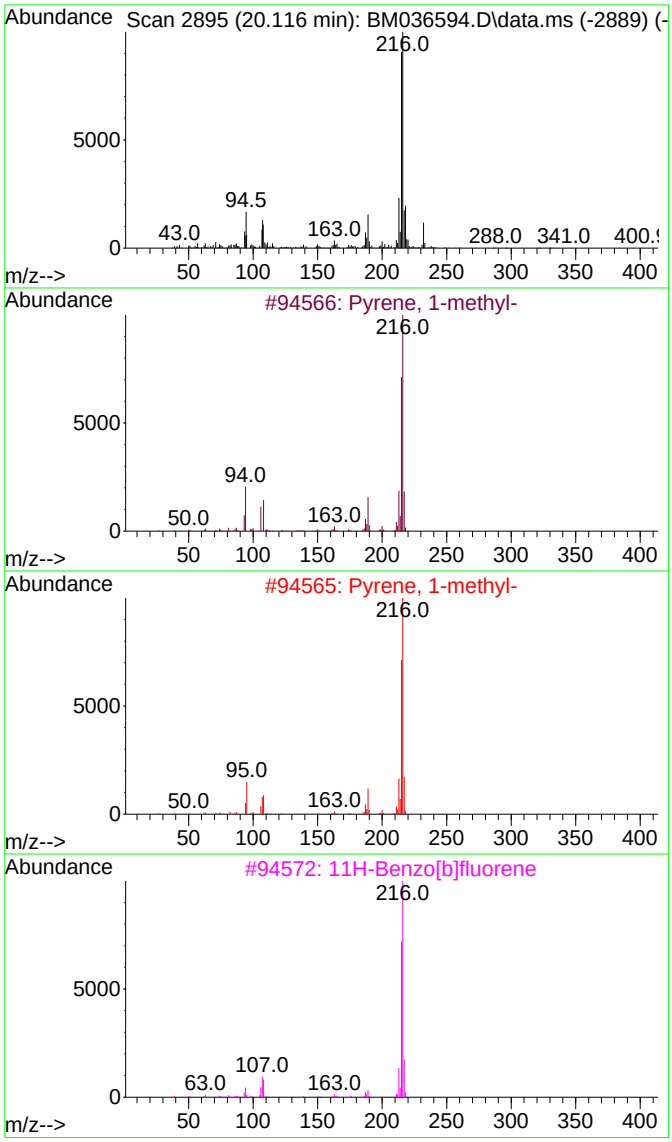
Quant Title : SVOA CALIBRATION

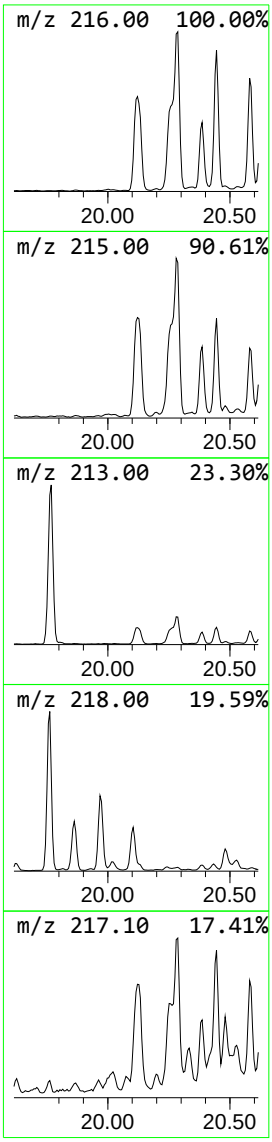
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	3.14 ng/ul	2759350	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86





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Sample : N4604-20
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ALS Vial : 22 Sample Multiplier: 1

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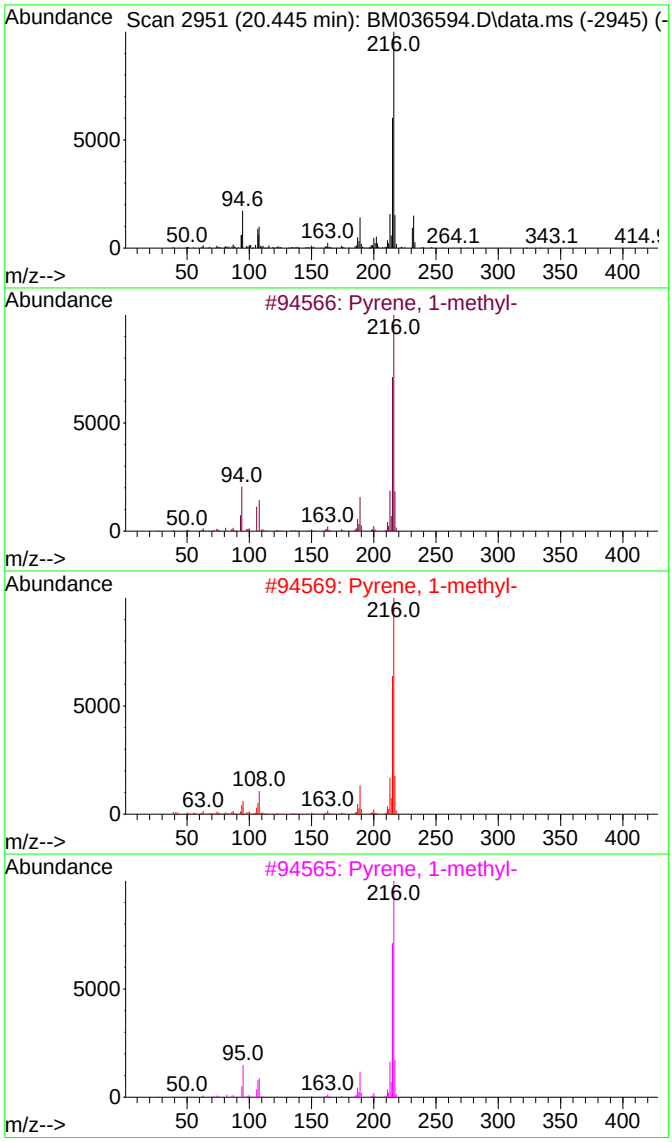
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

