LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

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-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.587	99	102	114	rBV	379682	568991	6.59%	0.374%
2	3.687	115	119	127	rVB	209464	274799	3.18%	0.180%
3	3.899	150	155	166	rVB	347541	496659	5.75%	0.326%
4	4.793	298	307	318	rBV	199360	308836	3.57%	0.203%
5	5.322	391	397	415	rVB	497589	1129665	13.07%	0.742%
6	5.687	451	459	465	rVV	289565	463293	5.36%	0.304%
7	6.752	634	640	645	rVV	389208	588091	6.81%	0.386%
8	6.840	645	655	660	rVV2	1529634	2875728	33.28%	1.888%
9	6.881	660	662	670	rVB	194652	276358	3.20%	0.181%
10	7.005	676	683	688	rBV	1215974	1956010	22.64%	1.284%
11	7.193	708	715	724	rBV	1570113	2559821	29.63%	1.680%
12	7.305	724	734	746	rVV	462937	828792	9.59%	0.544%
13	7.657	784	794	803	rBV	1601085	2699392	31.24%	1.772%
14	7.769	808	813	821	rVB	153878	256117	2.96%	0.168%
15	8.199	880	886	896	rVB2	195459	348177	4.03%	0.229%
16	8.287	896	901	908	rBV	224165	386338	4.47%	0.254%
17	8.369	908	915	924	rBV	1824106	2938267	34.01%	1.929%
18	8.481	930	934	940	rVB	131950	223824	2.59%	0.147%
19	8.751	970	980	985	rBV	198242	329691	3.82%	0.216%
20	8.816	985	991	998	rVV	1472927	2509369	29.04%	1.647%
21	9.334	1074	1079	1083	rBV	168074	255020	2.95%	0.167%
22	9.381	1083	1087	1096	rVB	134942	218690	2.53%	0.144%
23	9.534	1105	1113	1125	rBV	1268102	2224434	25.74%	1.460%
24	9.840	1160	1165	1172	rVV3	143100	336539	3.89%	0.221%
25	10.069	1198	1204	1213	rVV	1888643	3276247	37.92%	2.151%
26	10.146	1213	1217	1224	rVB2	123879	221201	2.56%	0.145%
27	10.446	1258	1268	1273	rVV	2249344	4213811	48.77%	2.766%
28	10.493	1273	1276	1282	rVV2	327025	549314	6.36%	0.361%
29	10.587	1282	1292	1301	rVV	823462	1596750	18.48%	1.048%
30	11.187	1383	1394	1406	rVV	166651	452285	5.23%	0.297%
31	12.110	1546	1551	1560	rVB	356211	572046	6.62%	0.376%
32	12.334	1582	1589	1598	rVB	260767	466504	5.40%	0.306%
33	13.128	1718	1724	1729	rVB2	127370	221554	2.56%	0.145%
34	13.481	1773	1784	1791	rBV4	131934	385396	4.46%	0.253%
35	13.622	1803	1808	1813	rVV	228300	379680	4.39%	0.249%
36	13.722	1820	1825	1833	rVB	3116928	4369813	50.57%	2.869%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

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-BN052924.MA.M
Title : SVOA CALIBRATION

37	13.998	1865	1872	1890	rVB	3665329	6186501	71.60%	4.061%
38	14.304	1915	1924	1930	rBV	3327541	5060670	58.57%	3.322%
39	14.369	1930	1935	1943	rVB2	188035	344789	3.99%	0.226%
40	14.528	1954	1962	1970	rBV	1204344	2082611	24.10%	1.367%
41	14.704	1989	1992	2000	rVV	238465	374068	4.33%	0.246%
42	15.304	2086	2094	2099	rBV	4231464	6358483	73.59%	4.174%
43	15.357	2099	2103	2106	rVV2	166508	226920	2.63%	0.149%
44	15.433	2111	2116	2121	rVV	854168	1197557	13.86%	0.786%
45	15.651	2148	2153	2159	rVB	147473	236313	2.73%	0.155%
46	15.798	2174	2178	2186	rVB2	127499	260395	3.01%	0.171%
47	16.033	2212	2218	2224	rVB5	213260	454790	5.26%	0.299%
48	16.210	2243	2248	2258	rVB5	136568	273579	3.17%	0.180%
49	16.710	2329	2333	2340	rVB2	286404	441217	5.11%	0.290%
50	16.810	2348	2350	2354	rVV2	151129	227003	2.63%	0.149%
51	16.869	2356	2360	2369	rVV	222330	400140	4.63%	0.263%
52	17.057	2386	2392	2395	rVV	3195101	4734651	54.80%	3.108%
53	17.098	2395	2399	2403	rVV	3386251	4646170	53.77%	3.050%
54	17.151	2403	2408	2412	rVV	3773001	5780172	66.90%	3.794%
55	17.186	2412	2414	2419	rVV	727080	857101	9.92%	0.563%
56	17.239	2419	2423	2429	rVB4	126879	266888	3.09%	0.175%
57	17.463	2457	2461	2472	rVB	326269	531738	6.15%	0.349%
58	17.633	2486	2490	2498	rVB5	175523	302504	3.50%	0.199%
59	17.927	2535	2540	2542	rBV	623683	841087	9.73%	0.552%
60	17.957	2542	2545	2546	rBV	555916	533929	6.18%	0.351%
61	18.057	2559	2562	2567	rVB	191096	261067	3.02%	0.171%
62	18.122	2567	2573	2577	rBV2	761038	1373034	15.89%	0.901%
63	18.163	2577	2580	2586	rVB	443895	596165	6.90%	0.391%
64	18.245	2590	2594	2597	rBV2	174410	249342	2.89%	0.164%
65	18.433	2622	2626	2630	rBV	435293	591618	6.85%	0.388%
66	18.480	2630	2634	2639	rVB	536726	745091	8.62%	0.489%
67	18.680	2665	2668	2672	rVV2	209825	299559	3.47%	0.197%
68	18.733	2673	2677	2680	rVV	263889	359356	4.16%	0.236%
69	18.769	2680	2683	2687	rVB	201385	263463	3.05%	0.173%
70	18.851	2693	2697	2702	rBV	513184	921745	10.67%	0.605%
71	18.998	2717	2722	2728	rBV2	408342	813113	9.41%	0.534%
72	19.122	2737	2743	2750	rVB	5689965	7798815	90.26%	5.120%
73	19.457	2794	2800	2802	rBV2	4046496	5966876	69.06%	3.917%
74	19.486	2802	2805	2813	rVB	4210902	5640744	65.28%	3.703%
75	19.557	2813	2817	2822	rBV2	352796	530891	6.14%	0.349%
76	19.663	2832	2835	2841	rVB	265673	395323	4.58%	0.260%

LSC Area Percent Report

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Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

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-BN052924.MA.M
Title : SVOA CALIBRATION

77	19.727	2842	2846	2850	rVB3	251401	376508	4.36%	0.247%
78	19.804	2855	2859	2867	rBV3	406202	1012452	11.72%	0.665%
79	19.939	2878	2882	2885	rBV4	374624	663163	7.67%	0.435%
80	19.980	2886	2889	2896	rVB2	726596	1078385	12.48%	0.708%
81	20.080	2902	2906	2909	rBV	387809	498704	5.77%	0.327%
82	20.139	2911	2916	2920	rVB2	560169	888164	10.28%	0.583%
83	20.280	2937	2940	2944	rVV2	365817	418241	4.84%	0.275%
84	20.321	2945	2947	2952	rVB	358674	435241	5.04%	0.286%
85	20.392	2956	2959	2964	rVB2	329362	391195	4.53%	0.257%
86	20.727	3013	3016	3022	rVB	695137	934220	10.81%	0.613%
87	20.939	3049	3052	3055	rBV	439465	555137	6.42%	0.364%
88	20.980	3055	3059	3065	rVV3	963612	1734177	20.07%	1.138%
89	21.045	3067	3070	3082	rVB	729133	1230991	14.25%	0.808%
90	21.198	3093	3096	3100	rVB	588048	694907	8.04%	0.456%
91	21.286	3104	3111	3116	rVV3	3593157	8640593	100.00%	5.672%
92	21.333	3116	3119	3130	rVB	2656642	4078532	47.20%	2.677%
93	21.474	3140	3143	3150	rBV3	281513	514681	5.96%	0.338%
94	21.963	3223	3226	3232	rVB2	523114	777590	9.00%	0.510%
95	22.033	3234	3238	3248	rVB4	422163	889232	10.29%	0.584%
96	22.215	3266	3269	3273	rVB2	296304	368097	4.26%	0.242%
97	23.298	3447	3453	3460	rBV	2152816	6175231	71.47%	4.054%
98	24.027	3571	3577	3582	rBV	1195726	2427391	28.09%	1.593%
99	24.086	3583	3587	3600	rVB	1130677	2664496	30.84%	1.749%
100	24.227	3604	3611	3619	rBV	1561989	3701046	42.83%	2.430%

