LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0FN3

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_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.322	36	40	52	rVB	67615	97283	1.23%	0.097%
2	3.734	106	110	125	rBV	410313	703963	8.89%	0.698%
3	3.846	125	129	135	rVV	155595	207910	2.62%	0.206%
4	4.281	198	203	222	rBV2	167297	286408	3.62%	0.284%
5	4.693	267	273	284	rBV2	78306	139531	1.76%	0.138%
6	7.040	665	672	686	rVB	859229	1430203	18.06%	1.419%
7	7.216	695	702	715	rBV	732322	1204933	15.21%	1.195%
8	7.399	726	733	744	rVV	918242	1438769	18.16%	1.427%
9	7.869	805	813	820	rBV	829727	1308883	16.52%	1.299%
10	8.581	927	934	944	rBV	698418	1123950	14.19%	1.115%
11	8.699	947	954	964	rVB	68799	132718	1.68%	0.132%
12	9.034	1004	1011	1019	rBV	813329	1357103	17.13%	1.346%
13	9.751	1124	1133	1142	rBV	605157	1029710	13.00%	1.022%
14	10.287	1215	1224	1233	rBV	910451	1501865	18.96%	1.490%
15	10.669	1277	1289	1297	rBV	1027136	1752065	22.12%	1.738%
16	10.816	1304	1314	1327	rBV	718315	1321703	16.69%	1.311%
17	13.416	1751	1756	1765	rBV	71260	126757	1.60%	0.126%
18	13.934	1838	1844	1853	rBV	1364815	1869788	23.61%	1.855%
19	14.204	1883	1890	1900	rBV	1612818	2387018	30.14%	2.368%
20	14.510	1930	1942	1949	rBV	1168848	1821631	23.00%	1.807%
21	14.575	1949	1953	1962	rVB	76107	122259	1.54%	0.121%
22	14.722	1970	1978	1990	rBV	365380	635945	8.03%	0.631%
23	15.510	2105	2112	2117	rBV	1924778	2739557	34.59%	2.718%
24	15.563	2117	2121	2127	rVB	61812	102186	1.29%	0.101%
25	15.633	2127	2133	2140	rBV	363859	552159	6.97%	0.548%
26	16.922	2347	2352	2361	rVB2	48232	80893	1.02%	0.080%
27	17.022	2361	2369	2375	rBV2	72181	157592	1.99%	0.156%
28	17.080	2375	2379	2387	rVB	62784	99511	1.26%	0.099%
29	17.263	2403	2410	2414	rBV	1287790	1880950	23.75%	1.866%
30	17.310	2414	2418	2422	rVV	1559481	2170406	27.40%	2.153%
31	17.363	2422	2427	2431	rVV	1731679	2489418	31.43%	2.470%
32	17.398	2431	2433	2439	rVV	286776	352623	4.45%	0.350%
33	17.463	2439	2444	2449	rVB5	43349	87183	1.10%	0.086%
34	17.675	2469	2480	2490	rBV2	171599	348890	4.40%	0.346%
35	17.792	2495	2500	2505	rBV2	54898	79807	1.01%	0.079%
36	18.145	2550	2560	2563	rBV	211592	338238	4.27%	0.336%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

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_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

37	18.192	2563	2568	2575	rVV2	356888	717367	9.06%	0.712%
38	18.275	2575	2582	2587	rVV2	81392	137787	1.74%	0.137%
39	18.339	2587	2593	2597	rVV3	428789	733871	9.26%	0.728%
40	18.375	2597	2599	2607	rVB	173566	221909	2.80%	0.220%
41	18.498	2617	2620	2624	rVV4	50619	77819	0.98%	0.077%
42	18.651	2642	2646	2649	rVV	216600	298531	3.77%	0.296%
43	18.692	2649	2653	2659	rVV	237567	322796	4.08%	0.320%
44	18.898	2684	2688	2692	rVB3	64069	79084	1.00%	0.078%
45	18.986	2699	2703	2707	rBV2	65146	86751	1.10%	0.086%
46	19.069	2711	2717	2722	rBV3	177513	319781	4.04%	0.317%
47	19.133	2722	2728	2731	rBV4	83087	142834	1.80%	0.142%
48	19.204	2736	2740	2748	rVV	256049	470874	5.94%	0.467%
49	19.333	2755	2762	2769	rVV	5493782	7576660	95.65%	7.517%
50	19.404	2770	2774	2775	rVV	61697	82625	1.04%	0.082%
51	19.427	2775	2778	2781	rVV	95348	137267	1.73%	0.136%
52	19.463	2781	2784	2789	rVV3	96013	140804	1.78%	0.140%
53	19.533	2790	2796	2798	rVV4	71610	145231	1.83%	0.144%
54	19.574	2799	2803	2806	rVV2	131269	227920	2.88%	0.226%
55	19.610	2806	2809	2813	rVV3	71032	106997	1.35%	0.106%
56	19.663	2813	2818	2821	rVV2	2927500	4728043	59.69%	4.691%
57	19.692	2821	2823	2831	rVV	4238673	5338102	67.39%	5.296%
58	19.763	2831	2835	2842	rVB3	240224	358928	4.53%	0.356%
59	19.874	2848	2854	2859	rBV	333089	454612	5.74%	0.451%
60	19.933	2859	2864	2869	rVB	230322	356014	4.49%	0.353%
61	20.033	2872	2881	2886	rBV3	312231	804525	10.16%	0.798%
62	20.157	2896	2902	2903	rBV3	269962	417563	5.27%	0.414%
63	20.192	2904	2908	2913	rVB	564347	858250	10.84%	0.852%
64	20.292	2921	2925	2928	rBV	291949	349695	4.41%	0.347%
65	20.345	2928	2934	2938	rVV2	466496	813803	10.27%	0.807%
66	20.386	2938	2941	2945	rVV	248284	303810	3.84%	0.301%
67	20.433	2945	2949	2953	rVB	110963	154763	1.95%	0.154%
68	20.486	2954	2958	2962	rBV	227763	302809	3.82%	0.300%
69	20.533	2962	2966	2971	rBV3	249892	384470	4.85%	0.381%
70	20.745	2998	3002	3003	rBV2	63763	78286	0.99%	0.078%
71	20.780	3005	3008	3012	rVV3	91543	152531	1.93%	0.151%
72	20.833	3013	3017	3020	rVB2	101915	141147	1.78%	0.140%
73	20.904	3025	3029	3031	rBV4	67947	94118	1.19%	0.093%
74	20.939	3031	3035	3043	rVB	600290	856867	10.82%	0.850%
75	21.110	3057	3064	3067	rBV2	478372	873341	11.03%	0.866%
76	21.151	3067	3071	3073	rVV	503430	657448	8.30%	0.652%

LSC Area Percent Report

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Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

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_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

77	21.192	3073	3078	3082	rVV3	628612	1252727	15.82%	1.243%
78	21.239	3082	3086	3092	rVB2	677346	941808	11.89%	0.934%
79	21.351	3098	3105	3110	rBV	157881	353242	4.46%	0.350%
80	21.451	3113	3122	3128	rVV3	3840912	7921034	100.00%	7.859%
81	21.504	3128	3131	3141	rVB	3249862	4295237	54.23%	4.261%
82	21.621	3147	3151	3158	rBV	319603	457854	5.78%	0.454%
83	21.780	3174	3178	3185	rBV2	176373	326418	4.12%	0.324%
84	21.839	3185	3188	3192	rVB3	111391	137775	1.74%	0.137%
85	21.980	3209	3212	3215	rBV	100359	138193	1.74%	0.137%
86	22.039	3218	3222	3227	rVV	470461	676584	8.54%	0.671%
87	22.092	3227	3231	3238	rVB2	275561	463833	5.86%	0.460%
88	22.245	3253	3257	3260	rBV2	259281	370476	4.68%	0.368%
89	22.280	3260	3263	3269	rVB3	234569	317228	4.00%	0.315%
90	22.357	3270	3276	3284	rVB4	159516	387577	4.89%	0.385%
91	22.539	3303	3307	3312	rBV2	165247	286760	3.62%	0.285%
92	22.851	3352	3360	3367	rBV2	169852	519486	6.56%	0.515%
93	23.121	3398	3406	3411	rBV2	2749088	6803844	85.90%	6.750%
94	23.298	3431	3436	3442	rBV	339270	577247	7.29%	0.573%
95	23.445	3456	3461	3465	rBV2	165207	379043	4.79%	0.376%
96	23.627	3486	3492	3496	rBV	584130	1195229	15.09%	1.186%
97	23.686	3496	3502	3506	rVV2	1076051	2238483	28.26%	2.221%
98	23.733	3506	3510	3517	rVB	1243579	2244437	28.34%	2.227%
99	23.839	3521	3528	3533	rBV	1020663	2056727	25.97%	2.041%
100	26.286	3935	3944	3960	rVB3	713231	2465252	31.12%	2.446%

Sum of corrected areas: 100792335

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
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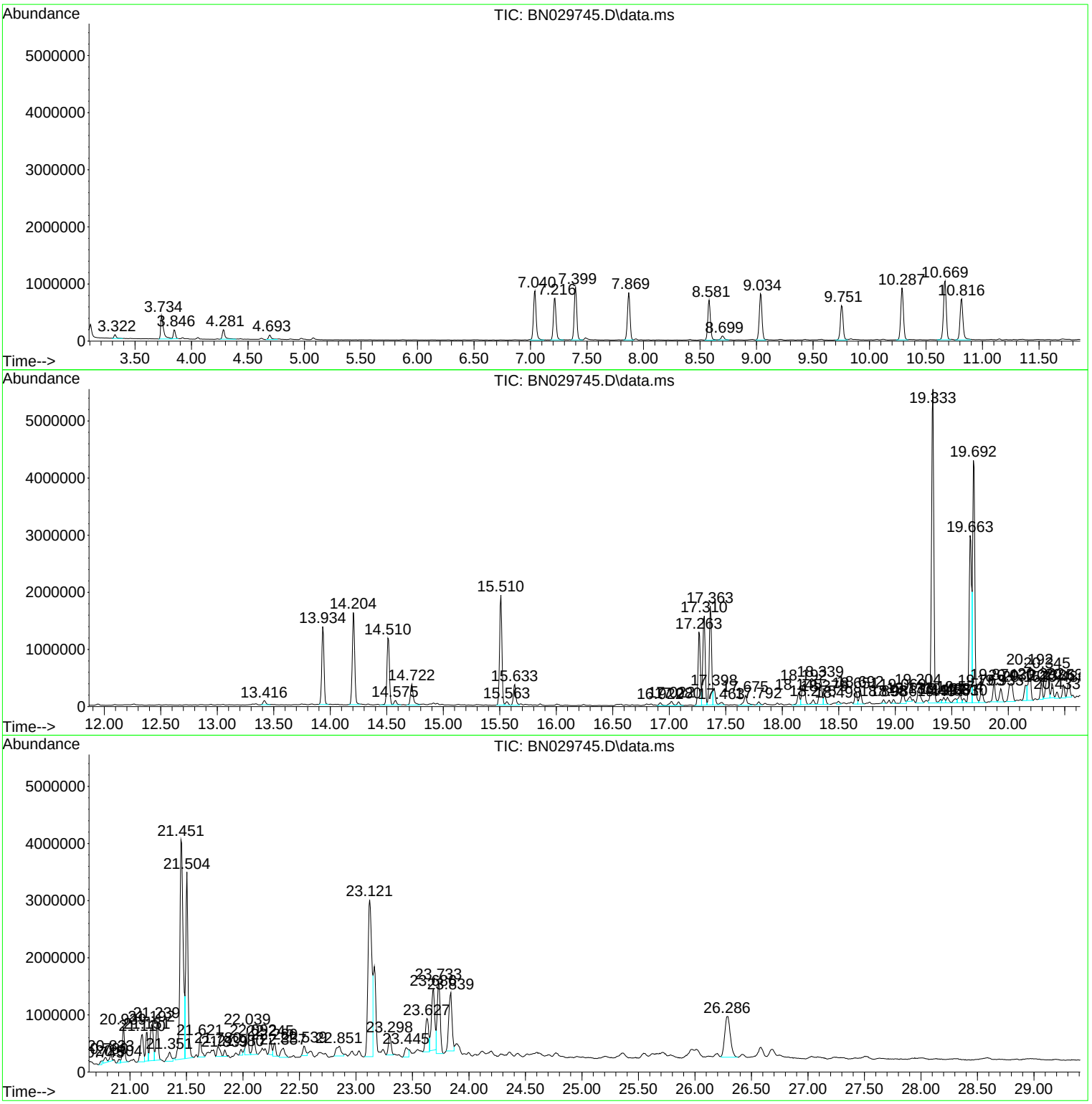
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