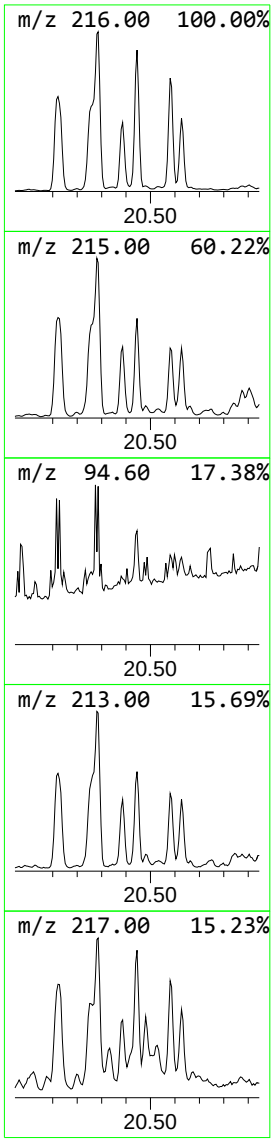
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	2.29 ng/ul	2012080	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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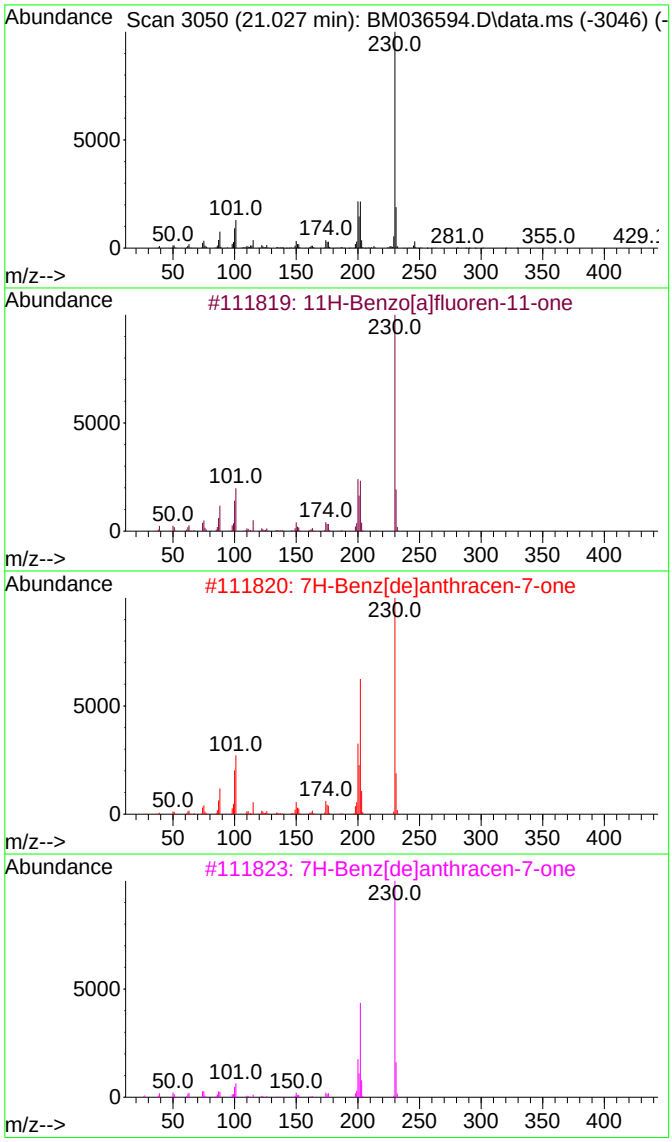
Quant Title : SVOA CALIBRATION