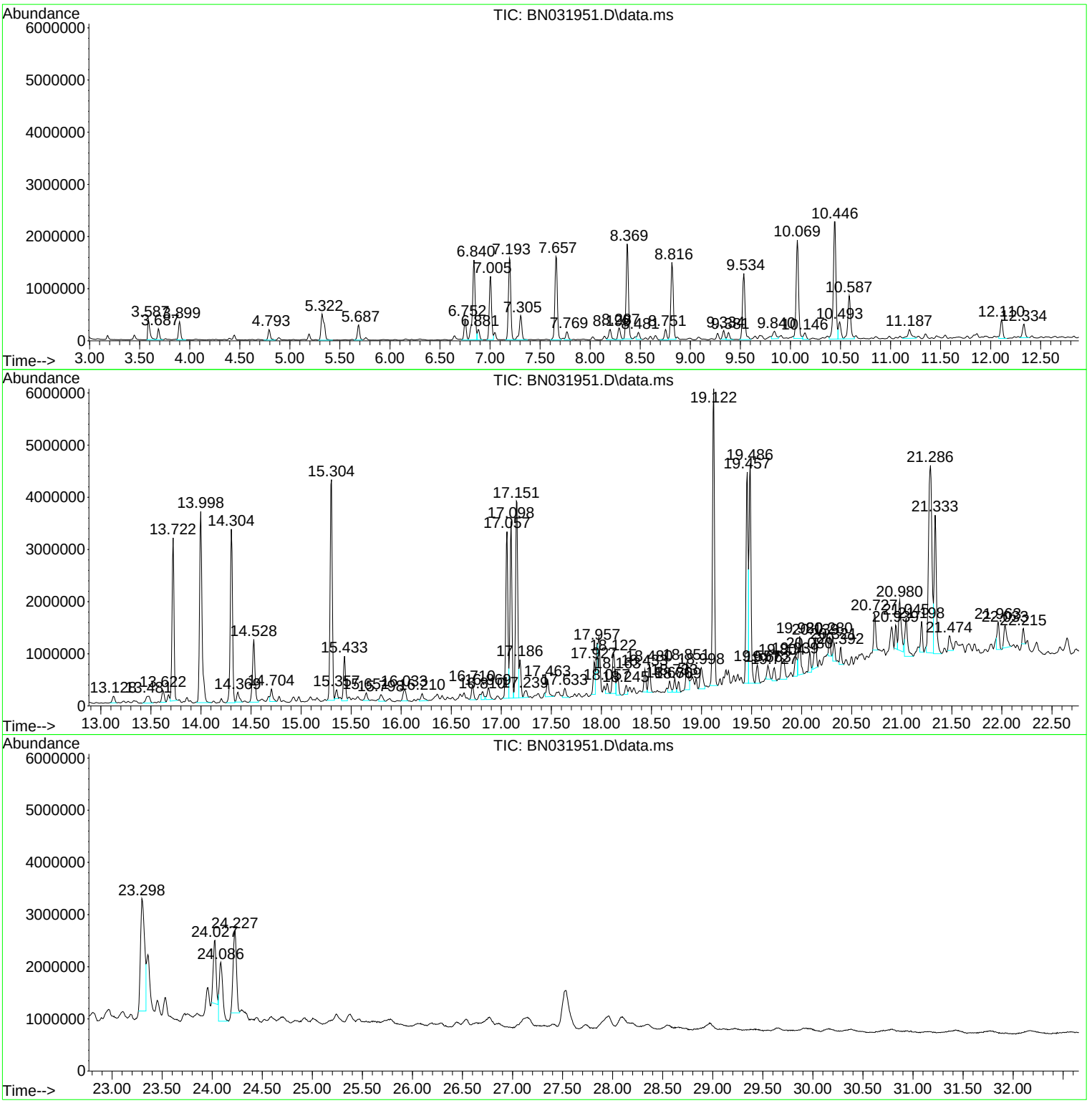
Sum of corrected areas: 152331354

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

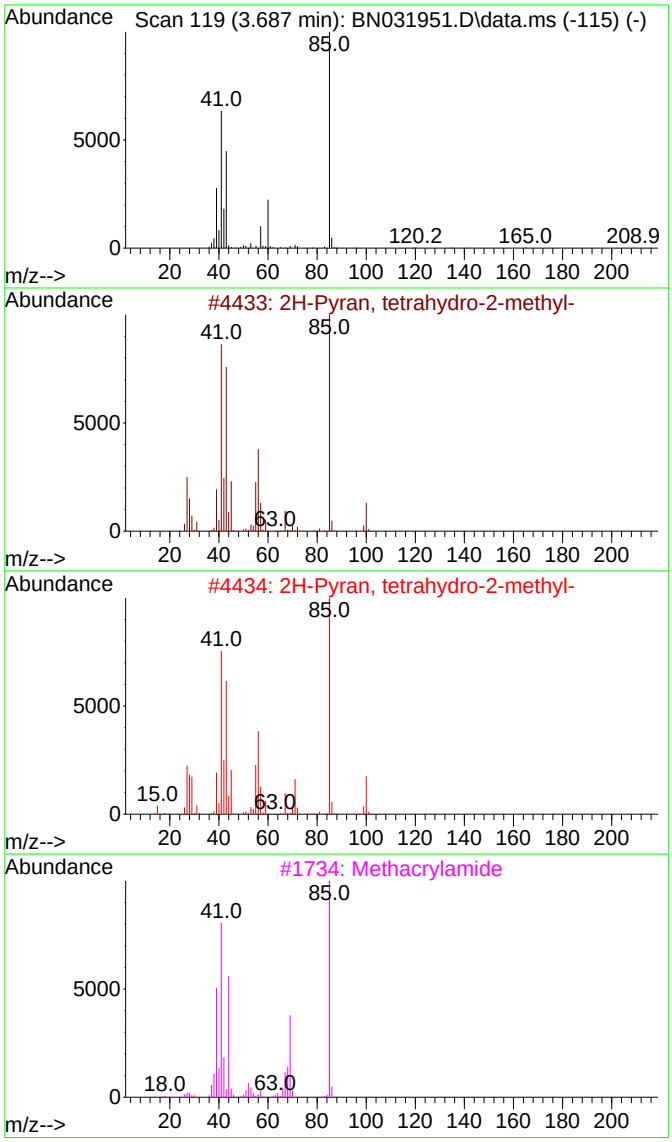
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

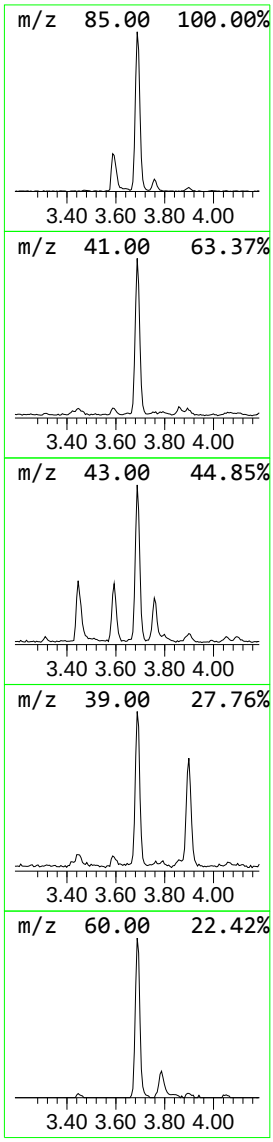
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	2.04 ng/ul	274799	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	Methacrylamide	85	C4H7NO	000079-39-0	33
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

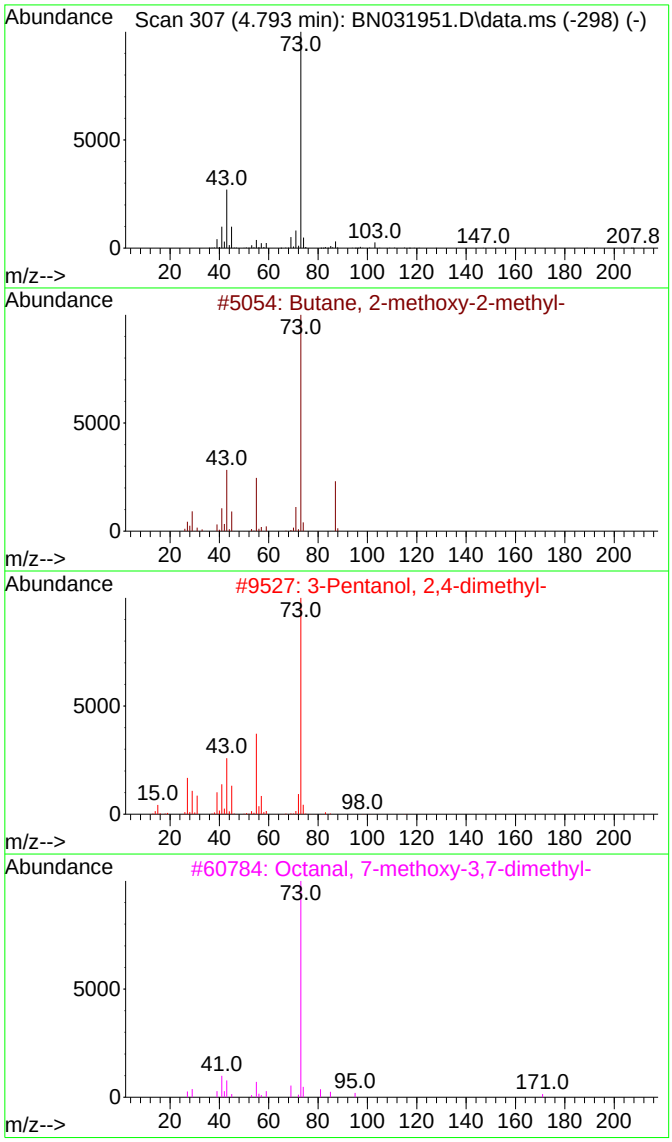
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

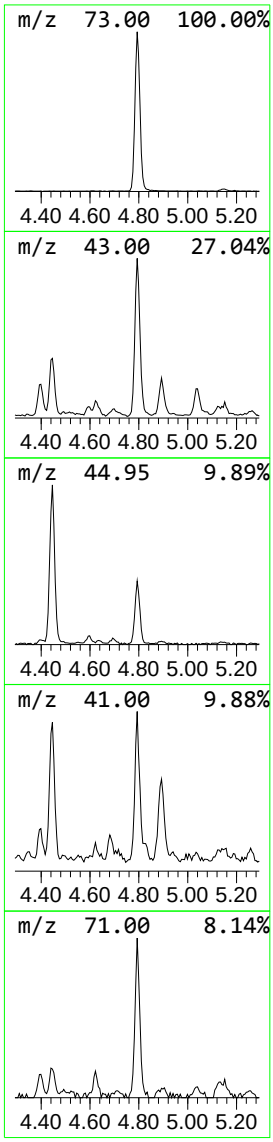
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.793	2.29 ng/ul	308836	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	28
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

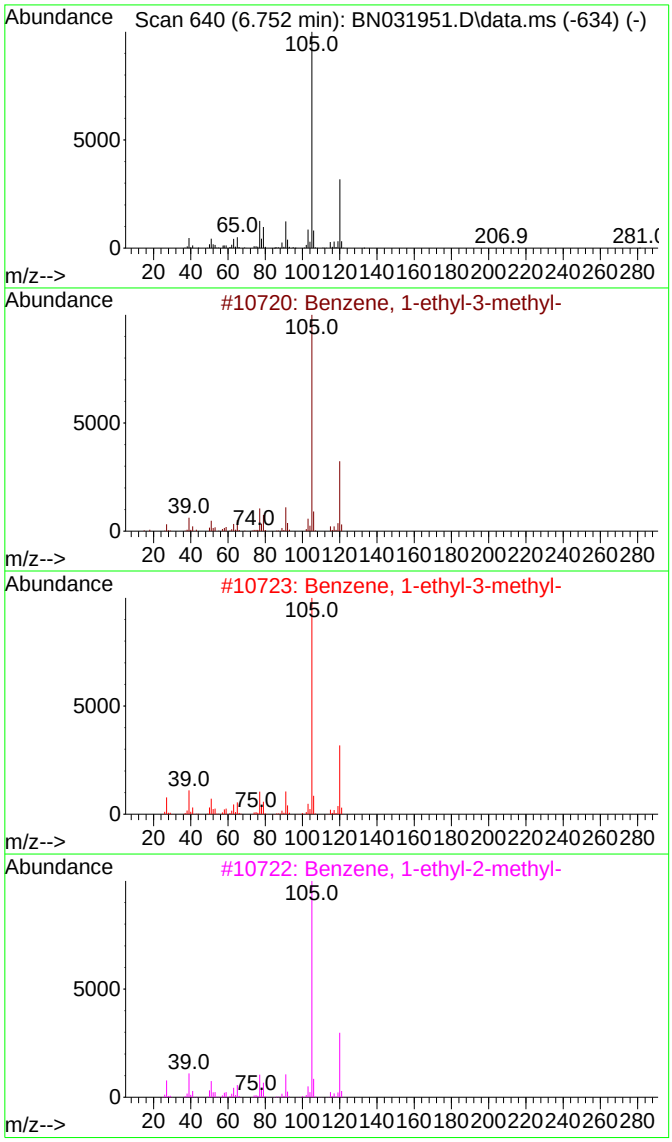
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

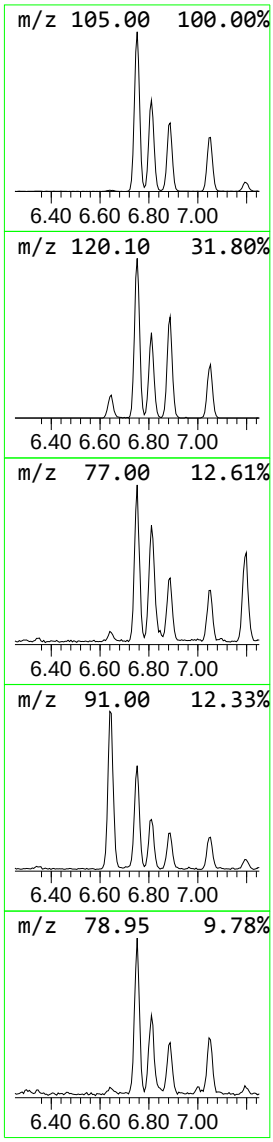
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.752	4.36 ng/ul	588091	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