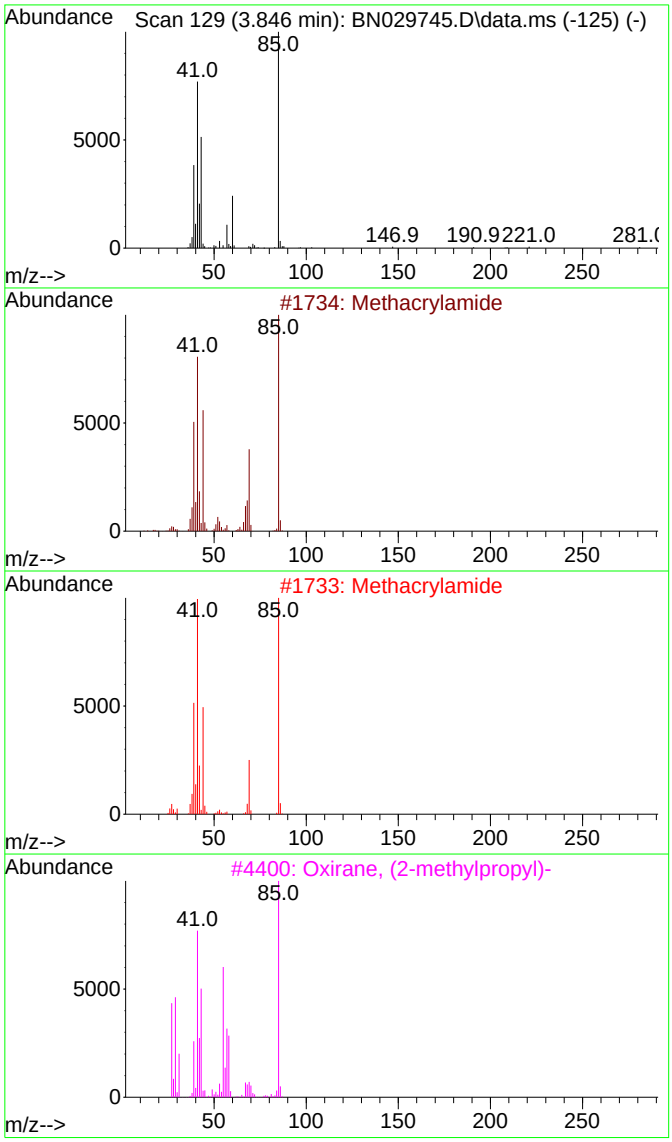
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

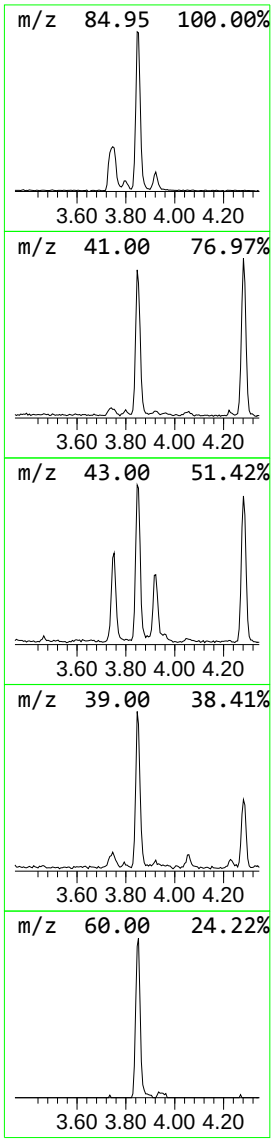
****

Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.846	3.18 ng/ul	207910	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	45
2	Methacrylamide	85	C4H7NO	000079-39-0	39
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	28
4	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	28
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

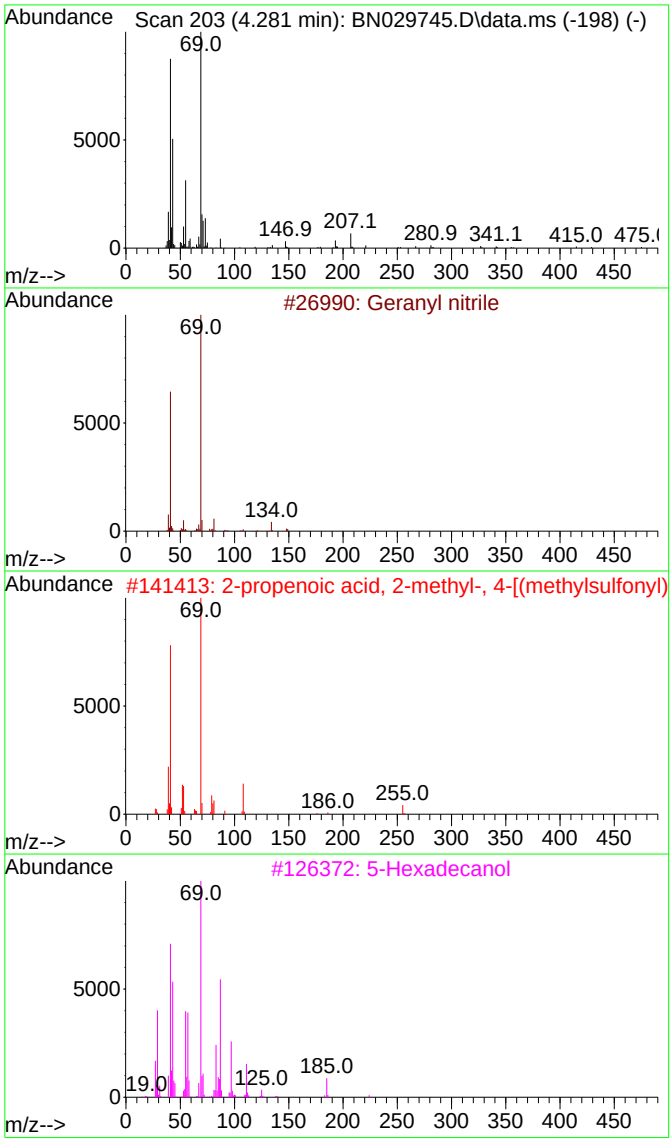
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

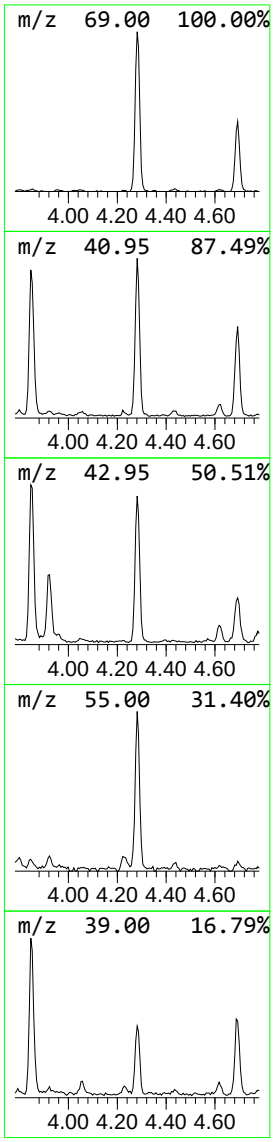
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.281	4.38 ng/ul	286408	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Geranyl nitrile	149	C10H15N	101660-61-1	38
2	2-propenoic acid, 2-methyl-, 4-[...	255	C11H13NO4S	1000401-46-9	38
3	5-Hexadecanol	242	C16H34O	021078-87-5	36
4	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	33
5	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

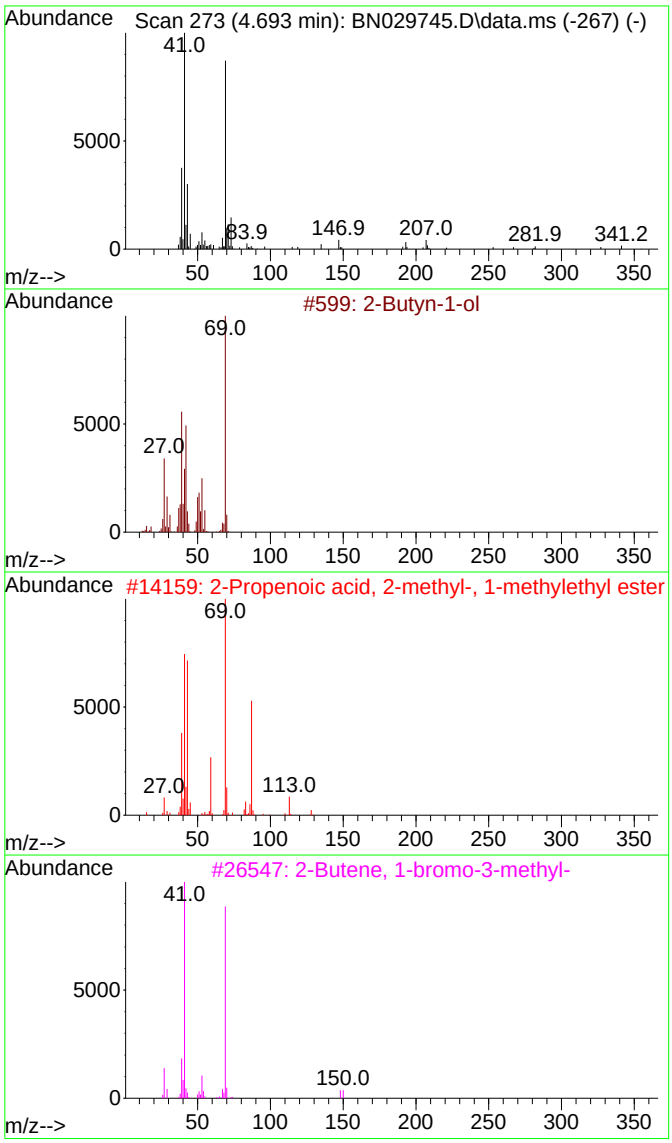
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

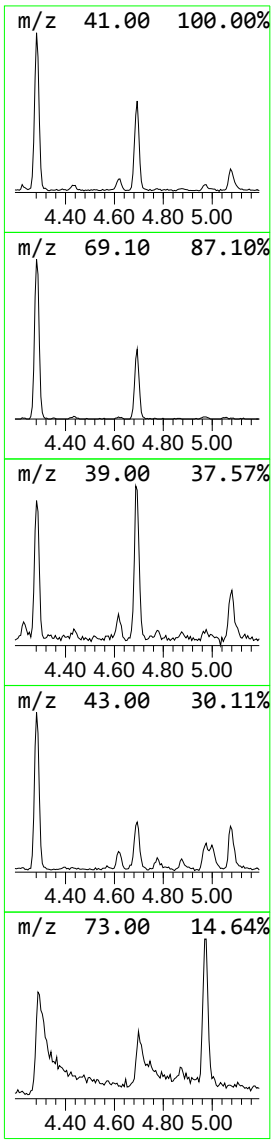
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.693	2.13 ng/ul	139531	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyn-1-ol	70	C4H6O	000764-01-2	42
2	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	42
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	42
4	Geranyl nitrile	149	C10H15N	101660-61-1	40
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