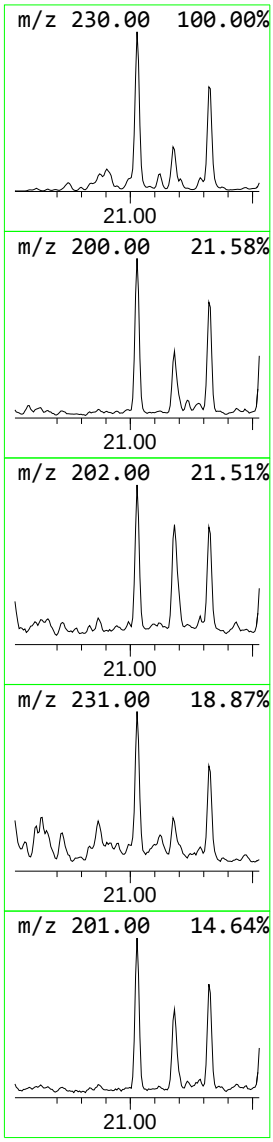
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	2.77 ng/ul	2430850	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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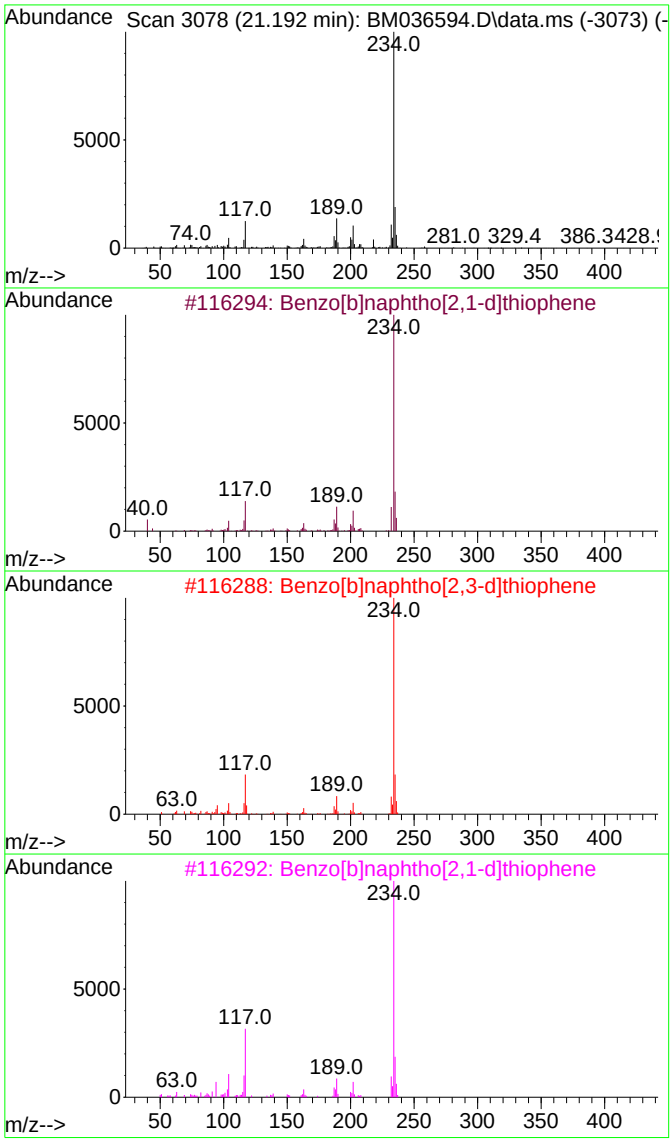
Quant Title : SVOA CALIBRATION

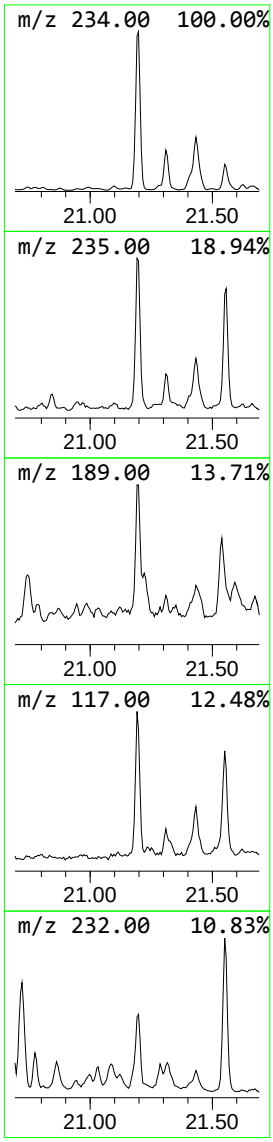
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.09 ng/ul	1839380	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95





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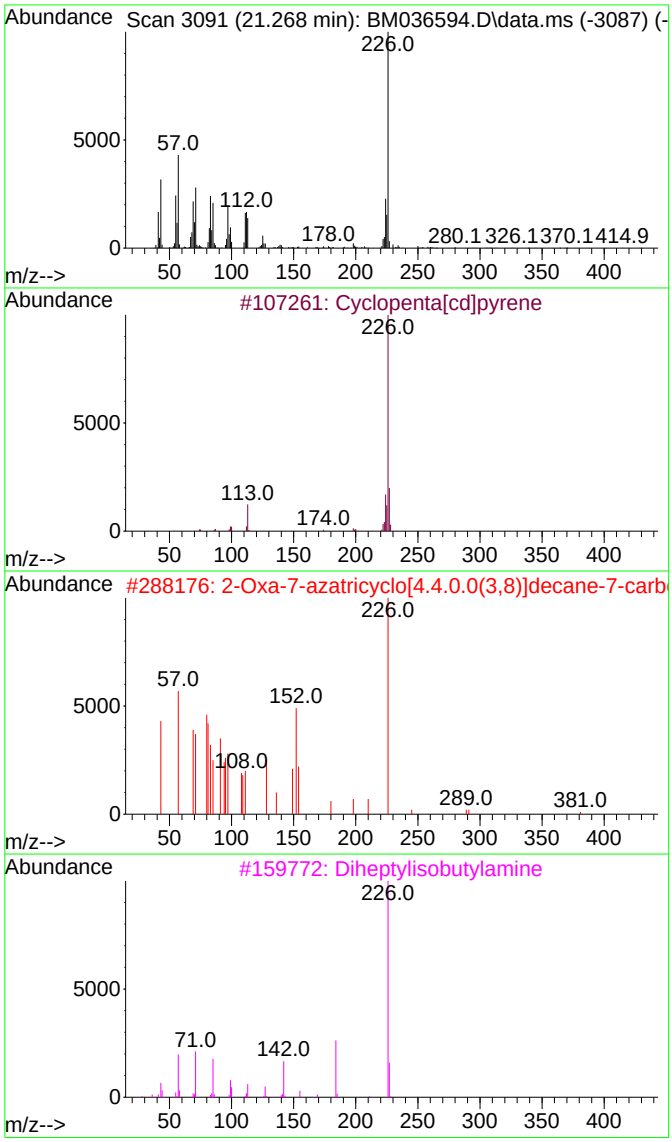
Quant Title : SVOA CALIBRATION