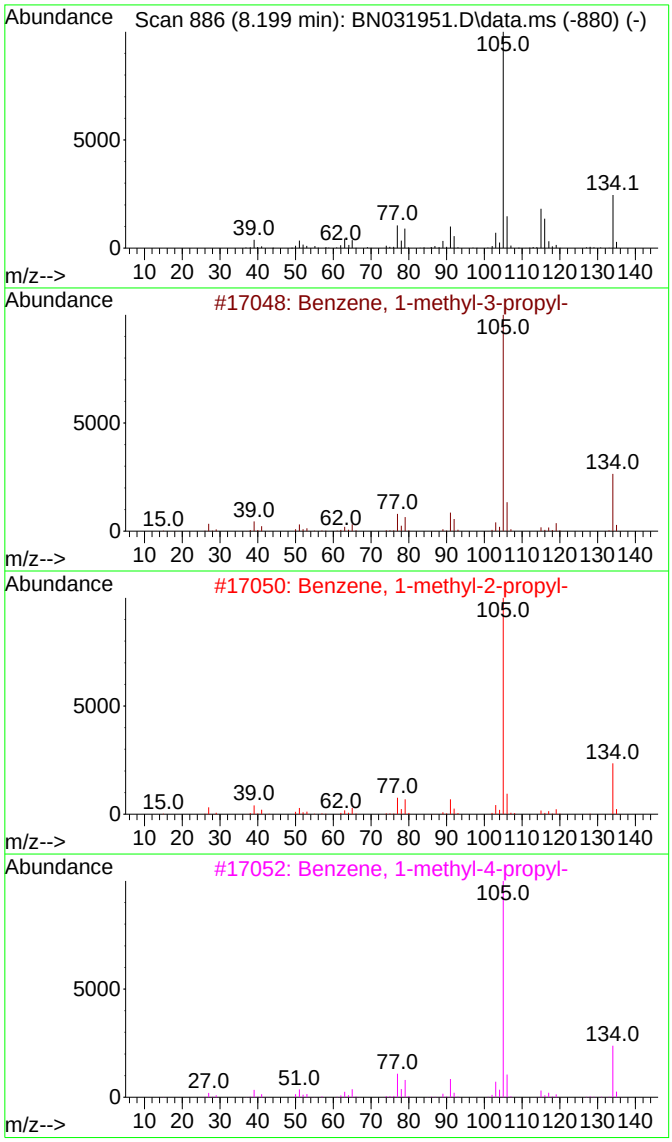
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

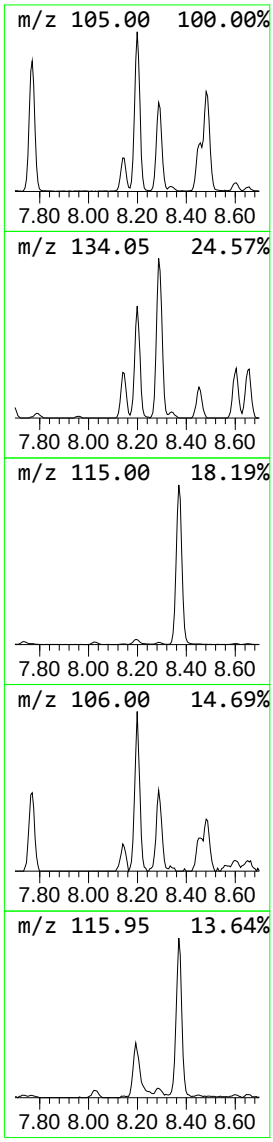
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.199	2.58 ng/ul	348177	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

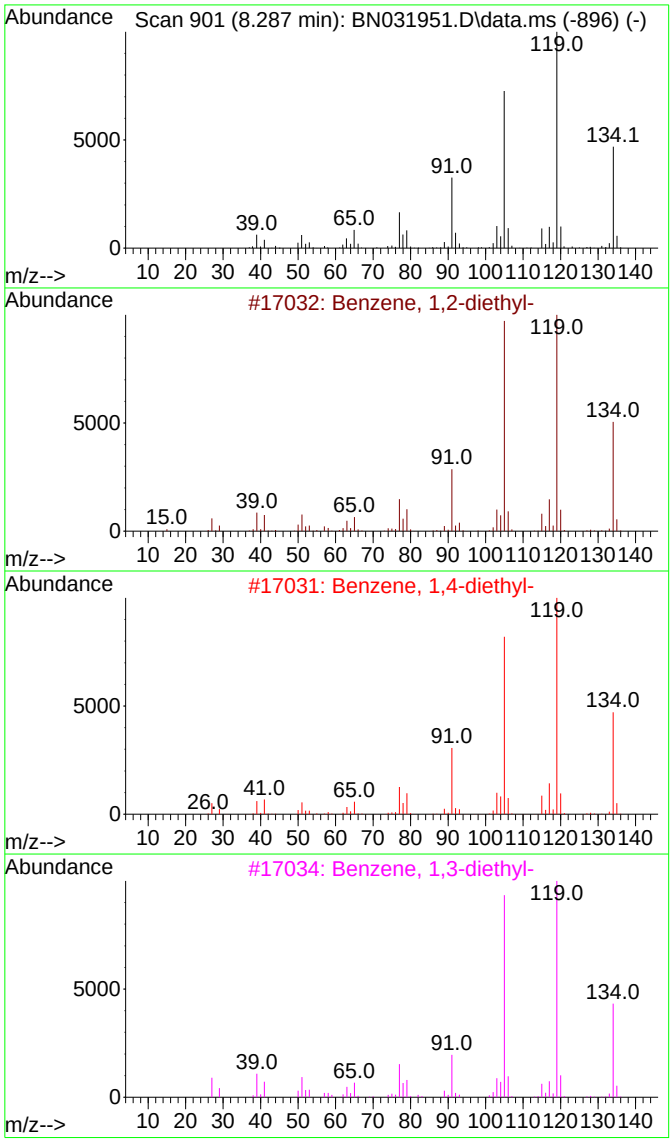
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

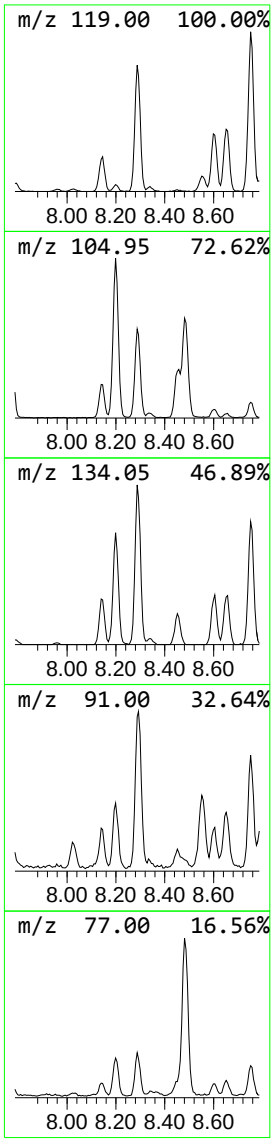
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.287	2.86 ng/ul	386338	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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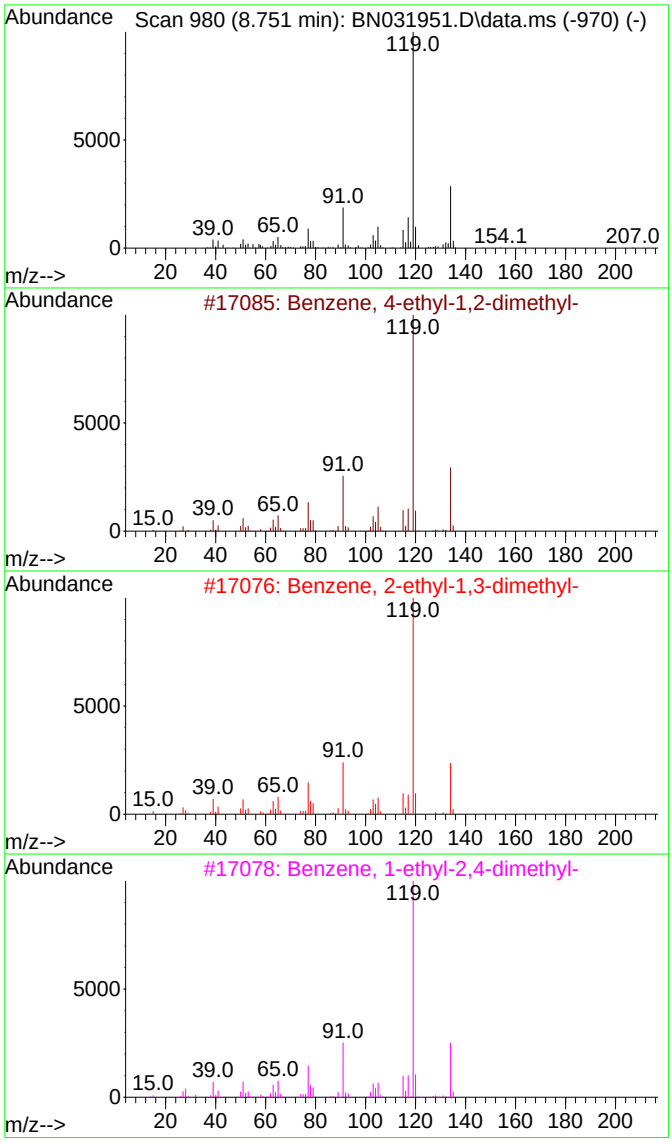
Quant Title : SVOA CALIBRATION

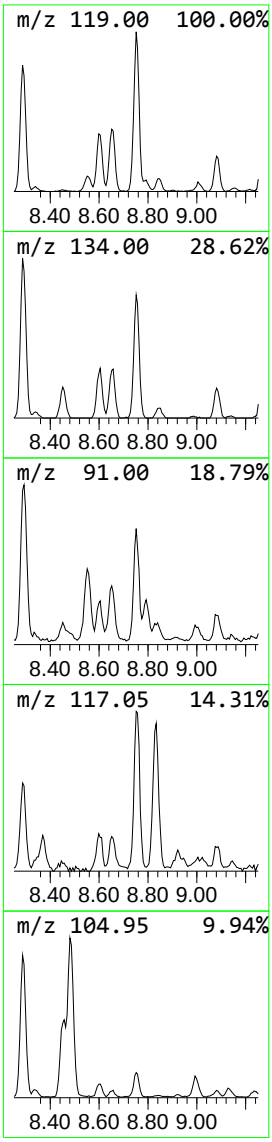
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	2.44 ng/ul	329691	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	94