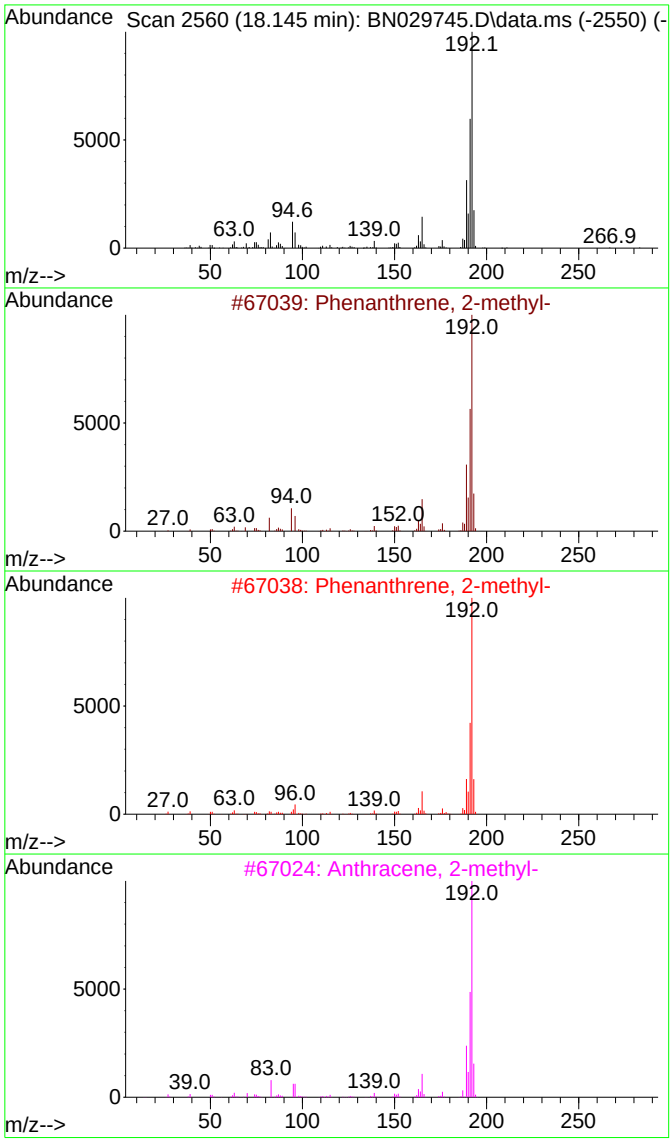
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

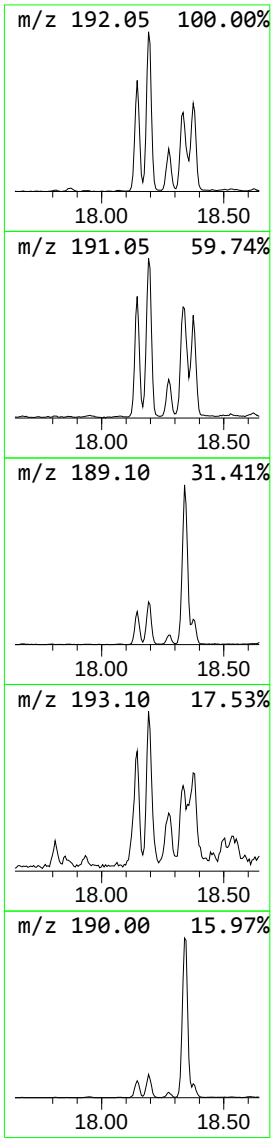
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	3.60 ng/ul	338238	Phenanthrene-d10	17.263

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	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

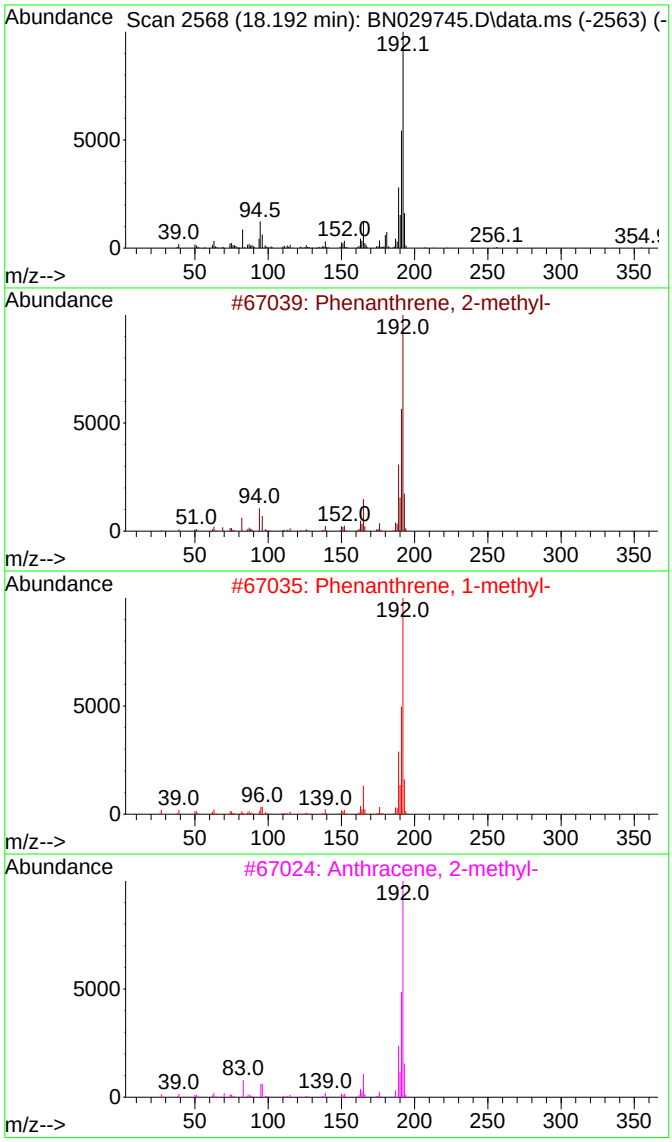
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

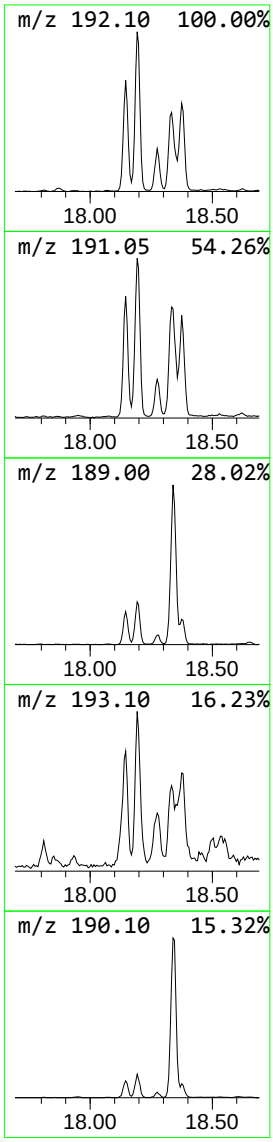
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	7.63 ng/ul	717367	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Sample : P1352-02
Misc :
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Instrument :
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ClientSampleId :
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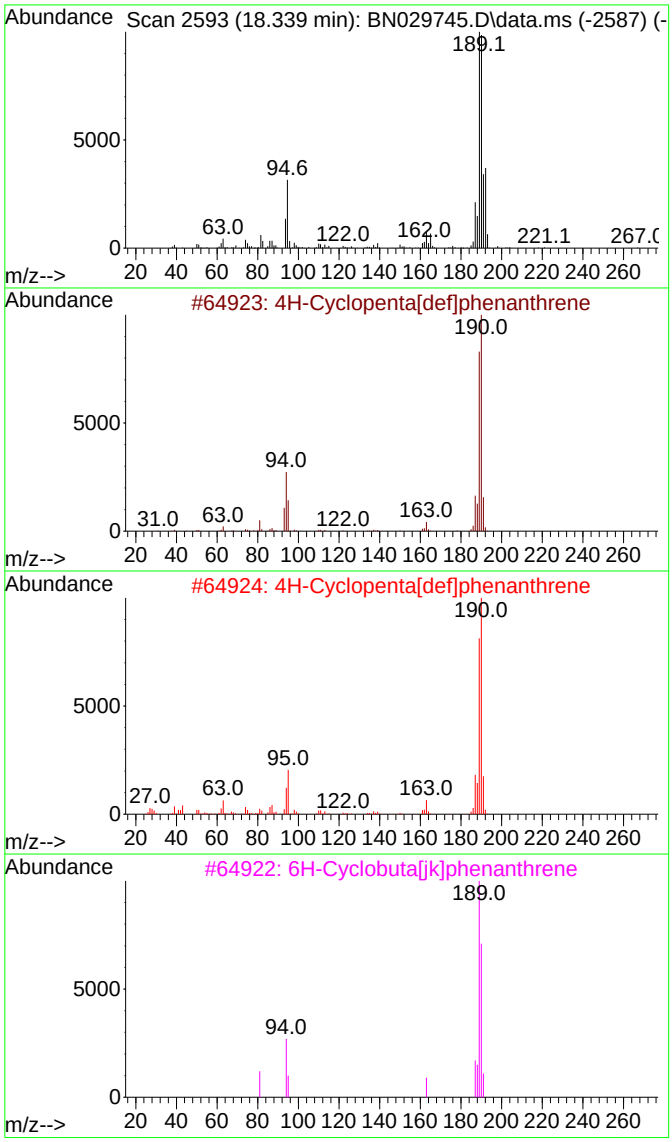
Quant Title : SVOA CALIBRATION

