LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

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-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	55	rVB	28552	42981	0.87%	0.060%
2	3.711	120	123	137	rBV	39669	72322	1.47%	0.102%
3	3.934	155	161	169	rVB	38276	64759	1.32%	0.091%
4	4.987	336	340	351	rVB	27759	53802	1.09%	0.076%
5	5.922	492	499	505	rBV	28347	46475	0.94%	0.065%
6	7.111	691	701	714	rBV	493274	890400	18.09%	1.251%
7	7.281	724	730	743	rVB	494210	793575	16.12%	1.115%
8	7.481	757	764	772	rBV	566936	900292	18.29%	1.265%
9	7.958	834	845	852	rBV	500824	797239	16.20%	1.120%
10	8.675	960	967	977	rBV	532254	866678	17.61%	1.218%
11	8.799	982	988	994	rVV	51929	90480	1.84%	0.127%
12	9.134	1038	1045	1052	rVV	599284	997885	20.27%	1.402%
13	9.863	1161	1169	1180	rBV	511427	844090	17.15%	1.186%
14	10.405	1254	1261	1271	rVB	720840	1216440	24.71%	1.709%
15	10.563	1281	1288	1299	rBV	79100	152955	3.11%	0.215%
16	10.787	1315	1326	1332	rBV	780835	1326891	26.96%	1.864%
17	10.834	1332	1334	1341	rVB	61924	87820	1.78%	0.123%
18	10.928	1343	1350	1360	rBV	485584	836399	16.99%	1.175%
19	12.451	1603	1609	1617	rVB	78946	127942	2.60%	0.180%
20	12.675	1641	1647	1654	rVB	66140	104941	2.13%	0.147%
21	13.446	1770	1778	1785	rBV2	33329	73830	1.50%	0.104%
22	13.951	1858	1864	1869	rBV	58048	100358	2.04%	0.141%
23	14.004	1869	1873	1874	rVV	41296	51106	1.04%	0.072%
24	14.040	1874	1879	1885	rVV	1350541	1874810	38.09%	2.634%
25	14.098	1885	1889	1894	rVB2	27081	45536	0.93%	0.064%
26	14.322	1921	1927	1945	rVB3	1488294	2619202	53.21%	3.680%
27	14.516	1953	1960	1967	rVB	32389	43066	0.87%	0.061%
28	14.628	1969	1979	1986	rBV	1148910	1758579	35.73%	2.471%
29	14.693	1986	1990	1997	rVB2	40388	75666	1.54%	0.106%
30	14.834	2008	2014	2023	rBV	285916	444314	9.03%	0.624%
31	15.028	2043	2047	2056	rVB2	89121	193270	3.93%	0.272%
32	15.245	2074	2084	2089	rBV6	22808	48877	0.99%	0.069%
33	15.416	2105	2113	2116	rBV4	31204	60020	1.22%	0.084%
34	15.463	2116	2121	2125	rVB2	29823	42391	0.86%	0.060%
35	15.628	2140	2149	2154	rBV	1883205	2822255	57.34%	3.966%
36	15.681	2154	2158	2164	rVB2	129520	204302	4.15%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

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-BN101222.M
Title : SVOA CALIBRATION

37	15.745	2164	2169	2176	rBV	329186	457031	9.29%	0.642%
38	15.875	2182	2191	2200	rBV7	34978	97516	1.98%	0.137%
39	15.975	2203	2208	2213	rVV	63690	104483	2.12%	0.147%
40	16.122	2229	2233	2241	rVB	72055	138991	2.82%	0.195%
41	16.357	2265	2273	2278	rVV2	103717	208666	4.24%	0.293%
42	16.687	2323	2329	2334	rVB2	46017	80442	1.63%	0.113%
43	16.916	2362	2368	2372	rBV2	56871	104582	2.12%	0.147%
44	17.039	2384	2389	2395	rVB	99875	157622	3.20%	0.221%
45	17.128	2397	2404	2408	rVV2	65818	153483	3.12%	0.216%
46	17.204	2408	2417	2425	rVB	126257	235436	4.78%	0.331%
47	17.386	2442	2448	2451	rBV	1342057	1935321	39.32%	2.719%
48	17.428	2451	2455	2460	rVV	1459875	2010871	40.85%	2.825%
49	17.486	2460	2465	2469	rVV2	1986196	3024865	61.45%	4.250%
50	17.516	2469	2470	2475	rVV	429461	461877	9.38%	0.649%
51	17.581	2475	2481	2491	rVB5	46370	108407	2.20%	0.152%
52	17.663	2491	2495	2499	rBV2	34127	56397	1.15%	0.079%
53	17.792	2509	2517	2521	rBV	143092	233222	4.74%	0.328%
54	17.875	2527	2531	2534	rBV2	40319	45152	0.92%	0.063%
55	17.910	2534	2537	2542	rVB2	39768	53957	1.10%	0.076%
56	17.975	2543	2548	2555	rVB6	51285	97976	1.99%	0.138%
57	18.051	2557	2561	2567	rVV5	28949	52349	1.06%	0.074%
58	18.110	2568	2571	2576	rVB2	31043	48667	0.99%	0.068%
59	18.269	2593	2598	2602	rBV2	345012	548578	11.14%	0.771%
60	18.316	2602	2606	2611	rVB	397772	540927	10.99%	0.760%
61	18.392	2615	2619	2624	rVB	167114	217789	4.42%	0.306%
62	18.463	2625	2631	2635	rBV2	550952	952665	19.35%	1.339%
63	18.498	2635	2637	2644	rVB	211136	231569	4.70%	0.325%
64	18.569	2646	2649	2654	rVB2	73094	90540	1.84%	0.127%
65	18.616	2654	2657	2661	rBV3	48320	70855	1.44%	0.100%
66	18.704	2669	2672	2676	rBV5	32965	57480	1.17%	0.081%
67	18.769	2678	2683	2687	rVV	222714	293373	5.96%	0.412%
68	18.810	2687	2690	2695	rVV	128238	171362	3.48%	0.241%
69	19.016	2722	2725	2730	rVV4	41847	53762	1.09%	0.076%
70	19.063	2730	2733	2736	rVV	76327	93614	1.90%	0.132%
71	19.104	2737	2740	2744	rVB	68635	84407	1.71%	0.119%
72	19.186	2749	2754	2759	rBV2	171906	371998	7.56%	0.523%
73	19.328	2774	2778	2786	rVB2	276974	505350	10.27%	0.710%
74	19.451	2794	2799	2805	rVB	3361350	4592125	93.29%	6.452%
75	19.516	2807	2810	2813	rVB	58482	59377	1.21%	0.083%
76	19.551	2813	2816	2820	rVB2	130037	164539	3.34%	0.231%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

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-BN101222.M
Title : SVOA CALIBRATION

77	19.604	2820	2825	2829	rBV	444201	617733	12.55%	0.868%
78	19.698	2837	2841	2849	rVB3	176001	386629	7.85%	0.543%
79	19.786	2850	2856	2859	rVV2	2623032	4028342	81.84%	5.660%
80	19.816	2859	2861	2869	rVV	2783574	3372643	68.52%	4.739%
81	19.886	2869	2873	2879	rVB3	208805	316890	6.44%	0.445%
82	19.992	2887	2891	2897	rBV	252546	313946	6.38%	0.441%
83	20.145	2910	2917	2922	rBV2	311023	773503	15.71%	1.087%
84	20.286	2934	2941	2942	rBV4	287006	587899	11.94%	0.826%
85	20.310	2942	2945	2950	rVB2	745899	1005018	20.42%	1.412%
86	20.410	2958	2962	2966	rBV2	482307	619359	12.58%	0.870%
87	20.469	2966	2972	2977	rVB2	354032	644323	13.09%	0.905%
88	20.610	2993	2996	2999	rBV	224890	257479	5.23%	0.362%
89	20.657	3000	3004	3008	rVB2	298911	389615	7.92%	0.547%
90	20.816	3029	3031	3035	rVB2	148550	157399	3.20%	0.221%
91	21.063	3069	3073	3080	rVB	344557	472204	9.59%	0.663%
92	21.280	3105	3110	3113	rBV2	718511	1188295	24.14%	1.670%
93	21.363	3120	3124	3131	rVB2	367232	561845	11.41%	0.789%
94	21.575	3155	3160	3166	rBV2	2259119	4922214	100.00%	6.916%
95	21.627	3166	3169	3178	rVB	1404811	1994766	40.53%	2.803%
96	23.298	3446	3453	3458	rBV2	1100123	3111892	63.22%	4.373%
97	23.839	3541	3545	3549	rBV	347699	590829	12.00%	0.830%
98	23.898	3549	3555	3559	rVV	904920	1822546	37.03%	2.561%
99	23.945	3559	3563	3573	rVV2	951008	2185635	44.40%	3.071%
100	24.057	3577	3582	3588	rVB2	574394	1108336	22.52%	1.557%