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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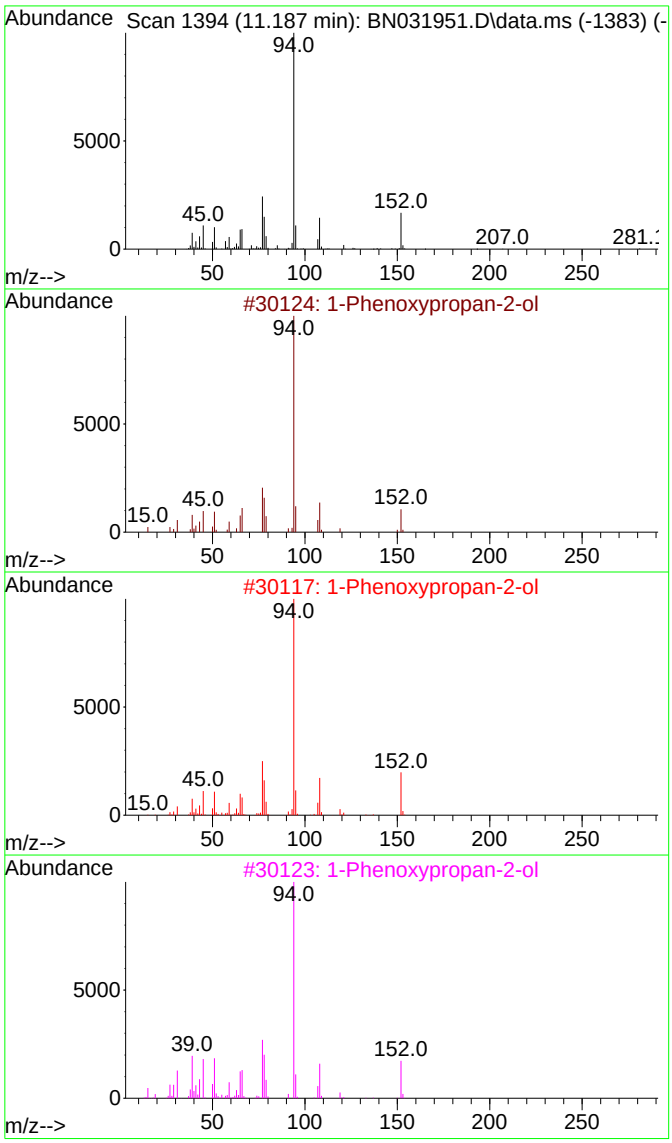
Quant Title : SVOA CALIBRATION

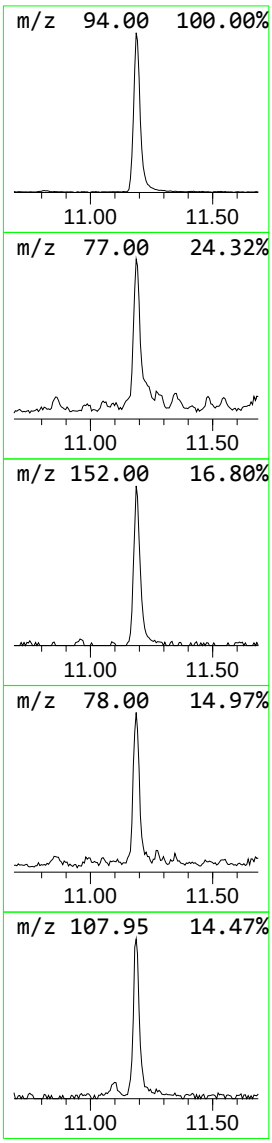
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Phenoxypropan-2-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	2.15 ng/ul	452285	Naphthalene-d8	10.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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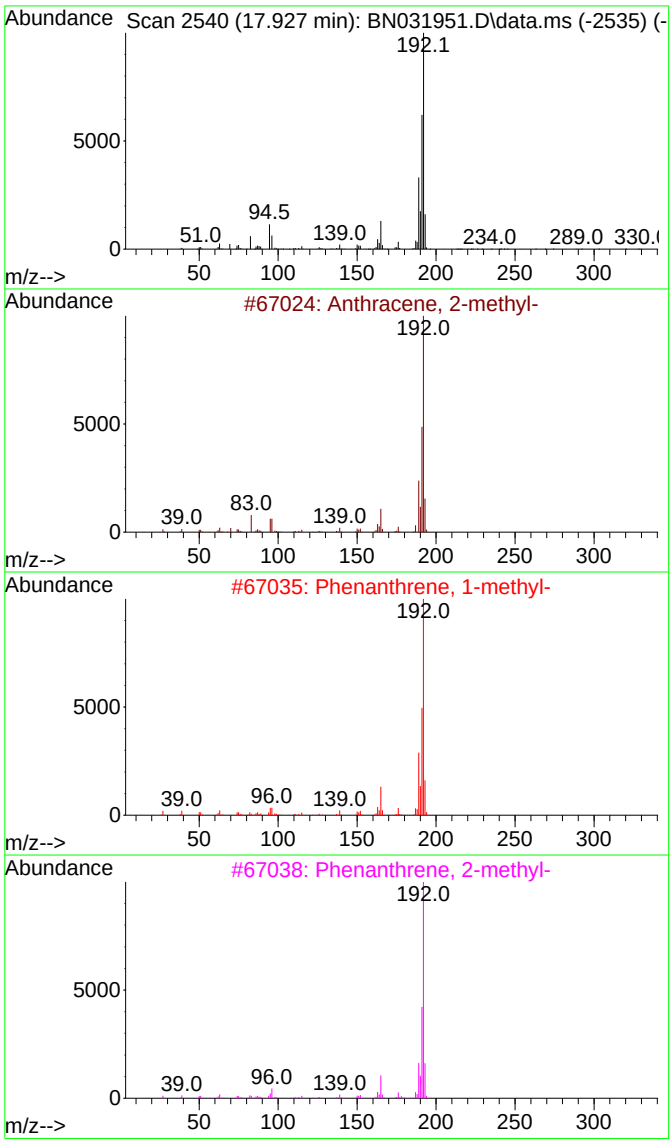
Quant Title : SVOA CALIBRATION

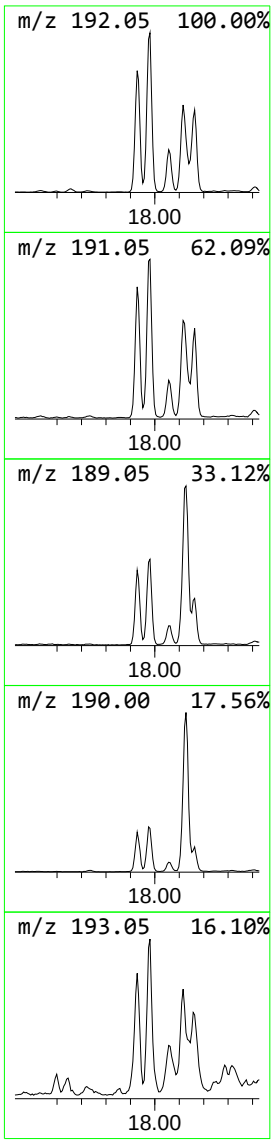
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	3.55 ng/ul	841087	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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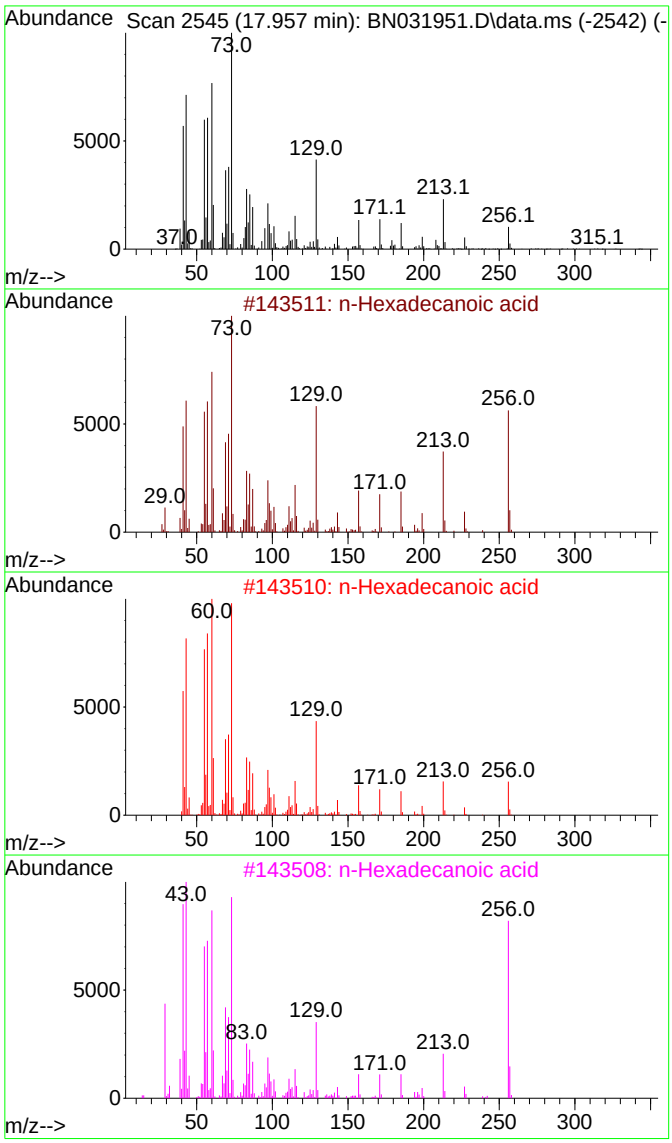
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

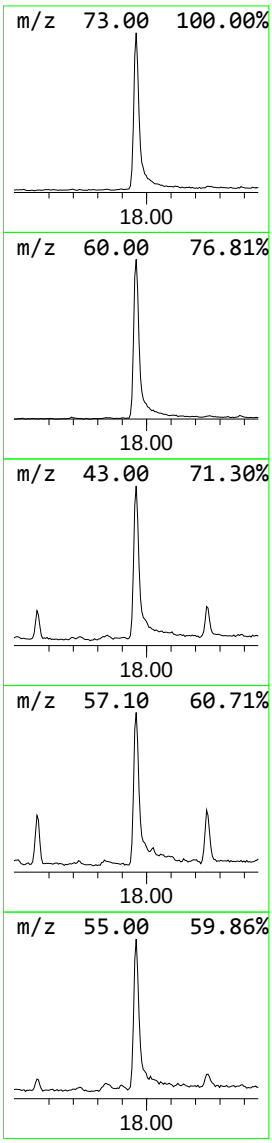
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 n-Hexadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	2.26 ng/ul	533929	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_N
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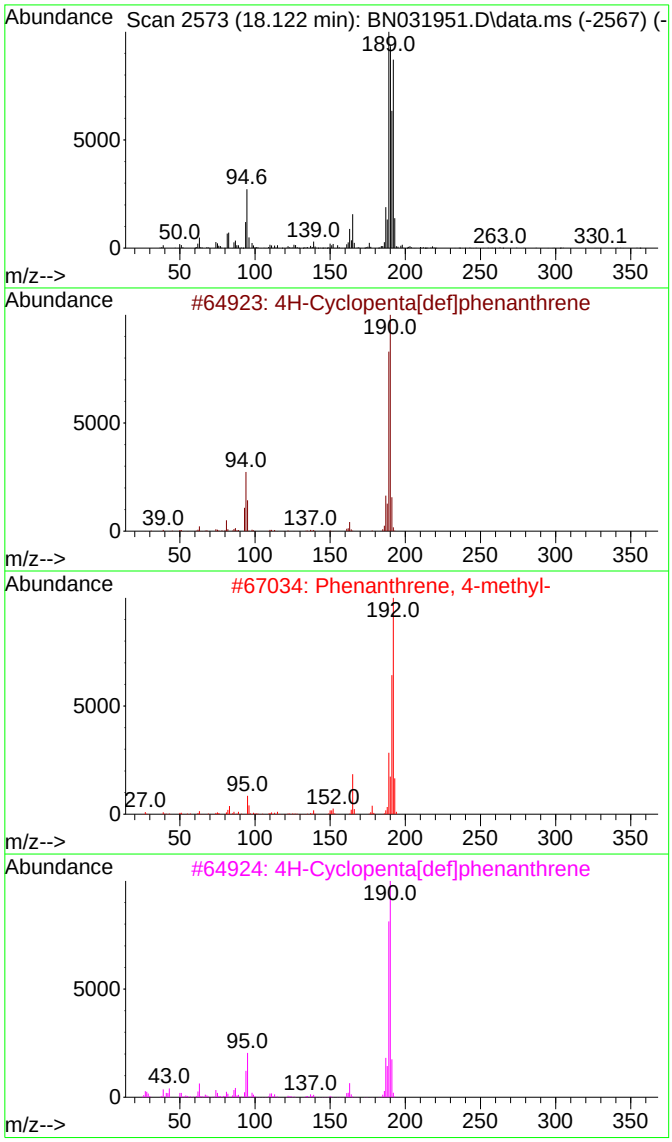
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