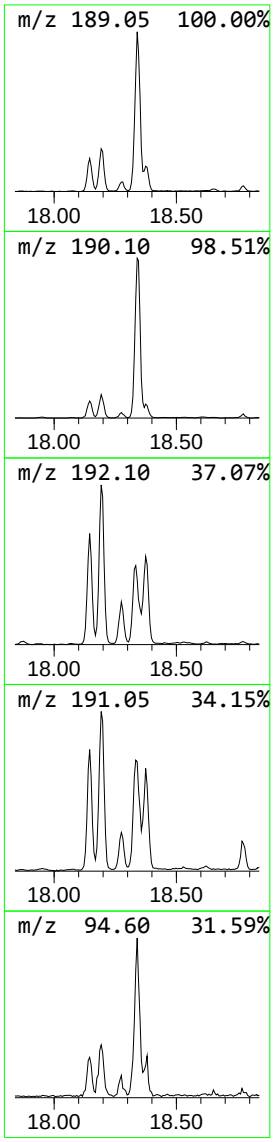
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	7.80 ng/ul	733871	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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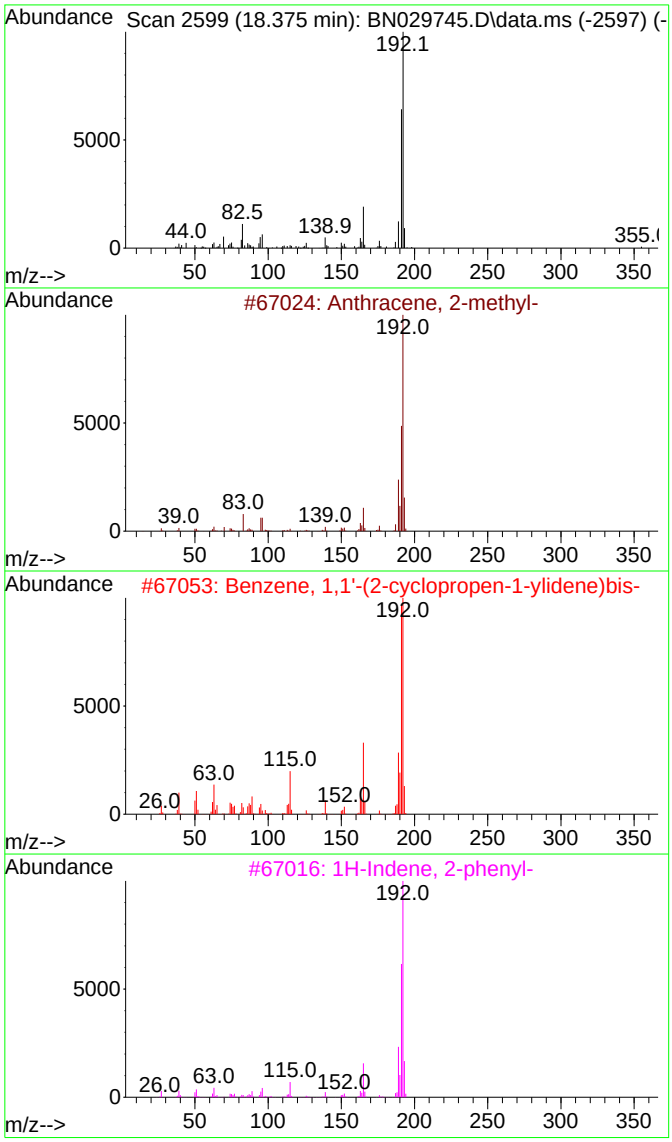
Quant Title : SVOA CALIBRATION

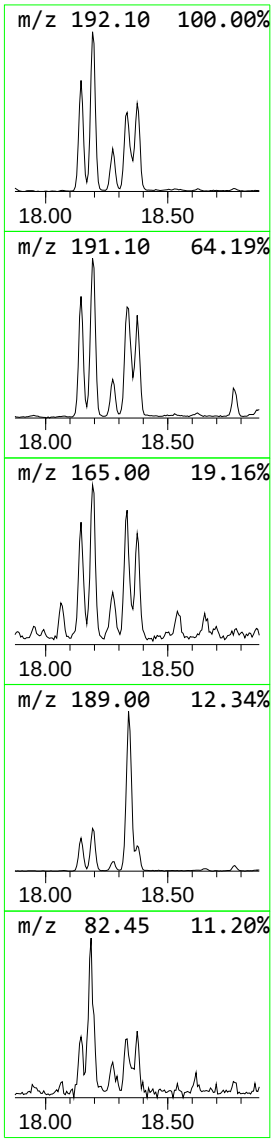
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	2.36 ng/ul	221909	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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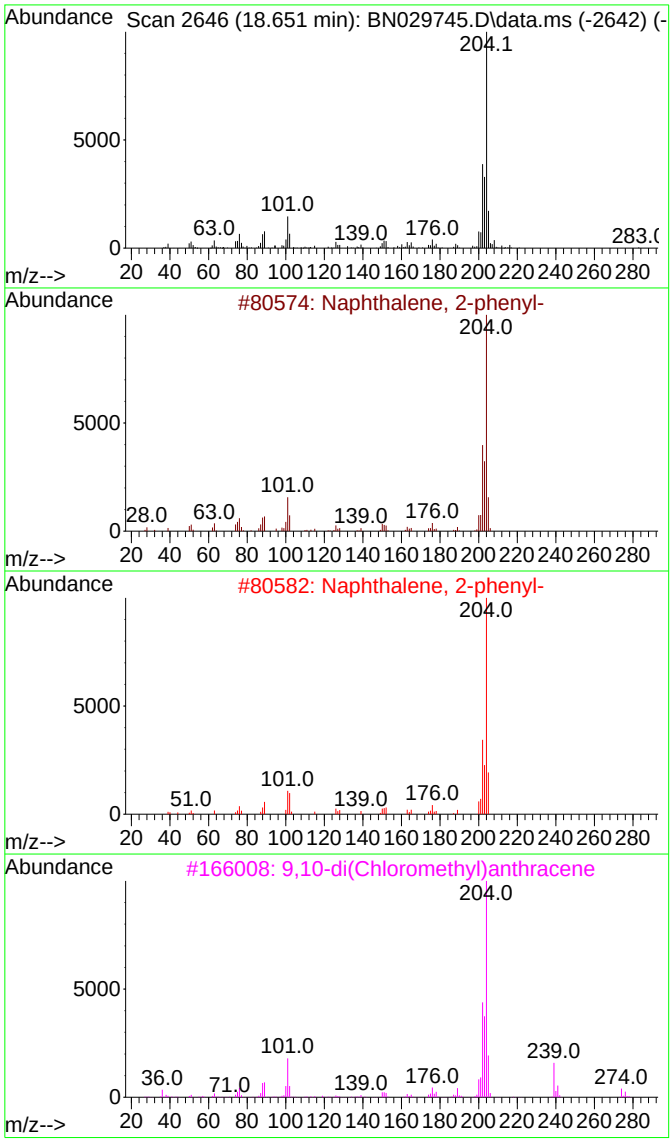
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

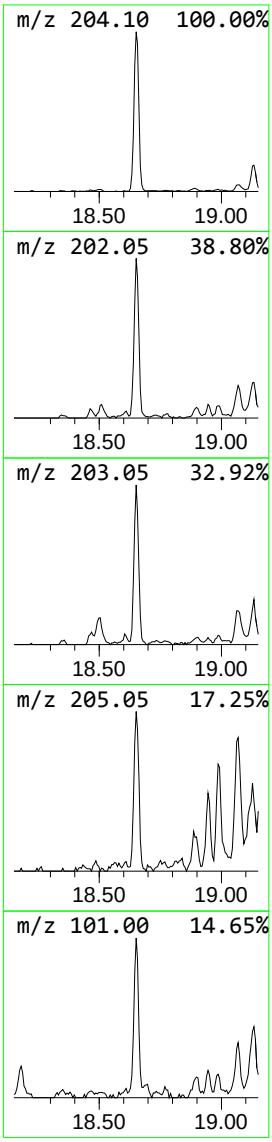
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	3.17 ng/ul	298531	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	97
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	91
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





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ClientSampleId :
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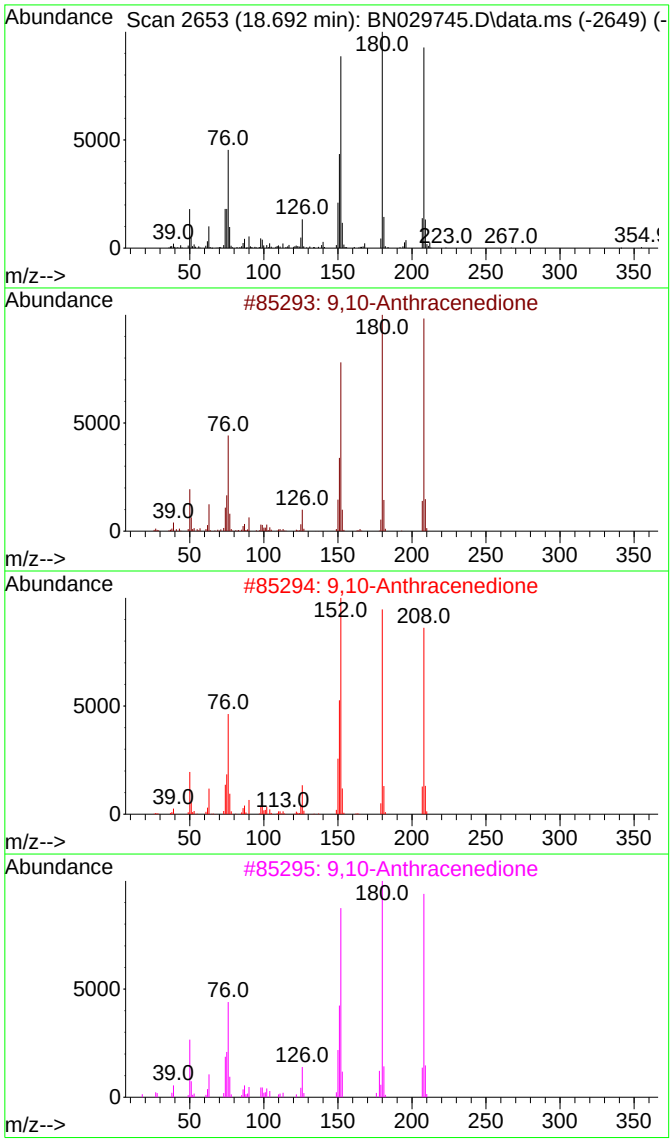
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

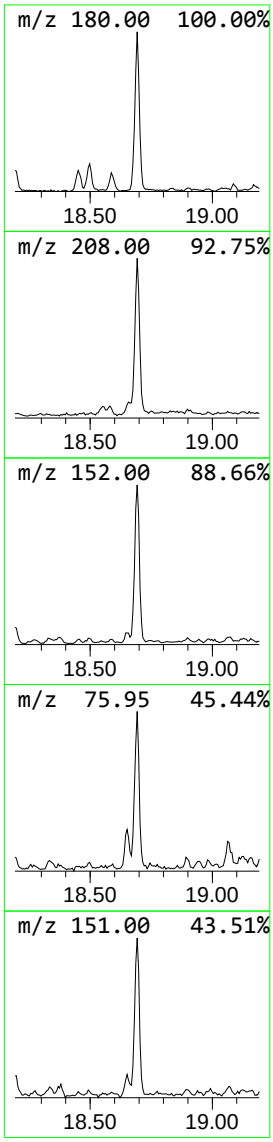
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	3.43 ng/ul	322796	Phenanthrene-d10	17.263

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	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





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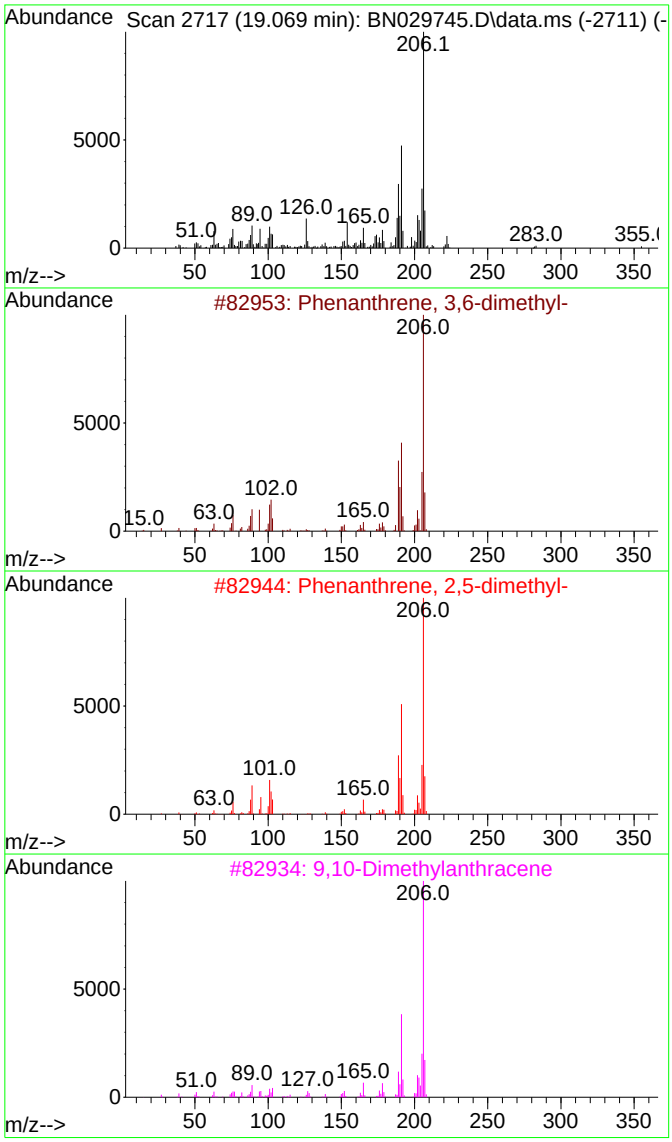
Quant Title : SVOA CALIBRATION

