LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-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-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033502.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.431	198	203	209	rBV	53845	77344	1.94%	0.201%
2	5.037	300	306	317	rBV	597292	877922	22.02%	2.277%
3	5.501	379	385	402	rBV	1298584	1908415	47.87%	4.949%
4	6.119	485	490	496	rVB	45394	64230	1.61%	0.167%
5	7.107	650	658	673	rBV	1284436	2158455	54.15%	5.598%
6	7.937	789	799	807	rBV	220170	359768	9.03%	0.933%
7	9.107	990	998	1013	rBV	836540	1441858	36.17%	3.739%
8	10.531	1234	1240	1251	rBV2	46600	93208	2.34%	0.242%
9	10.748	1266	1277	1282	rBV	293342	516942	12.97%	1.341%
10	12.407	1553	1559	1565	rVB	52622	83610	2.10%	0.217%
11	12.625	1591	1596	1603	rVB	33072	52781	1.32%	0.137%
12	13.207	1686	1695	1703	rBV	2079651	3036920	76.18%	7.876%
13	13.419	1724	1731	1736	rVB3	28072	60132	1.51%	0.156%
14	13.901	1808	1813	1819	rBV2	27303	49626	1.24%	0.129%
15	14.224	1863	1868	1873	rBV4	26951	44606	1.12%	0.116%
16	14.301	1877	1881	1889	rVB2	28263	43476	1.09%	0.113%
17	14.471	1902	1910	1915	rBV3	32703	53224	1.34%	0.138%
18	14.583	1918	1929	1934	rVV	449943	713131	17.89%	1.849%
19	14.642	1934	1939	1947	rVB	175778	278407	6.98%	0.722%
20	14.977	1991	1996	2003	rVB	129272	193605	4.86%	0.502%
21	15.371	2057	2063	2066	rBV3	27562	44853	1.13%	0.116%
22	15.630	2101	2107	2118	rVB	176380	273127	6.85%	0.708%
23	15.924	2152	2157	2164	rVB2	44884	77868	1.95%	0.202%
24	16.071	2176	2182	2188	rBV	1664703	2377561	59.64%	6.166%
25	16.307	2214	2222	2228	rVB6	37615	86462	2.17%	0.224%
26	16.636	2268	2278	2282	rBV5	36743	87832	2.20%	0.228%
27	16.983	2333	2337	2345	rVB	65503	103286	2.59%	0.268%
28	17.077	2345	2353	2358	rBV5	44421	98860	2.48%	0.256%
29	17.148	2360	2365	2374	rVB	80349	134406	3.37%	0.349%
30	17.242	2374	2381	2385	rBV2	46305	62262	1.56%	0.161%
31	17.330	2390	2396	2399	rBV	541336	787361	19.75%	2.042%
32	17.371	2399	2403	2409	rVB	1177622	1607855	40.33%	4.170%
33	17.459	2414	2418	2423	rVV	197673	284743	7.14%	0.738%
34	17.524	2426	2429	2433	rVB2	28629	43801	1.10%	0.114%
35	17.612	2439	2444	2454	rVB2	42682	88646	2.22%	0.230%
36	17.736	2457	2465	2474	rBV2	96077	210913	5.29%	0.547%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-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-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.854	2481	2485	2490	rVB4	27434	45757	1.15%	0.119%
38	17.912	2491	2495	2501	rVB4	29527	45941	1.15%	0.119%
39	17.995	2506	2509	2514	rVB	43275	54032	1.36%	0.140%
40	18.218	2540	2547	2550	rBV2	209683	404335	10.14%	1.049%
41	18.254	2550	2553	2557	rVV	188731	258892	6.49%	0.671%
42	18.295	2557	2560	2564	rVV	58562	80267	2.01%	0.208%
43	18.336	2564	2567	2572	rVV	54169	75684	1.90%	0.196%
44	18.401	2572	2578	2582	rVV2	234136	415924	10.43%	1.079%
45	18.436	2582	2584	2591	rVB	94566	118766	2.98%	0.308%
46	18.512	2593	2597	2601	rBV4	39370	56997	1.43%	0.148%
47	18.648	2616	2620	2625	rBV4	32951	44698	1.12%	0.116%
48	18.706	2625	2630	2634	rVV	119971	173246	4.35%	0.449%
49	18.748	2634	2637	2644	rVB2	100158	152089	3.82%	0.394%
50	18.948	2668	2671	2674	rBV	39525	48024	1.20%	0.125%
51	19.118	2696	2700	2706	rBV3	93752	188434	4.73%	0.489%
52	19.265	2720	2725	2731	rBV2	88920	157417	3.95%	0.408%
53	19.389	2740	2746	2751	rBV	1840220	2529104	63.44%	6.559%
54	19.442	2752	2755	2759	rVB2	56124	76854	1.93%	0.199%
55	19.495	2759	2764	2768	rBV3	90212	139319	3.49%	0.361%
56	19.718	2797	2802	2803	rBV	269228	338752	8.50%	0.879%
57	19.748	2803	2807	2815	rVV	1299860	1853733	46.50%	4.808%
58	19.818	2815	2819	2826	rVB2	77644	119612	3.00%	0.310%
59	19.953	2834	2842	2847	rBV	3098645	3986321	100.00%	10.338%
60	20.071	2857	2862	2871	rBV5	88135	260583	6.54%	0.676%
61	20.206	2880	2885	2886	rBV2	73957	105634	2.65%	0.274%
62	20.242	2888	2891	2897	rVB	201764	286969	7.20%	0.744%
63	20.342	2904	2908	2912	rBV2	143997	199681	5.01%	0.518%
64	20.400	2914	2918	2922	rVB2	81097	119050	2.99%	0.309%
65	20.542	2939	2942	2946	rBV	56299	66437	1.67%	0.172%
66	20.589	2946	2950	2954	rBV2	133625	182258	4.57%	0.473%
67	20.989	3014	3018	3025	rVB	488378	594584	14.92%	1.542%
68	21.153	3044	3046	3050	rVB	82067	91180	2.29%	0.236%
69	21.206	3050	3055	3064	rVV4	543514	834662	20.94%	2.165%
70	21.289	3066	3069	3073	rVB	97482	119561	3.00%	0.310%
71	21.418	3086	3091	3096	rVB	2106467	2298633	57.66%	5.961%
72	21.500	3099	3105	3110	rVV2	625152	1350924	33.89%	3.504%
73	21.547	3110	3113	3124	rVB	421308	565852	14.19%	1.468%
74	23.189	3386	3392	3397	rBV2	269632	651550	16.34%	1.690%
75	23.712	3477	3481	3490	rVB	138103	280082	7.03%	0.726%
76	23.812	3494	3498	3507	rVB	173237	359061	9.01%	0.931%

