LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	378	383	396	rBV	187457	271550	51.32%	6.203%
2	6.863	653	659	672	rBV	174507	280595	53.03%	6.409%
3	7.669	790	796	803	rBB	46290	69720	13.18%	1.593%
4	8.839	989	995	1007	rBB	110899	177381	33.52%	4.052%
5	10.457	1265	1270	1276	rVB	56749	89030	16.83%	2.034%
6	11.874	1506	1511	1515	rBB2	4128	5895	1.11%	0.135%
7	12.945	1687	1693	1700	rBV	267538	374308	70.74%	8.550%
8	13.139	1719	1726	1733	rBV2	8470	12225	2.31%	0.279%
9	13.651	1808	1813	1817	rBV3	3720	6519	1.23%	0.149%
10	13.804	1831	1839	1843	rVB	9319	13580	2.57%	0.310%
11	14.227	1904	1911	1915	rBV2	10100	14033	2.65%	0.321%
12	14.333	1923	1929	1935	rVB	84017	114442	21.63%	2.614%
13	14.398	1936	1940	1947	rVB	10409	14938	2.82%	0.341%
14	14.733	1993	1997	2002	rBV	9866	13675	2.58%	0.312%
15	15.180	2067	2073	2078	rVB3	7948	9842	1.86%	0.225%
16	15.386	2103	2108	2116	rBV	17020	23198	4.38%	0.530%
17	15.592	2138	2143	2147	rVB4	3934	6194	1.17%	0.141%
18	15.680	2153	2158	2164	rVB3	3264	5418	1.02%	0.124%
19	15.833	2179	2184	2190	rVB	204157	270254	51.07%	6.173%
20	16.045	2216	2220	2221	rBV	7453	8302	1.57%	0.190%
21	16.392	2269	2279	2284	rBV4	3878	8572	1.62%	0.196%
22	16.833	2347	2354	2357	rBV5	6092	8870	1.68%	0.203%
23	16.898	2357	2365	2374	rVB2	6729	15392	2.91%	0.352%
24	17.080	2391	2396	2400	rBV	93976	129734	24.52%	2.963%
25	17.121	2400	2403	2409	rVB	98220	127537	24.10%	2.913%
26	17.215	2414	2419	2424	rVB	38884	51385	9.71%	1.174%
27	17.498	2460	2467	2474	rBV	8715	15752	2.98%	0.360%
28	17.851	2523	2527	2529	rBV3	4170	5668	1.07%	0.129%
29	17.951	2539	2544	2545	rBV	15302	17288	3.27%	0.395%
30	17.980	2545	2549	2551	rVV2	26464	33005	6.24%	0.754%
31	18.080	2561	2566	2572	rBV	9210	14344	2.71%	0.328%
32	18.145	2572	2577	2581	rVV3	28313	48333	9.13%	1.104%
33	18.180	2581	2583	2590	rVB	11423	15705	2.97%	0.359%
34	18.262	2593	2597	2600	rBV4	5869	7946	1.50%	0.182%
35	18.450	2625	2629	2635	rBV	12554	19199	3.63%	0.439%
36	18.509	2636	2639	2644	rVB7	4561	6283	1.19%	0.144%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.715	2669	2674	2678	rBV	27613	35692	6.75%	0.815%
38	18.803	2684	2689	2692	rVB4	6854	11121	2.10%	0.254%
39	18.874	2696	2701	2704	rBV	16845	25474	4.81%	0.582%
40	18.939	2708	2712	2715	rVV3	6986	10109	1.91%	0.231%
41	18.968	2715	2717	2720	rVB3	5848	5939	1.12%	0.136%
42	19.021	2721	2726	2731	rBV6	6830	15043	2.84%	0.344%
43	19.139	2741	2746	2751	rBV	164790	205838	38.90%	4.702%
44	19.192	2751	2755	2760	rVB7	7178	11378	2.15%	0.260%
45	19.262	2760	2767	2770	rBV5	15075	25112	4.75%	0.574%
46	19.380	2780	2787	2791	rBV3	7732	18458	3.49%	0.422%
47	19.415	2791	2793	2797	rVB4	6864	7588	1.43%	0.173%
48	19.503	2797	2808	2816	rBV	134949	245676	46.43%	5.612%
49	19.580	2818	2821	2826	rVB3	10410	14338	2.71%	0.328%
50	19.709	2837	2843	2847	rBV	452152	529134	100.00%	12.086%
51	19.821	2857	2862	2870	rBV3	14169	40263	7.61%	0.920%
52	19.962	2882	2886	2887	rBV4	12005	14874	2.81%	0.340%
53	20.003	2889	2893	2899	rVB2	33427	56517	10.68%	1.291%
54	20.062	2901	2903	2905	rBV3	6039	6160	1.16%	0.141%
55	20.097	2906	2909	2913	rVB	26092	28448	5.38%	0.650%
56	20.156	2914	2919	2922	rBV2	19507	27826	5.26%	0.636%
57	20.292	2939	2942	2946	rBV	12881	18657	3.53%	0.426%
58	20.344	2948	2951	2954	rVB2	17951	22659	4.28%	0.518%
59	20.509	2976	2979	2982	rBV2	14967	15922	3.01%	0.364%
60	20.974	3055	3058	3067	rVB3	74159	112616	21.28%	2.572%
61	21.256	3100	3106	3110	rBV2	153558	279419	52.81%	6.382%
62	21.291	3110	3112	3116	rVB	66857	74394	14.06%	1.699%
63	21.403	3128	3131	3136	rBV2	30714	42419	8.02%	0.969%
64	23.233	3439	3442	3446	rBV	27677	39221	7.41%	0.896%
65	23.421	3469	3474	3478	rBV2	77818	131530	24.86%	3.004%