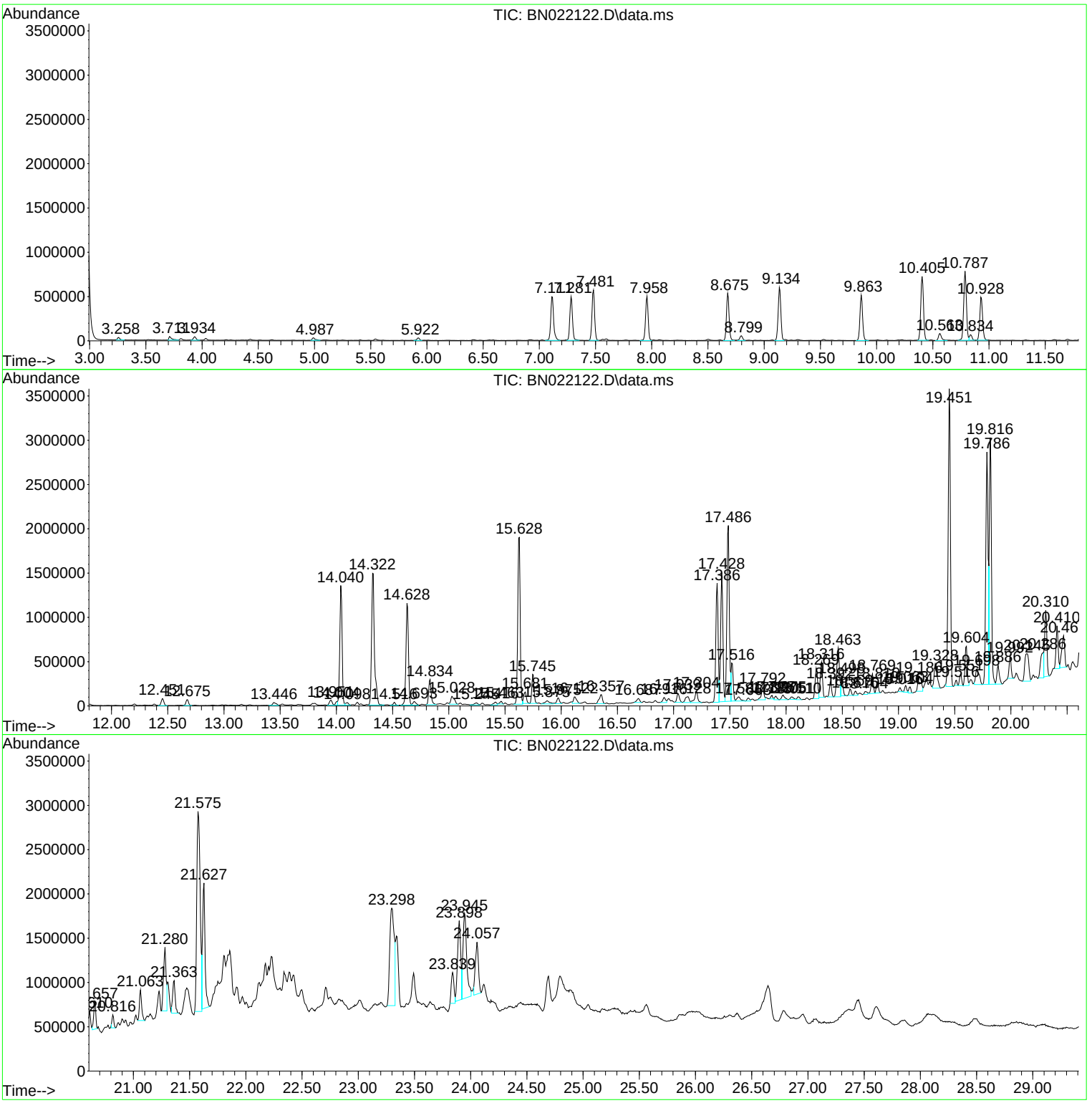
Sum of corrected areas: 71168911

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

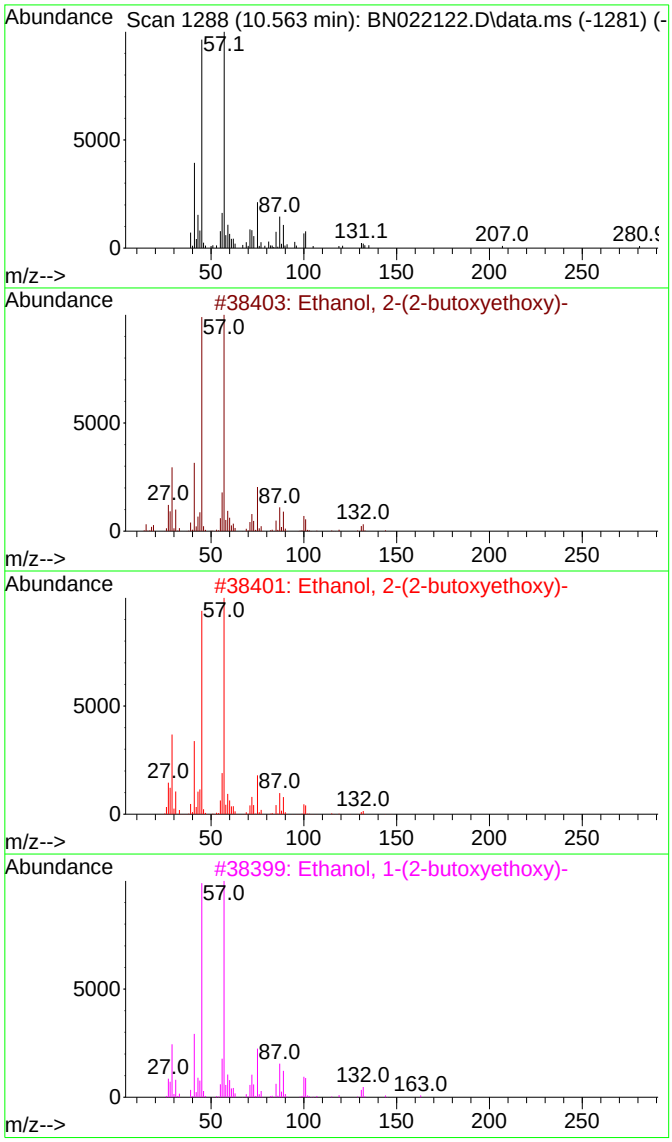
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

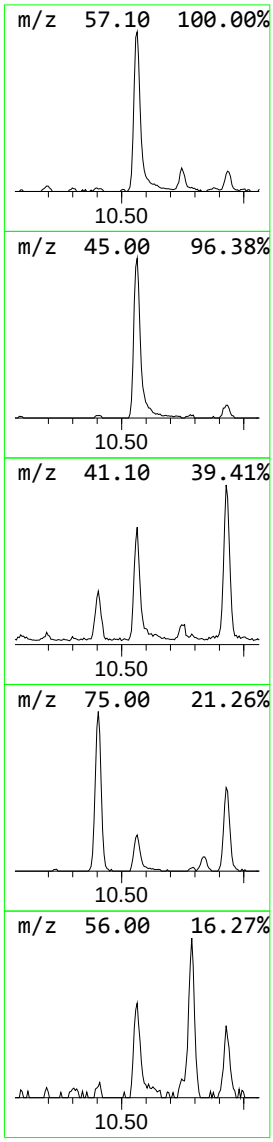
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	2.31 ng/ul	152955	Naphthalene-d8	10.787

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

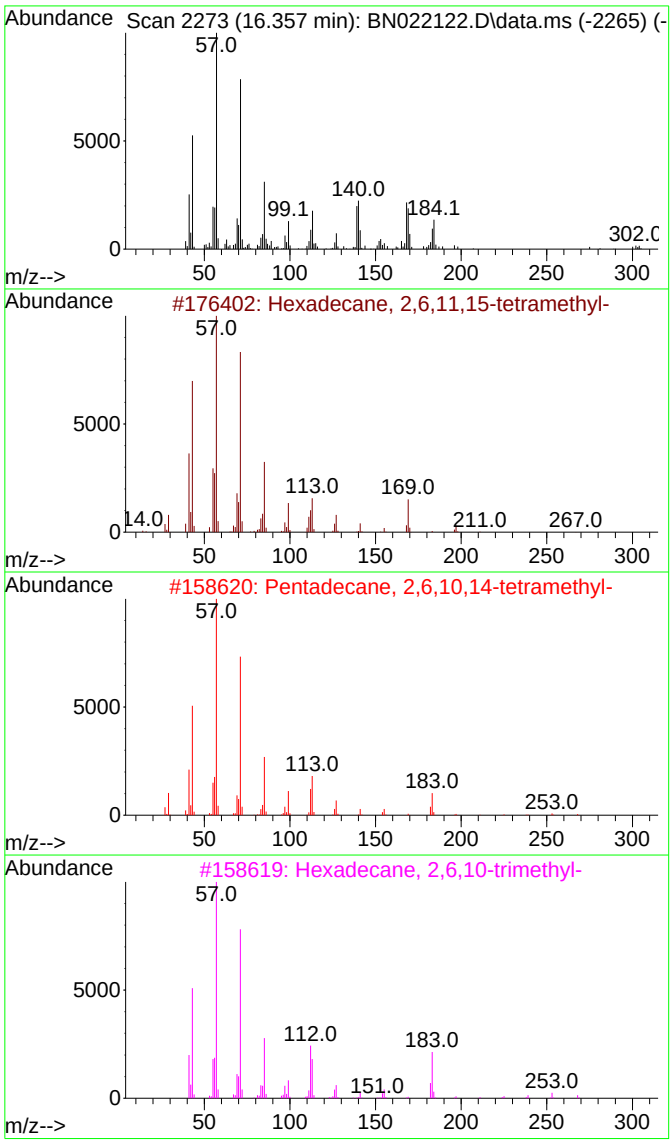
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

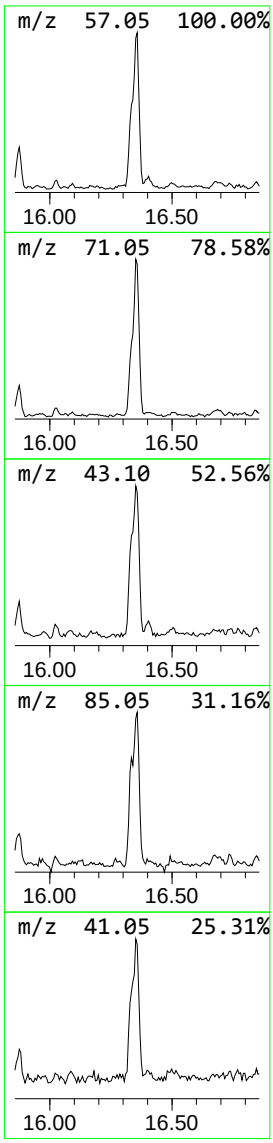
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.357	2.16 ng/ul	208666	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	49
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

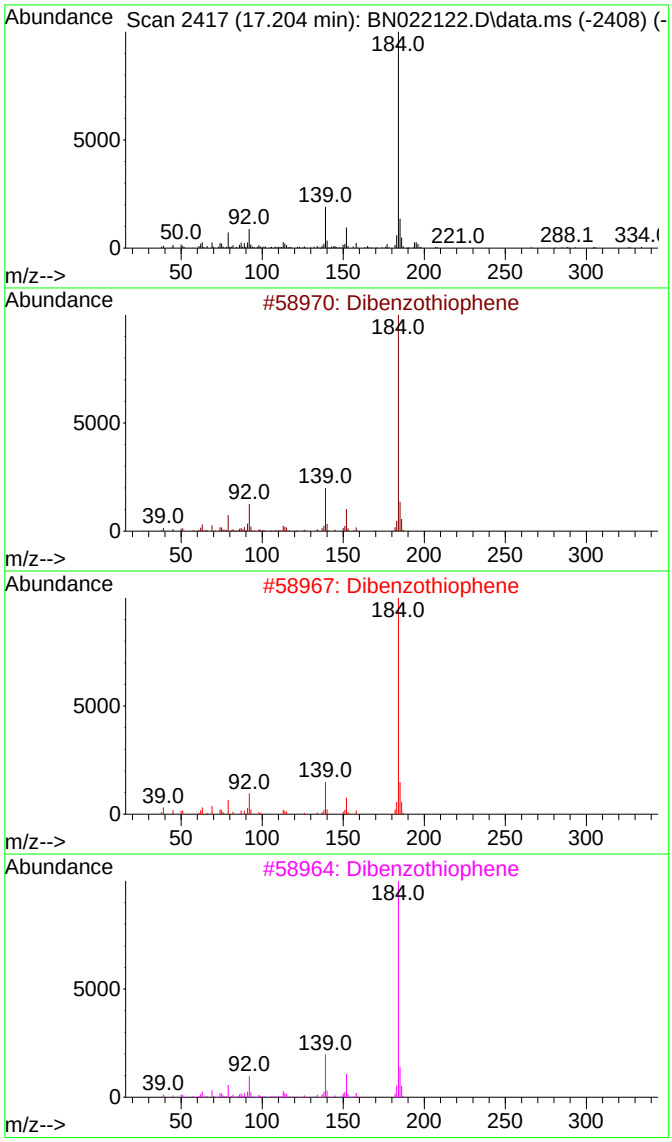
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