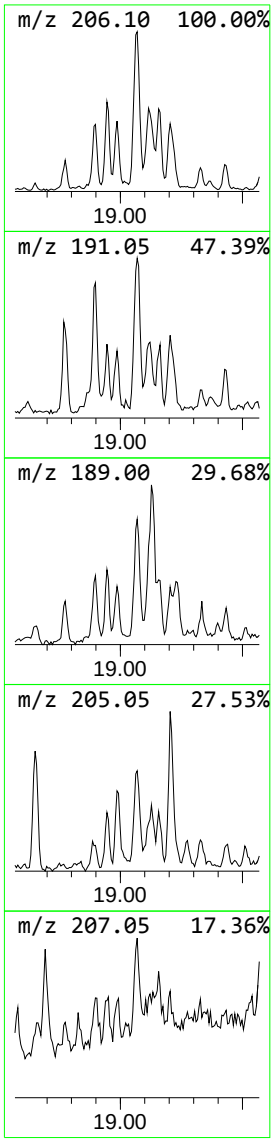
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	3.40 ng/ul	319781	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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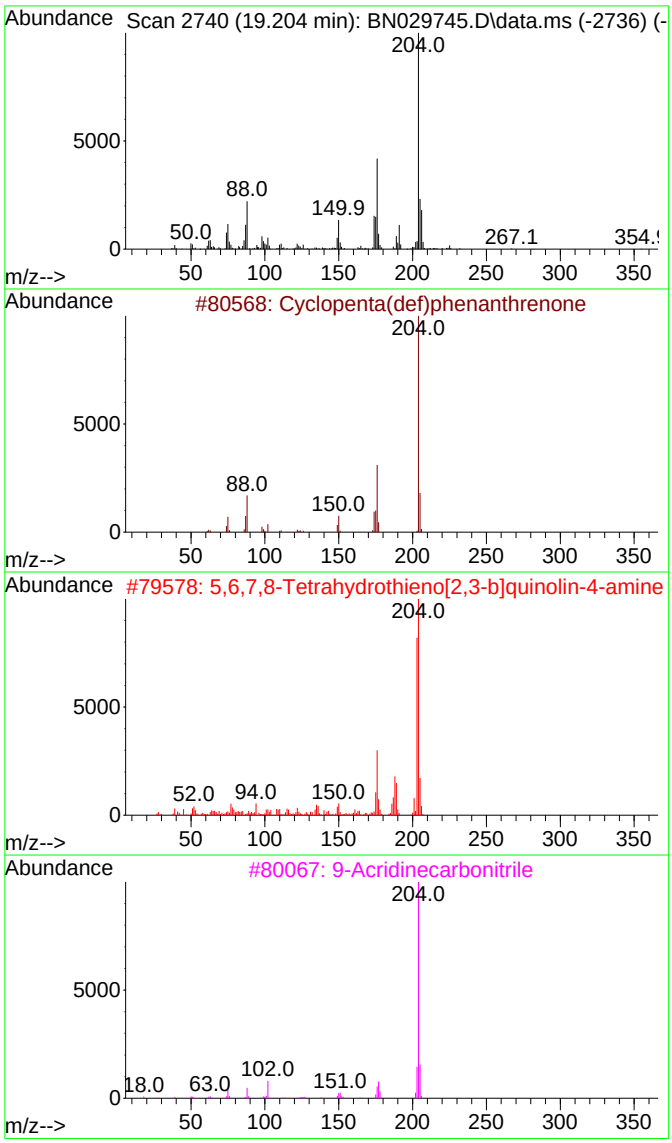
Quant Title : SVOA CALIBRATION

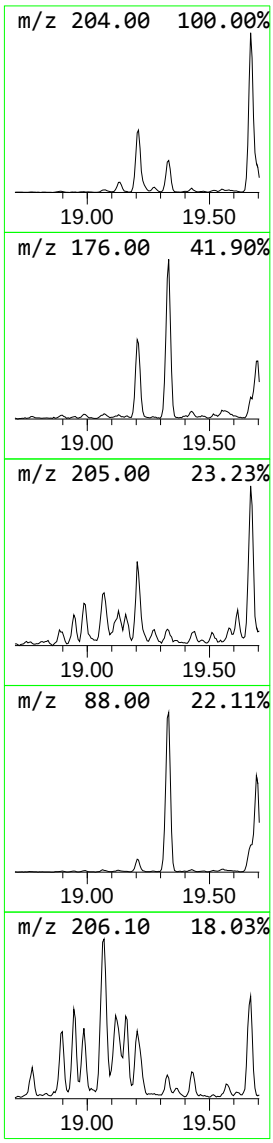
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	5.01 ng/ul	470874	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	38
5	.beta.-D-Glucopyranose, 5TMS der...	540	C21H52O6Si5	002775-90-8	38





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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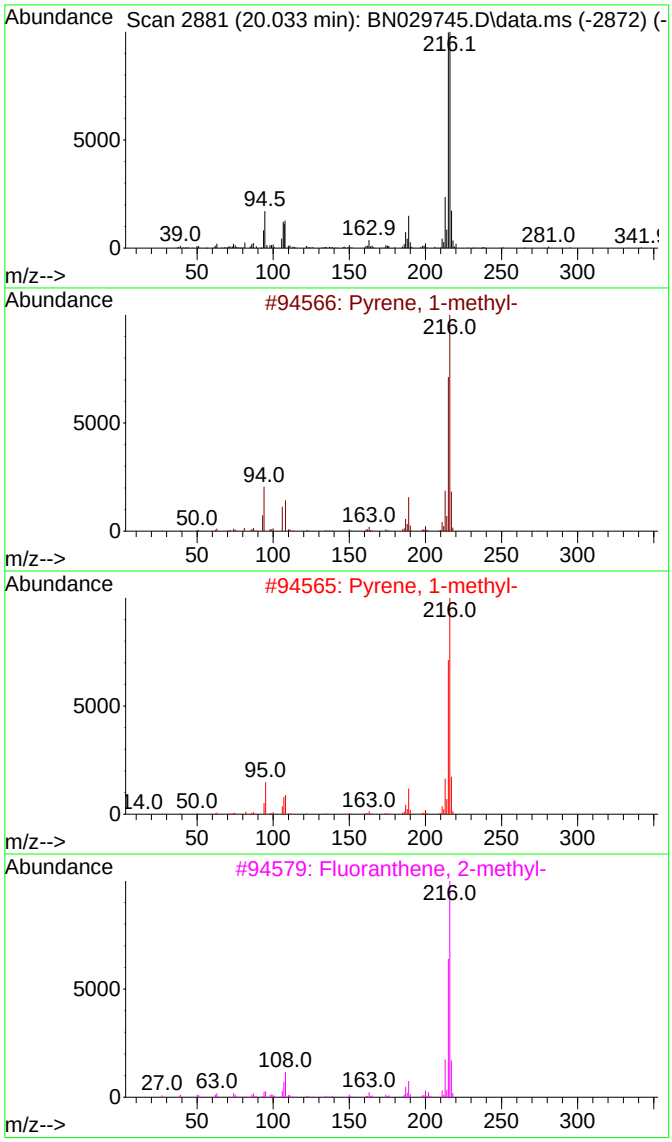
Quant Title : SVOA CALIBRATION

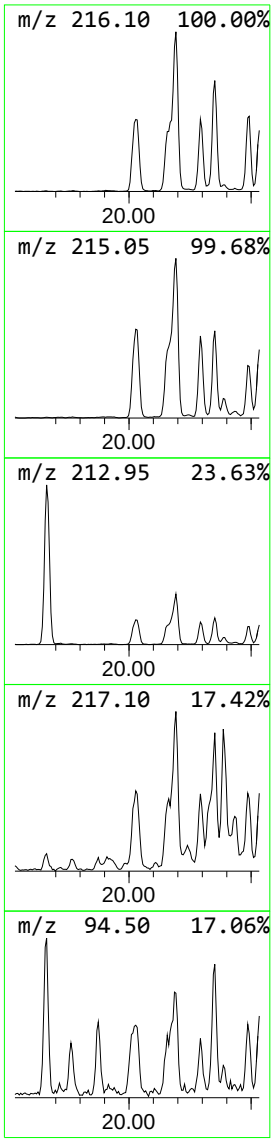
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.033	2.03 ng/ul	804525	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

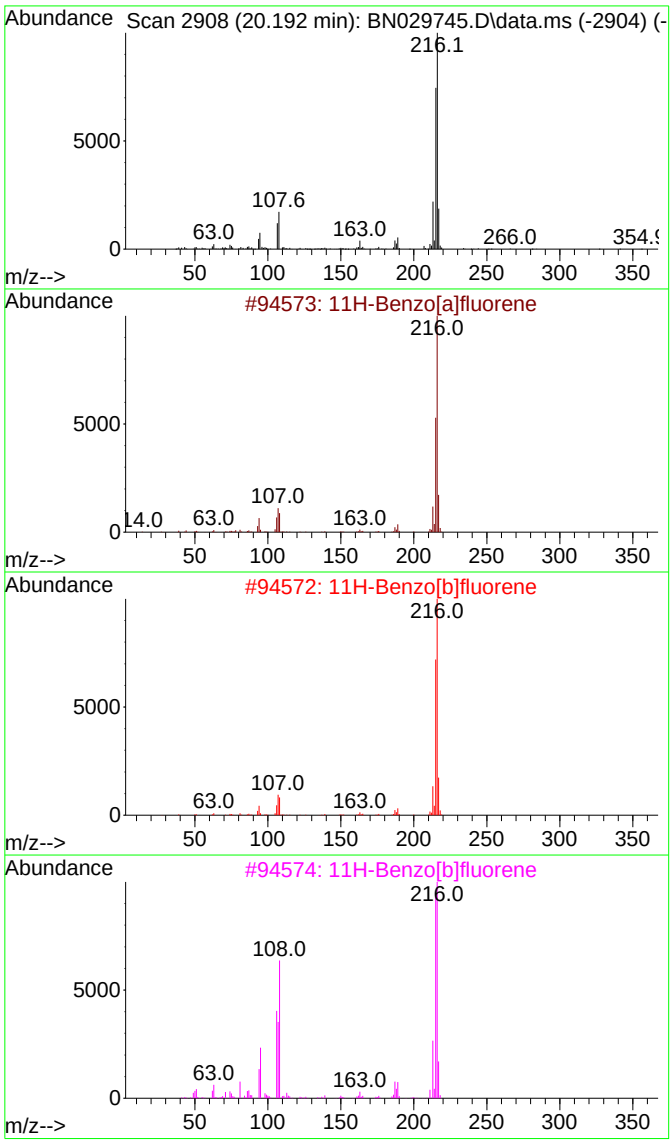
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