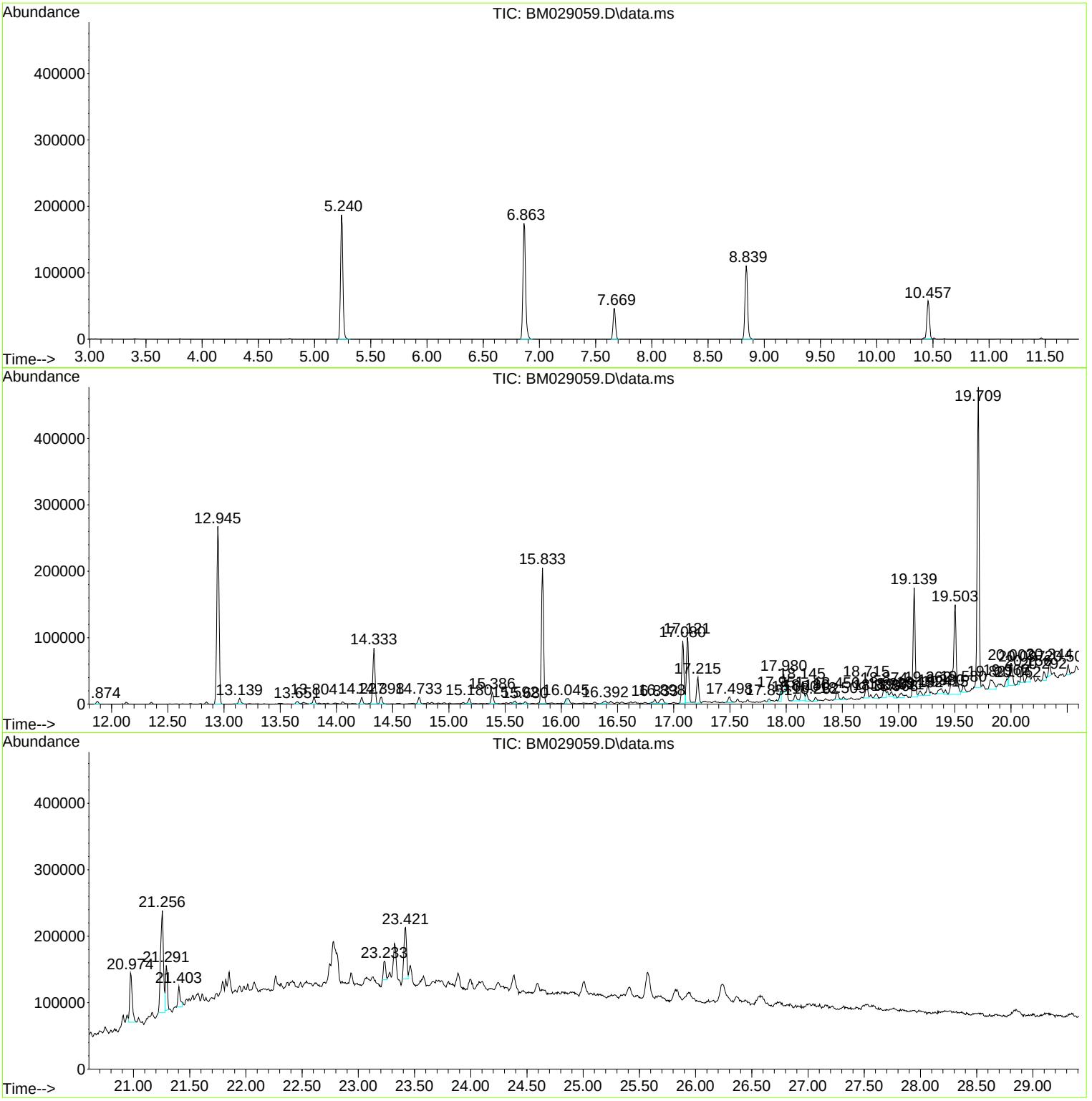
Sum of corrected areas: 4377937

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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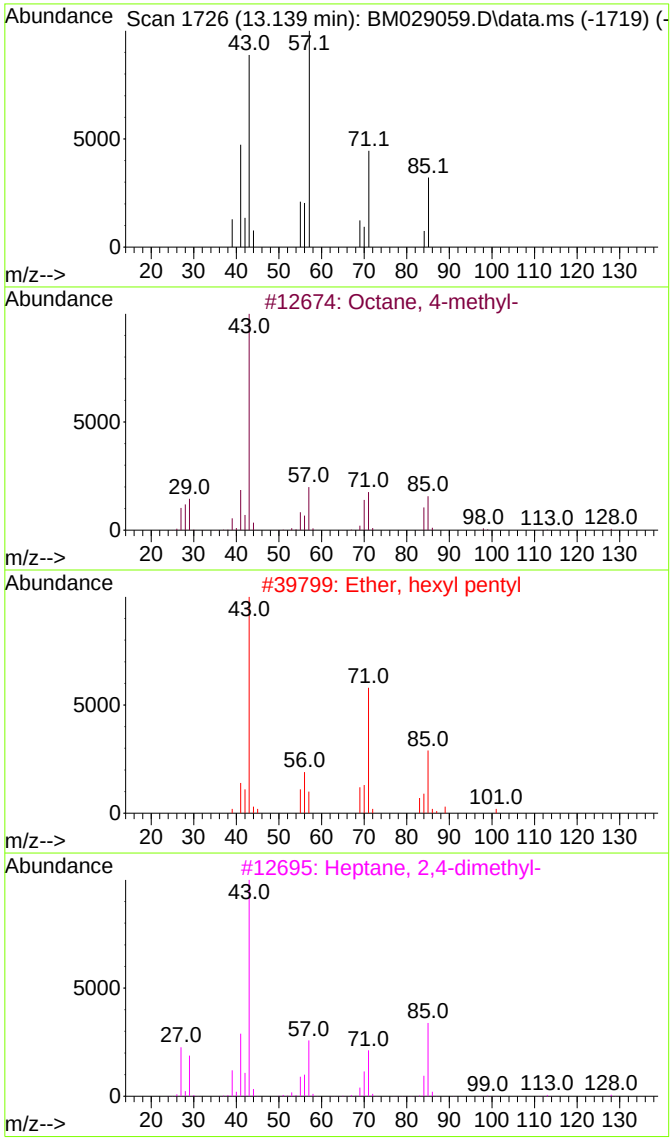
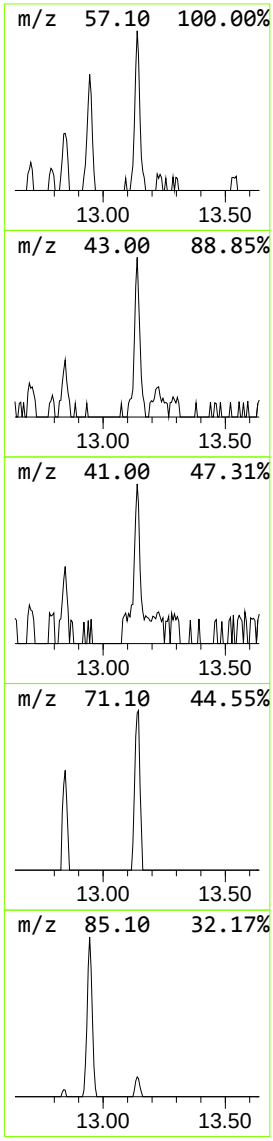
Peak Number 1 Octane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	2.14 ng	12225	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	64
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

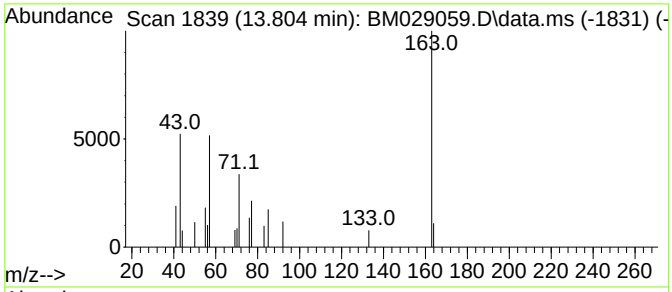
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

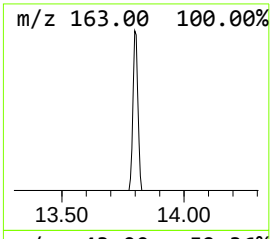
****

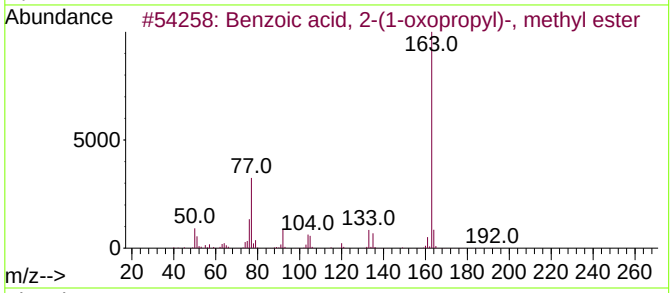
Peak Number 2 unknown13.804 Concentration Rank 15

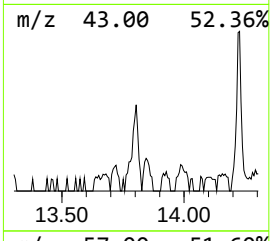
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.37 ng	13580	Acenaphthene-d10	14.333

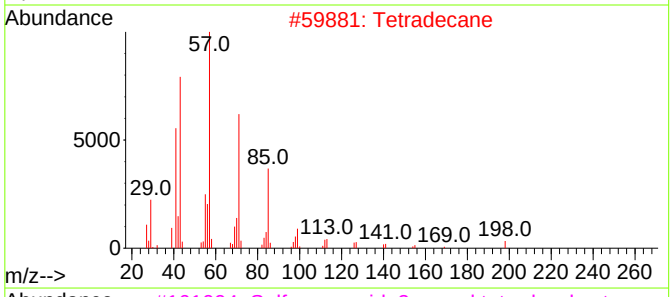
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	42
2	Tetradecane	198	C14H30	000629-59-4	10
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	10
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	10
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	9

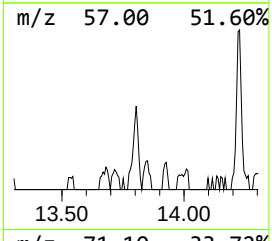


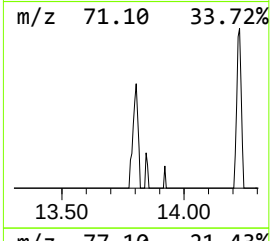


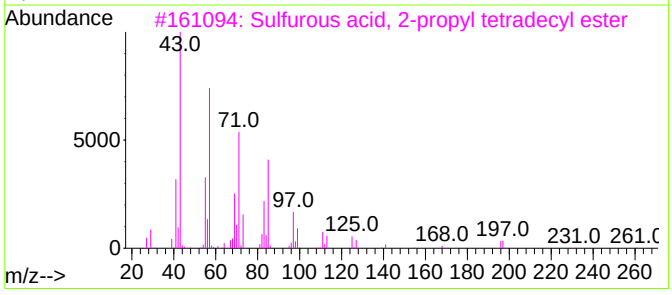


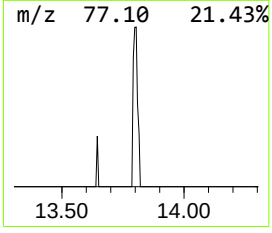












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

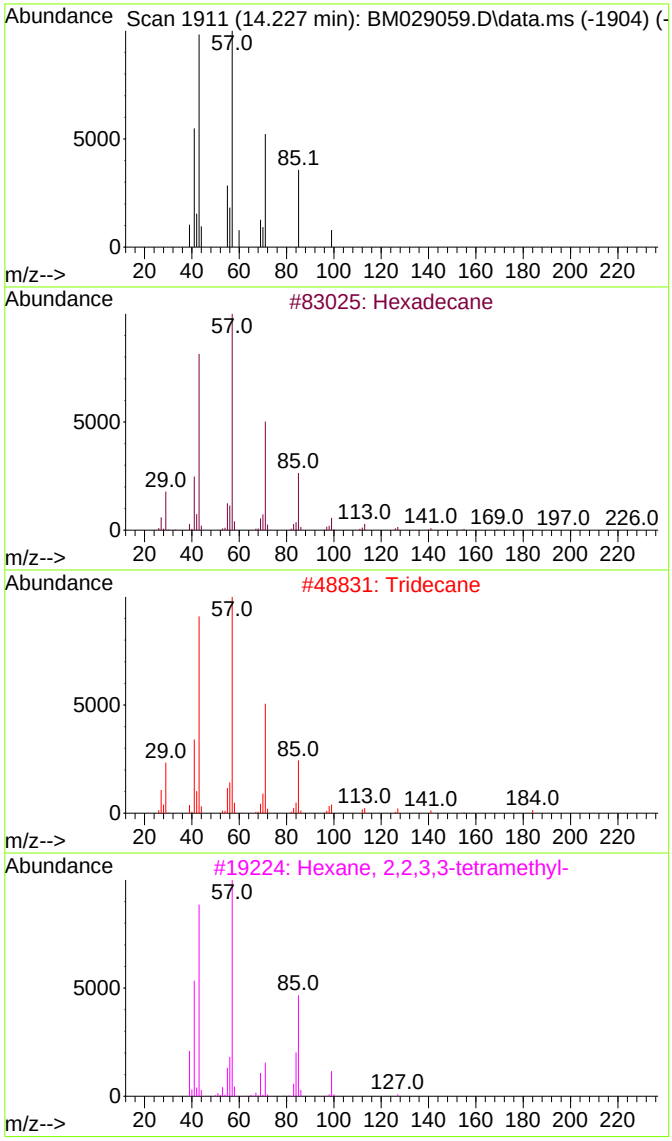
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