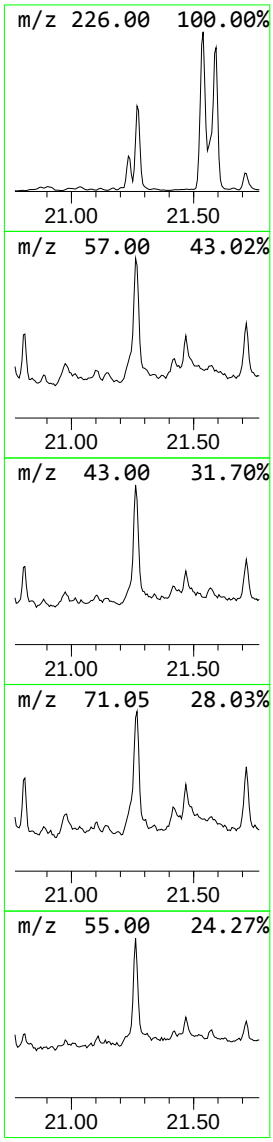
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.268	4.27 ng/ul	3747080	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	2-Oxa-7-azatricyclo[4.4.0.0(3,8)...	381	C18H23NO6S	055905-56-1	40
3	Diheptylisobutylamine	269	C18H39N	1000310-32-0	28
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	23
5	Nonylamine, N,N-dipentyl-	283	C19H41N	1000421-72-9	17





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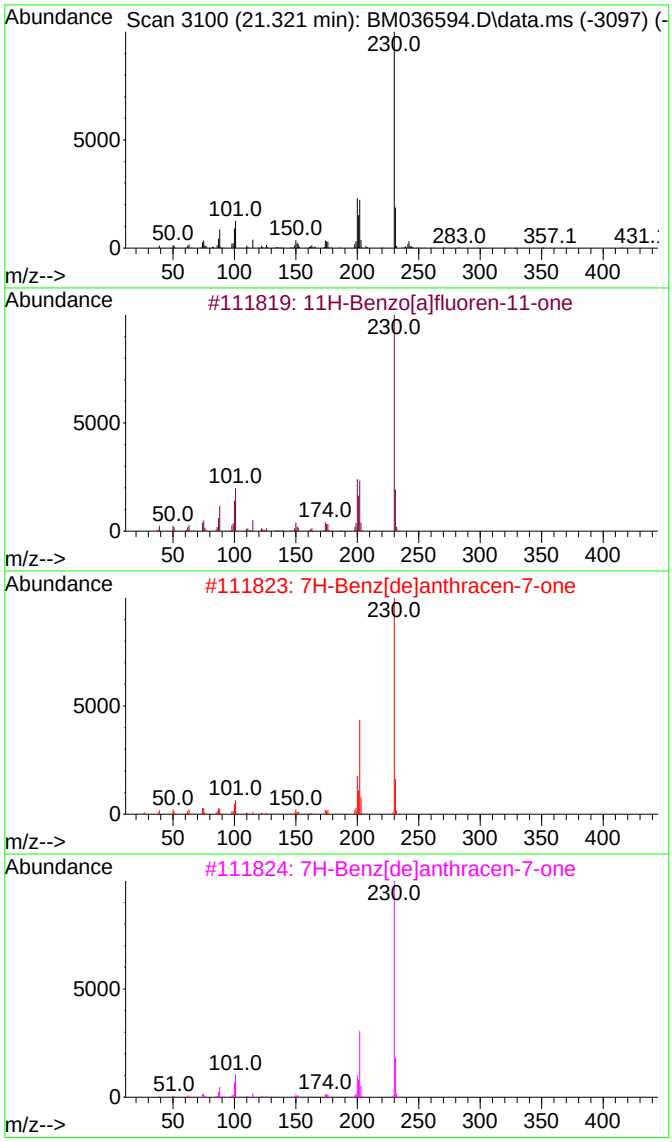
Quant Title : SVOA CALIBRATION