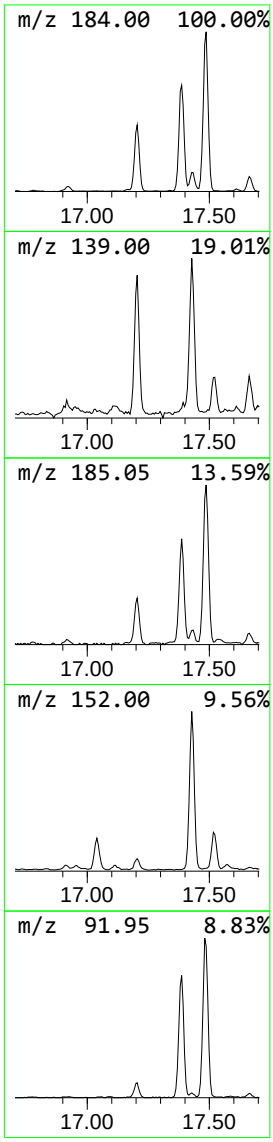
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.204	2.43 ng/ul	235436	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

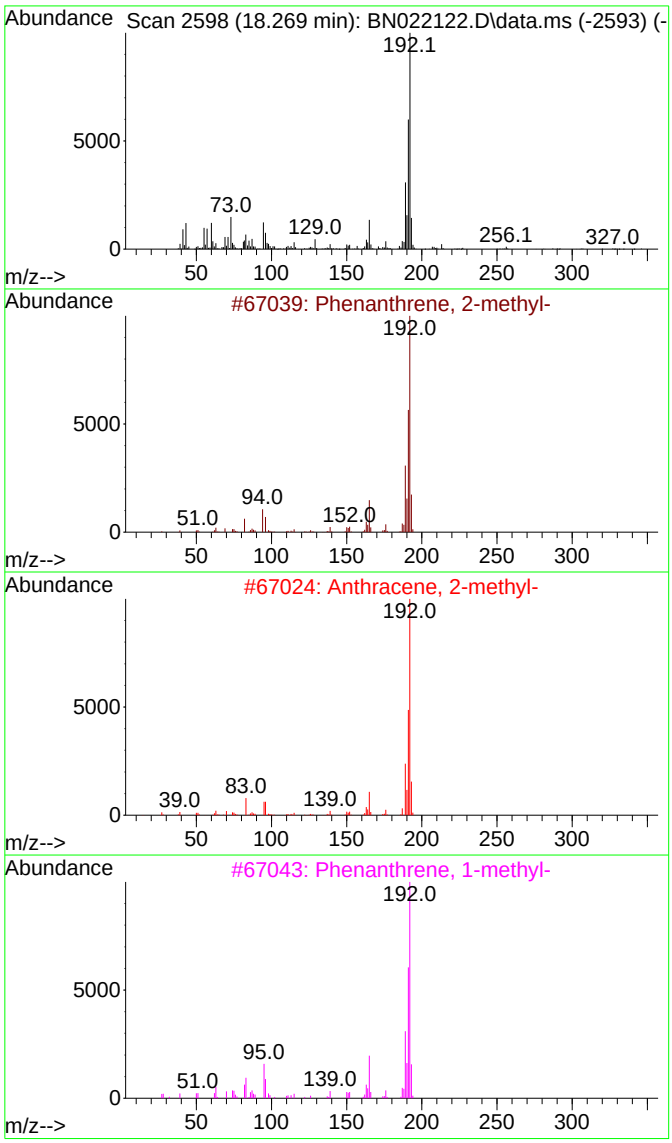
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

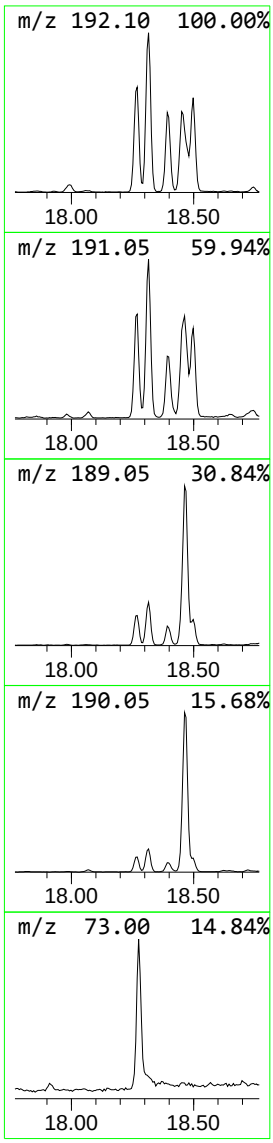
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	5.67 ng/ul	548578	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

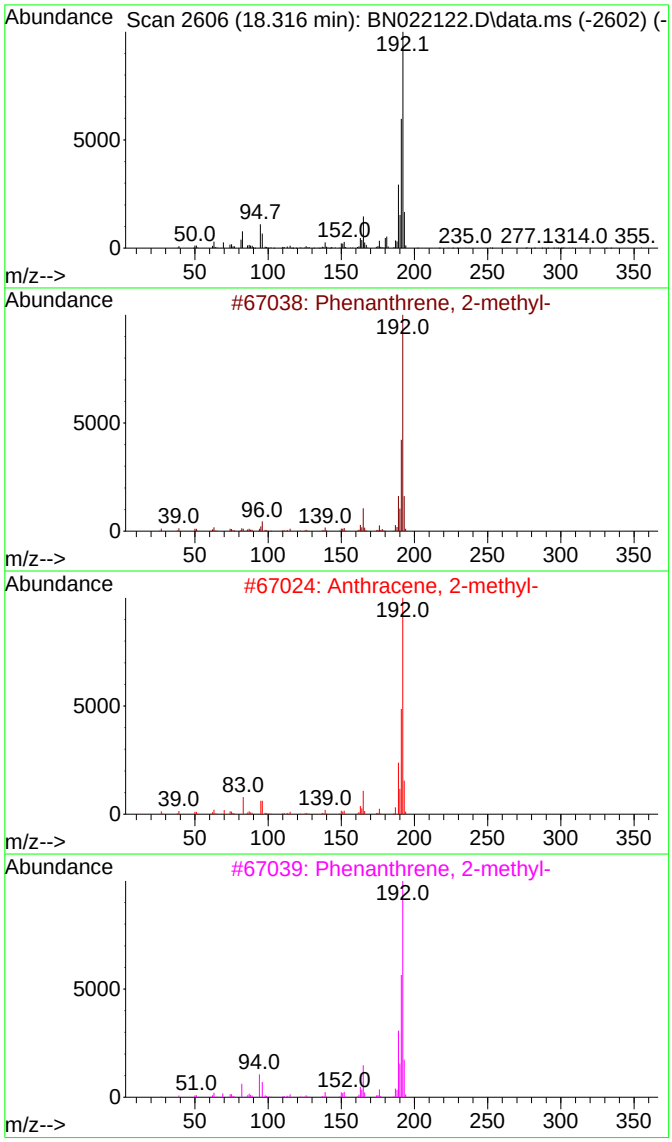
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

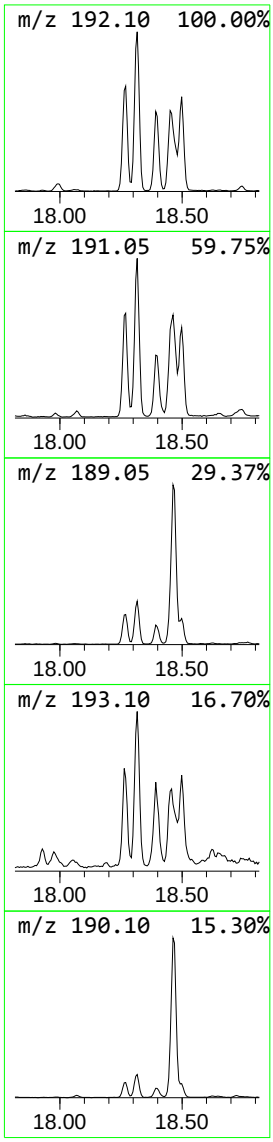
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	5.59 ng/ul	540927	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

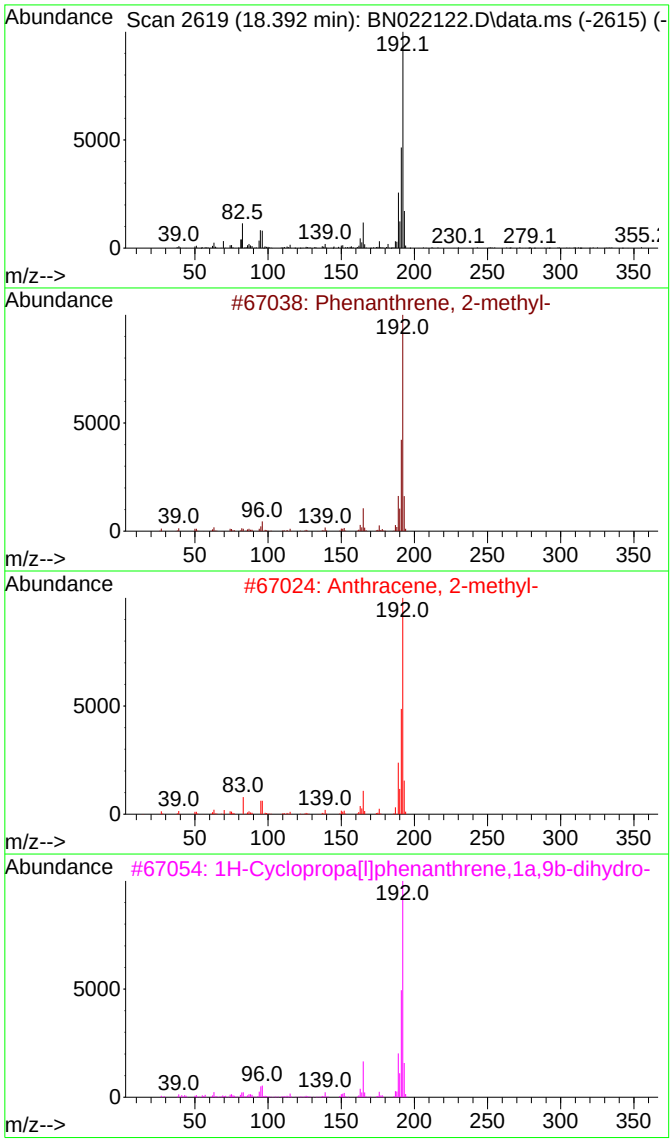
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