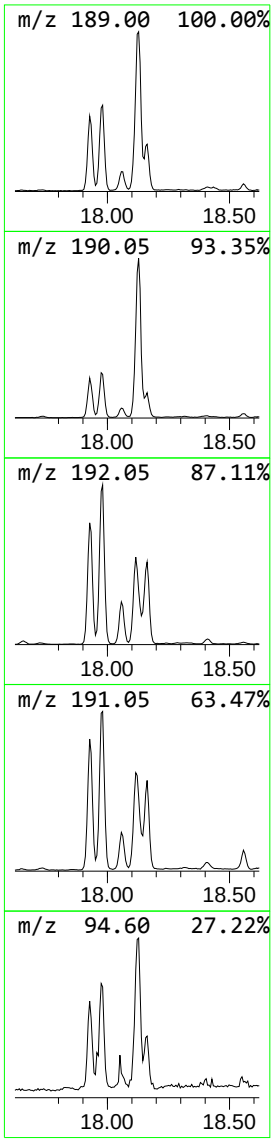
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	5.80 ng/ul	1373030	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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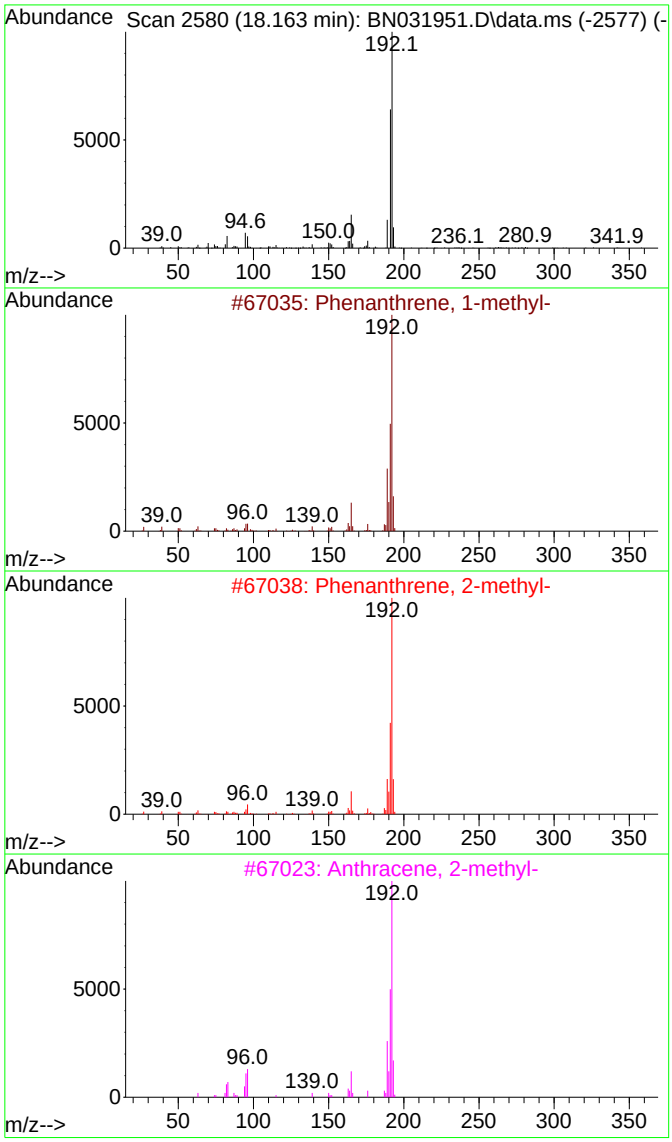
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

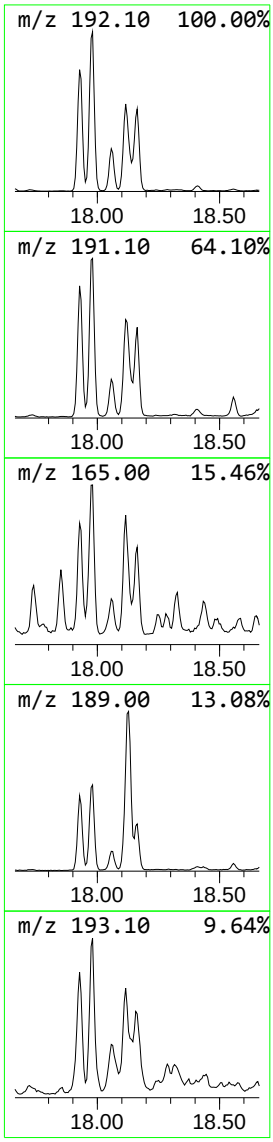
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.52 ng/ul	596165	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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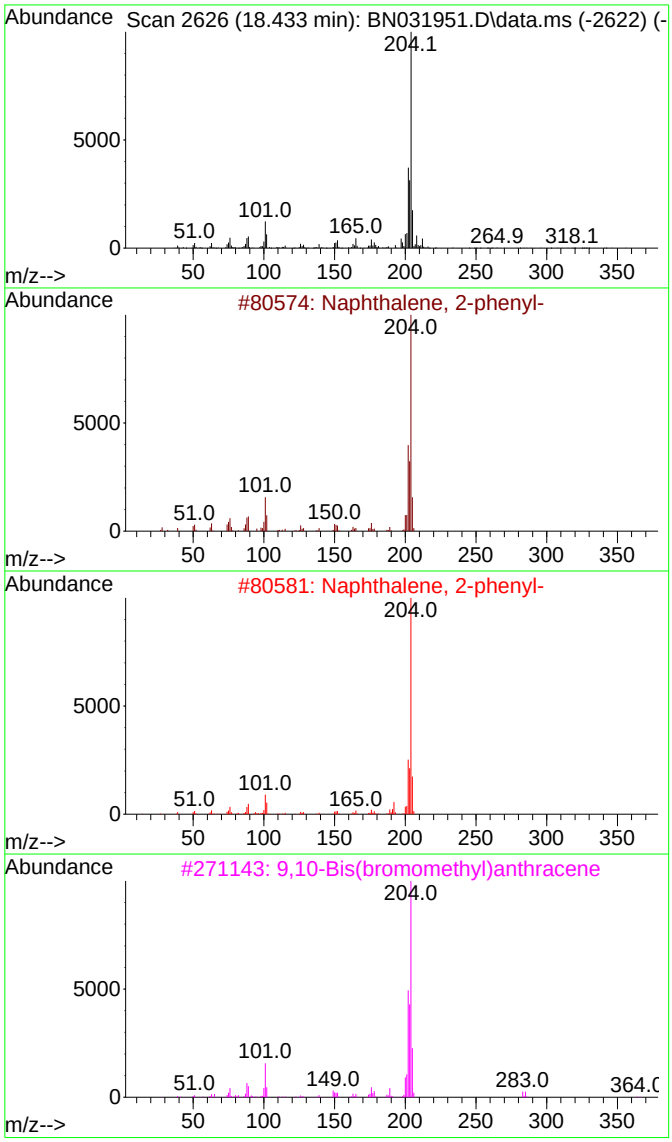
Quant Title : SVOA CALIBRATION

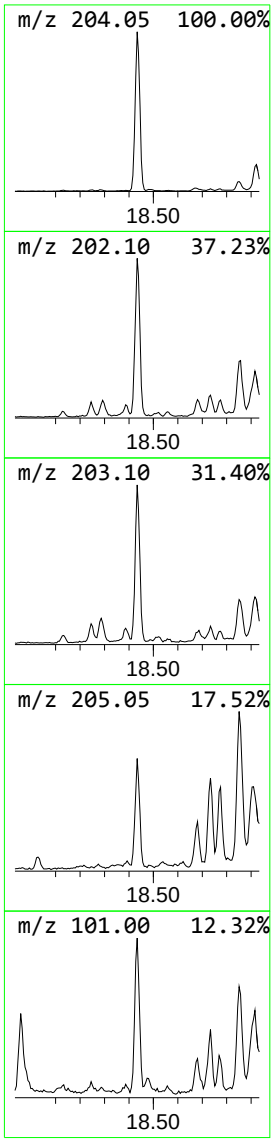
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	2.50 ng/ul	591618	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
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	76





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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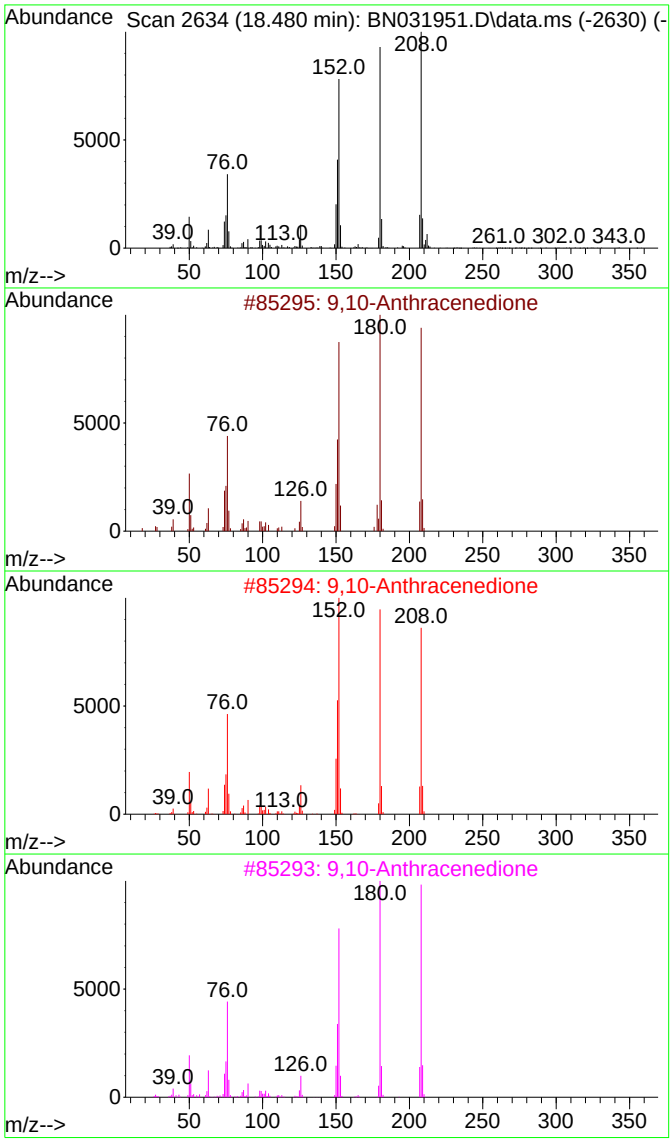
Quant Title : SVOA CALIBRATION