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-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-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.924	3512	3517	3523	rVB2	177281	349793	8.77%	0.907%

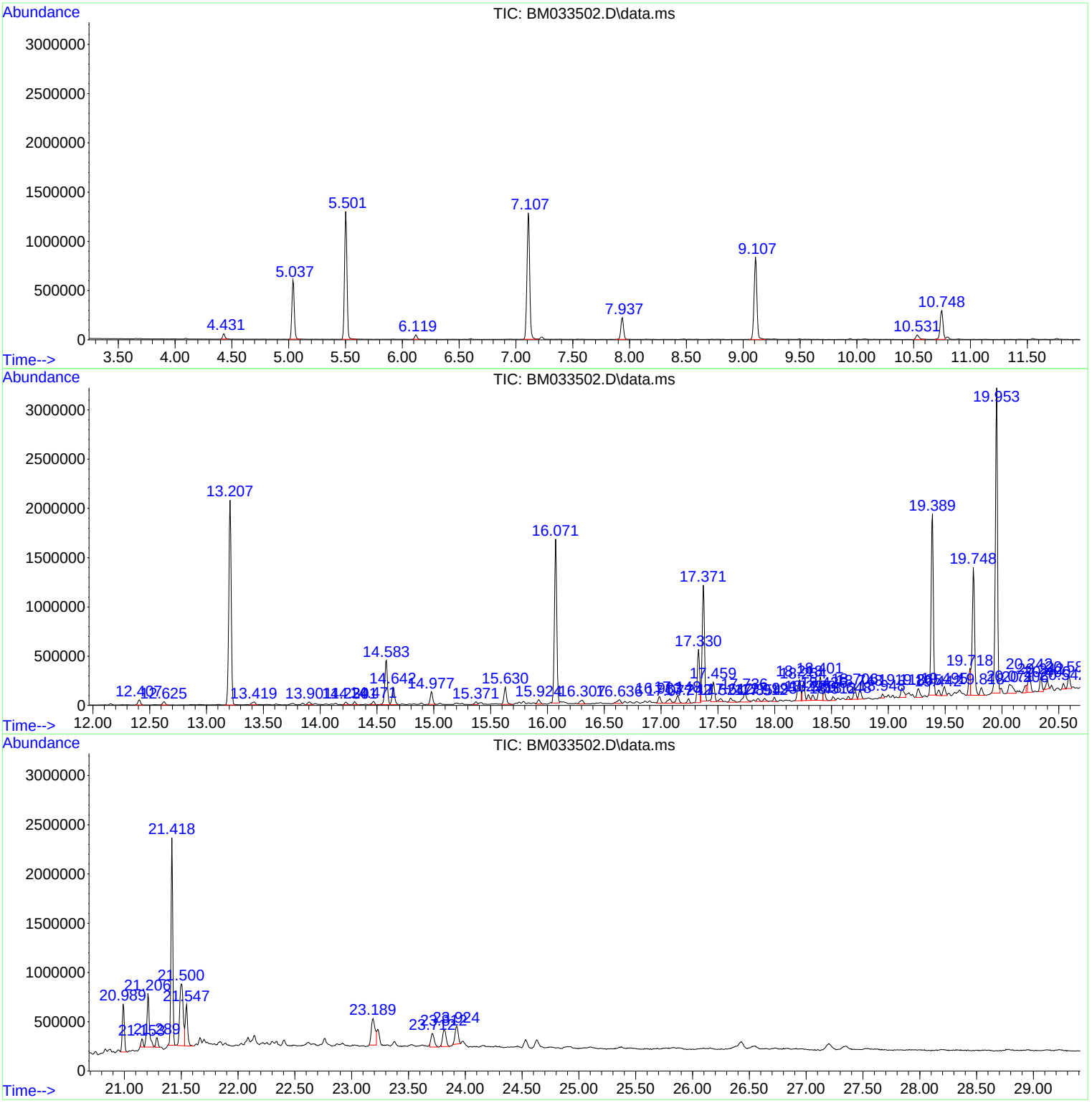
Sum of corrected areas: 38558188

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

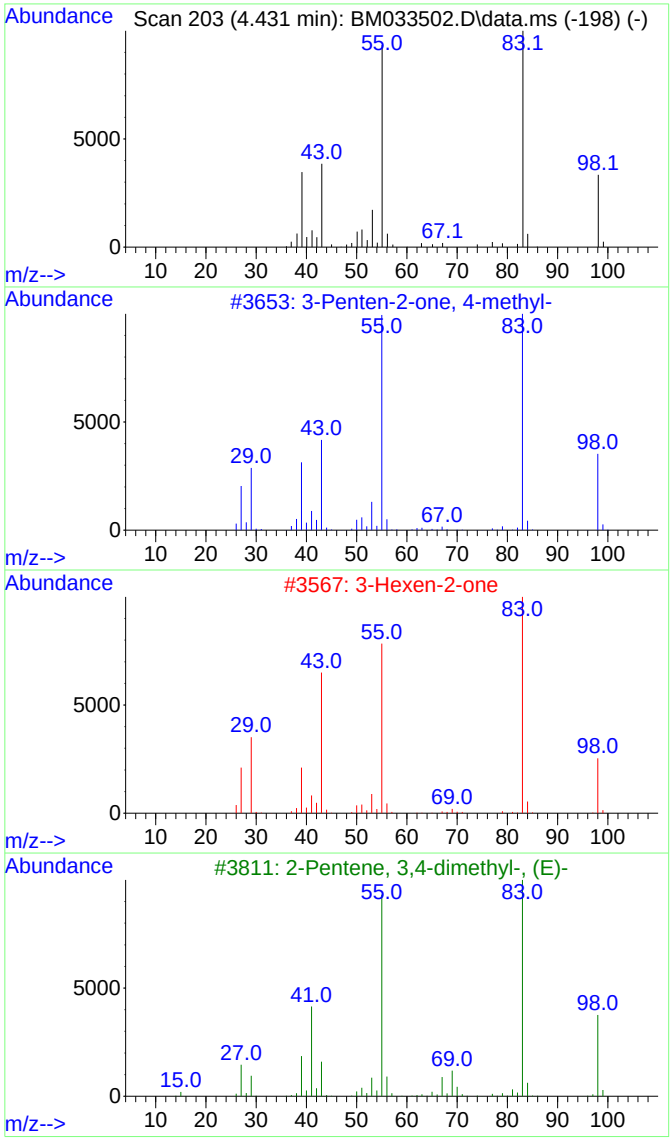
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

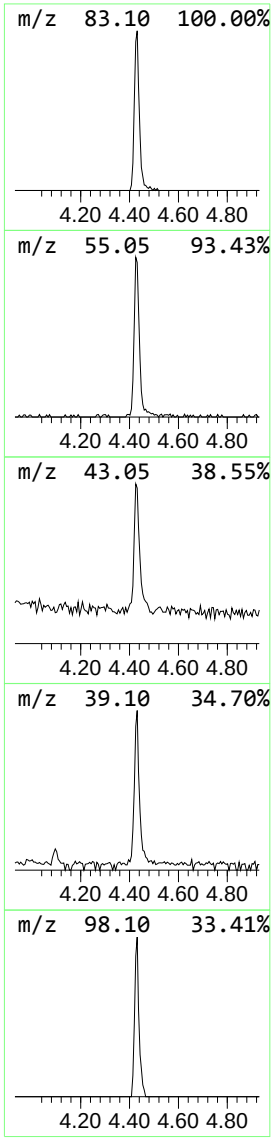
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.431	4.30 ng	77344	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
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Sample : M5089-14