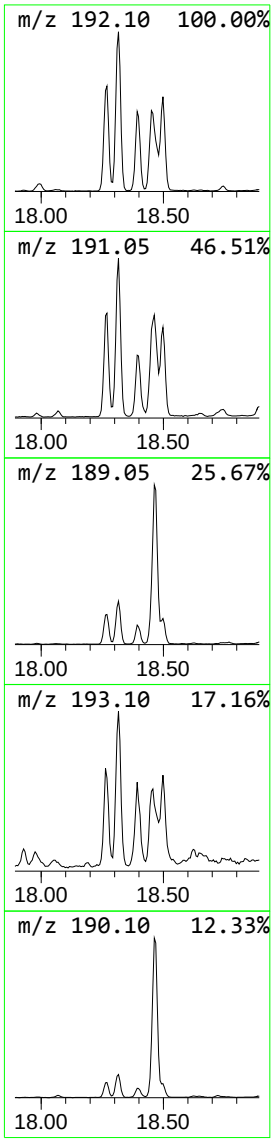
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	2.25 ng/ul	217789	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

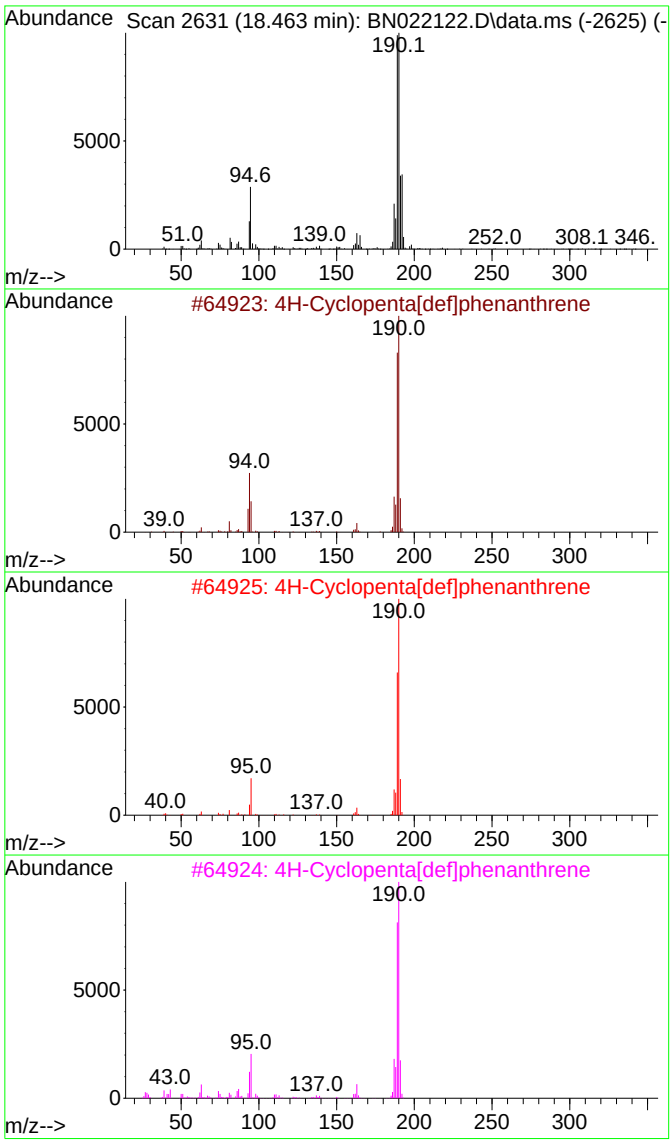
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

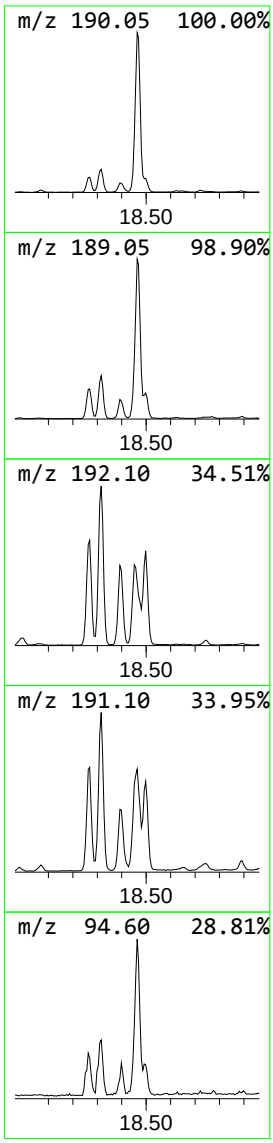
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	9.85 ng/ul	952665	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

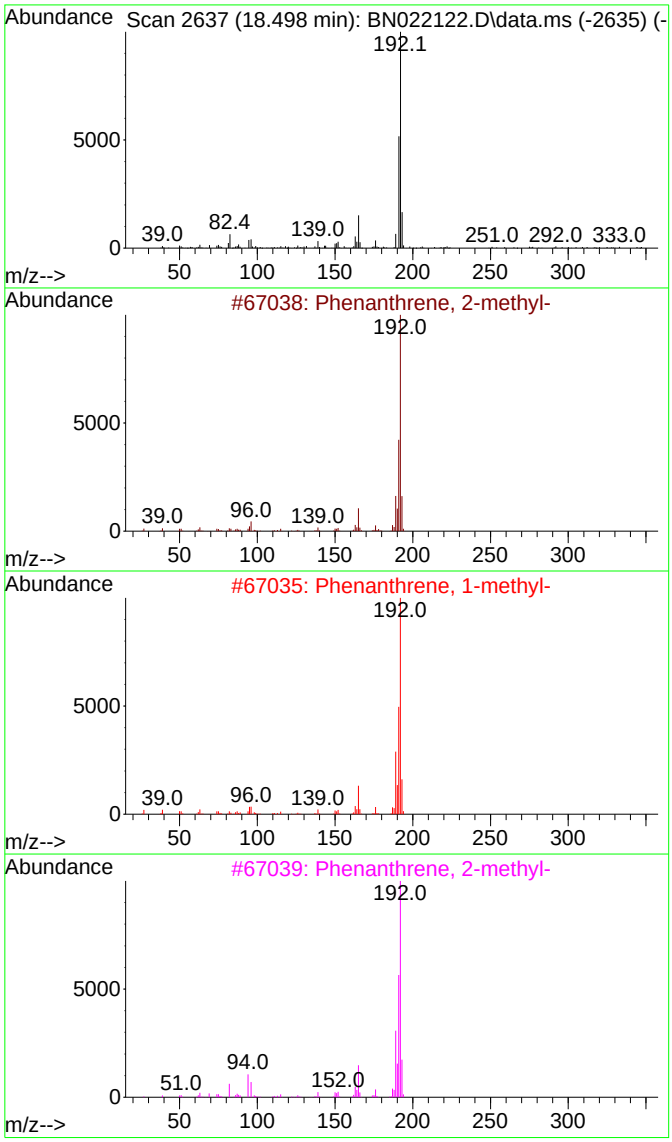
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

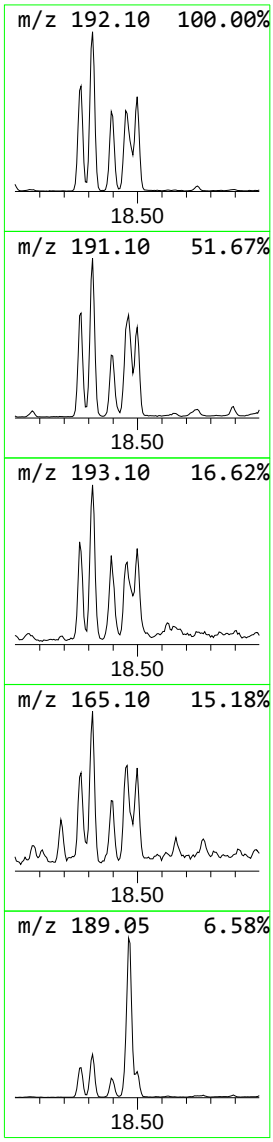
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	2.39 ng/ul	231569	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

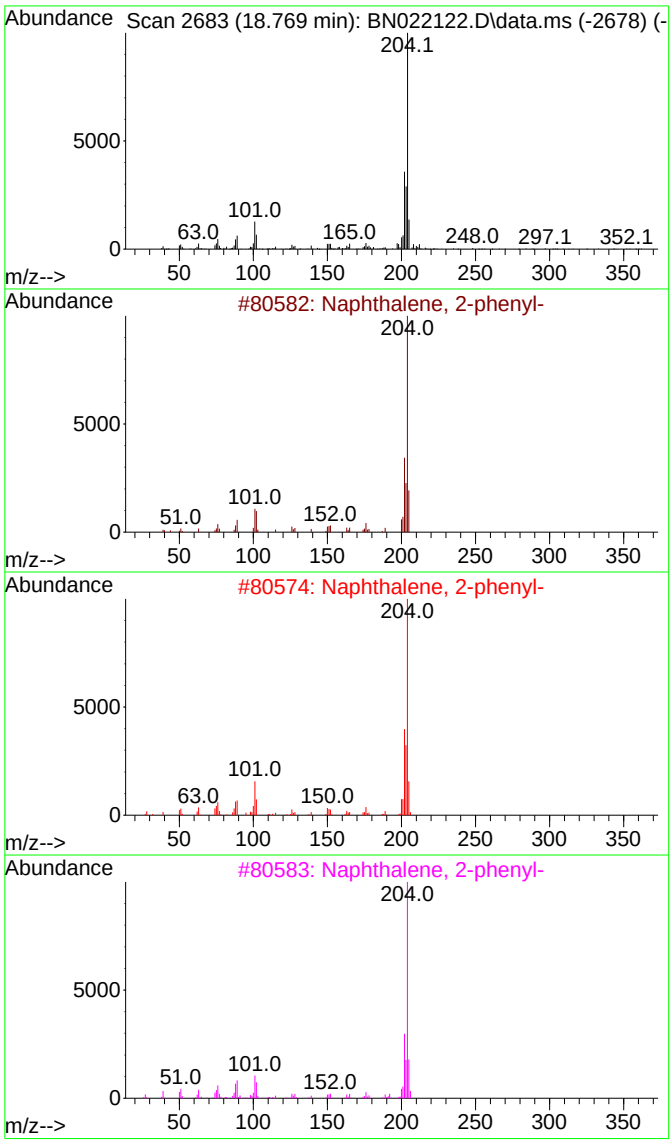
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