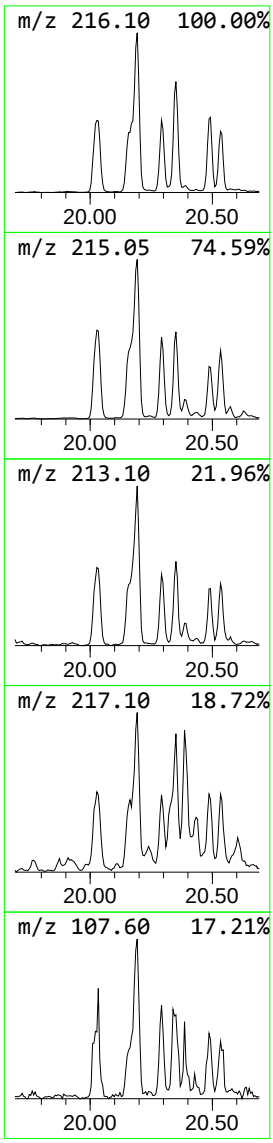
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.192	2.17 ng/ul	858250	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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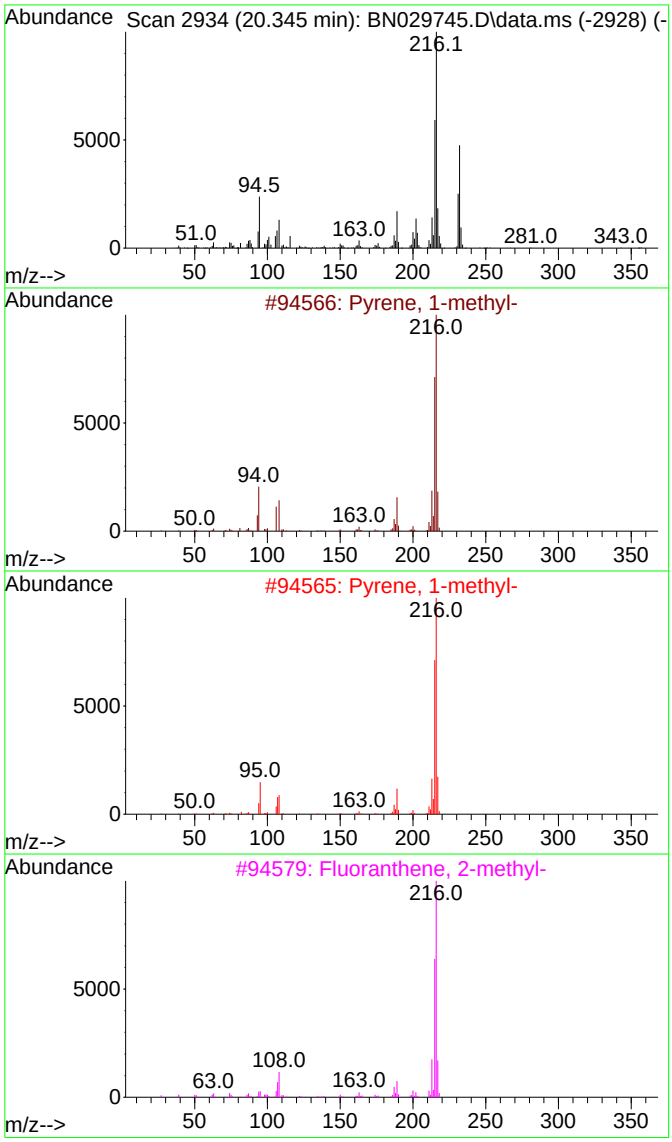
Quant Title : SVOA CALIBRATION

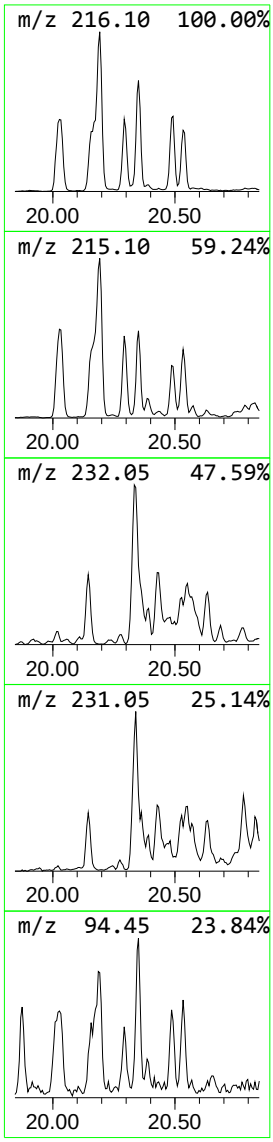
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.345	2.05 ng/ul	813803	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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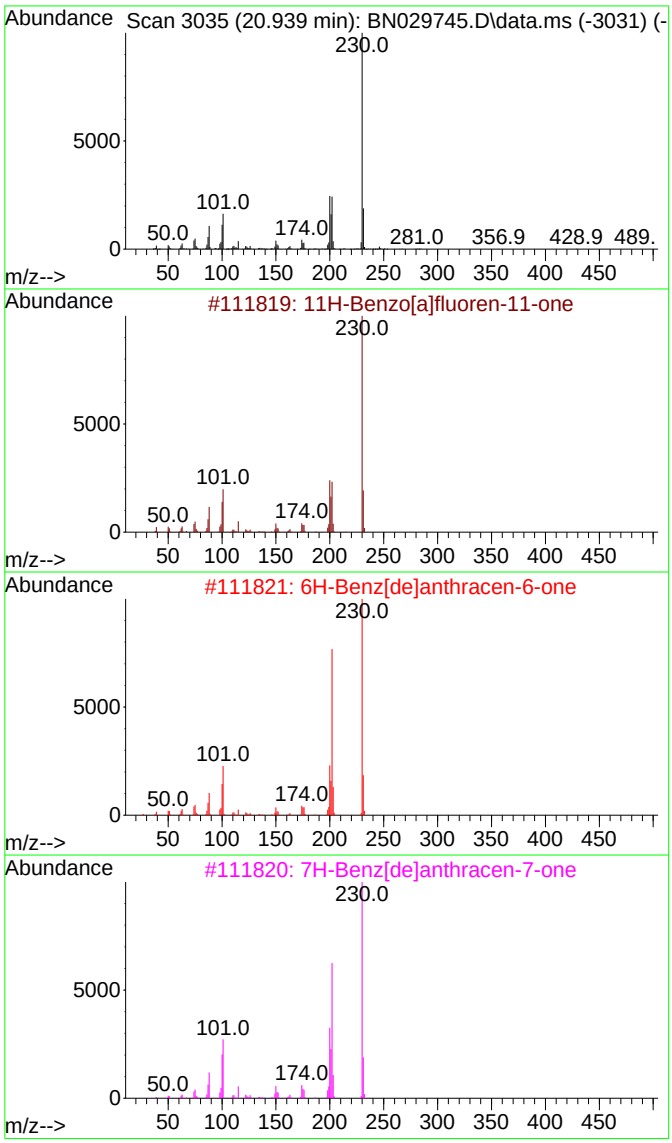
Quant Title : SVOA CALIBRATION

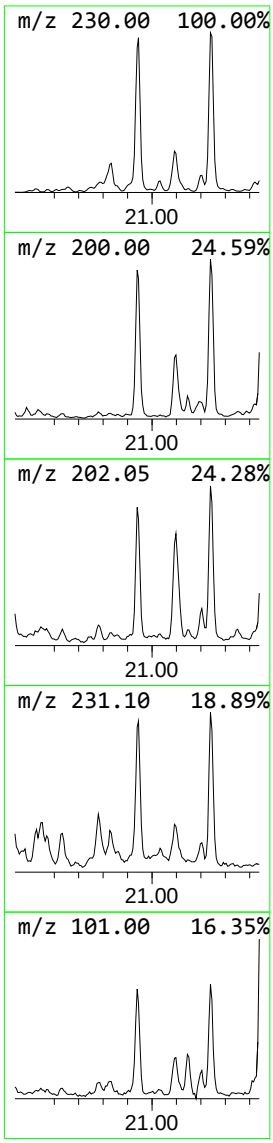
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	2.16 ng/ul	856867	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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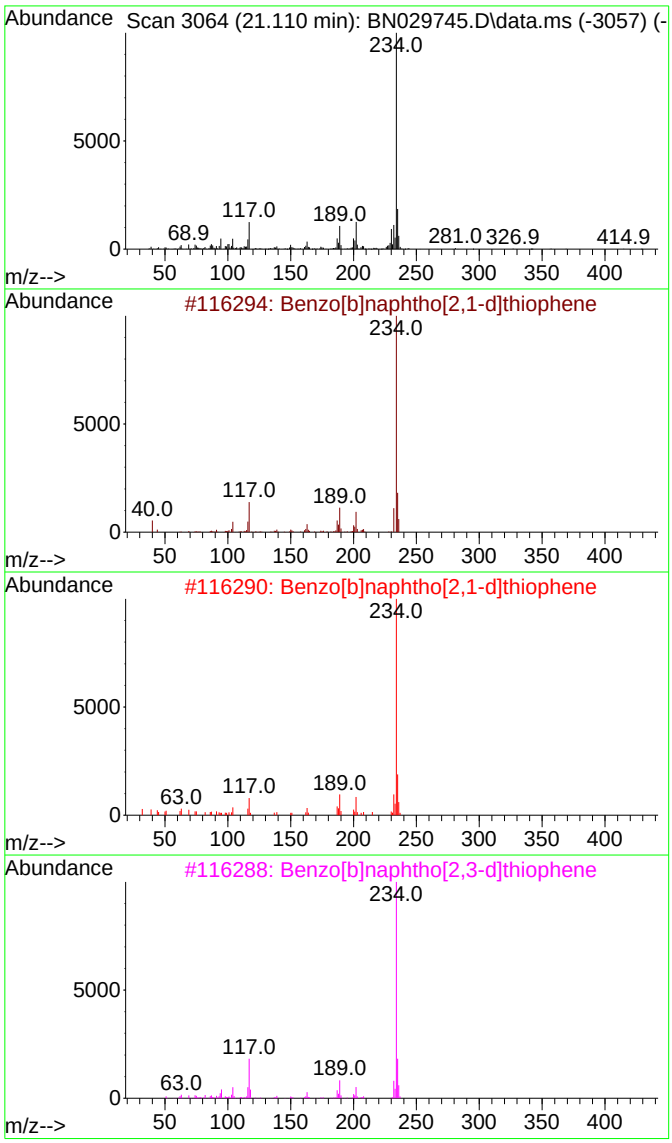
Quant Title : SVOA CALIBRATION

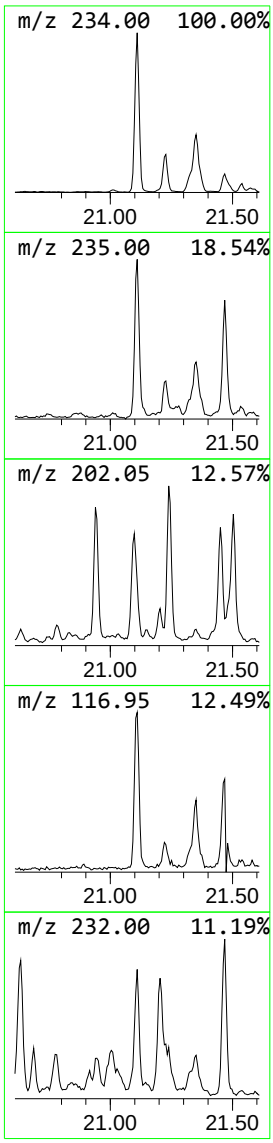
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	2.21 ng/ul	873341	Chrysene-d12	21.468

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[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	94
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94





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Instrument :
BNA_N
ClientSampleId :
C0FN3