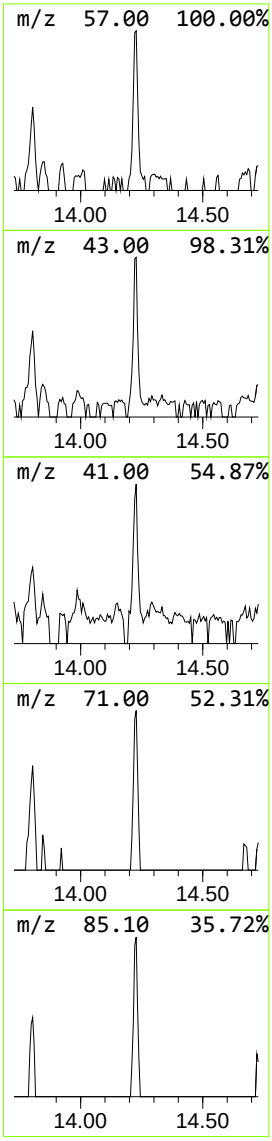
****

Peak Number 3 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.227	2.45 ng	14033	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Tridecane	184	C13H28	000629-50-5	53
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	43
5	Undecane	156	C11H24	001120-21-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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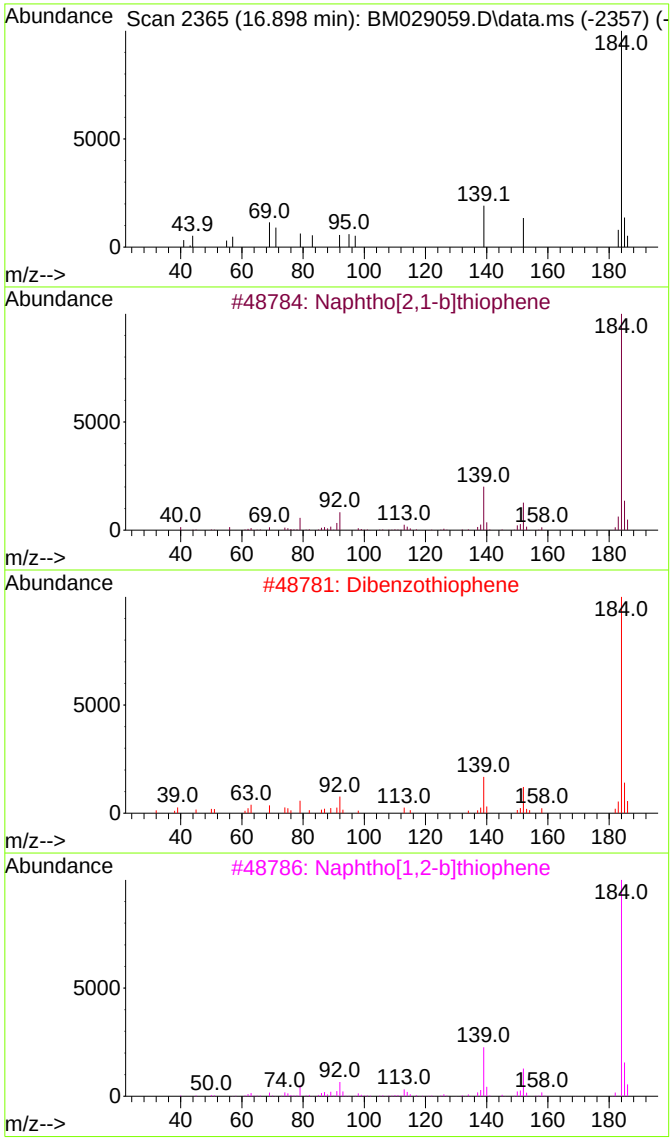
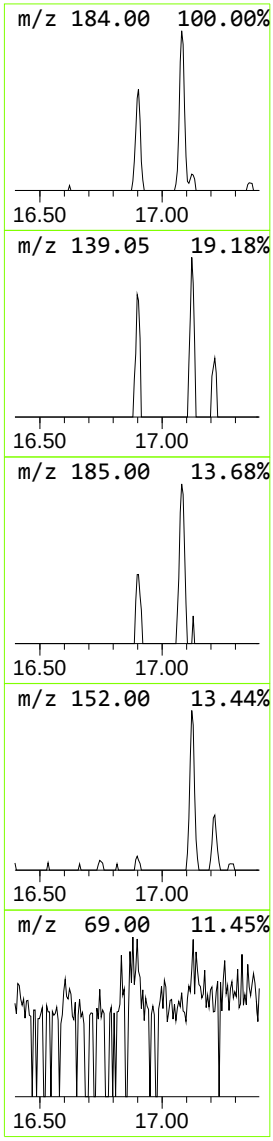
Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	2.37 ng	15392	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	80
2	Dibenzothiophene	184	C12H8S	000132-65-0	72
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	72
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72
5	1,1'-Biphenyl, 4-methoxy-	184	C13H12O	000613-37-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

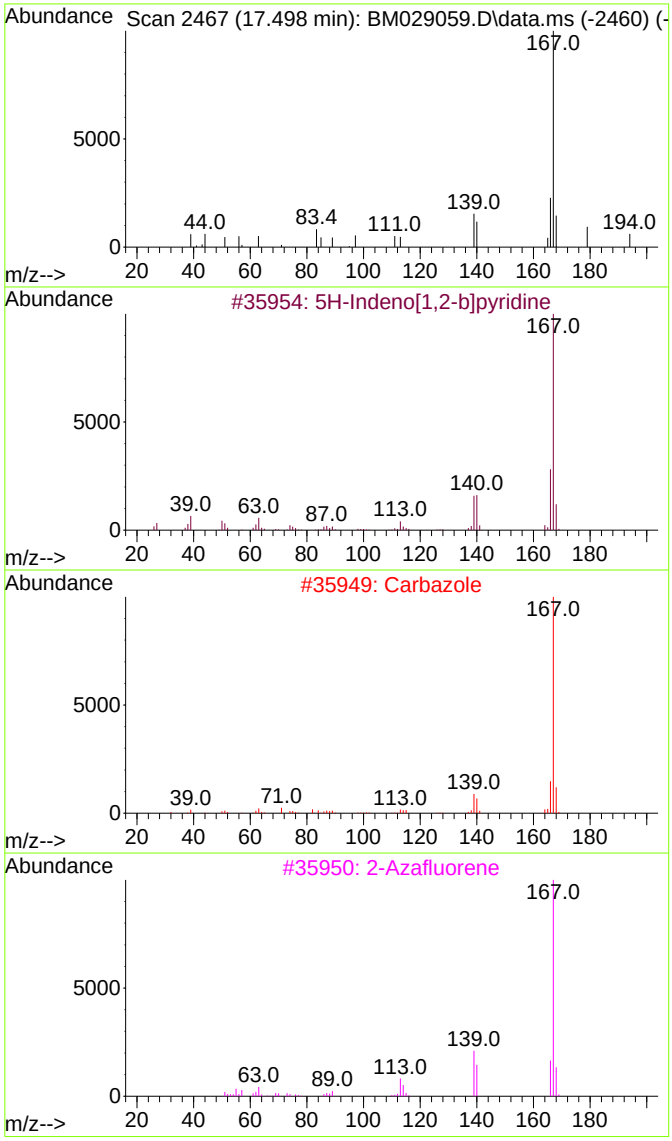
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

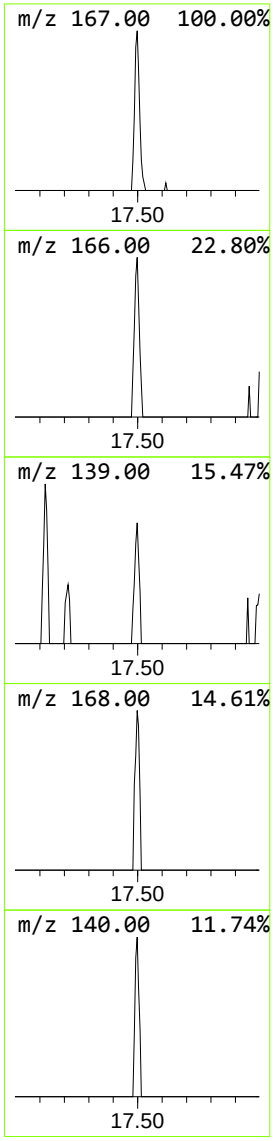
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.498	2.43 ng	15752	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	80
2	Carbazole	167	C12H9N	000086-74-8	80
3	2-Azafluorene	167	C12H9N	000244-40-6	72
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	72
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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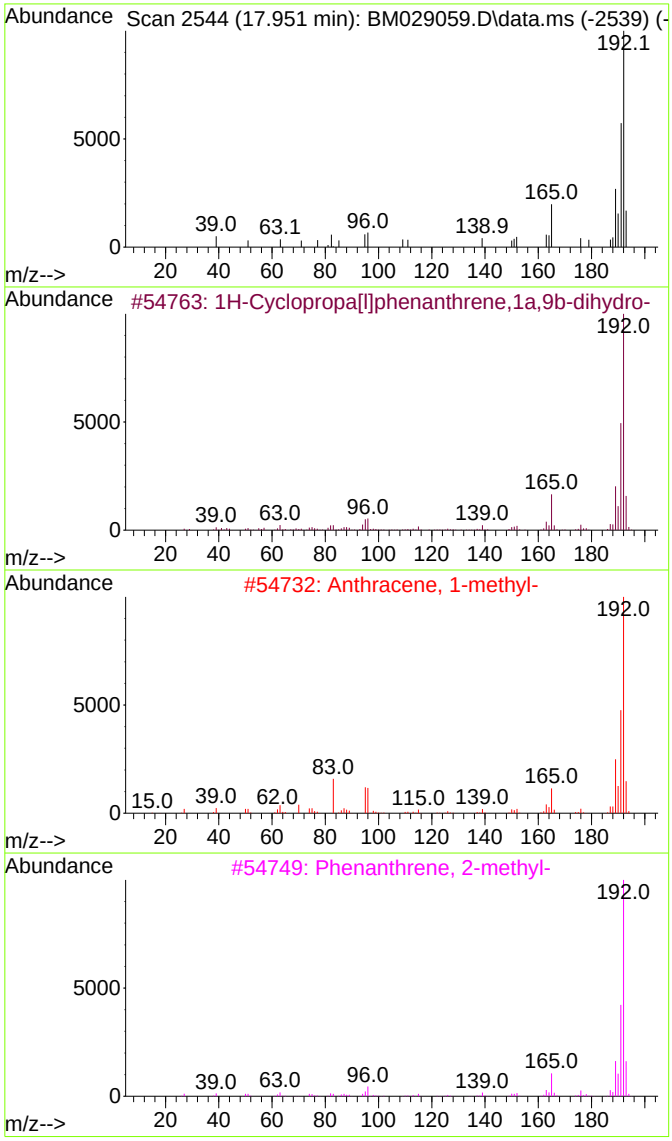
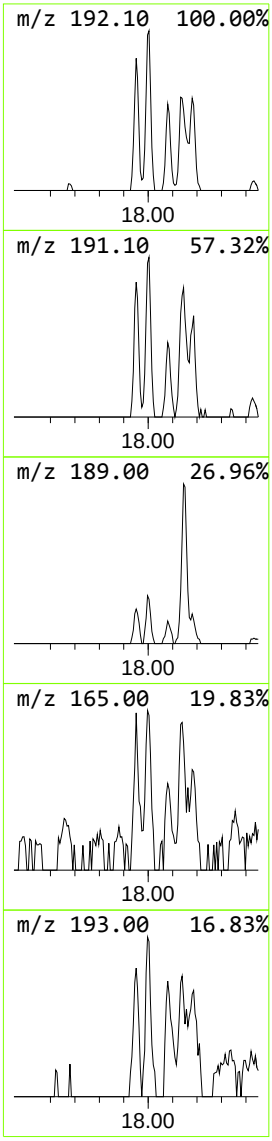
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	2.67 ng	17288	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