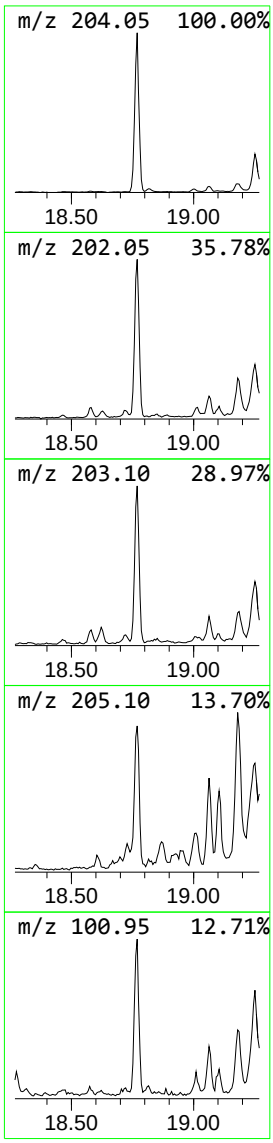
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	3.03 ng/ul	293373	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

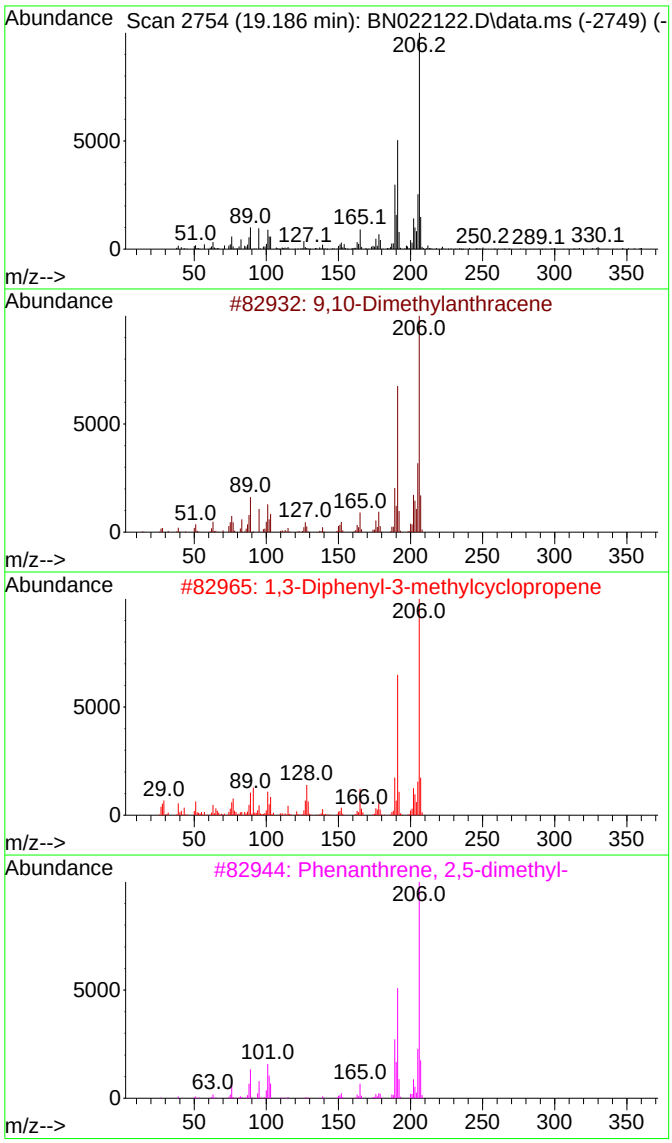
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

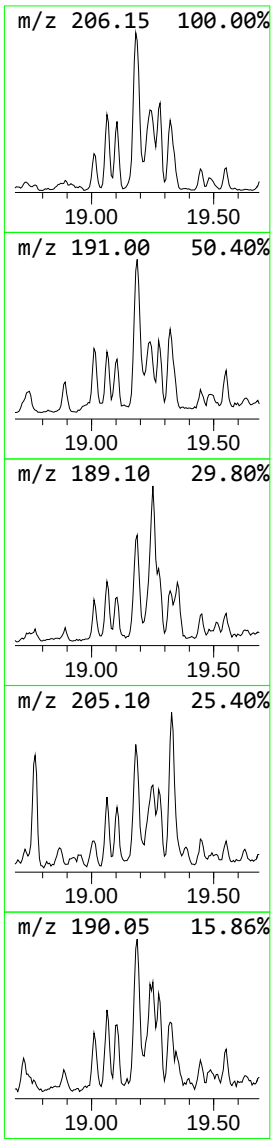
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	3.84 ng/ul	371998	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	96
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

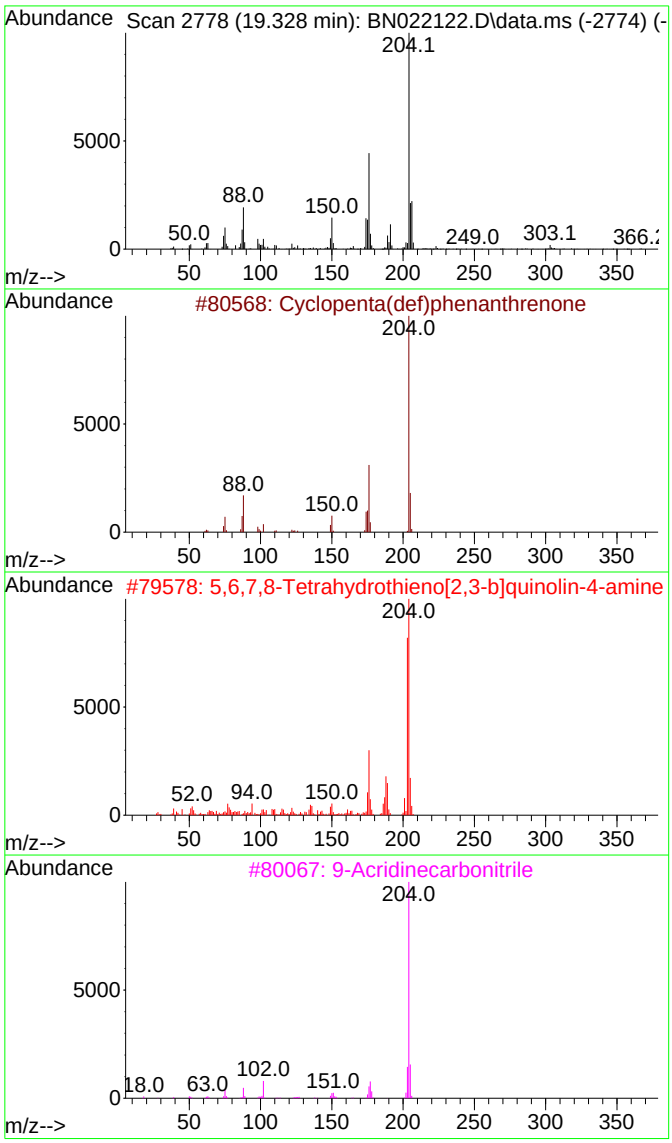
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

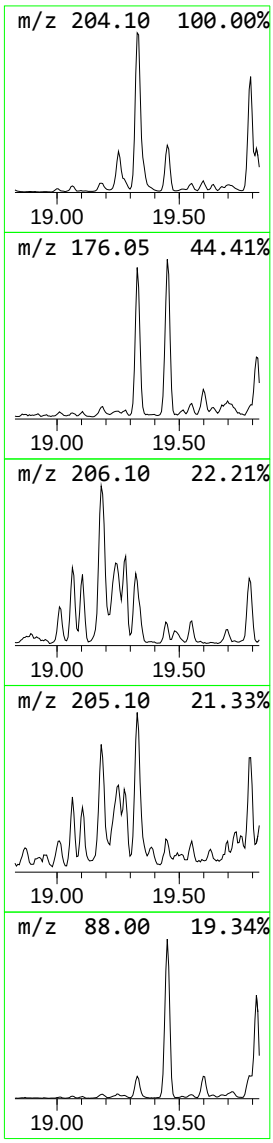
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.328	5.22 ng/ul	505350	Phenanthrene-d10	17.387

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	47
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

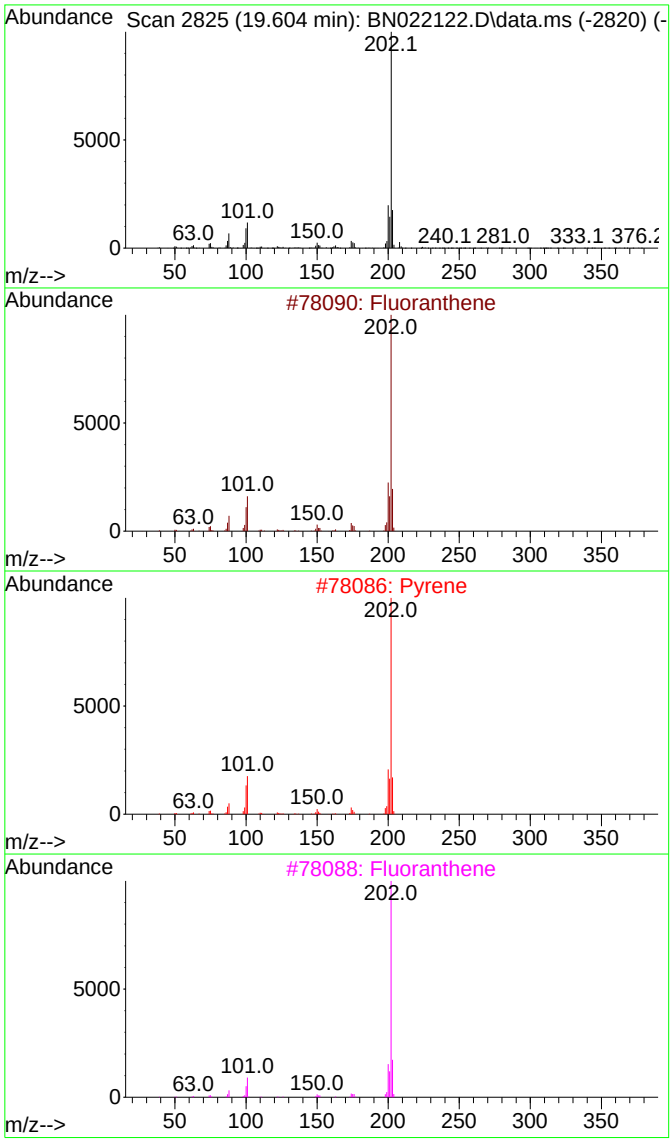
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