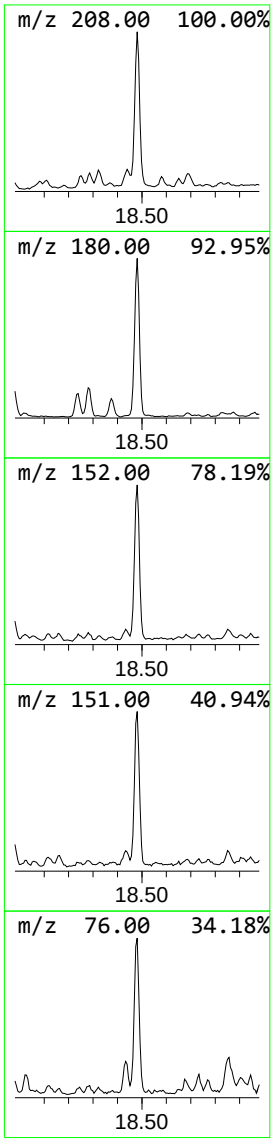
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	3.15 ng/ul	745091	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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ALS Vial : 9 Sample Multiplier: 1

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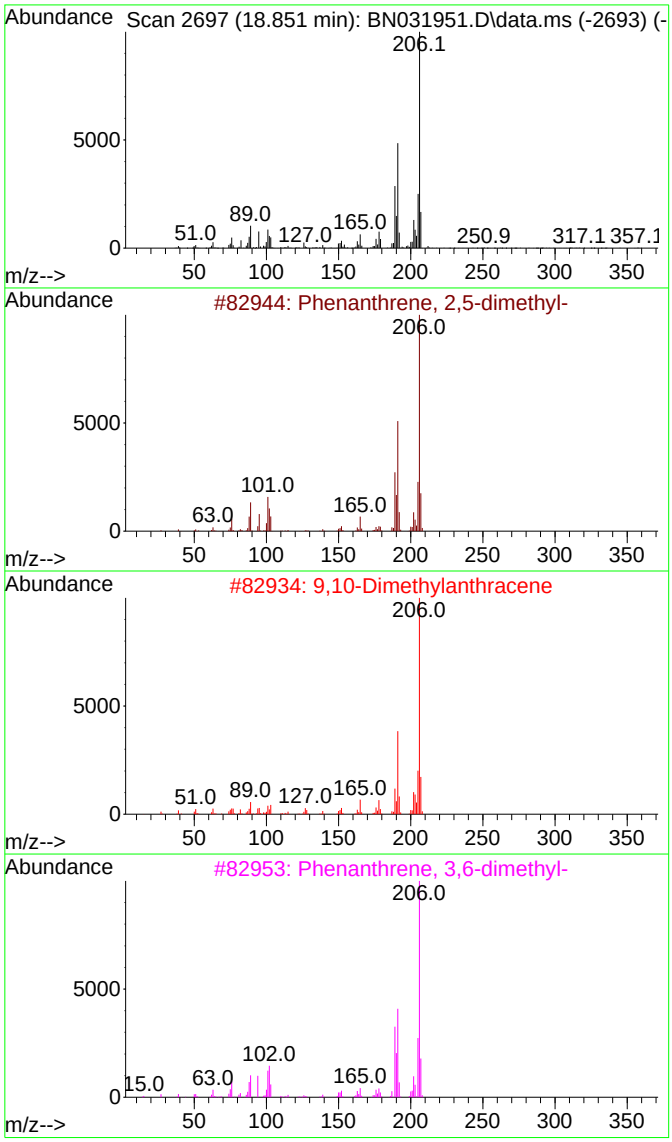
Quant Title : SVOA CALIBRATION

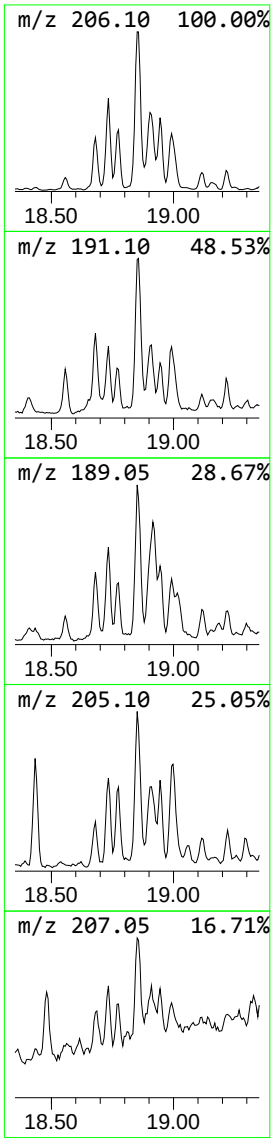
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	3.89 ng/ul	921745	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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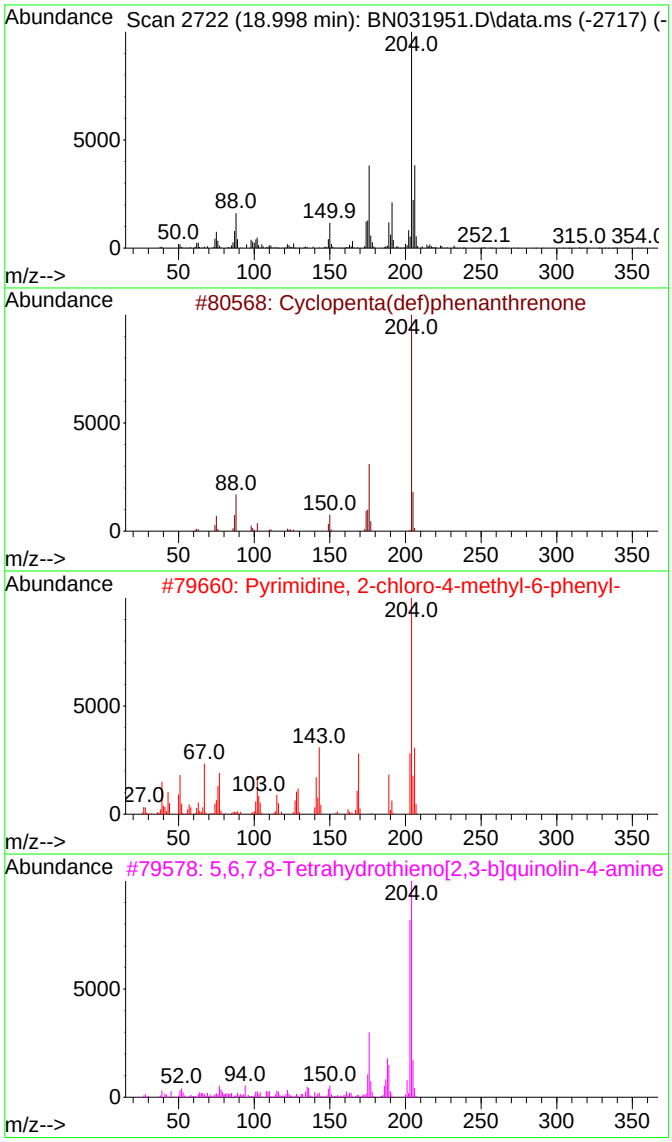
Quant Title : SVOA CALIBRATION

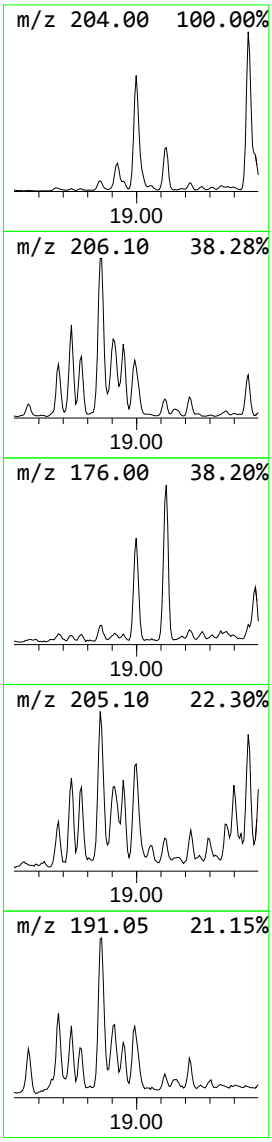
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	3.43 ng/ul	813113	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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ALS Vial : 9 Sample Multiplier: 1

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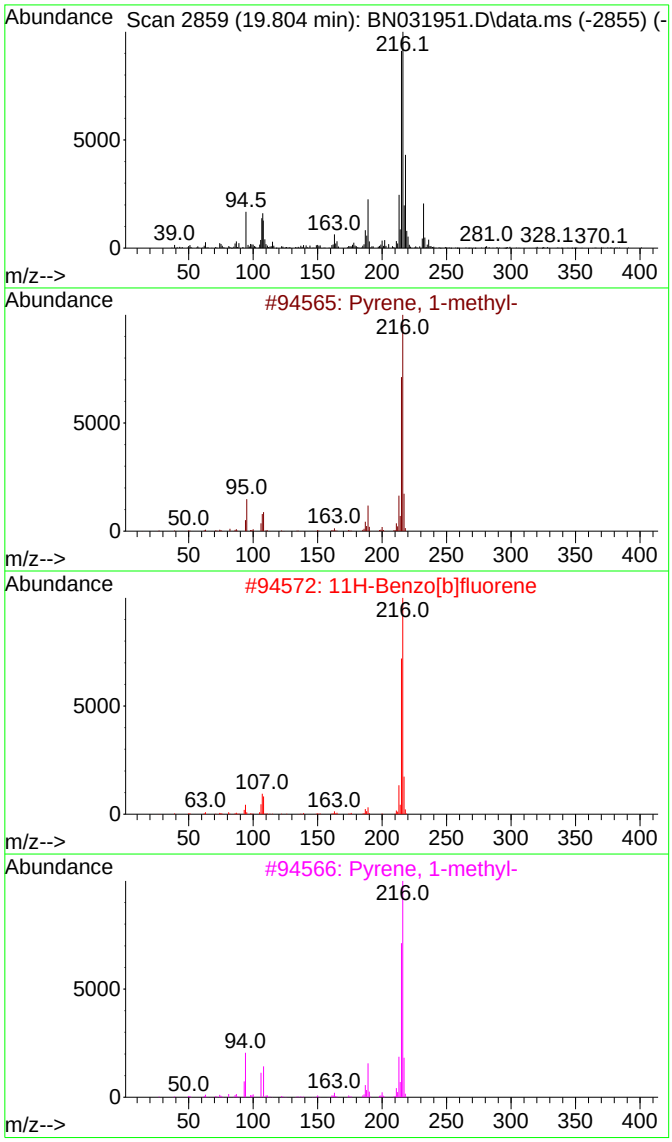
Quant Title : SVOA CALIBRATION

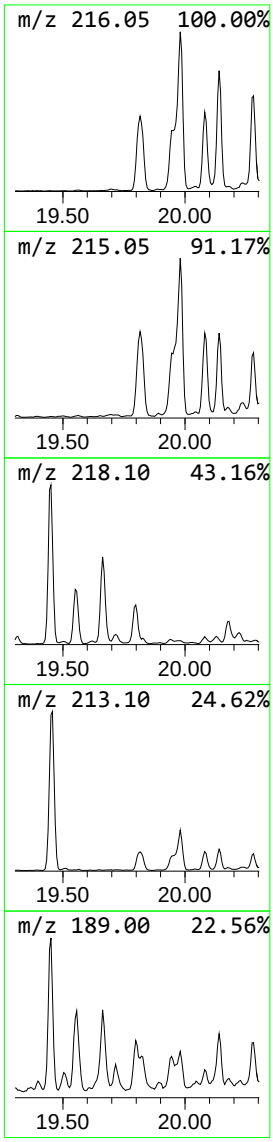
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	2.34 ng/ul	1012450	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