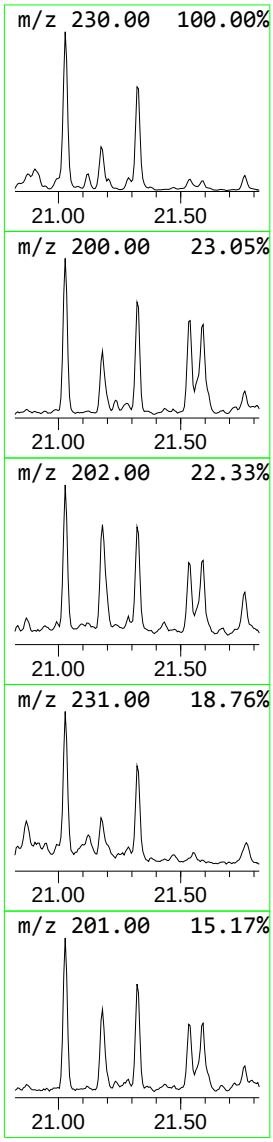
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.27 ng/ul	1993680	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

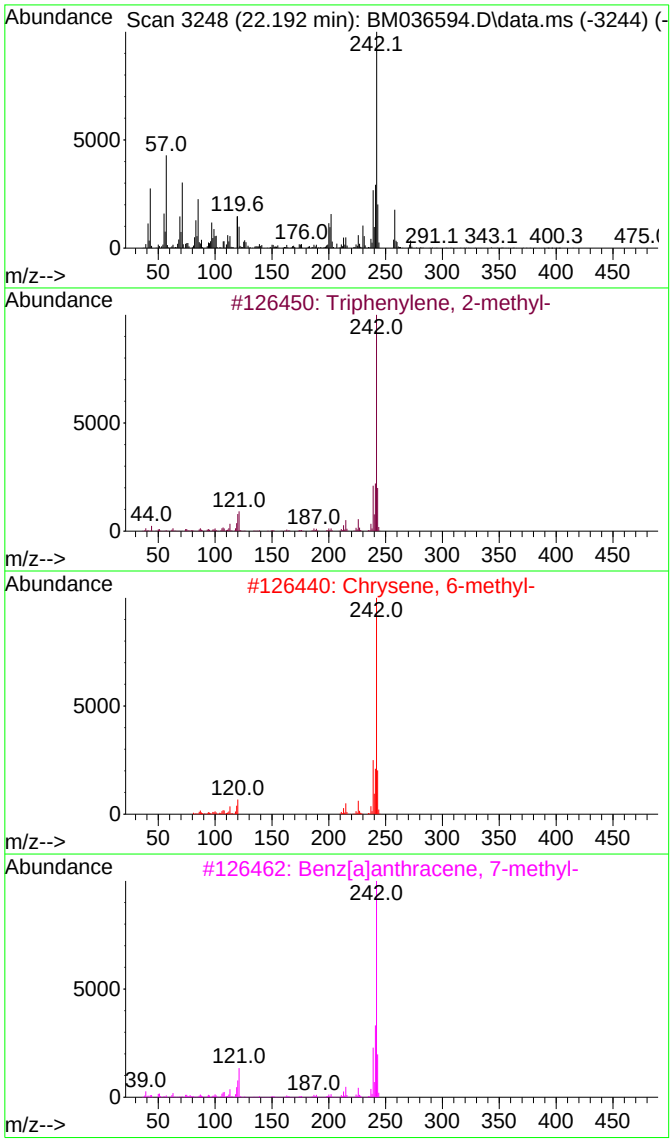
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

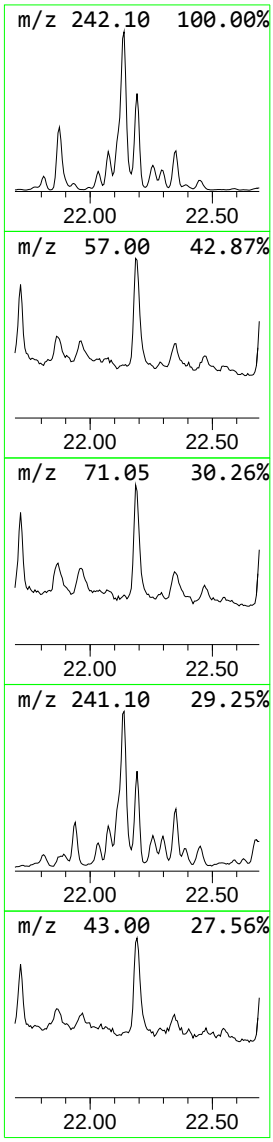
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.192	2.94 ng/ul	2577350	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	92
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	91
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





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Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