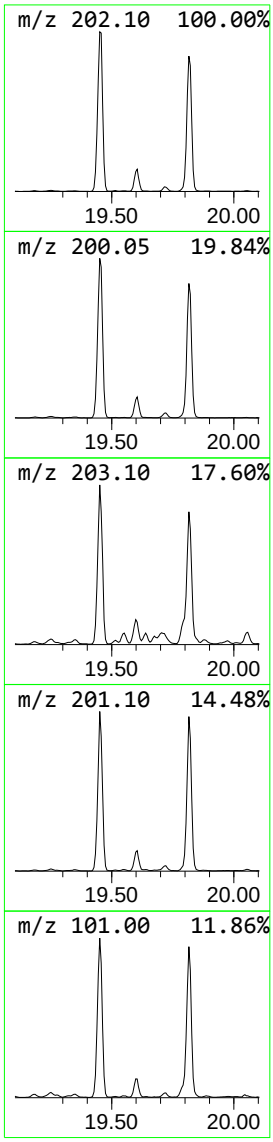
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.604	2.51 ng/ul	617733	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	98
2	Pyrene	202	C16H10	000129-00-0	96
3	Fluoranthene	202	C16H10	000206-44-0	95
4	Pyrene	202	C16H10	000129-00-0	90
5	Pyrene	202	C16H10	000129-00-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

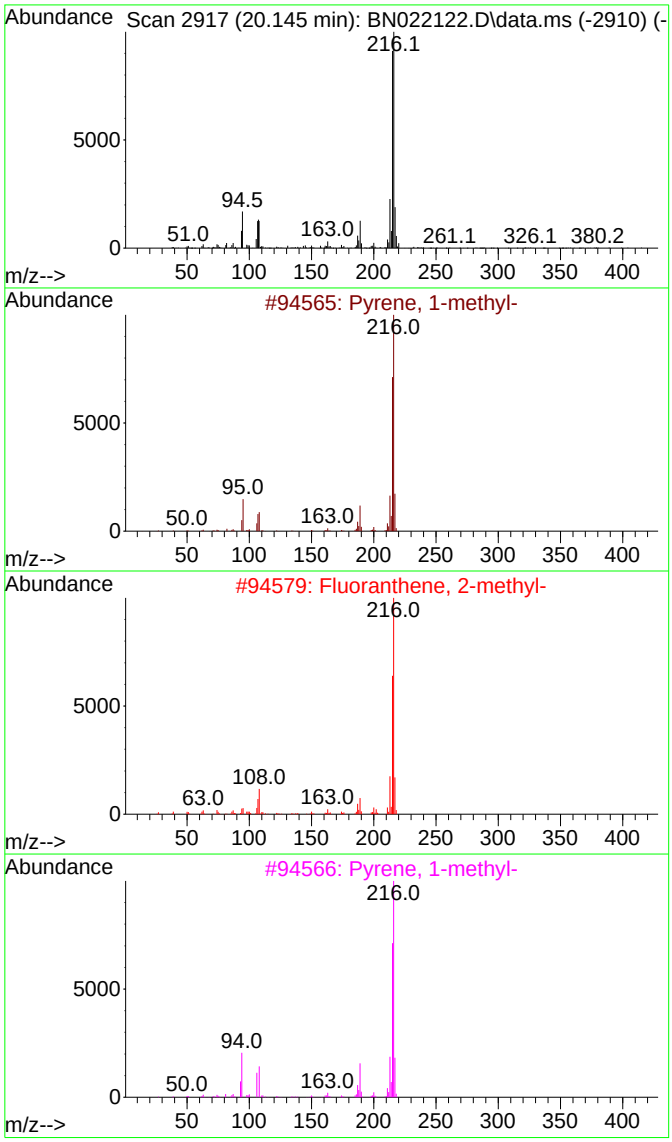
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

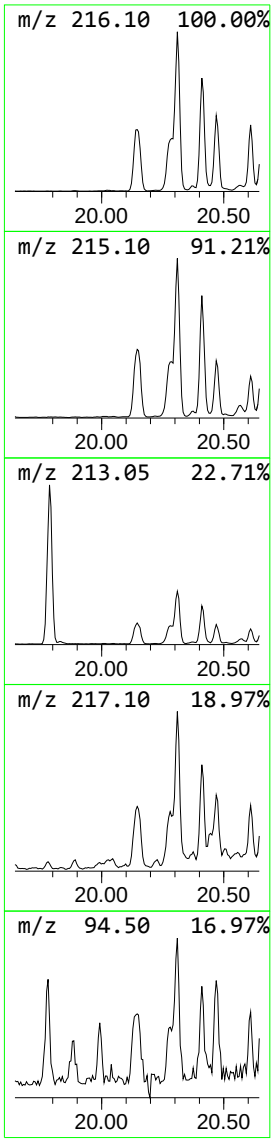
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	3.14 ng/ul	773503	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

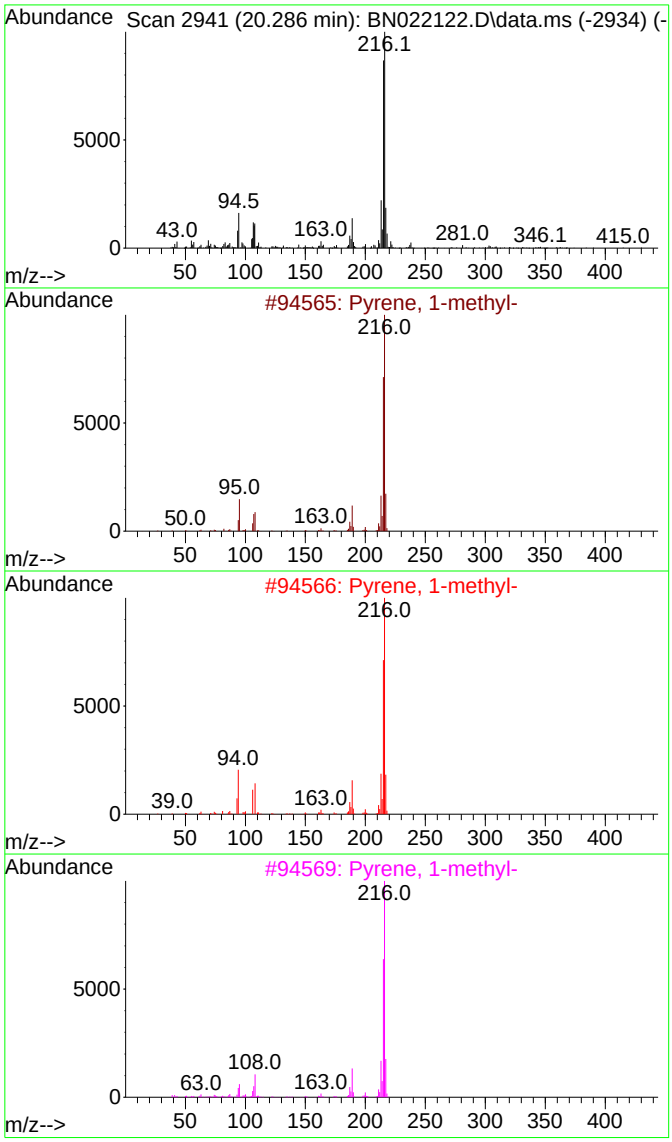
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

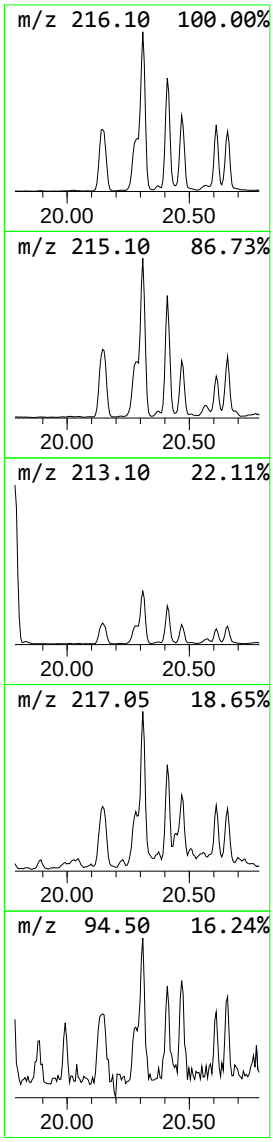
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	2.39 ng/ul	587899	Chrysene-d12	21.586

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

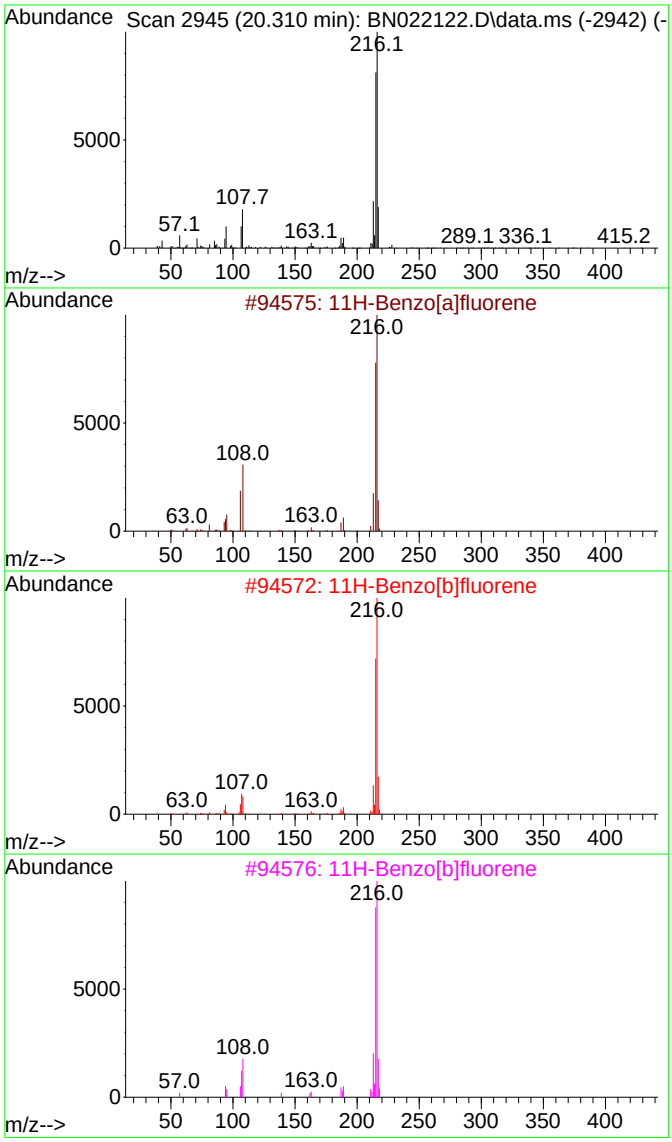
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