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Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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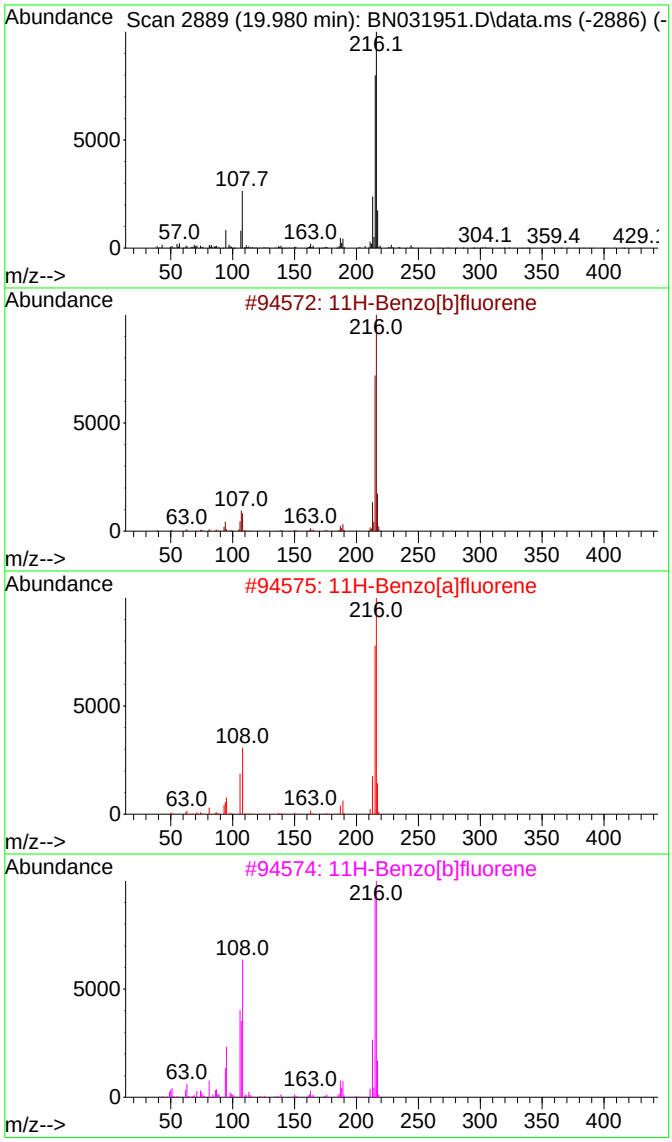
Quant Title : SVOA CALIBRATION

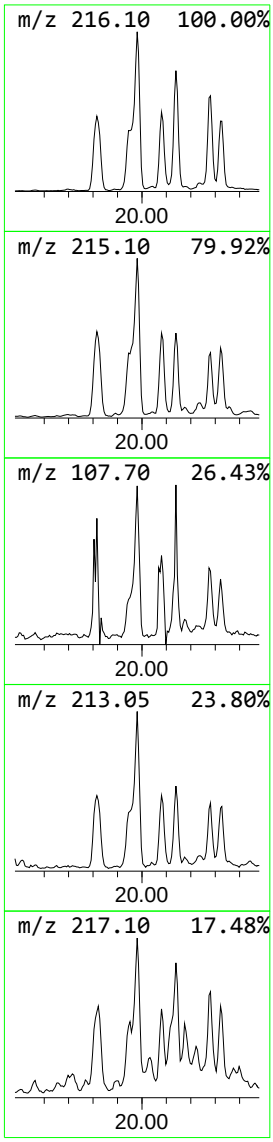
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	2.50 ng/ul	1078390	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

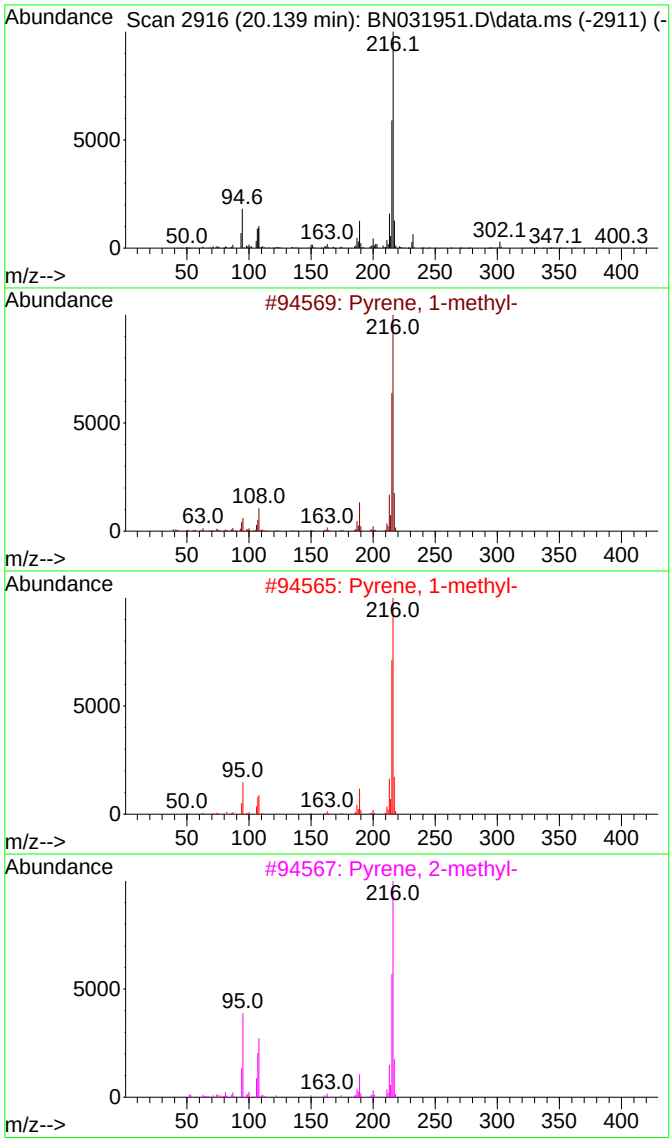
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

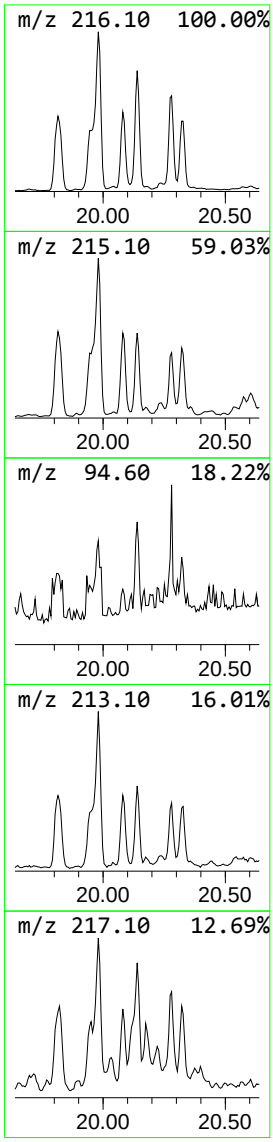
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pyrene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	2.06 ng/ul	888164	Chrysene-d12	21.292

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	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93





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Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

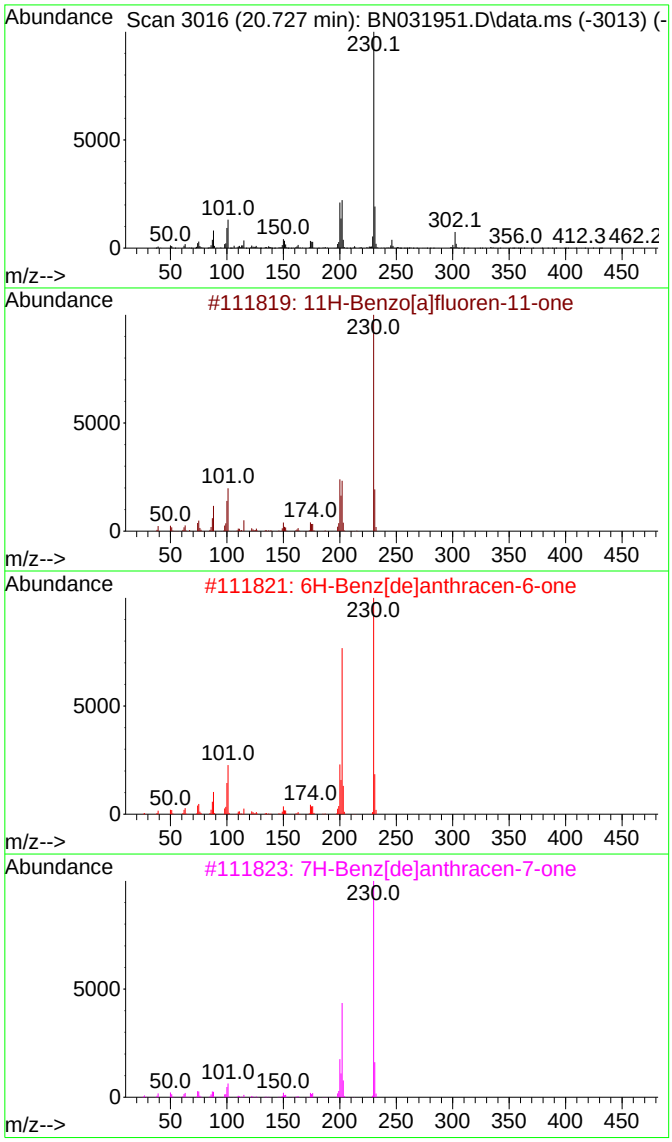
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

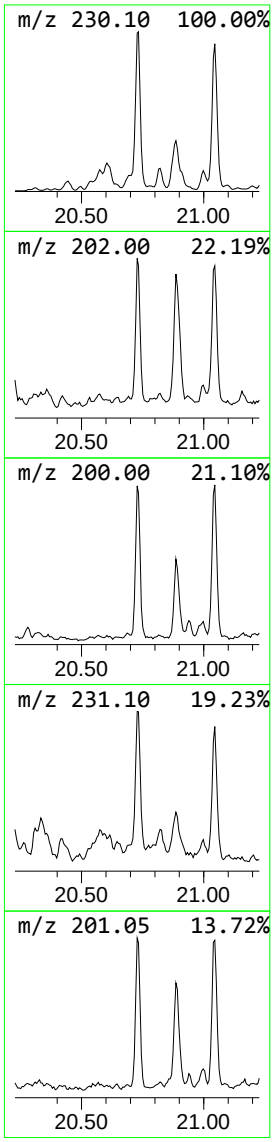
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	2.16 ng/ul	934220	Chrysene-d12	21.292

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





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Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

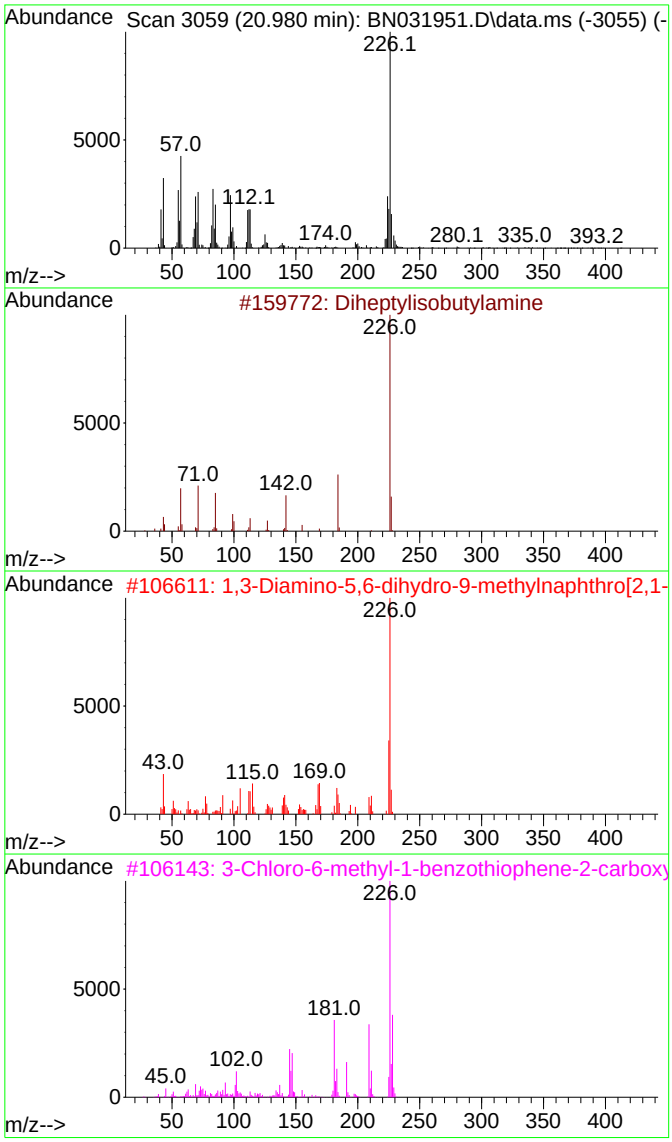
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