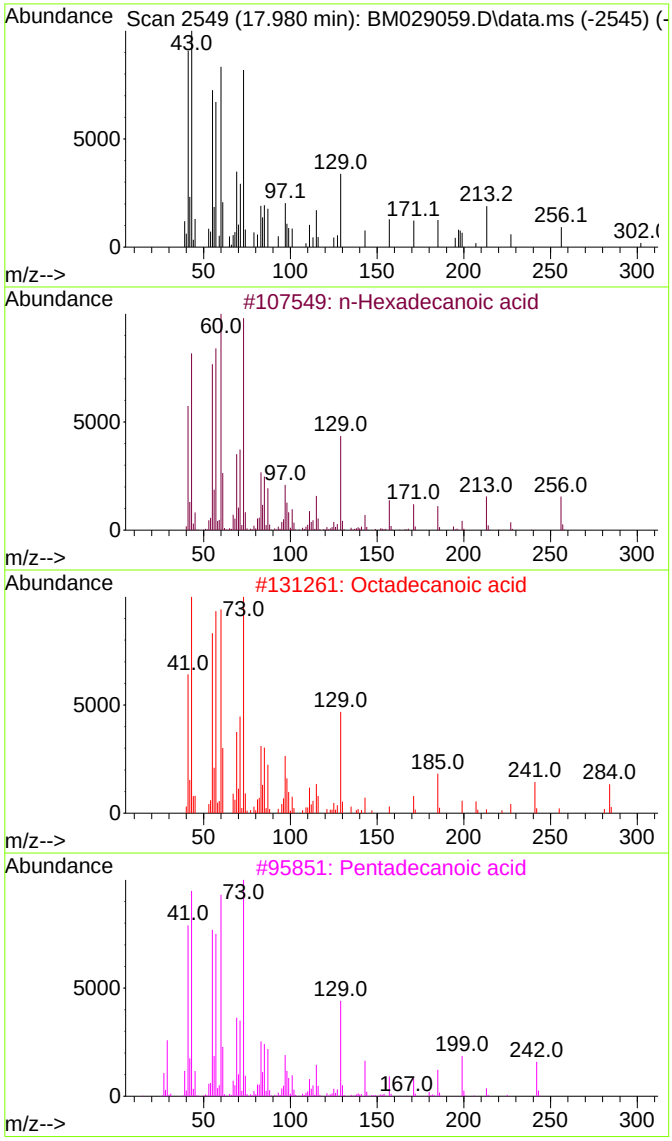
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

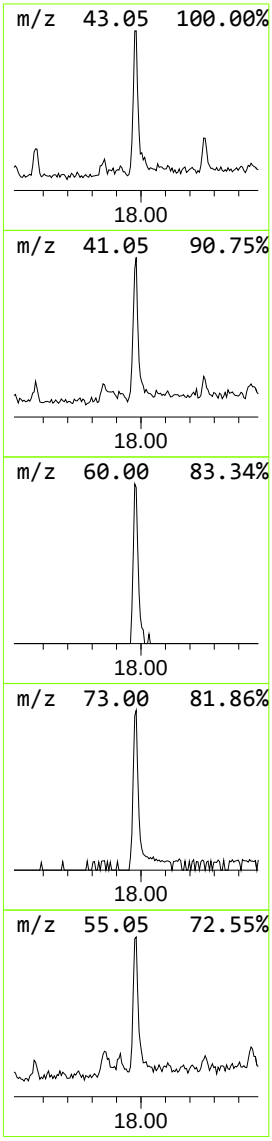
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	5.09 ng	33005	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : M1600-02
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ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

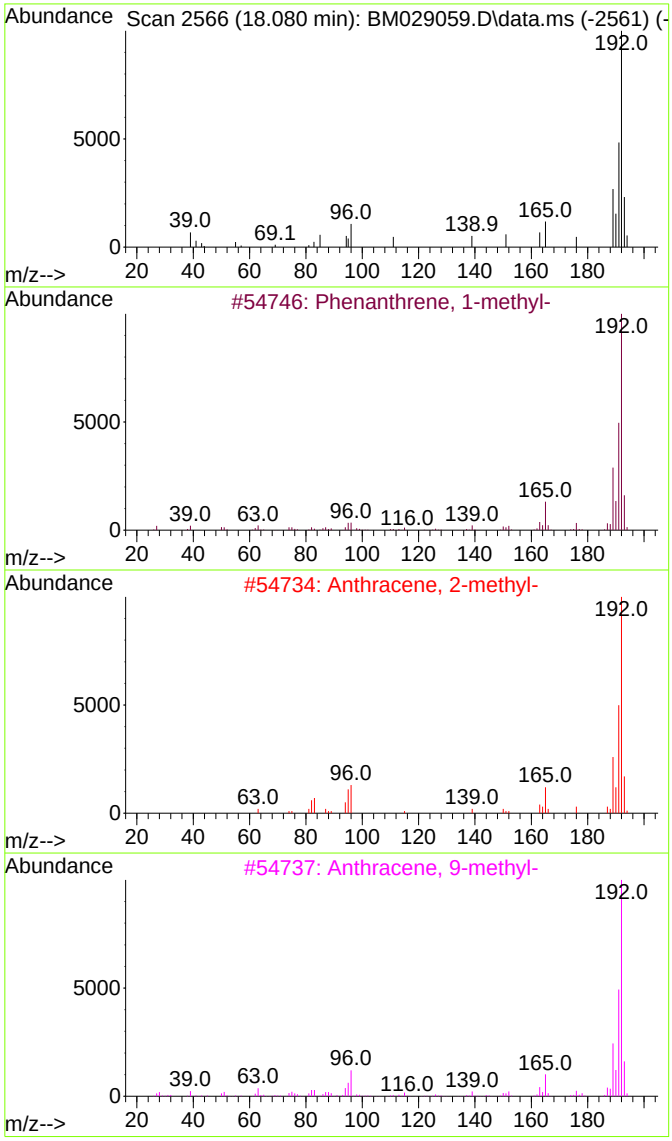
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

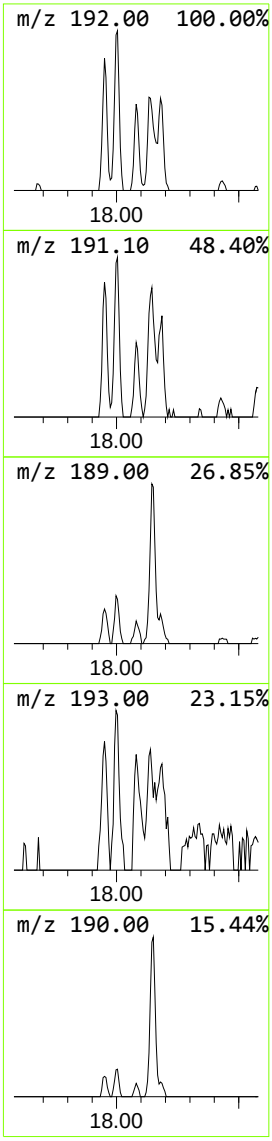
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	2.21 ng	14344	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80





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Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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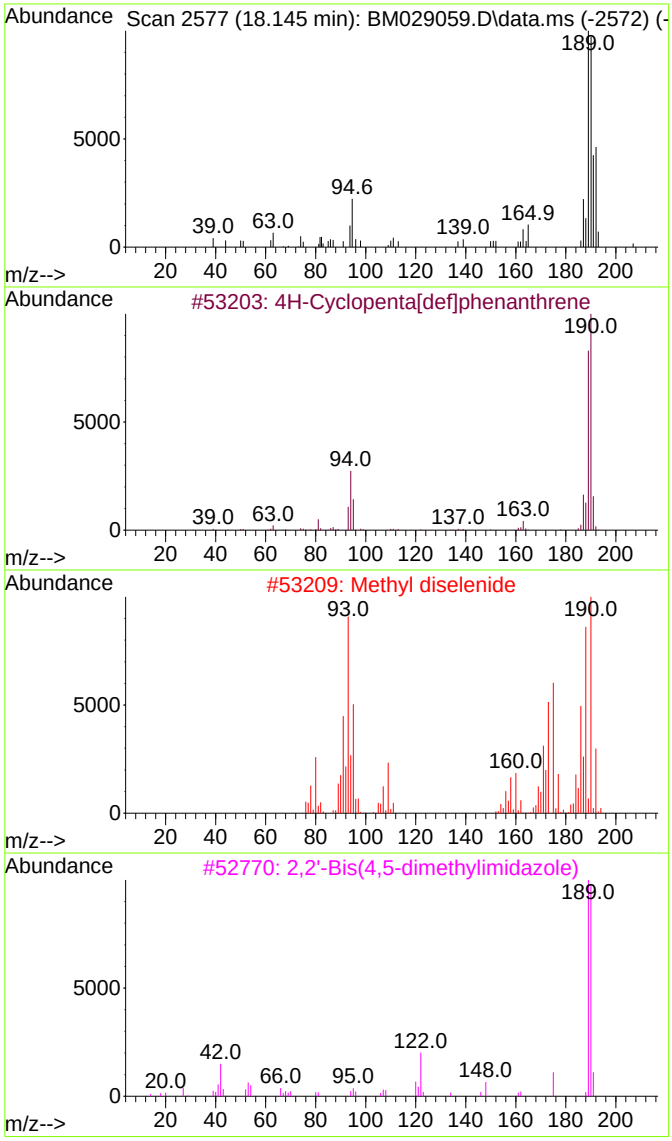
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

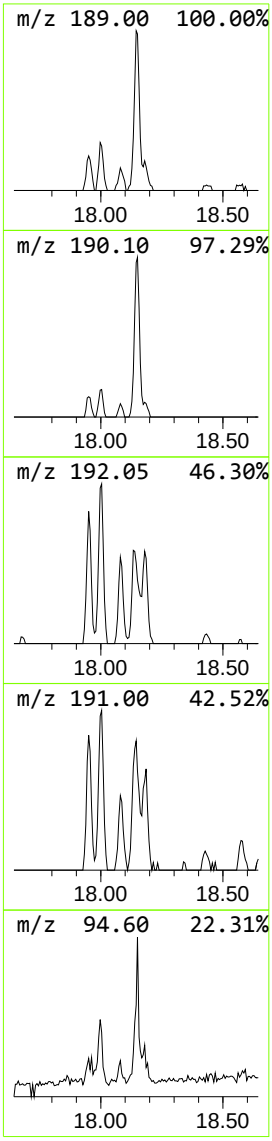
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	7.45 ng	48333	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	27
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	25