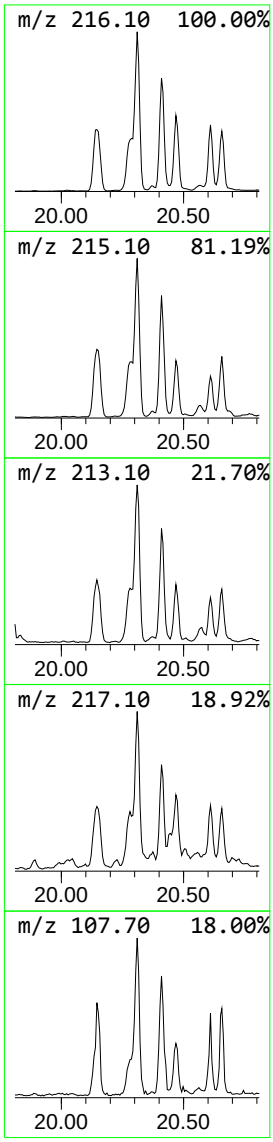
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	4.08 ng/ul	1005020	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

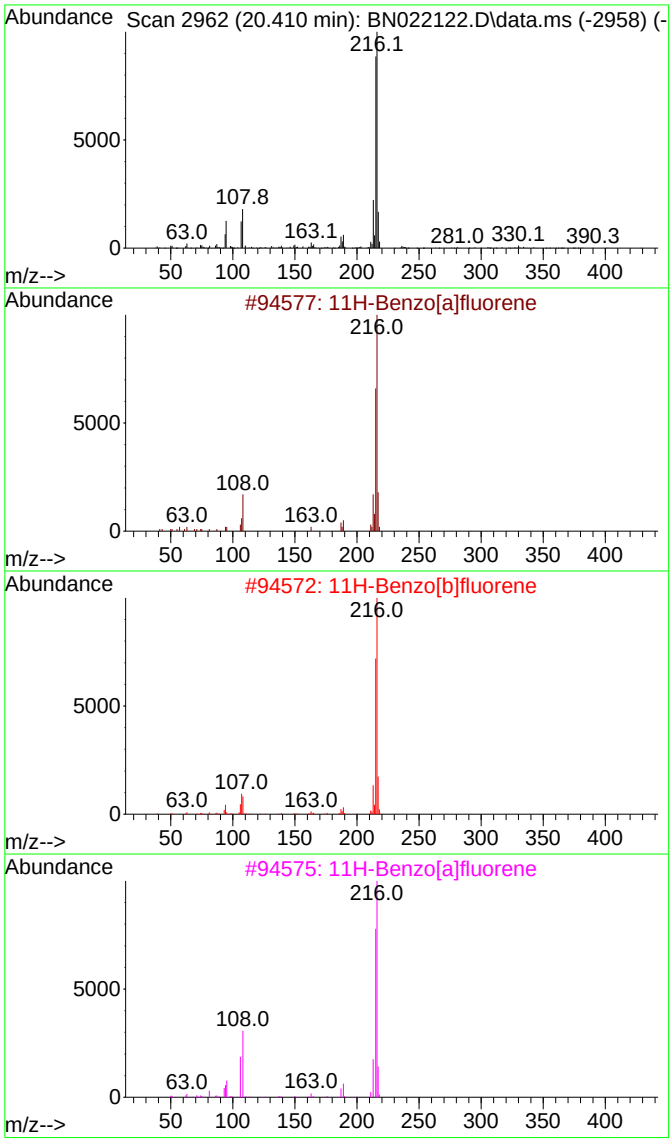
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

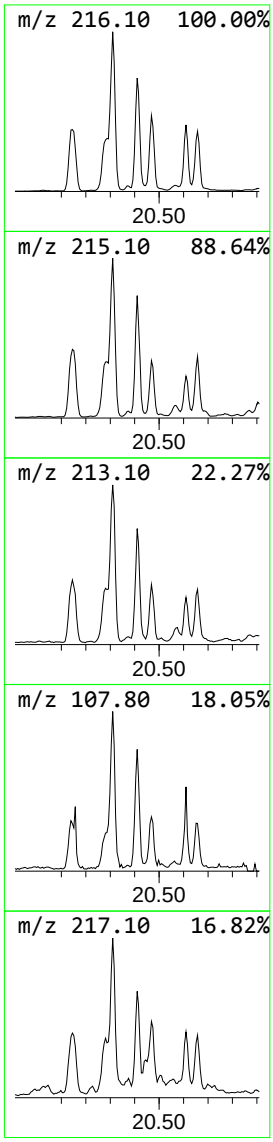
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.410	2.52 ng/ul	619359	Chrysene-d12	21.586

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

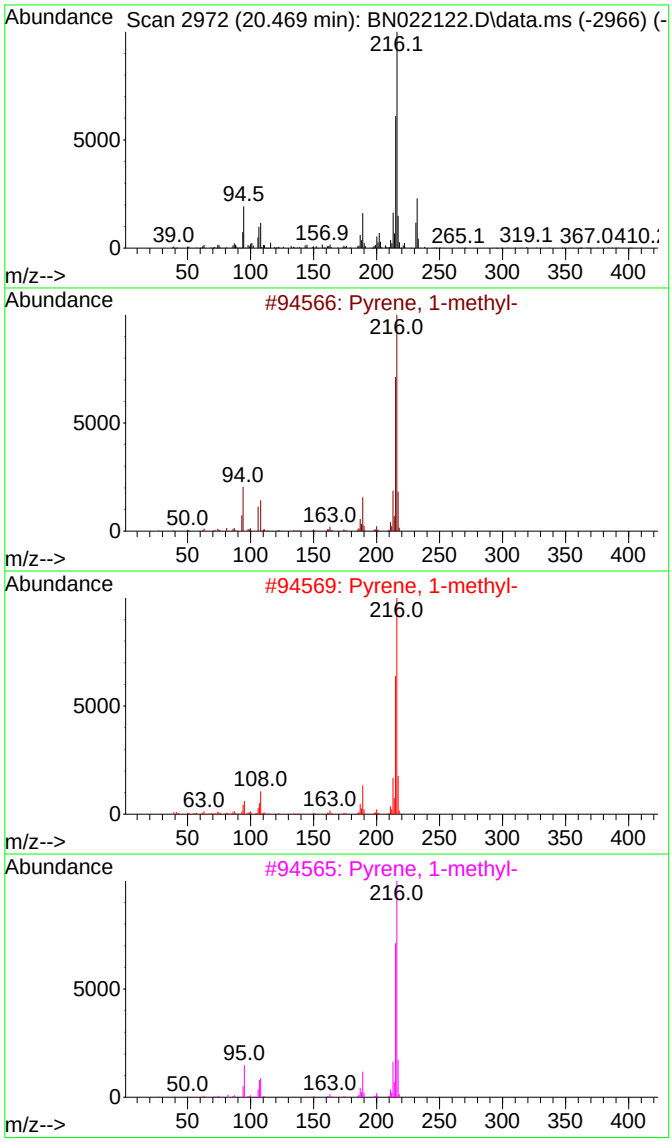
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

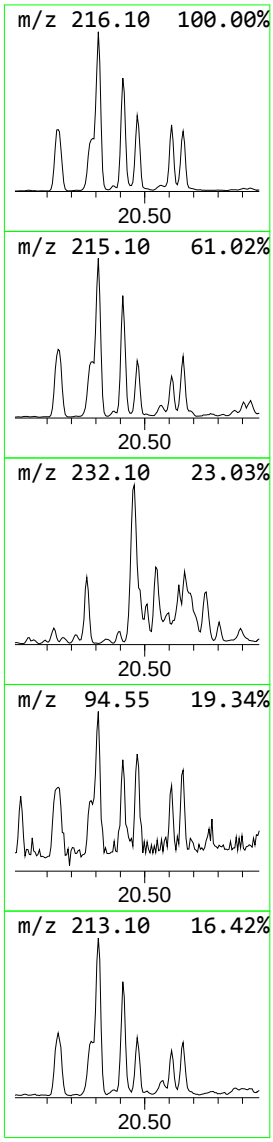
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.469	2.62 ng/ul	644323	Chrysene-d12	21.586

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, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

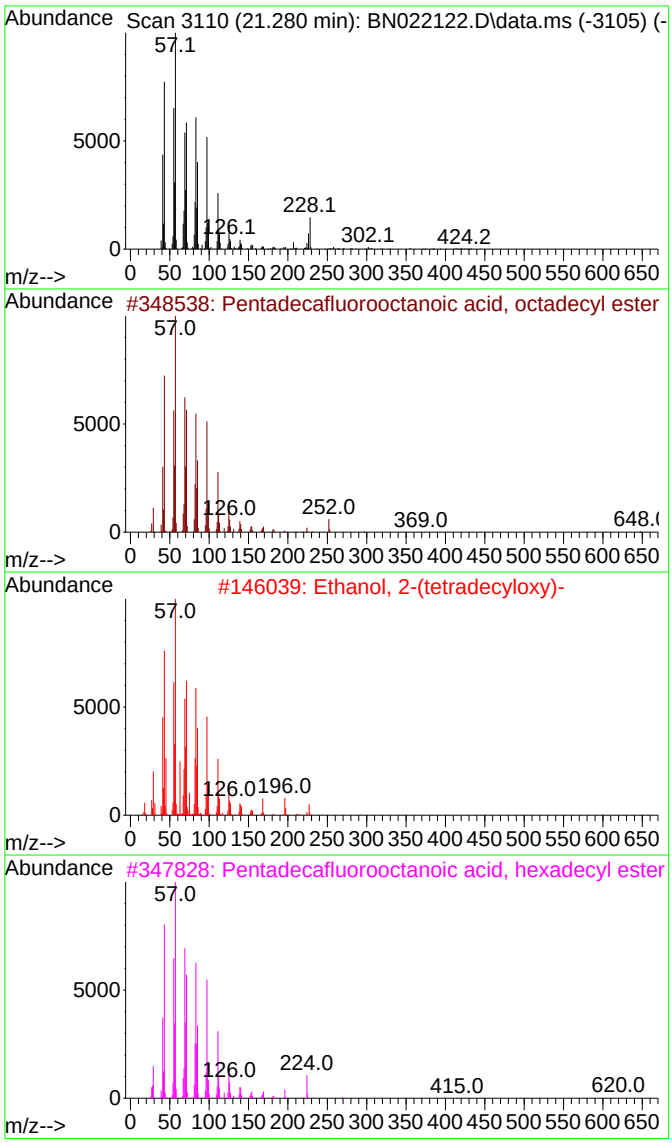
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