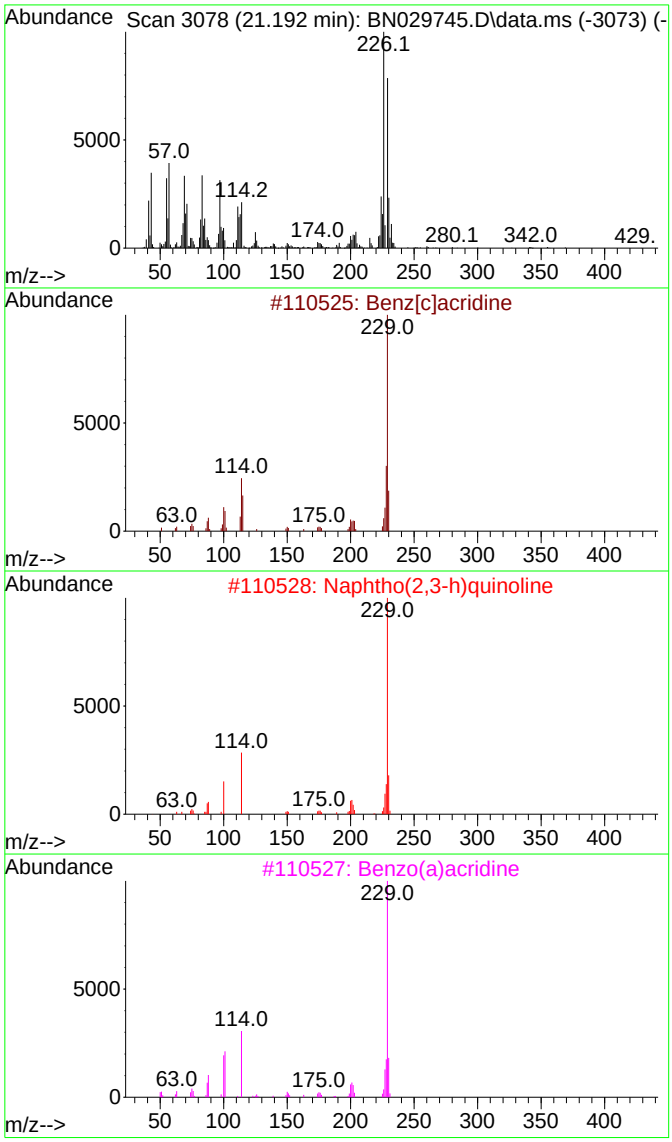
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

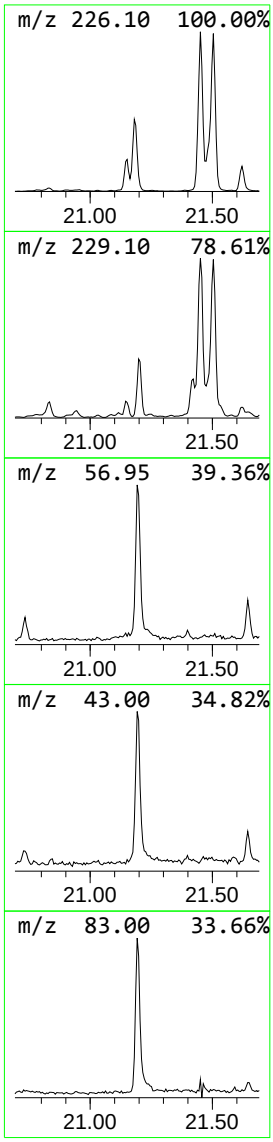
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[c]acridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	3.16 ng/ul	1252730	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	55
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38
3	Benzo(a)acridine	229	C17H11N	000225-11-6	22
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	22
5	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	16





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Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

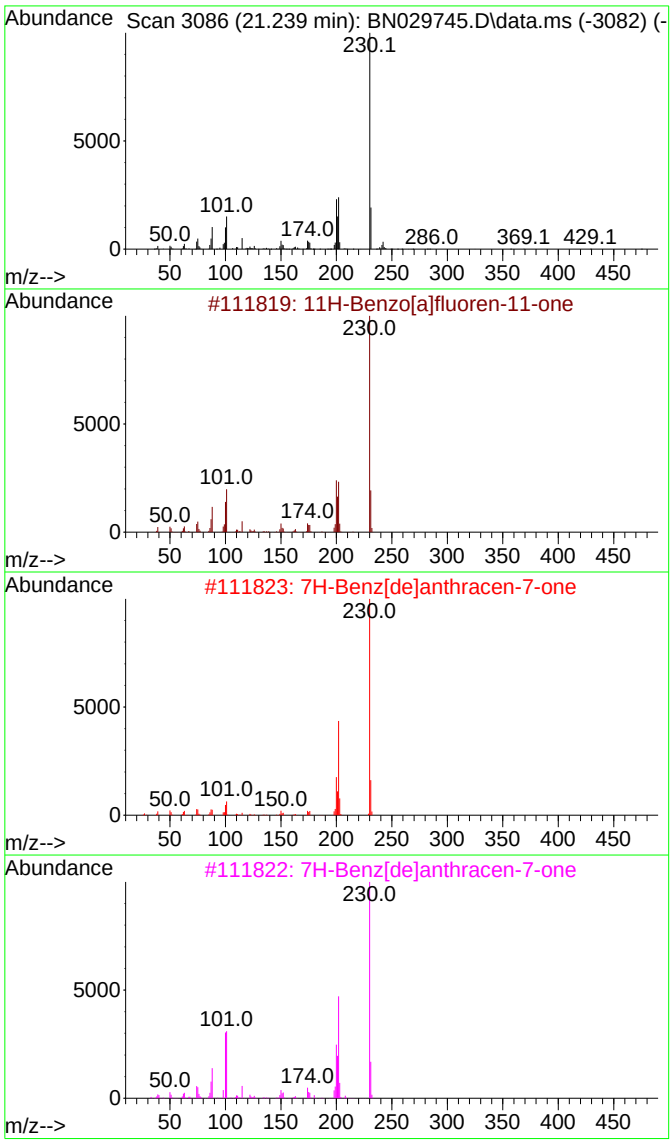
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

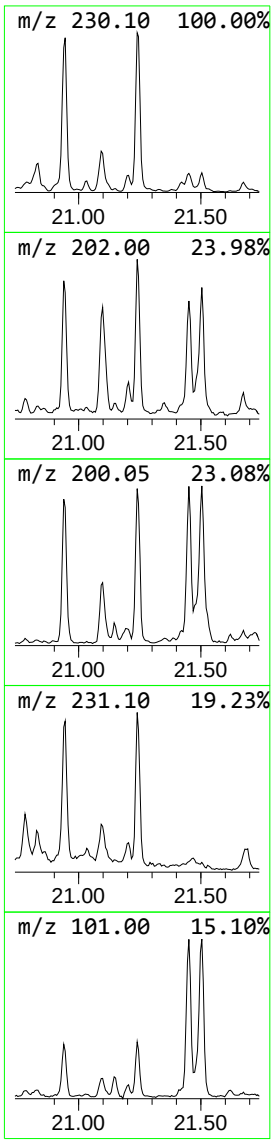
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	2.38 ng/ul	941808	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

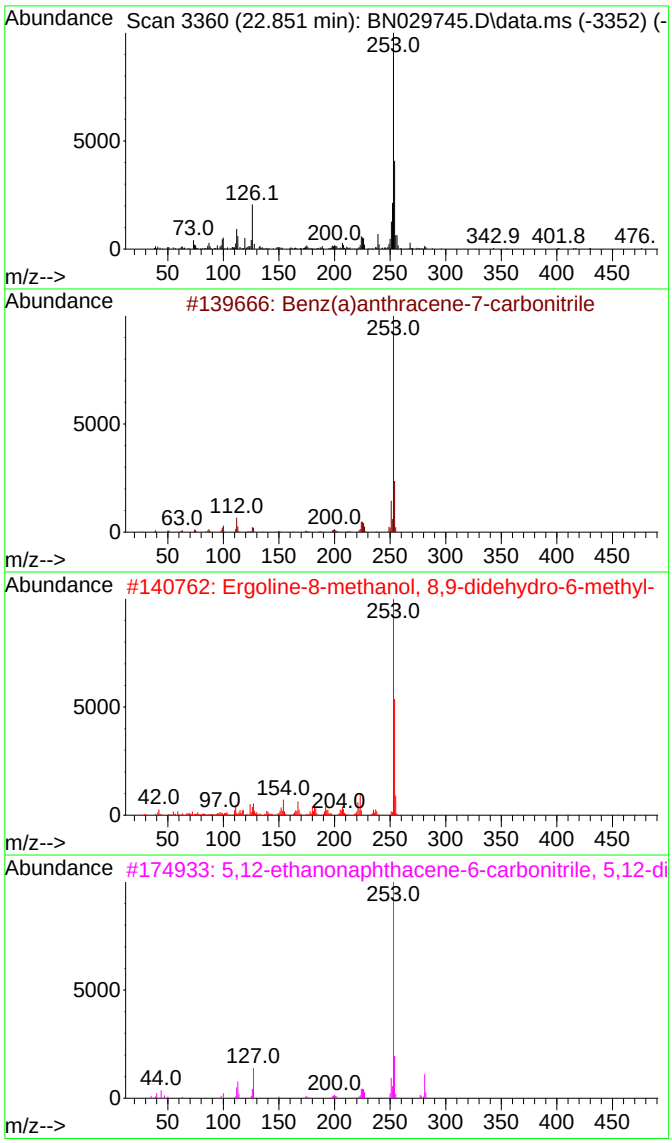
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

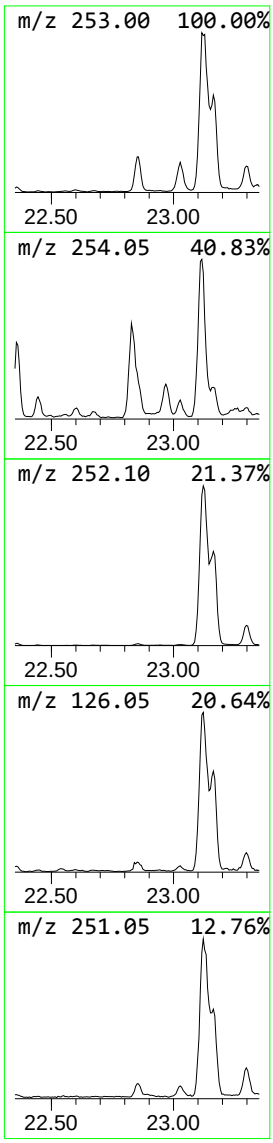
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz(a)anthracene-7-carboni... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.851	5.05 ng/ul	519486	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
2	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	40
3	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	38
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	38
5	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	37





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Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

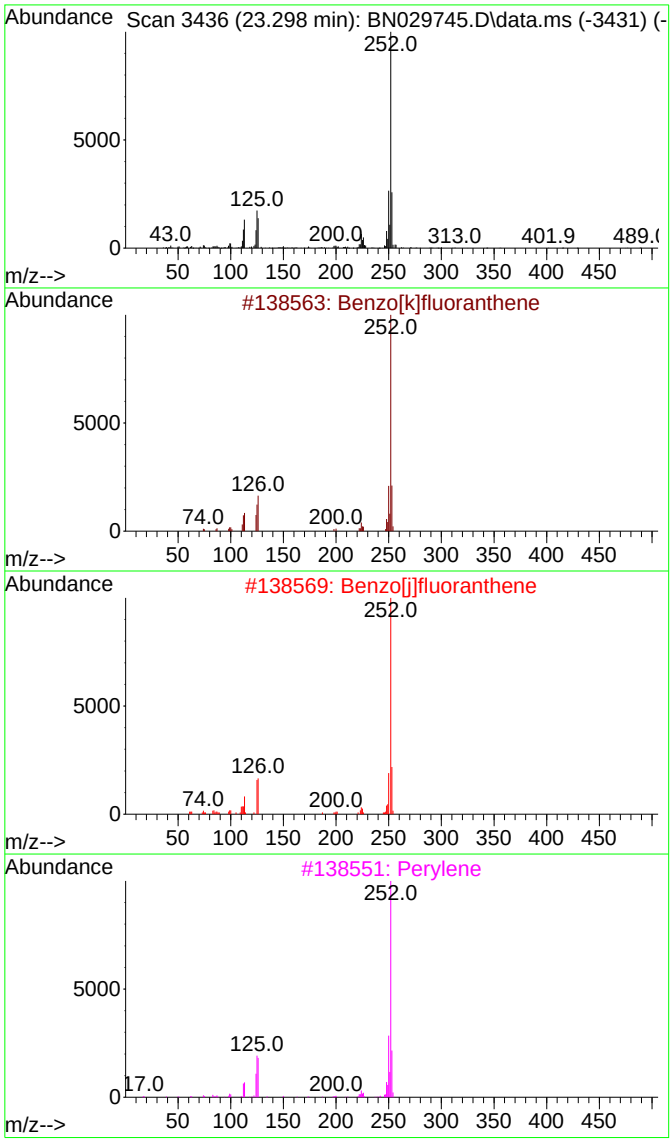
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