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Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

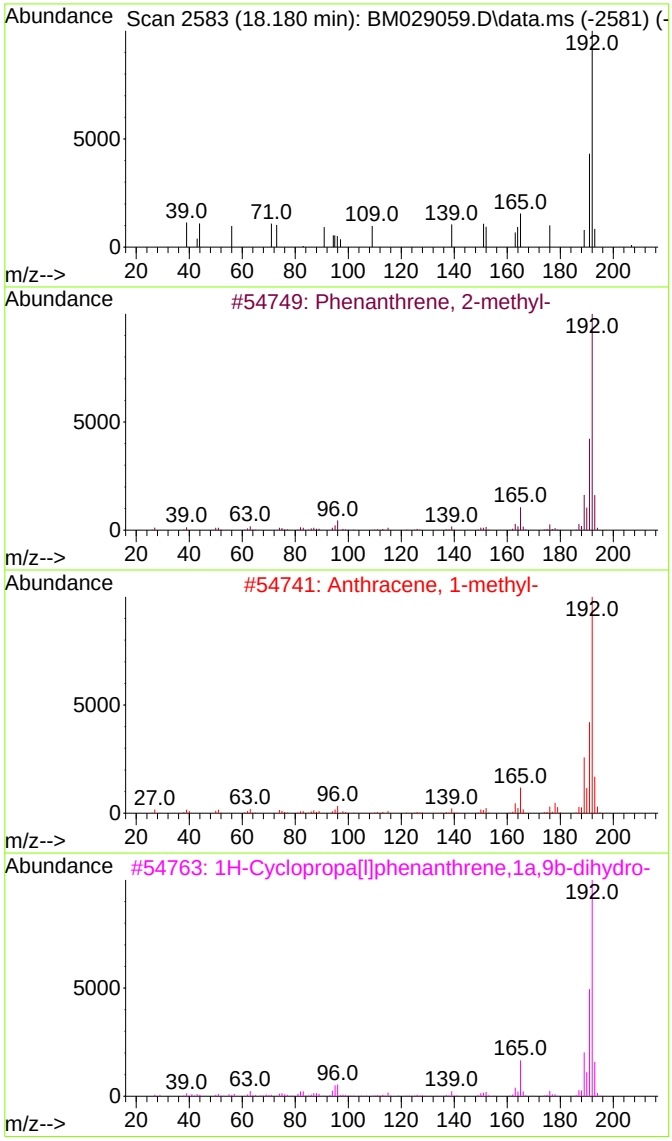
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

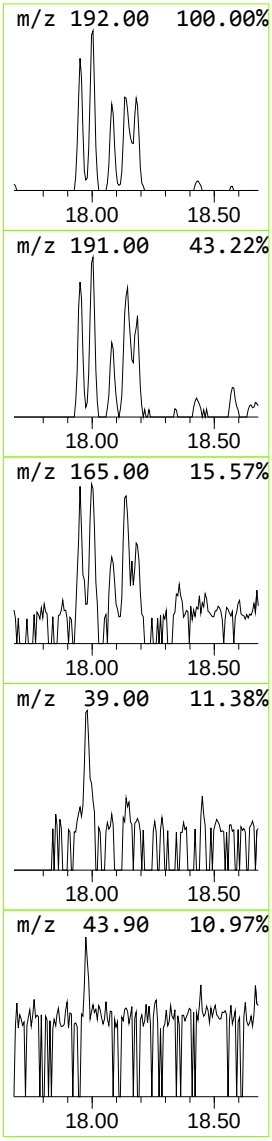
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.42 ng	15705	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
5	4(3H)-Pteridinone, 3-hydroxy-2,7...	192	C8H8N4O2	018106-62-2	43





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Acq On : 09 Mar 2021 23:09
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Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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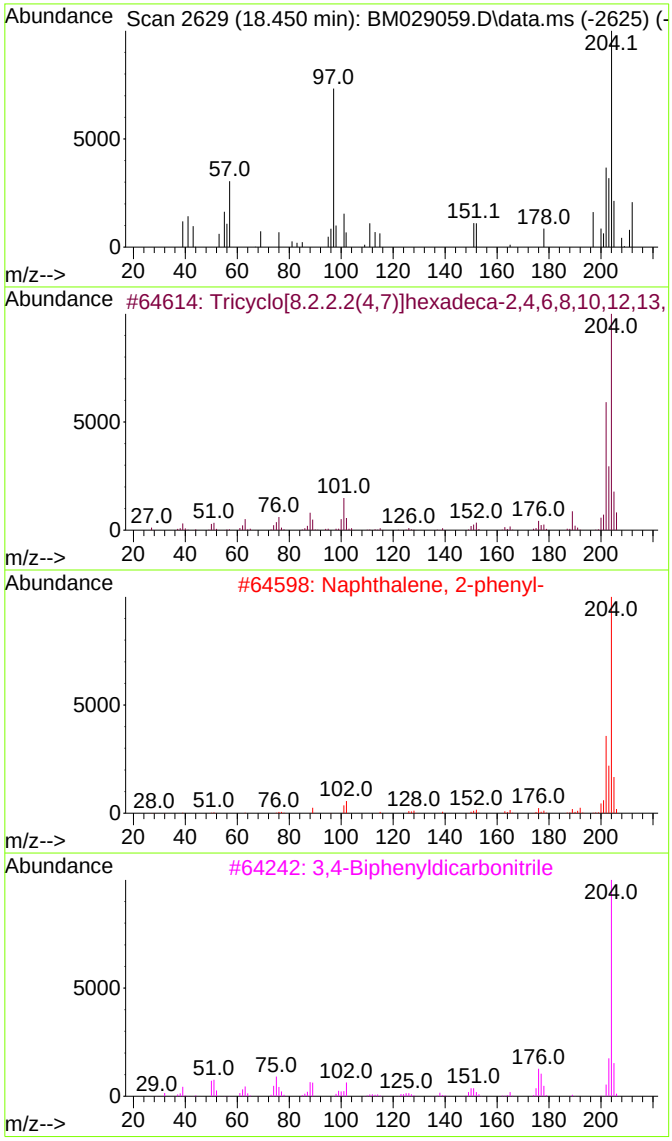
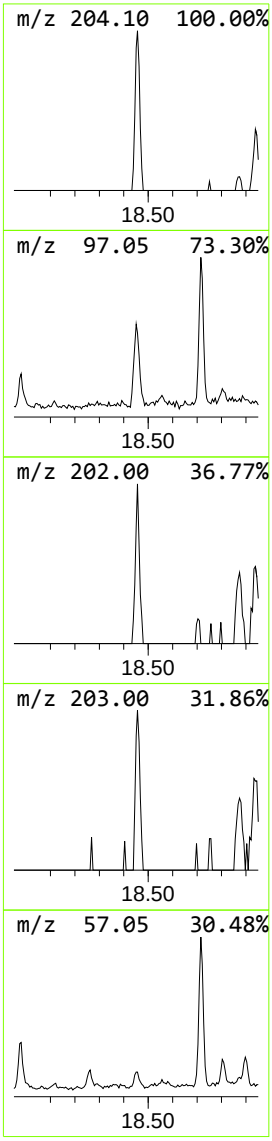
Peak Number 11 unknown18.451 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	2.96 ng	19199	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	35
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	32
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	27





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ClientSampleId :
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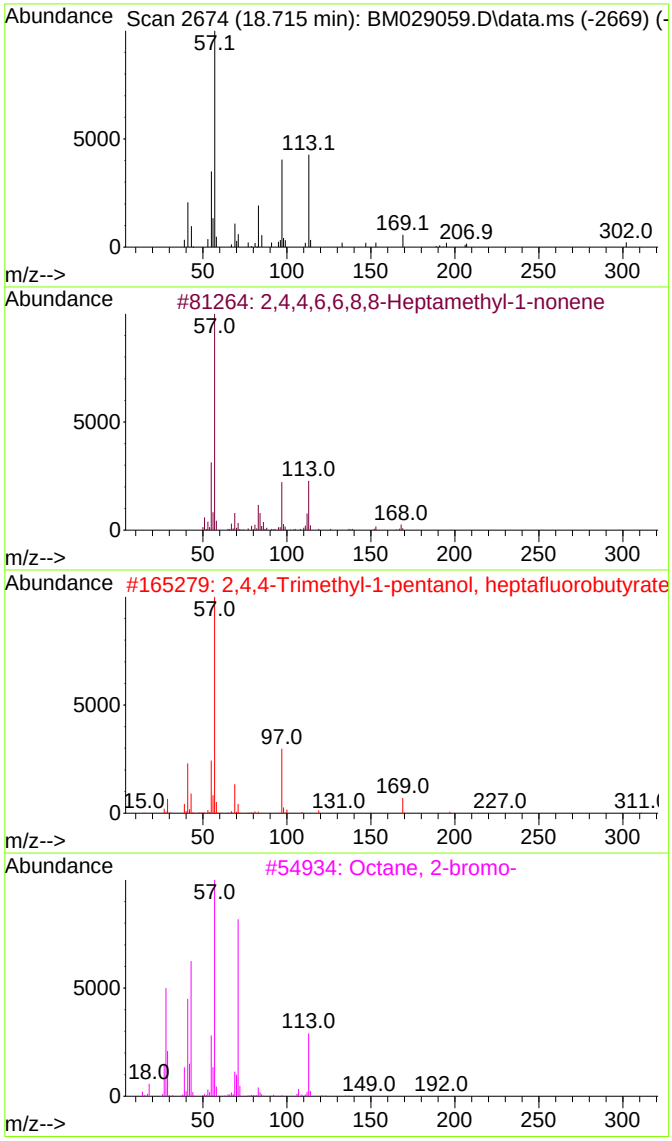
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