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Instrument :
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ClientSampleId :
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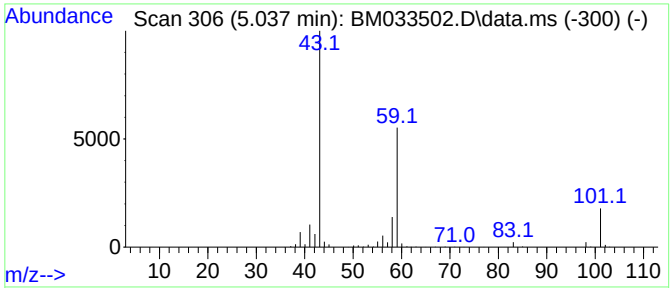
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

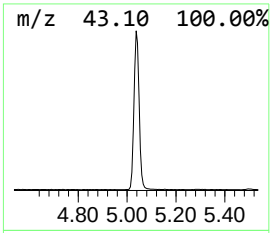
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

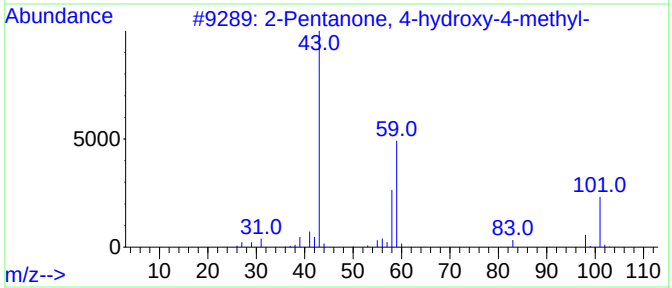
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

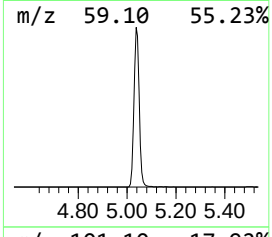
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.037	48.80 ng	877922	1,4-Dichlorobenzene-d4	7.937

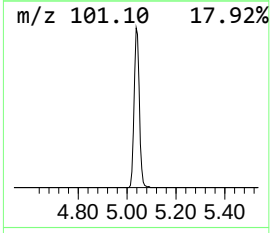
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9