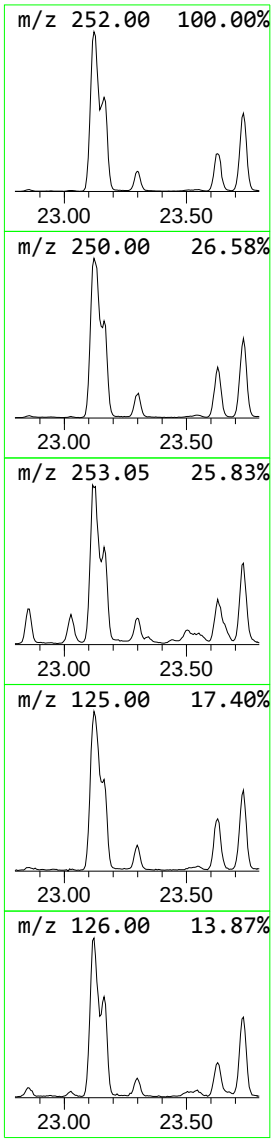
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.298	5.61 ng/ul	577247	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

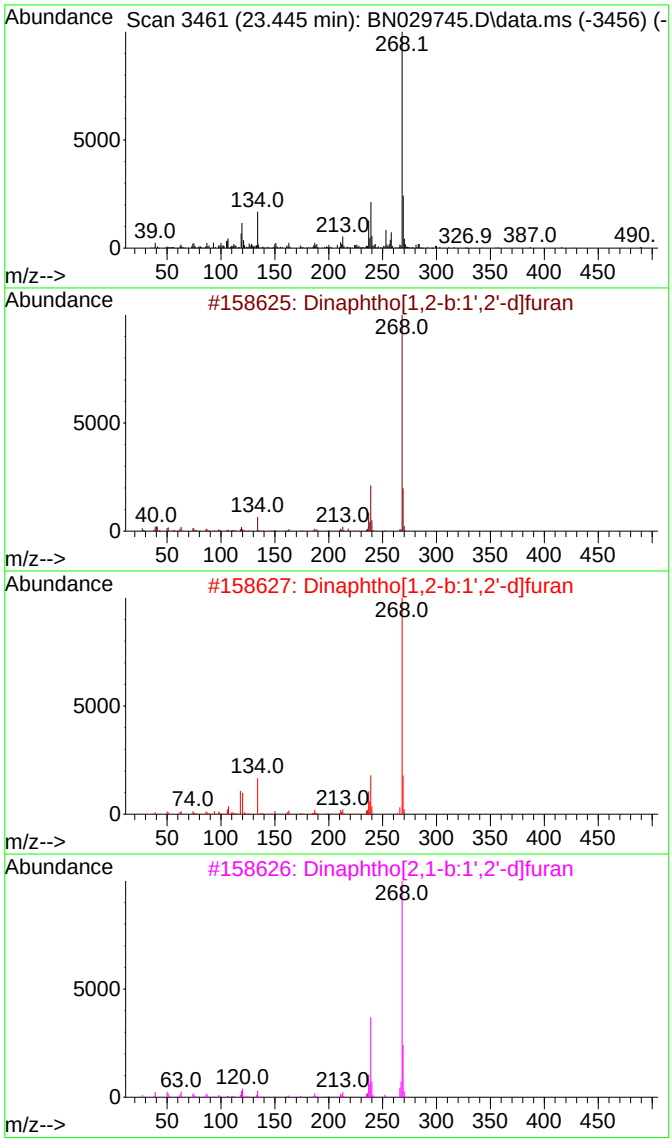
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

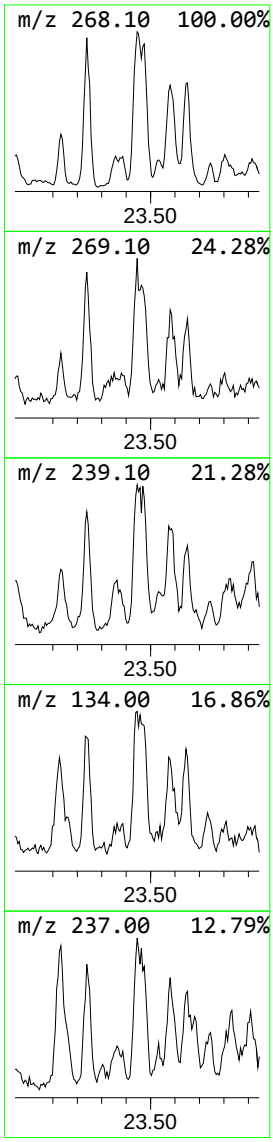
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.445	3.69 ng/ul	379043	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	80
4	2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	59
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

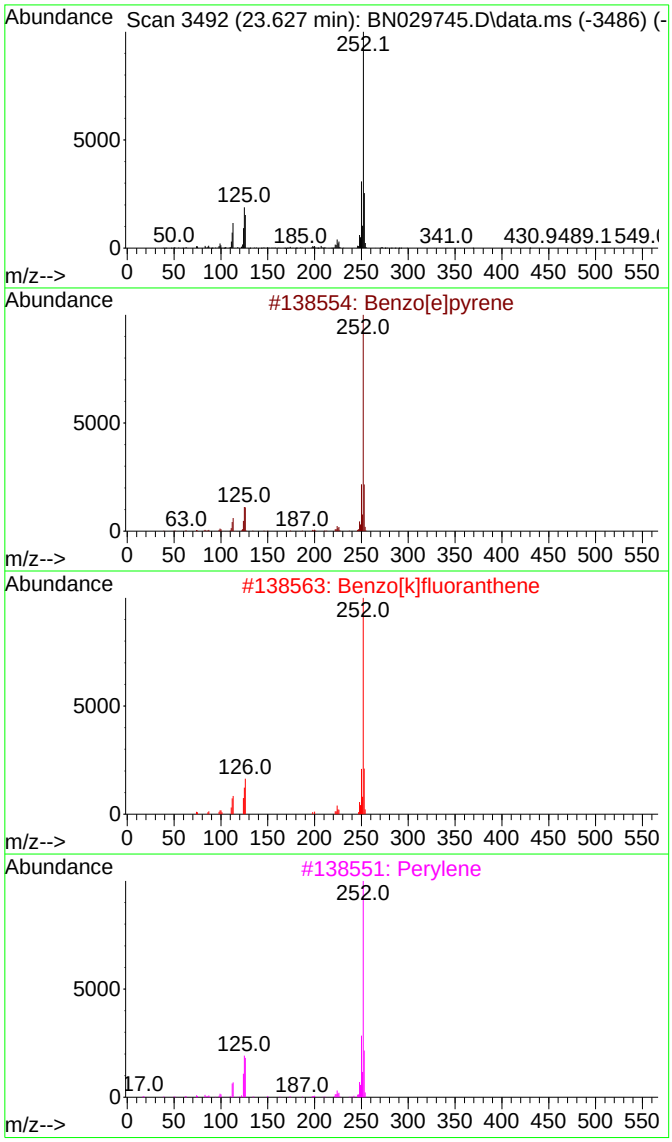
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

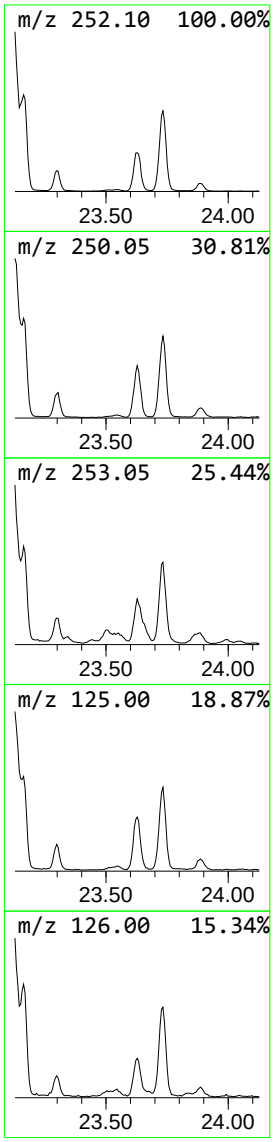
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.627	11.62 ng/ul	1195230	Perylene-d12	23.839

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	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029745.D
Acq On : 13 Feb 2024 23:04
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FN3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.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
unknown-01	3.846	3.2	ng/ul	207910	1	7.869	1308880	20.0
unknown-02	4.281	4.4	ng/ul	286408	1	7.869	1308880	20.0
unknown-03	4.693	2.1	ng/ul	139531	1	7.869	1308880	20.0
Phenanthrene, 2...	18.145	3.6	ng/ul	338238	4	17.263	1880950	20.0
Phenanthrene, 1...	18.192	7.6	ng/ul	717367	4	17.263	1880950	20.0
4H-Cyclopenta[d...	18.339	7.8	ng/ul	733871	4	17.263	1880950	20.0
Anthracene, 2-m...	18.375	2.4	ng/ul	221909	4	17.263	1880950	20.0
Naphthalene, 2-...	18.651	3.2	ng/ul	298531	4	17.263	1880950	20.0
9,10-Anthracene...	18.692	3.4	ng/ul	322796	4	17.263	1880950	20.0
Phenanthrene, 3...	19.069	3.4	ng/ul	319781	4	17.263	1880950	20.0
Cyclopenta(def)...	19.204	5.0	ng/ul	470874	4	17.263	1880950	20.0
Pyrene, 1-methyl-	20.033	2.0	ng/ul	804525	5	21.468	7921030	20.0
11H-Benzo[a]flu...	20.192	2.2	ng/ul	858250	5	21.468	7921030	20.0
Fluoranthene, 2...	20.345	2.0	ng/ul	813803	5	21.468	7921030	20.0
11H-Benzo[a]flu...	20.939	2.2	ng/ul	856867	5	21.468	7921030	20.0
Benzo[b]naphtho...	21.110	2.2	ng/ul	873341	5	21.468	7921030	20.0
Benz[c]acridine	21.192	3.2	ng/ul	1252730	5	21.468	7921030	20.0
7H-Benz[de]anth...	21.239	2.4	ng/ul	941808	5	21.468	7921030	20.0
Benz(a)anthrace...	22.851	5.0	ng/ul	519486	6	23.839	2056730	20.0
Benzo[j]fluoran...	23.298	5.6	ng/ul	577247	6	23.839	2056730	20.0
Dinaphtho[1,2-b...	23.445	3.7	ng/ul	379043	6	23.839	2056730	20.0
Benzo[e]pyrene	23.627	11.6	ng/ul	1195230	6	23.839	2056730	20.0