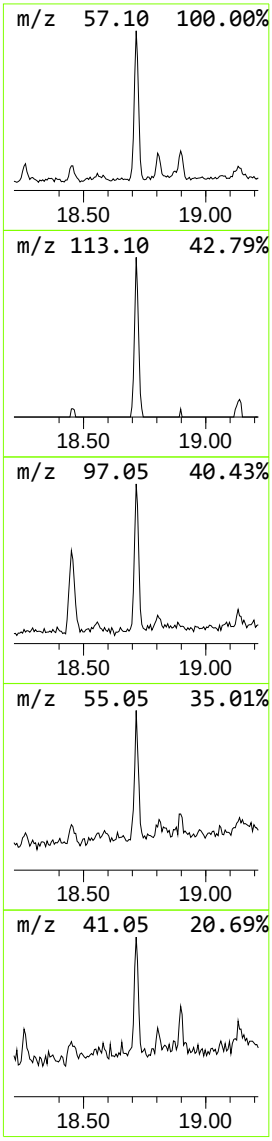
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	5.50 ng	35692	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	25





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Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

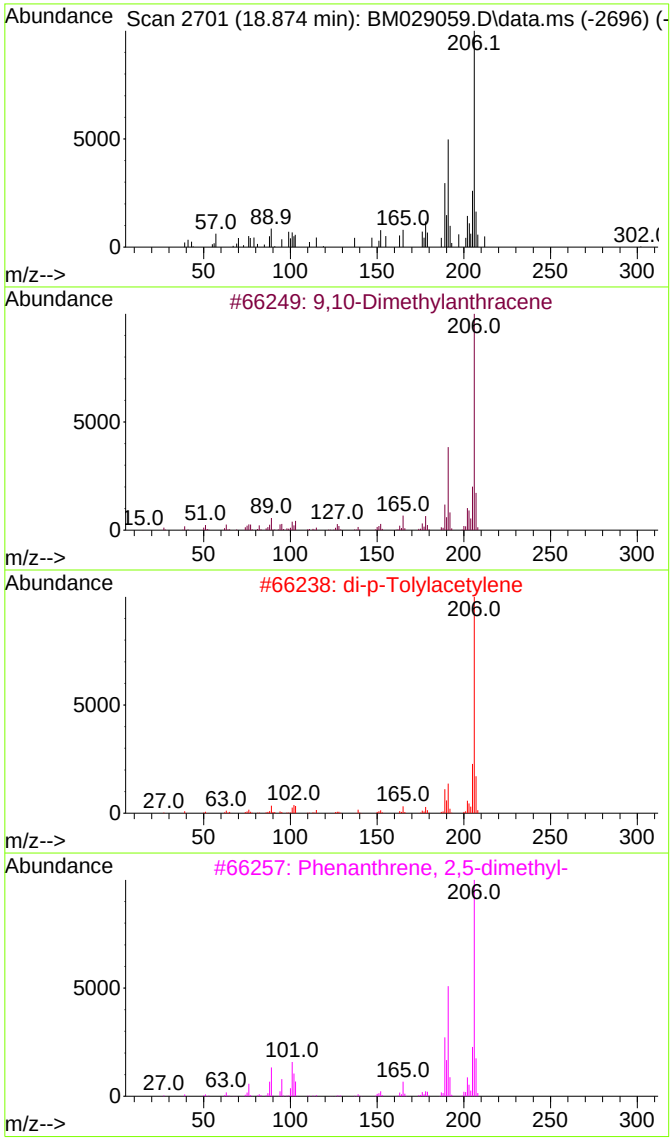
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

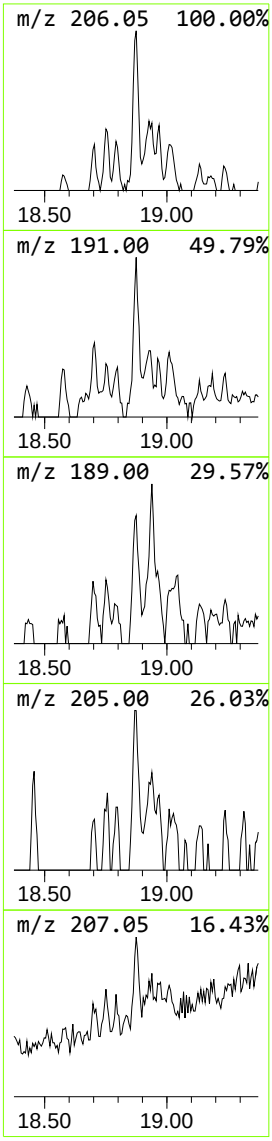
****

Peak Number 13 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	3.93 ng	25474	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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Misc :
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Instrument : BNA_M
ClientSampleId : BIN-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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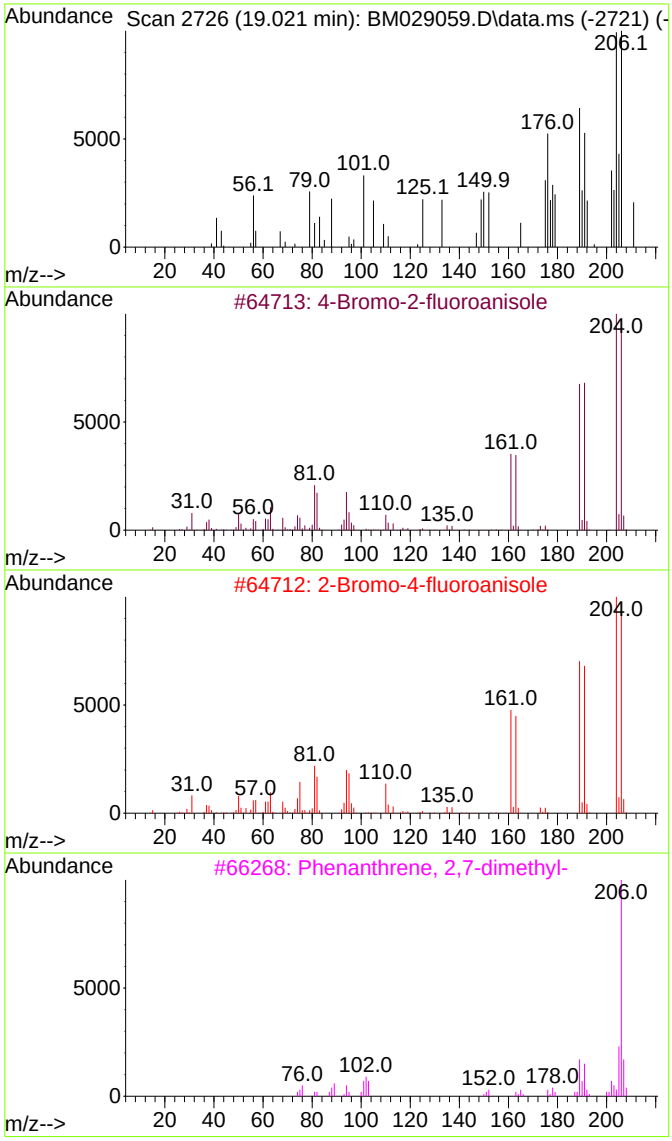
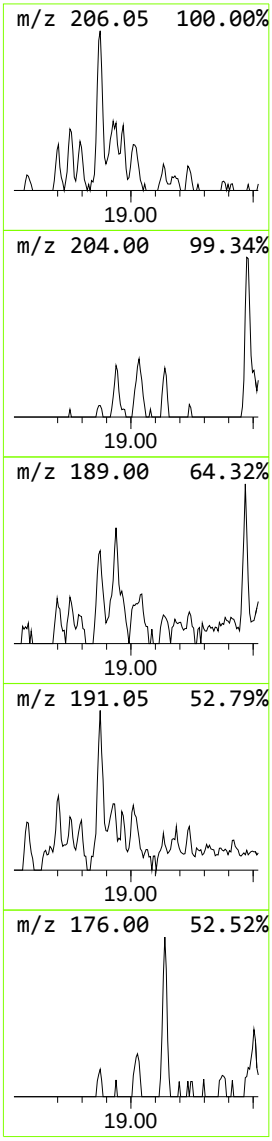
Peak Number 14 unknown19.021 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	2.32 ng	15043	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	47
2	2-Bromo-4-fluoroanisole	204	C7H6BrFO	000452-08-4	47
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	35
5	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	30





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Instrument :
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ClientSampleId :
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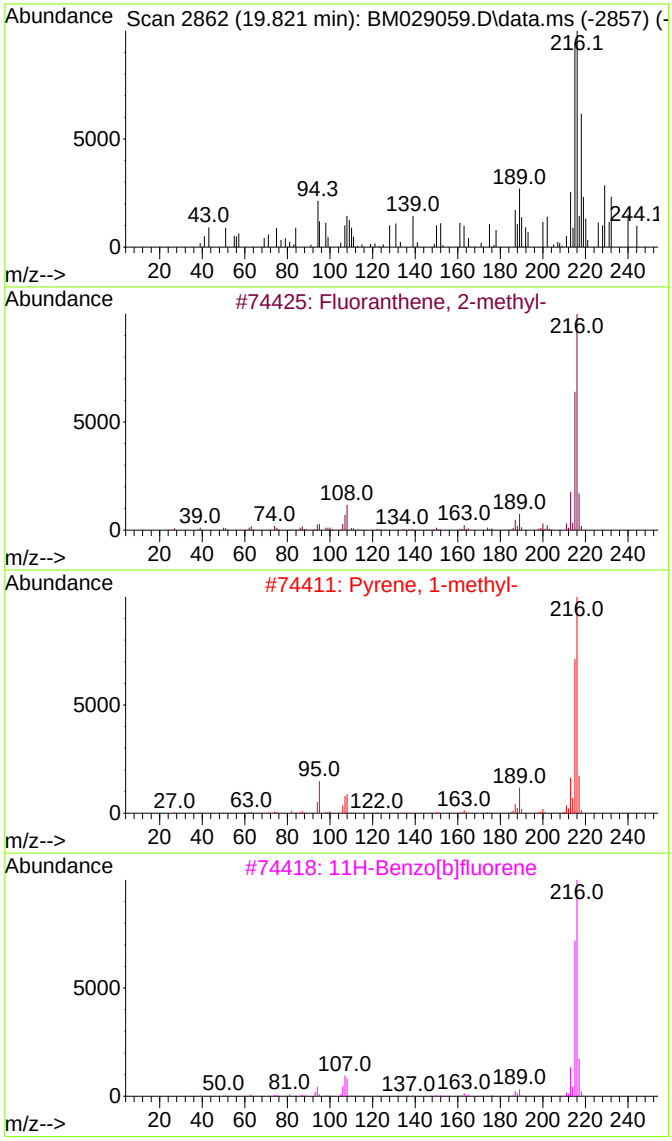
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