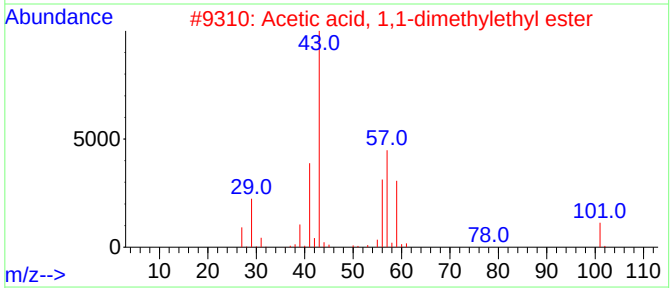


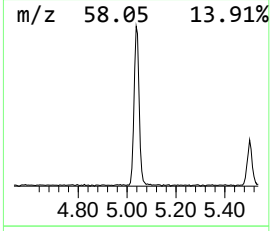


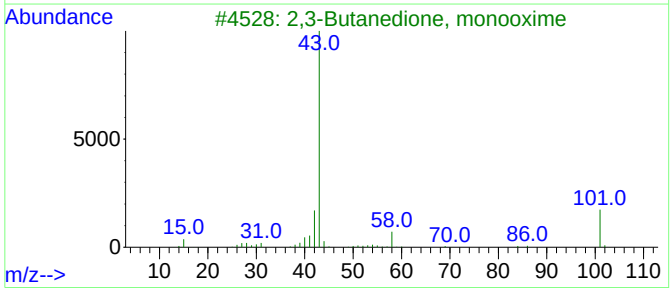


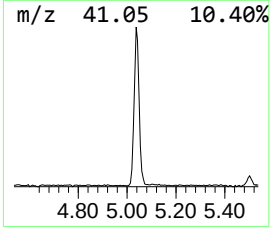












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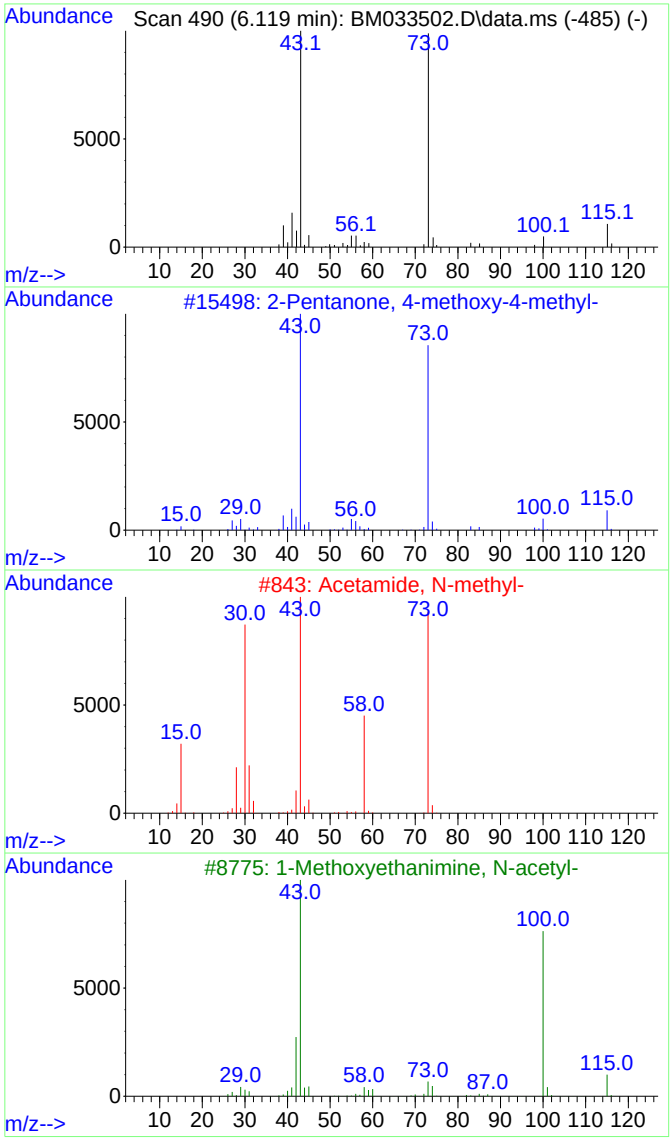
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

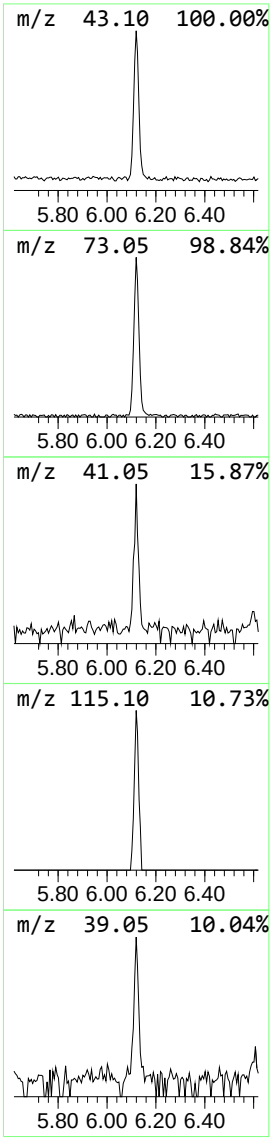
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.119	3.57 ng	64230	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	52
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	28
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	17
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

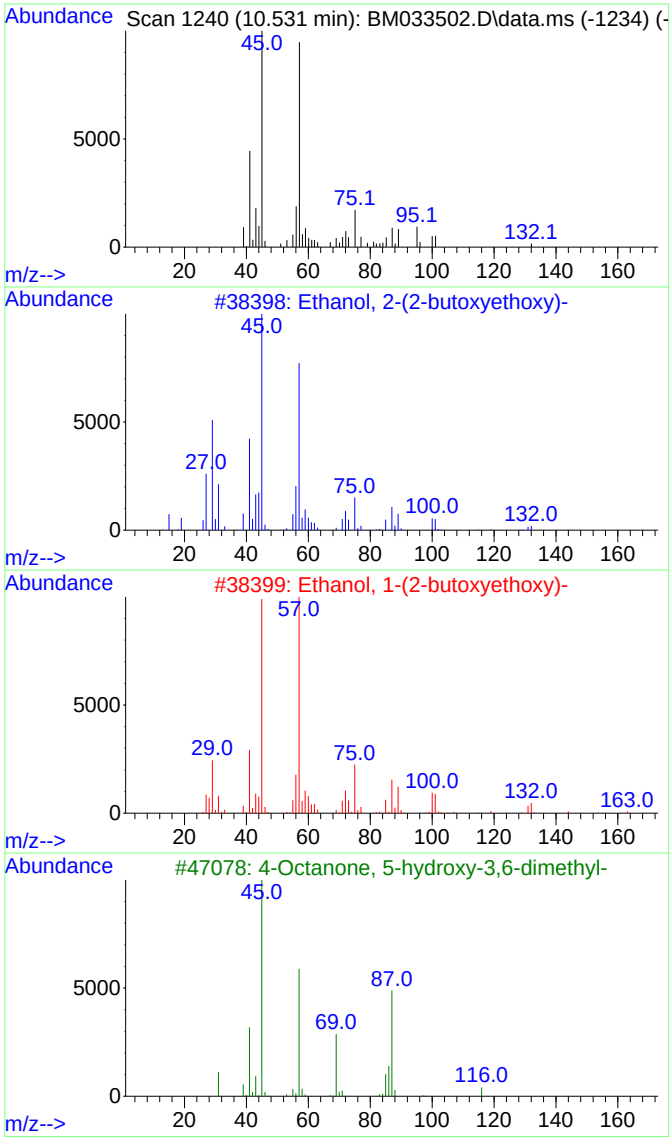
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