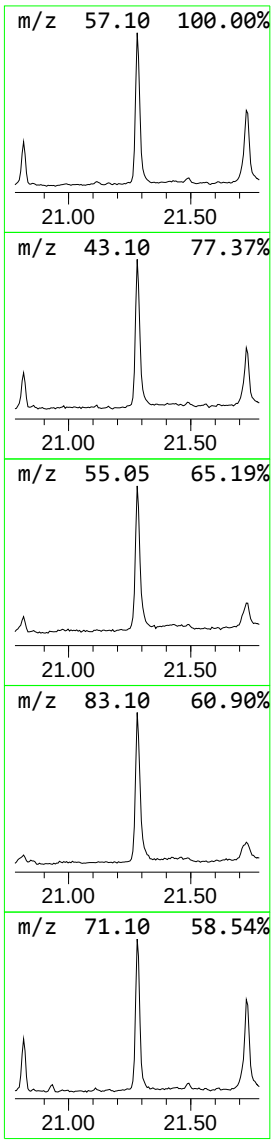
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	4.83 ng/ul	1188300	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	91
4	Cyclohexadecane	224	C16H32	000295-65-8	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

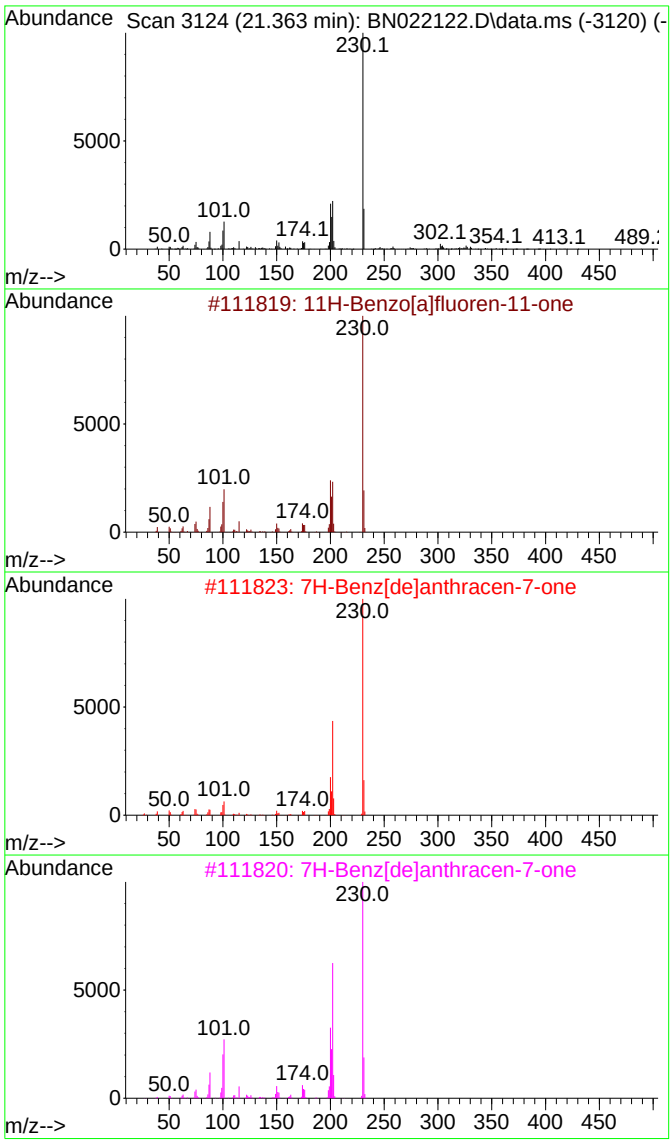
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

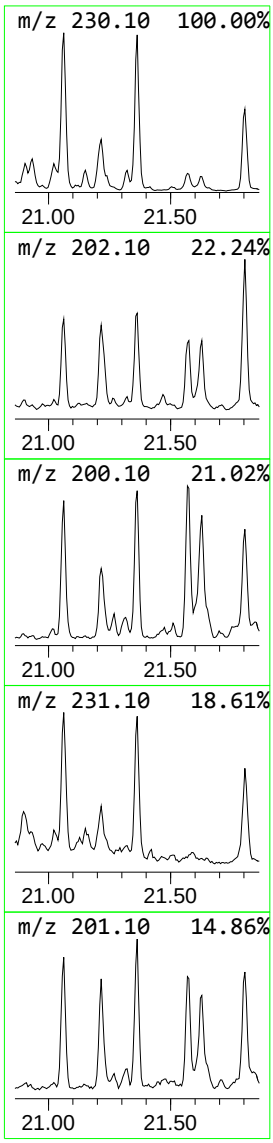
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.363	2.28 ng/ul	561845	Chrysene-d12	21.586

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	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

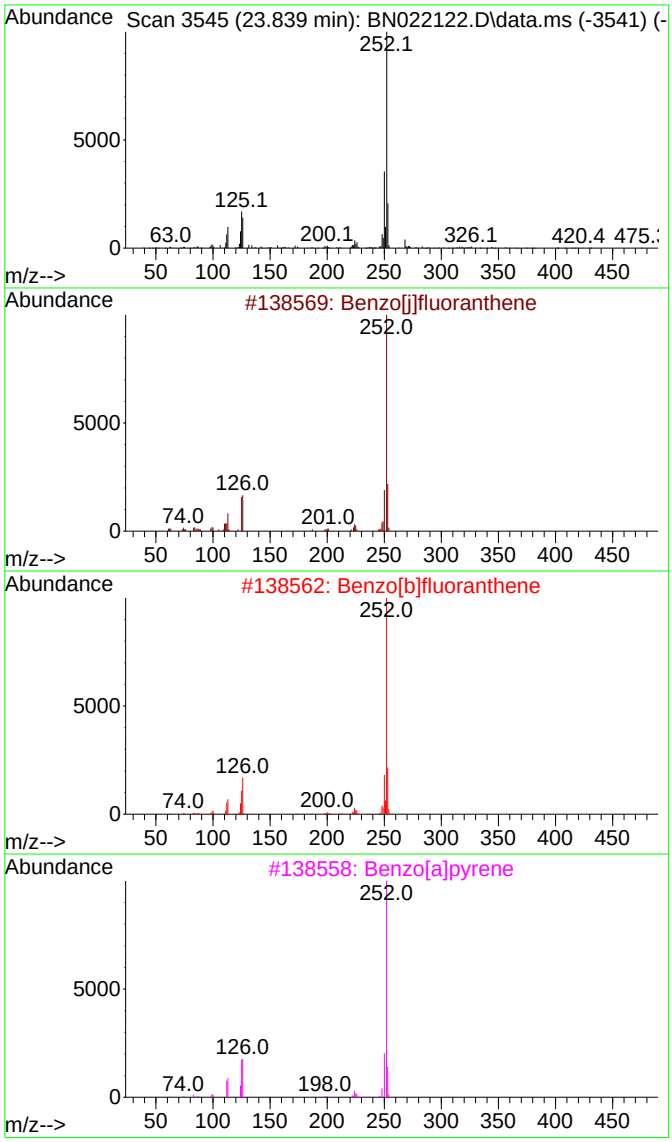
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

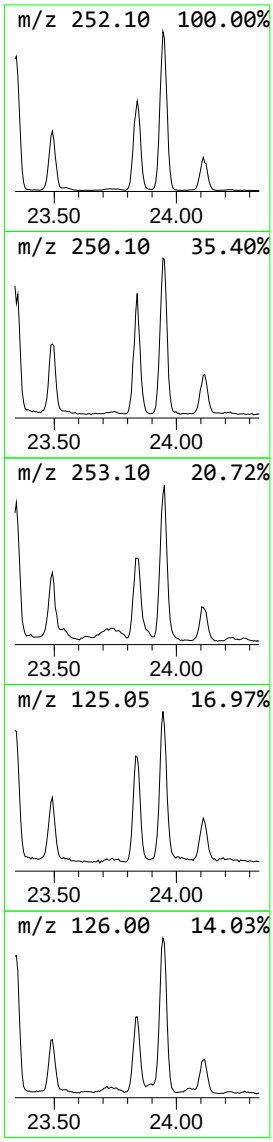
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.839	10.66 ng/ul	590829	Perylene-d12	24.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022122.D
Acq On : 14 Oct 2022 13:41
Operator : CG/JU
Sample : N5049-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.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
Ethanol, 2-(2-b...	10.563	2.3	ng/ul	152955	2	10.787	1326890	20.0
(DEL) Alkane: S...	16.357	2.2	ng/ul	208666	4	17.387	1935320	20.0
Dibenzothiophene	17.204	2.4	ng/ul	235436	4	17.387	1935320	20.0
Phenanthrene, 2...	18.269	5.7	ng/ul	548578	4	17.387	1935320	20.0
Anthracene, 2-m...	18.316	5.6	ng/ul	540927	4	17.387	1935320	20.0
1H-Cyclopropa[l...	18.392	2.3	ng/ul	217789	4	17.387	1935320	20.0
4H-Cyclopenta[d...	18.463	9.8	ng/ul	952665	4	17.387	1935320	20.0
Phenanthrene, 1...	18.498	2.4	ng/ul	231569	4	17.387	1935320	20.0
Naphthalene, 2-...	18.769	3.0	ng/ul	293373	4	17.387	1935320	20.0
9,10-Dimethylan...	19.186	3.8	ng/ul	371998	4	17.387	1935320	20.0
Cyclopenta(def)...	19.328	5.2	ng/ul	505350	4	17.387	1935320	20.0
unknown-01	19.604	2.5	ng/ul	617733	5	21.586	4922210	20.0
Pyrene, 1-methyl-	20.145	3.1	ng/ul	773503	5	21.586	4922210	20.0
Fluoranthene, 2...	20.286	2.4	ng/ul	587899	5	21.586	4922210	20.0
11H-Benzo[a]flu...	20.310	4.1	ng/ul	1005020	5	21.586	4922210	20.0
11H-Benzo[b]flu...	20.410	2.5	ng/ul	619359	5	21.586	4922210	20.0
Pyrene, 2-methyl-	20.469	2.6	ng/ul	644323	5	21.586	4922210	20.0
Pentadecafluoro...	21.280	4.8	ng/ul	1188300	5	21.586	4922210	20.0
11H-Benzo[a]flu...	21.363	2.3	ng/ul	561845	5	21.586	4922210	20.0
Benzo[j]fluoran...	23.839	10.7	ng/ul	590829	6	24.057	1108340	20.0