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

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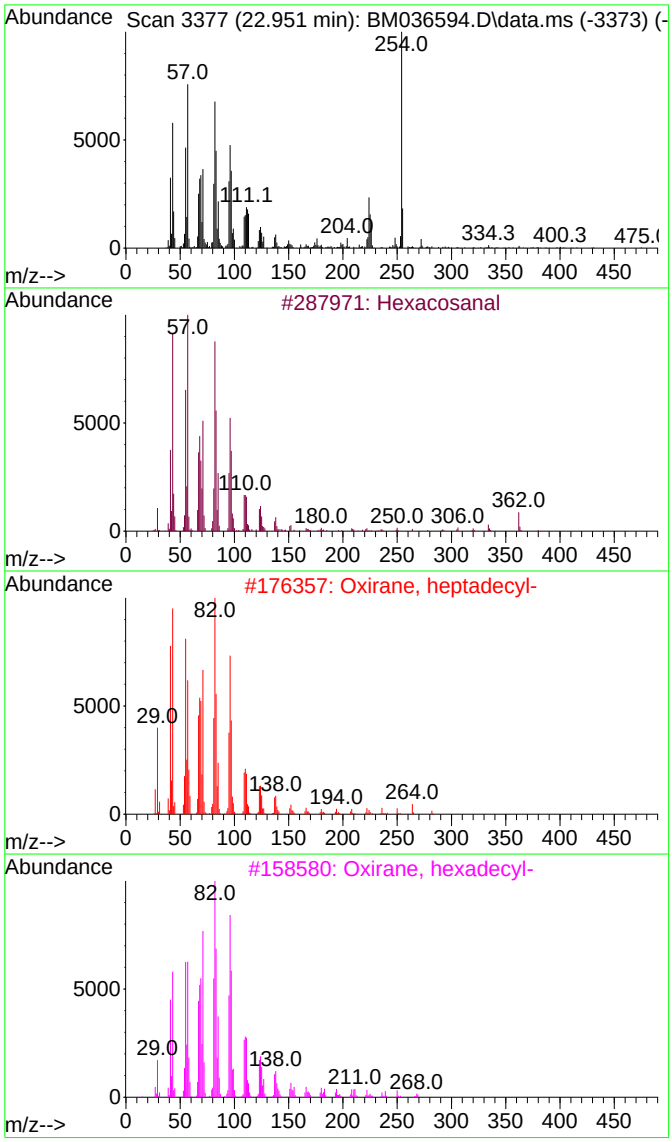
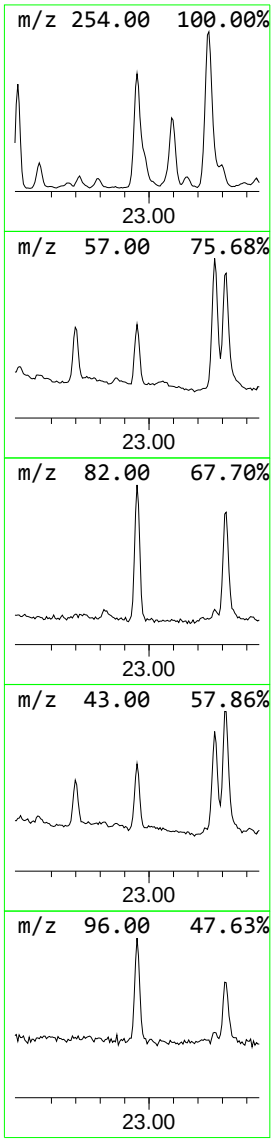
Peak Number 18 Hexacosanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.951	8.98 ng/ul	2545320	Perylene-d12	23.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	89
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	60
4	Octadecanal	268	C18H36O	000638-66-4	60
5	Eicosanal-	296	C20H40O	002400-66-0	55





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Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

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

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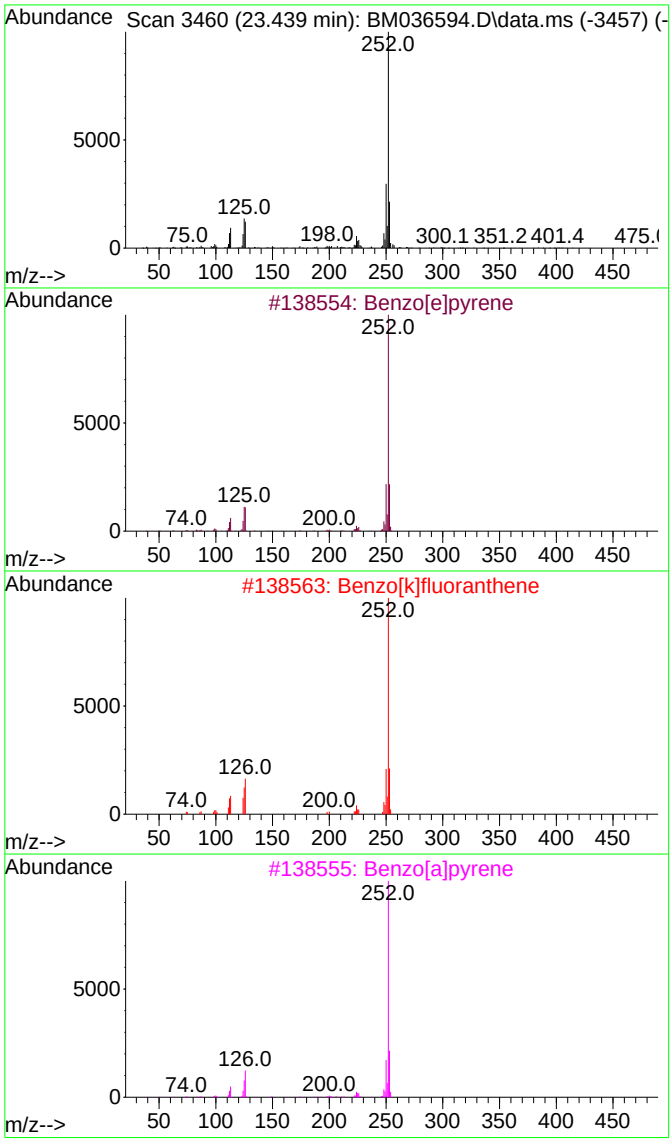
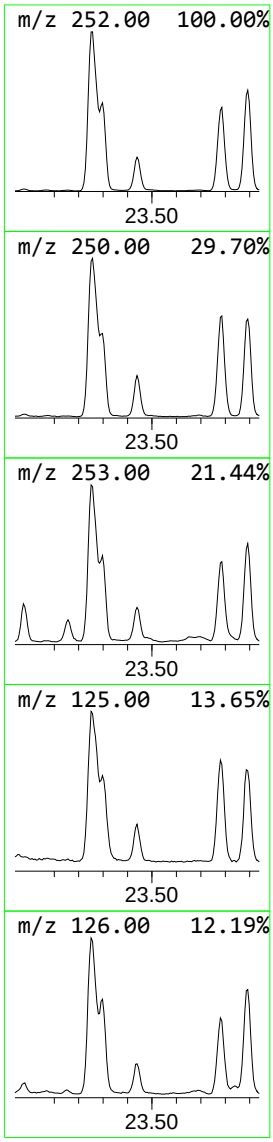
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.439	5.09 ng/ul	1441540	Perylene-d12	23.998