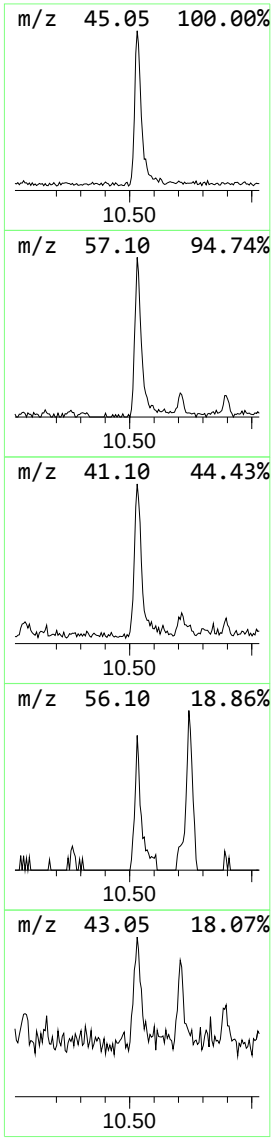
****

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.531	3.61 ng	93208	Naphthalene-d8	10.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	4-Octanone, 5-hydroxy-3,6-dimethyl-	172	C10H20O2	062759-47-1	53
4	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47
5	Propanal, 3-methoxy-	88	C4H8O2	002806-84-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

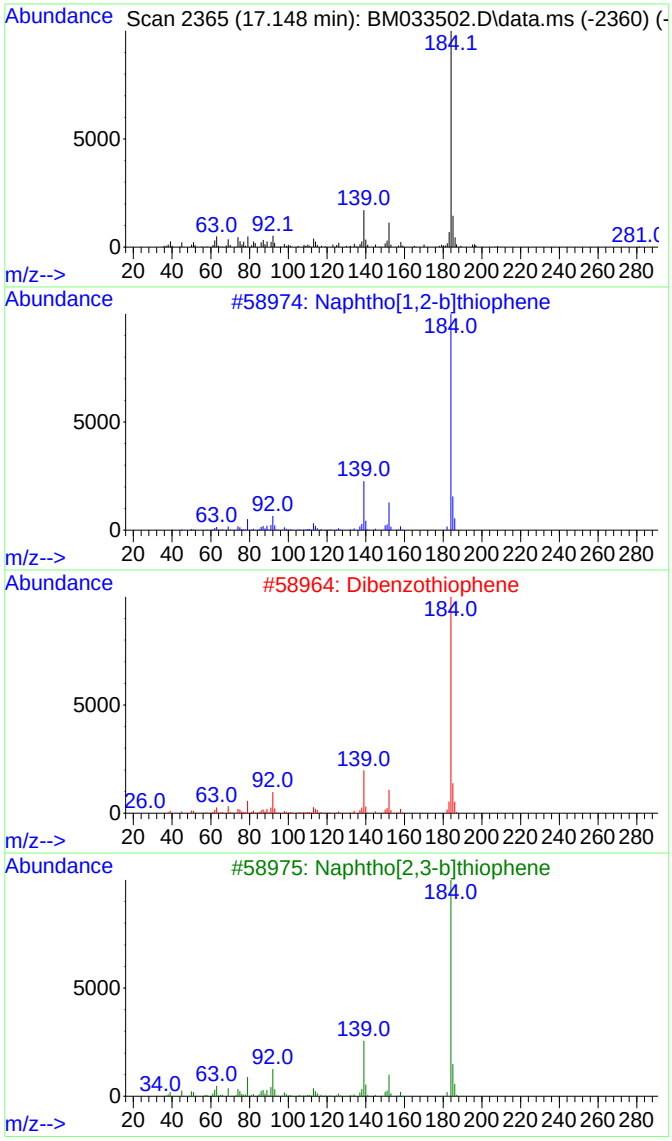
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