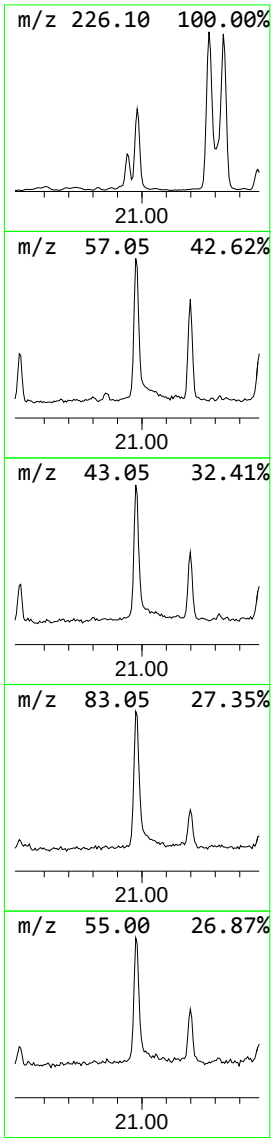
****

Peak Number 24 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	4.01 ng/ul	1734180	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diheptylisobutylamine	269	C18H39N	1000310-32-0	47
2	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
3	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	43
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	43
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

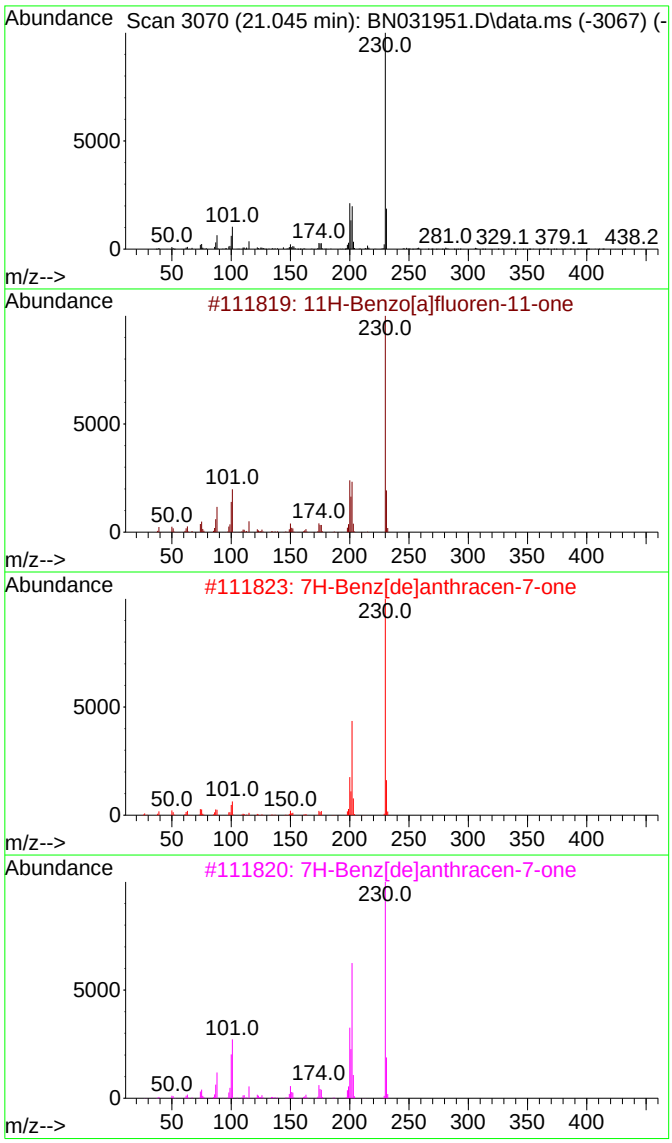
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

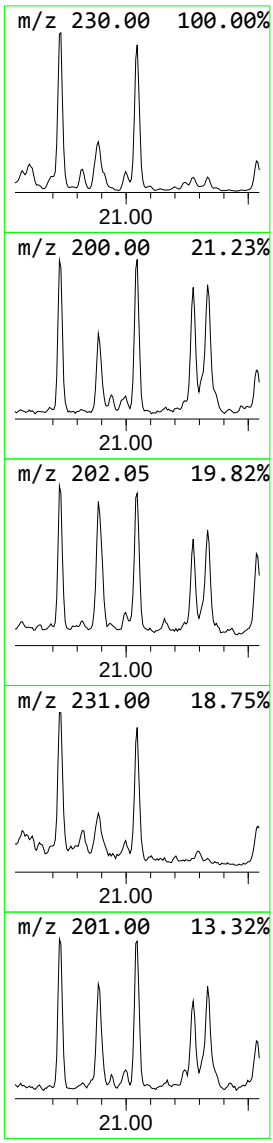
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.85 ng/ul	1230990	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

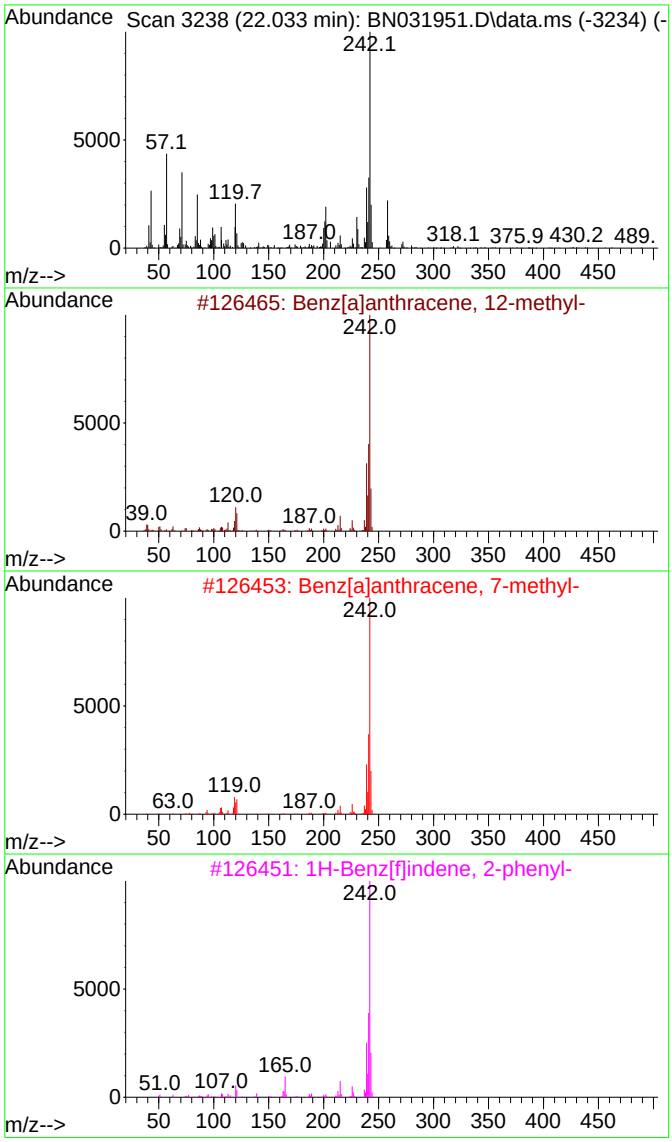
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

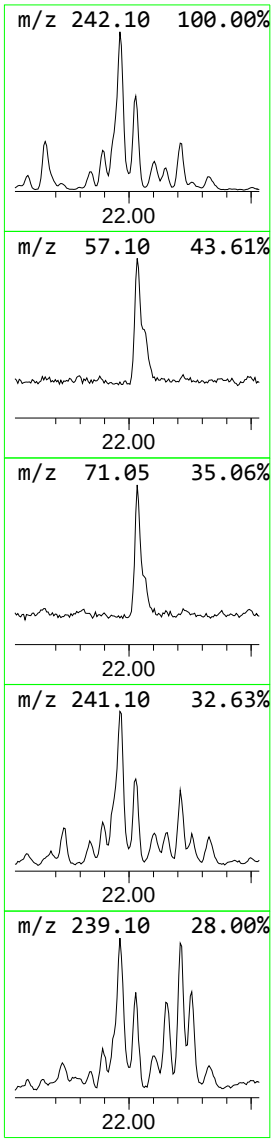
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benz[a]anthracene, 12-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.033	2.06 ng/ul	889232	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH688

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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	3.687	2.0	ng/ul	274799	1	7.657	2699390	20.0
unknown-02	4.793	2.3	ng/ul	308836	1	7.657	2699390	20.0
Benzene, 1-ethy...	6.752	4.4	ng/ul	588091	1	7.657	2699390	20.0
Benzene, 1-meth...	8.199	2.6	ng/ul	348177	1	7.657	2699390	20.0
Benzene, 1,2-di...	8.287	2.9	ng/ul	386338	1	7.657	2699390	20.0
Benzene, 4-ethy...	8.751	2.4	ng/ul	329691	1	7.657	2699390	20.0
1-Phenoxypropan...	11.187	2.1	ng/ul	452285	2	10.445	4213810	20.0
Anthracene, 2-m...	17.927	3.5	ng/ul	841087	4	17.057	4734650	20.0
n-Hexadecanoic ...	17.957	2.3	ng/ul	533929	4	17.057	4734650	20.0
unknown-03	18.122	5.8	ng/ul	1373030	4	17.057	4734650	20.0
Phenanthrene, 1...	18.163	2.5	ng/ul	596165	4	17.057	4734650	20.0
Naphthalene, 2-...	18.433	2.5	ng/ul	591618	4	17.057	4734650	20.0
9,10-Anthracene...	18.480	3.1	ng/ul	745091	4	17.057	4734650	20.0
Phenanthrene, 2...	18.851	3.9	ng/ul	921745	4	17.057	4734650	20.0
Cyclopenta(def)...	18.998	3.4	ng/ul	813113	4	17.057	4734650	20.0
Pyrene, 1-methyl-	19.804	2.3	ng/ul	1012450	5	21.292	8640590	20.0
11H-Benzo[b]flu...	19.980	2.5	ng/ul	1078390	5	21.292	8640590	20.0
Pyrene, 2-methyl-	20.139	2.1	ng/ul	888164	5	21.292	8640590	20.0
11H-Benzo[a]flu...	20.727	2.2	ng/ul	934220	5	21.292	8640590	20.0
unknown-04	20.980	4.0	ng/ul	1734180	5	21.292	8640590	20.0
7H-Benz[de]anth...	21.045	2.9	ng/ul	1230990	5	21.292	8640590	20.0
Benz[a]anthrace...	22.033	2.1	ng/ul	889232	5	21.292	8640590	20.0