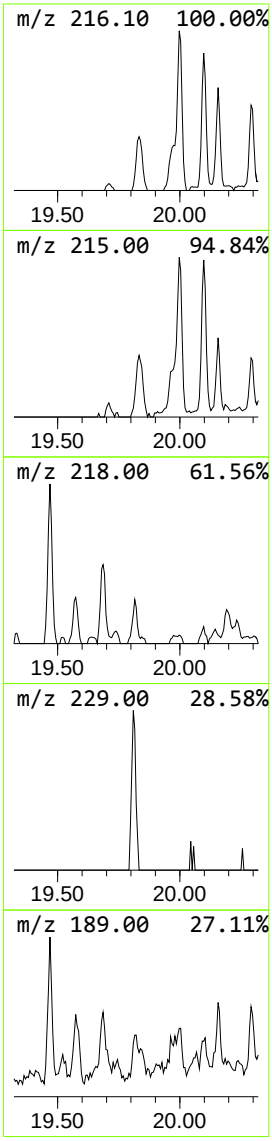
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.821	2.88 ng	40263	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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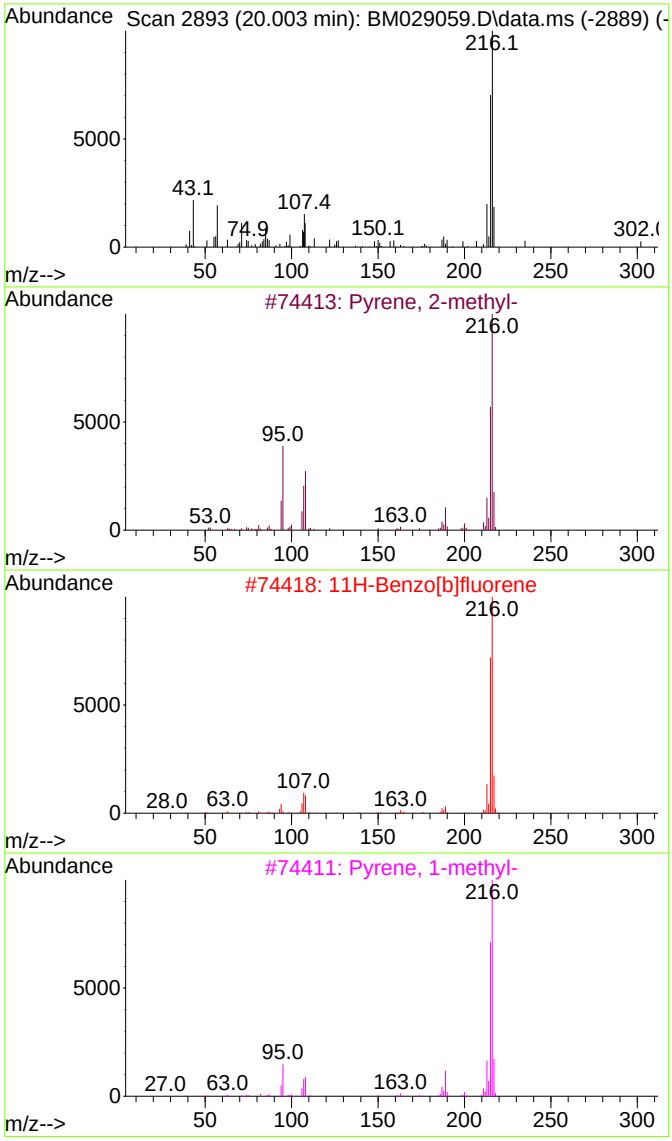
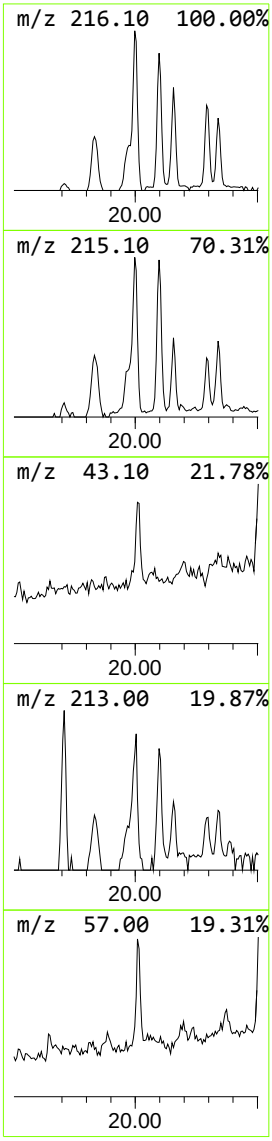
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	4.05 ng	56517	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	8-Phosphadispiro[2.1.2.2]nonane,...	216	C14H17P	1000162-94-6	58





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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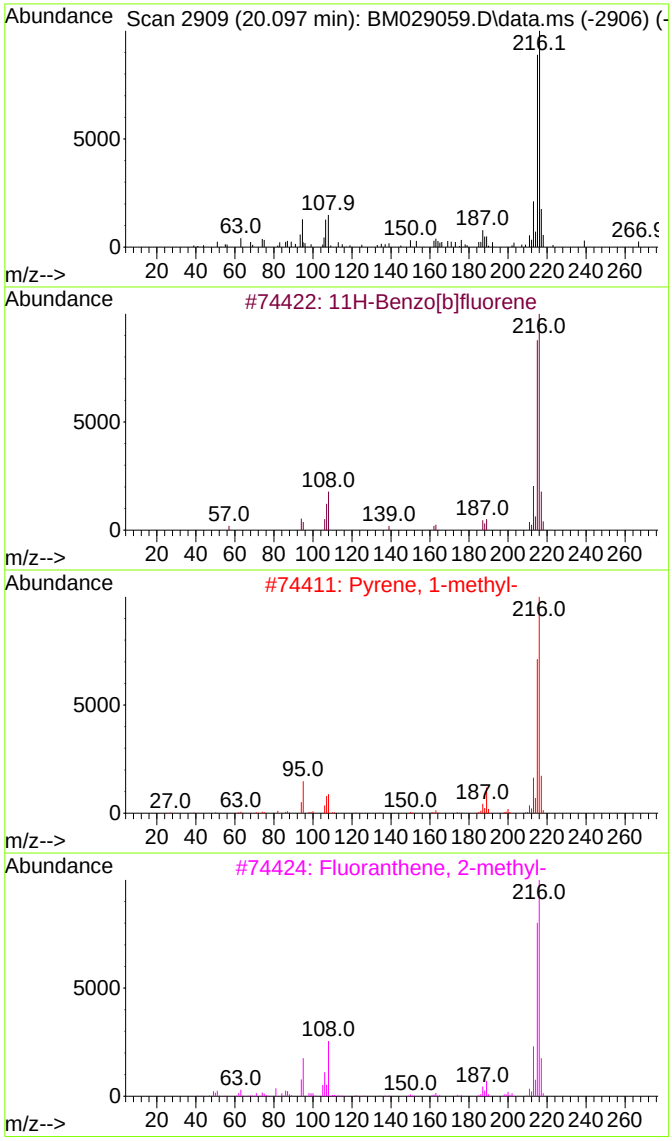
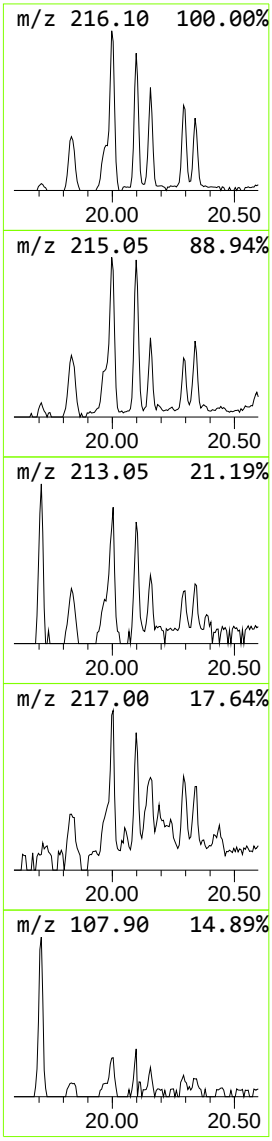
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.097	2.04 ng	28448	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Sample : M1600-02
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ALS Vial : 15 Sample Multiplier: 1