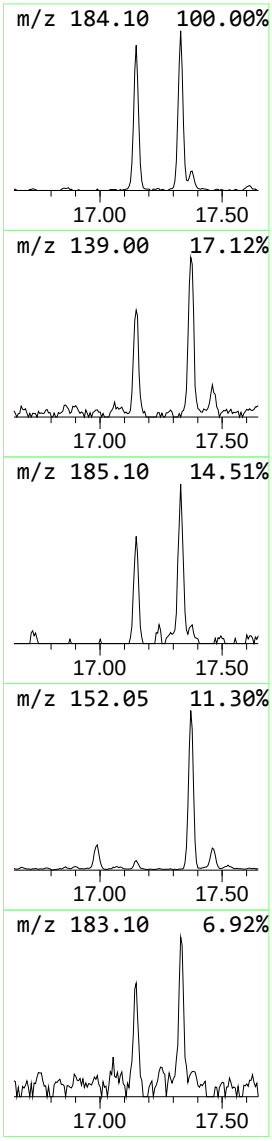
****

Peak Number 5 Naphtho[1,2-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.148	3.41 ng	134406	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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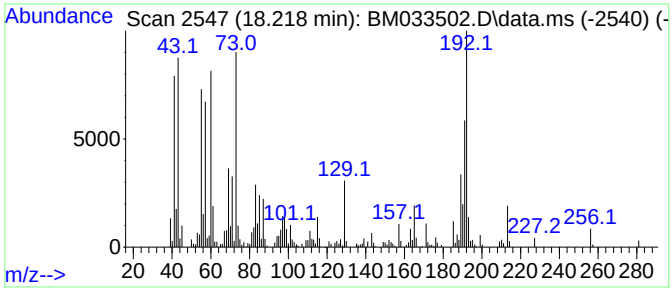
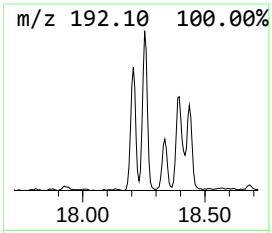
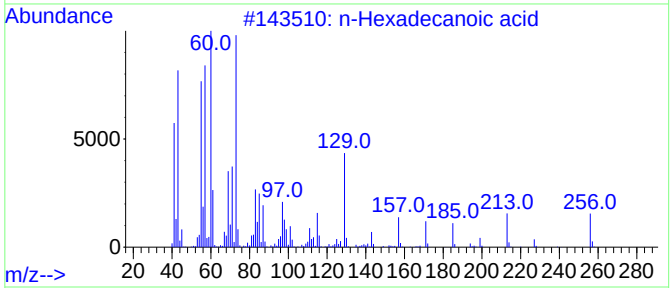
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

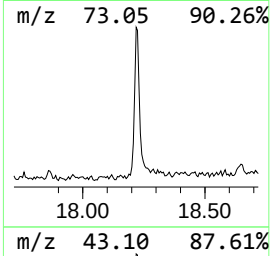
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	10.27 ng	404335	Phenanthrene-d10	17.330

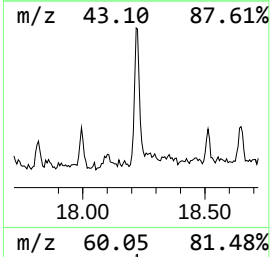
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	62
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59