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[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

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

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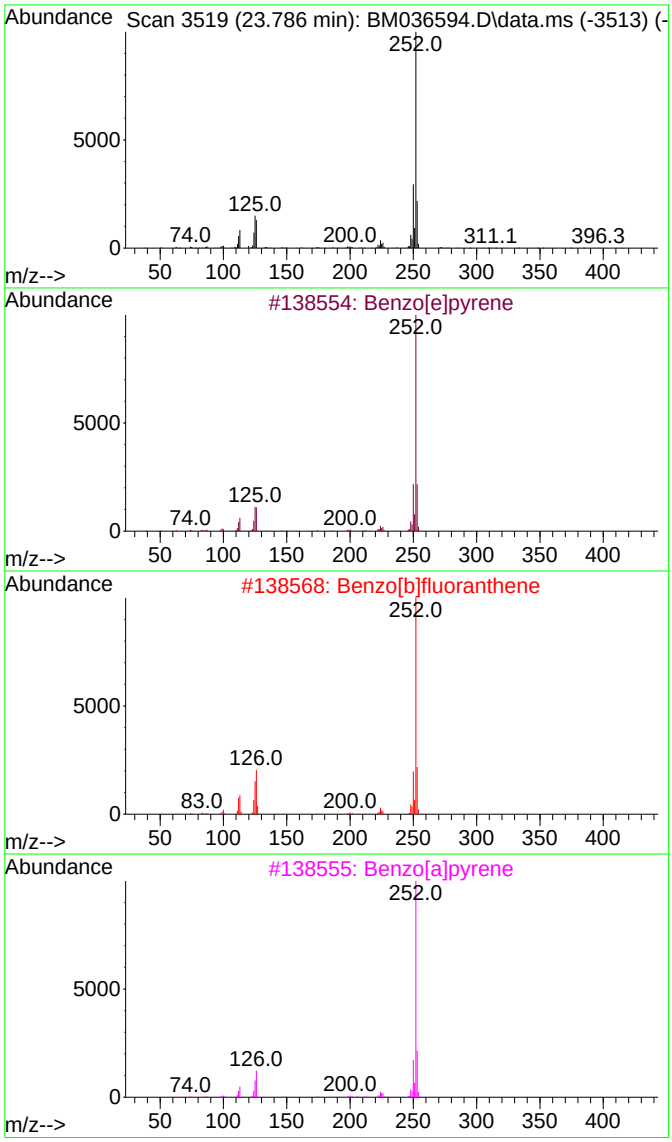
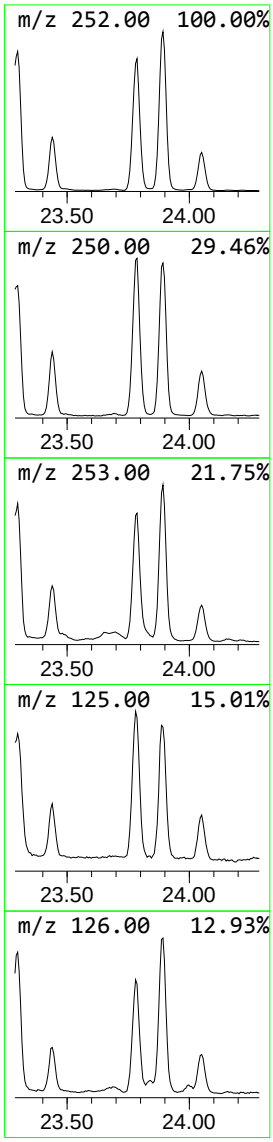
Peak Number 20 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.786	12.11 ng/ul	3433500	Perylene-d12	23.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