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BNA_M
ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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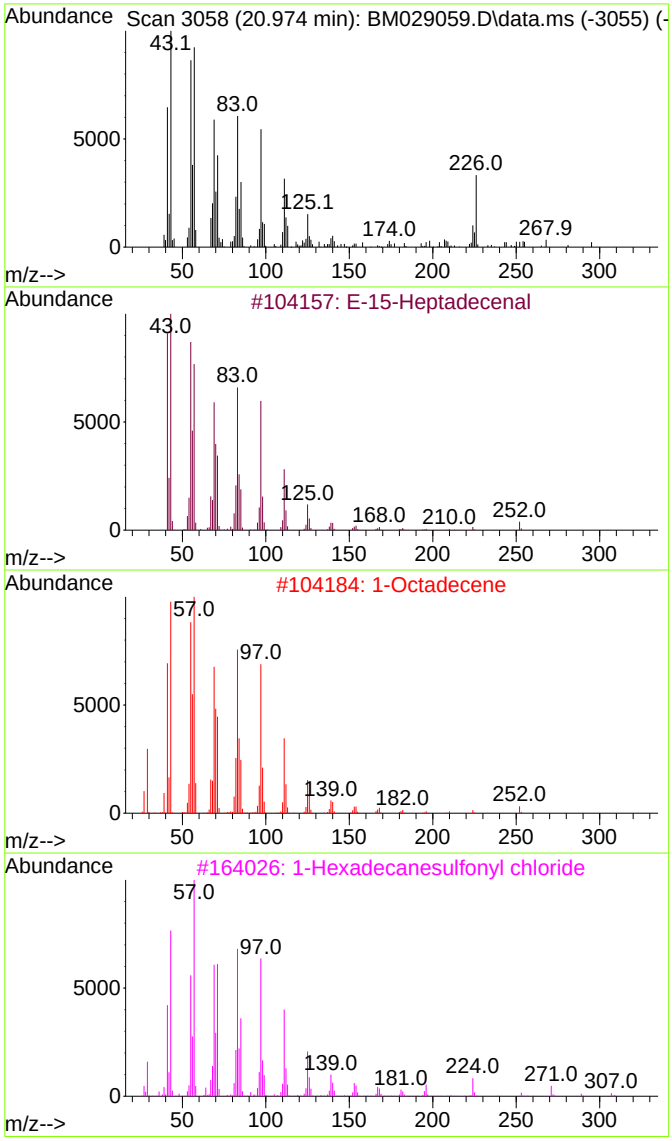
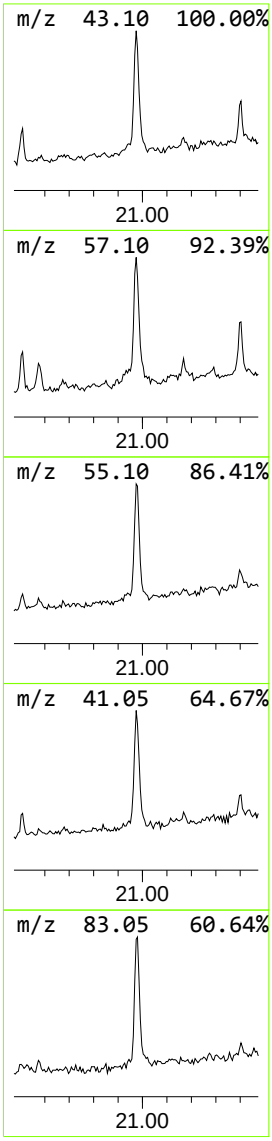
Peak Number 18 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	8.06 ng	112616	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
2	1-Octadecene	252	C18H36	000112-88-9	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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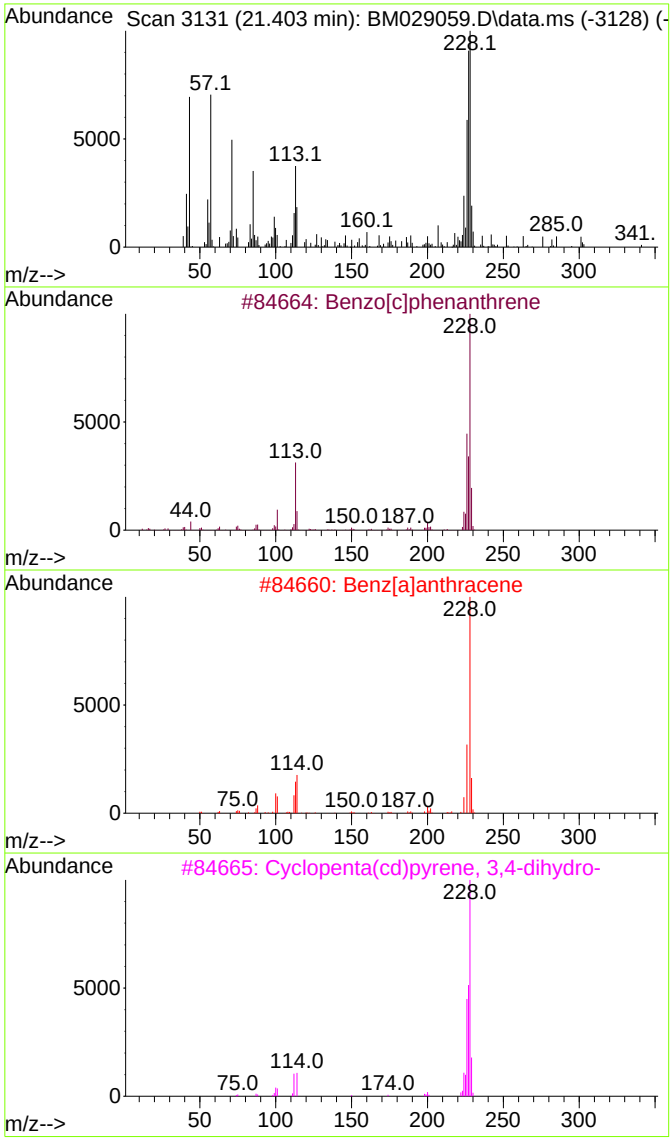
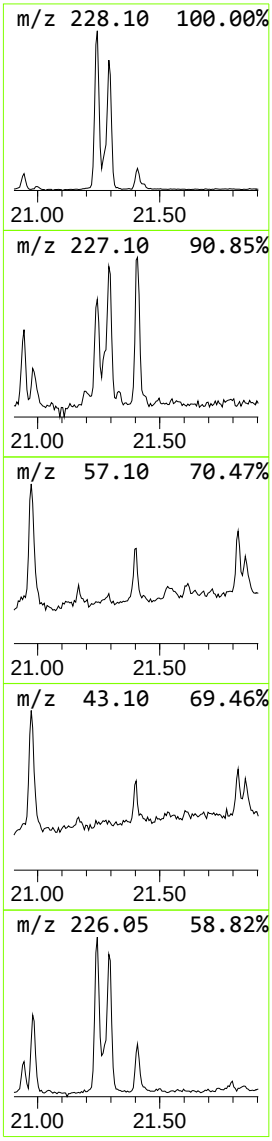
Peak Number 19 Benzo[c]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.403	3.04 ng	42419	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
2	Benz[a]anthracene	228	C18H12	000056-55-3	38
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
4	Triphenylene	228	C18H12	000217-59-4	38
5	Chrysene	228	C18H12	000218-01-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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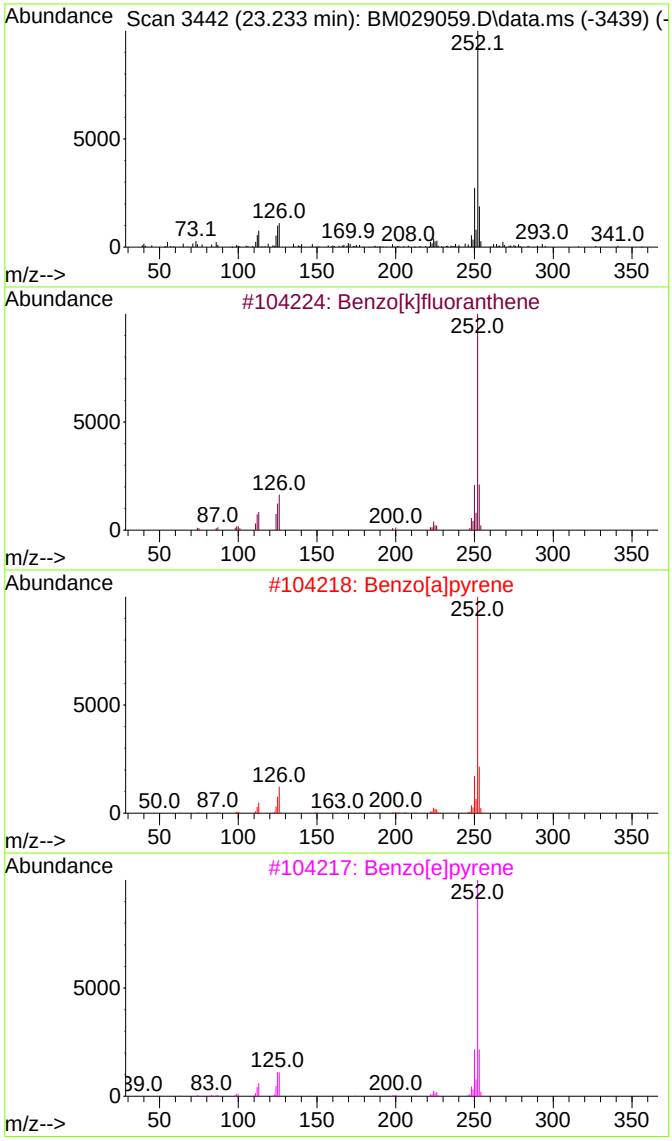
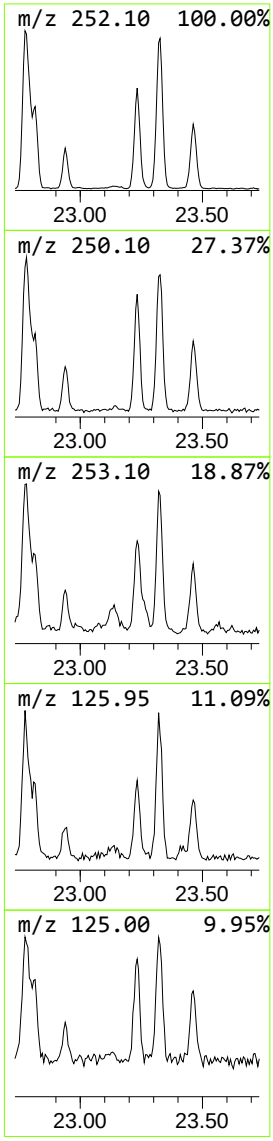
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.233	5.96 ng	39221	Perylene-d12	23.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029059.D
Acq On : 09 Mar 2021 23:09
Operator : CG/JU
Sample : M1600-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BIN-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane, 4-methyl-	13.139	2.1	ng	12225	3	14.333	114442	20.0
unknown13.804	13.804	2.4	ng	13580	3	14.333	114442	20.0
Hexadecane	14.227	2.5	ng	14033	3	14.333	114442	20.0
Naphtho[2,1-b]t...	16.898	2.4	ng	15392	4	17.080	129734	20.0
5H-Indeno[1,2-b...	17.498	2.4	ng	15752	4	17.080	129734	20.0
1H-Cyclopropa[l...	17.951	2.7	ng	17288	4	17.080	129734	20.0
n-Hexadecanoic ...	17.980	5.1	ng	33005	4	17.080	129734	20.0
Phenanthrene, 1...	18.080	2.2	ng	14344	4	17.080	129734	20.0
4H-Cyclopenta[d...	18.145	7.5	ng	48333	4	17.080	129734	20.0
Phenanthrene, 2...	18.180	2.4	ng	15705	4	17.080	129734	20.0
unknown18.451	18.451	3.0	ng	19199	4	17.080	129734	20.0
2,4,4,6,6,8,8-H...	18.715	5.5	ng	35692	4	17.080	129734	20.0
9,10-Dimethylan...	18.874	3.9	ng	25474	4	17.080	129734	20.0
unknown19.021	19.021	2.3	ng	15043	4	17.080	129734	20.0
Fluoranthene, 2...	19.821	2.9	ng	40263	5	21.256	279419	20.0
Pyrene, 2-methyl-	20.003	4.0	ng	56517	5	21.256	279419	20.0
11H-Benzo[b]flu...	20.097	2.0	ng	28448	5	21.256	279419	20.0
E-15-Heptadecenal	20.974	8.1	ng	112616	5	21.256	279419	20.0
Benzo[c]phenant...	21.403	3.0	ng	42419	5	21.256	279419	20.0
Benzo[e]pyrene	23.233	6.0	ng	39221	6	23.415	131530	20.0