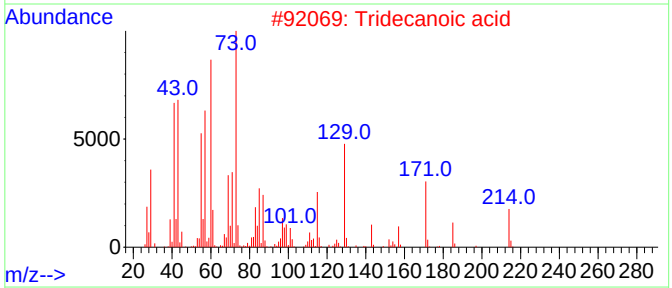


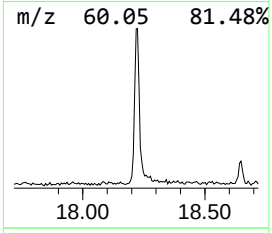


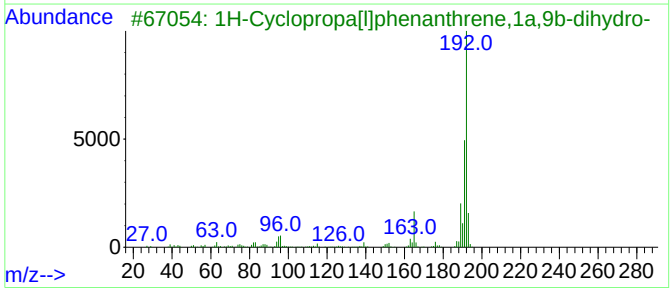


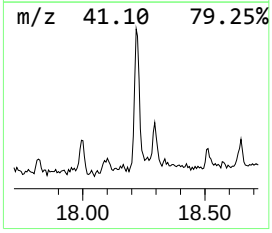












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Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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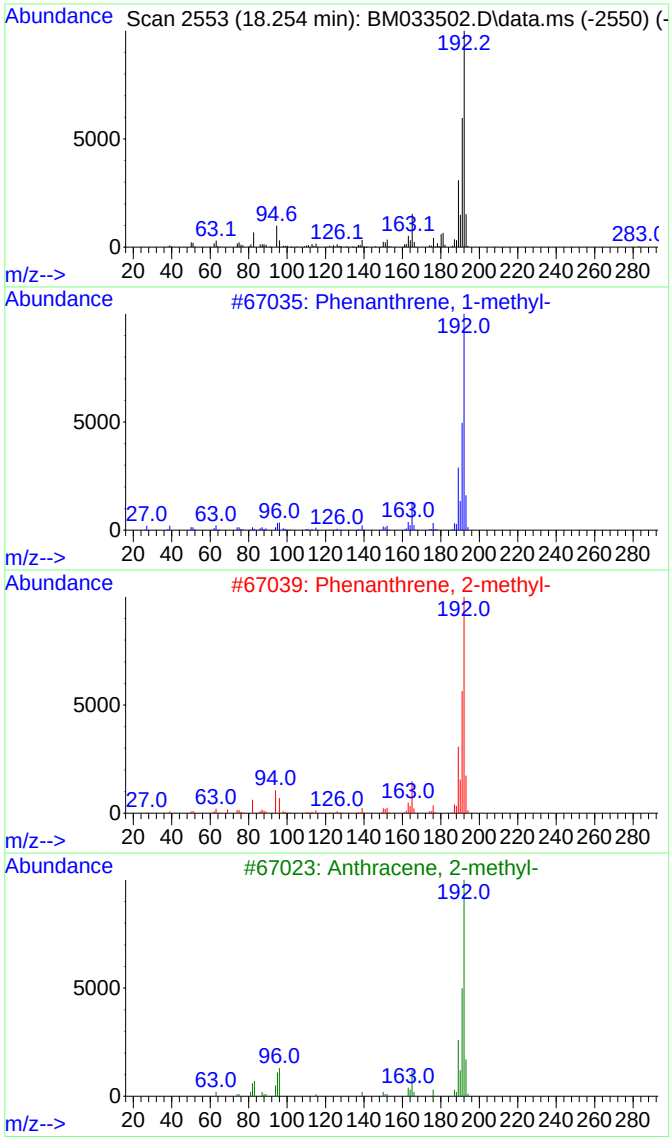
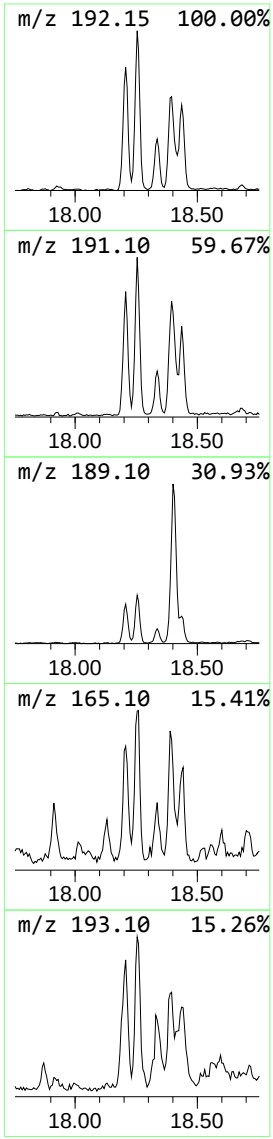
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	6.58 ng	258892	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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ClientSampleId :
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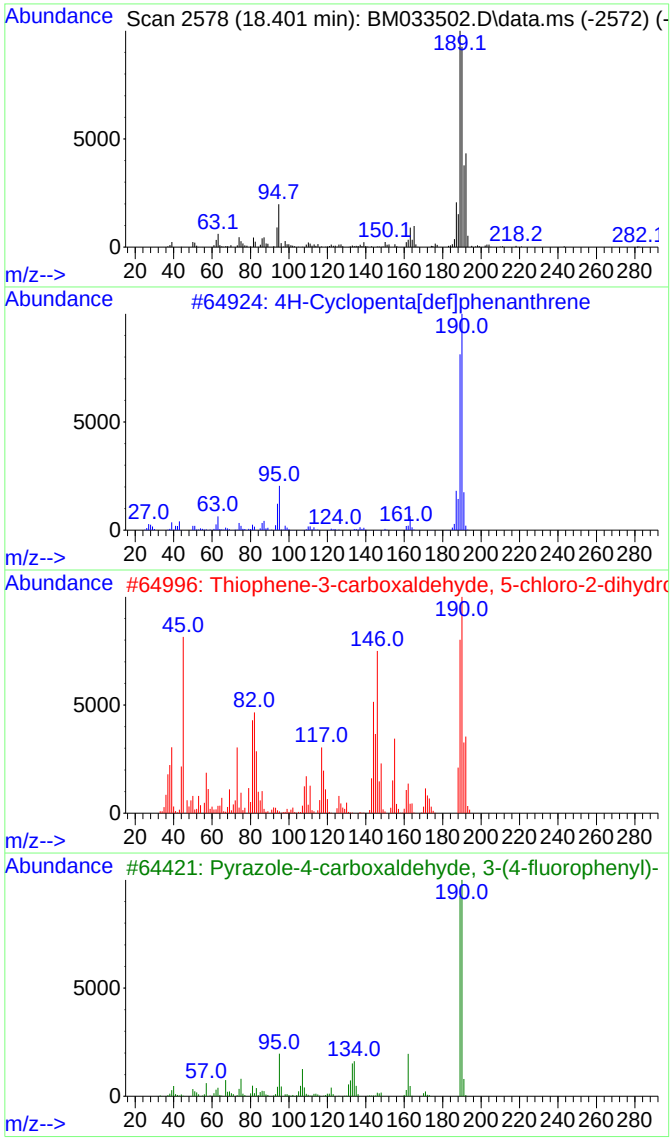
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

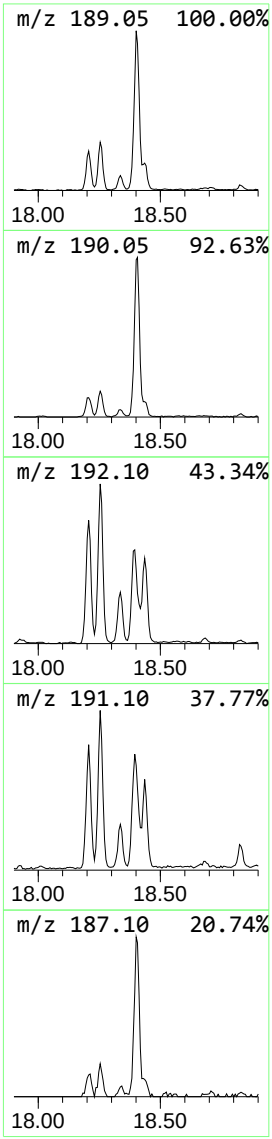
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.401	10.57 ng	415924	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	28