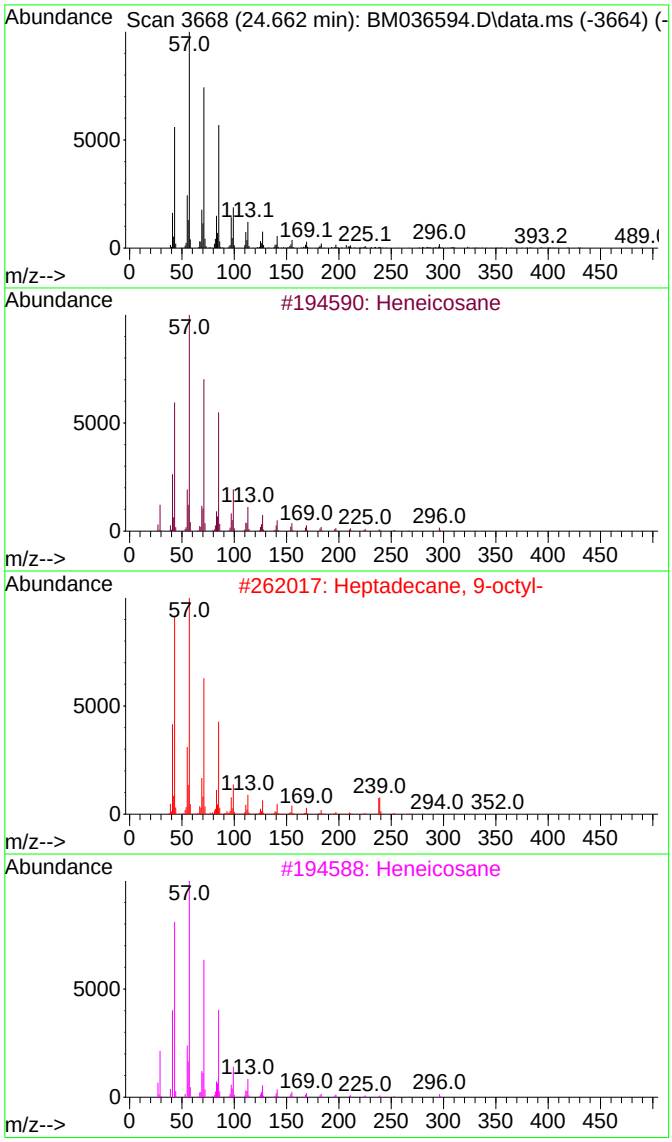
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

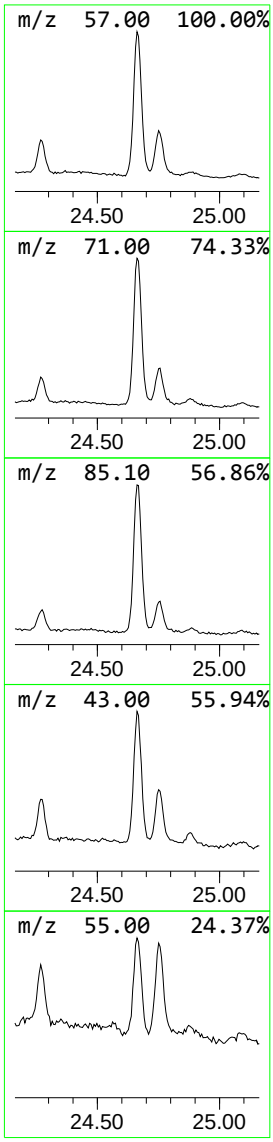
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.662	6.03 ng/ul	1710080	Perylene-d12	23.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heneicosane	296	C21H44	000629-94-7	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036594.D
Acq On : 19 Sep 2022 23:36
Operator : CG/JU
Sample : N4604-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5780

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	127.6	ng/ul	18434500	1	8.028	2890260	20.0
2-Pentanone, 4-...	5.105	3.2	ng/ul	456417	1	8.028	2890260	20.0
Ethanol, 1-(2-b...	10.610	4.6	ng/ul	1044380	2	10.840	4512920	20.0
(E)-2-(Hepta-2,...	18.221	7.1	ng/ul	2481980	4	17.386	7021970	20.0
n-Hexadecanoic ...	18.286	4.3	ng/ul	1516110	4	17.386	7021970	20.0
Phenanthrene, 1...	18.451	4.6	ng/ul	1613120	4	17.386	7021970	20.0
Anthracene, 1-m...	18.492	2.1	ng/ul	744763	4	17.386	7021970	20.0
Phenanthrene, 2...	19.169	3.8	ng/ul	1329590	4	17.386	7021970	20.0
Phenanthrene, 1...	19.227	3.7	ng/ul	1311090	4	17.386	7021970	20.0
Cyclopenta(def)...	19.310	4.2	ng/ul	1473400	4	17.386	7021970	20.0
Pyrene, 1-methyl-	20.116	3.1	ng/ul	2759350	5	21.551	17562000	20.0
Fluoranthene, 2...	20.445	2.3	ng/ul	2012080	5	21.551	17562000	20.0
11H-Benzo[a]flu...	21.027	2.8	ng/ul	2430850	5	21.551	17562000	20.0
Benzo[b]naphtho...	21.192	2.1	ng/ul	1839380	5	21.551	17562000	20.0
Cyclopenta[cd]p...	21.268	4.3	ng/ul	3747080	5	21.551	17562000	20.0
7H-Benz[de]anth...	21.321	2.3	ng/ul	1993680	5	21.551	17562000	20.0
Triphenylene, 2...	22.192	2.9	ng/ul	2577350	5	21.551	17562000	20.0
Hexacosanal	22.951	9.0	ng/ul	2545320	6	23.998	5668590	20.0
Benzo[e]pyrene	23.439	5.1	ng/ul	1441540	6	23.998	5668590	20.0
unknown-01	23.786	12.1	ng/ul	3433500	6	23.998	5668590	20.0
(DEL) Alkane: S...	24.662	6.0	ng/ul	1710080	6	23.998	5668590	20.0