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

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

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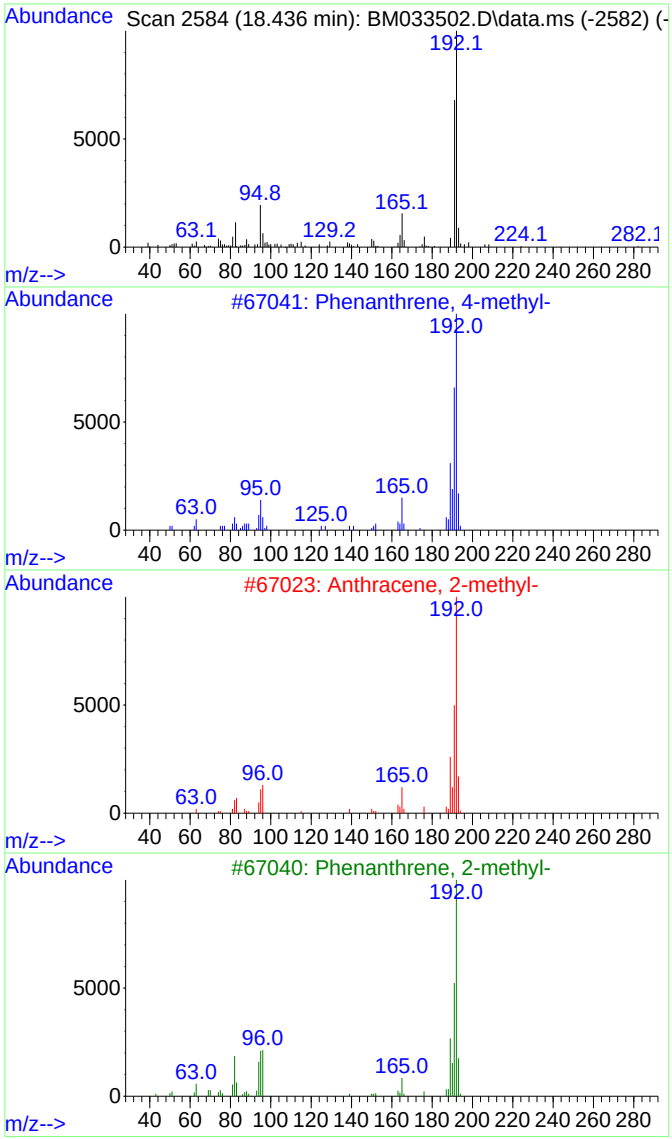
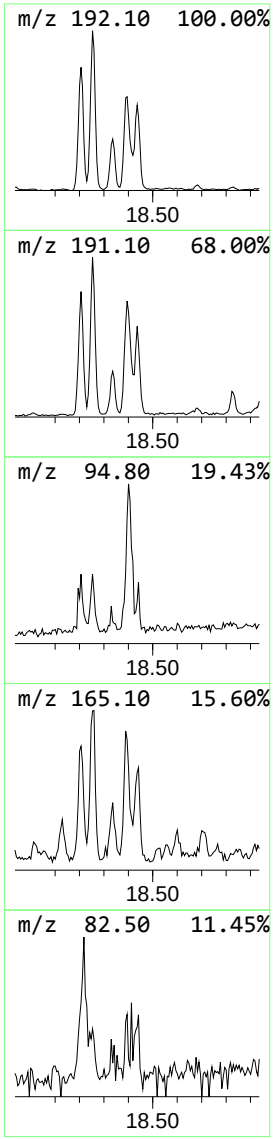
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.436	3.02 ng	118766	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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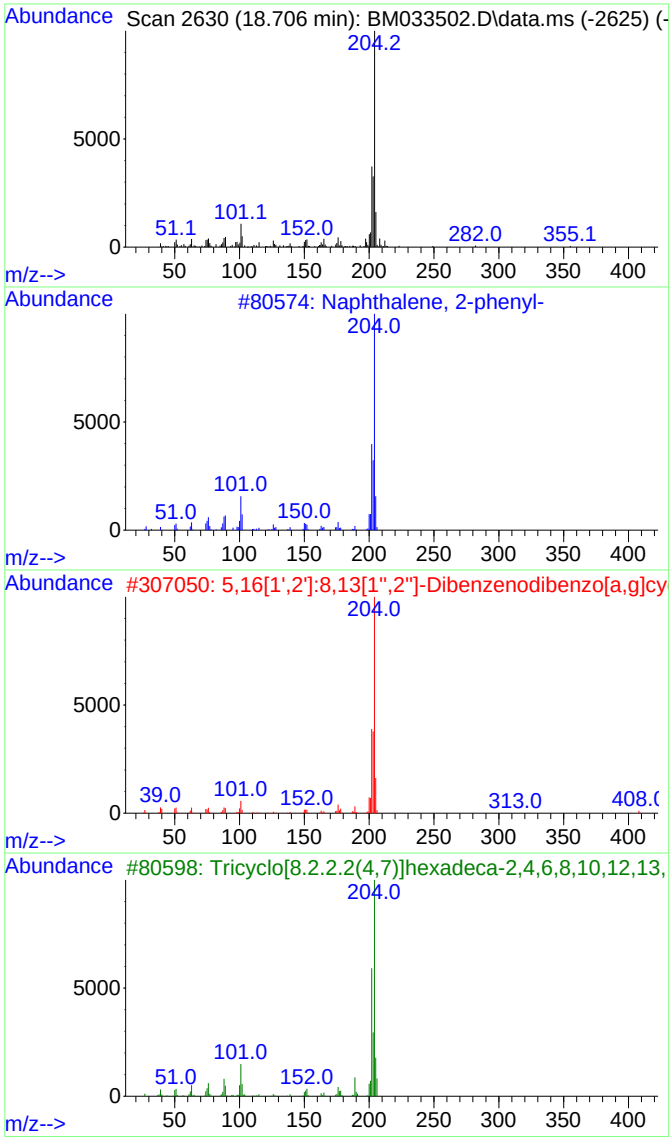
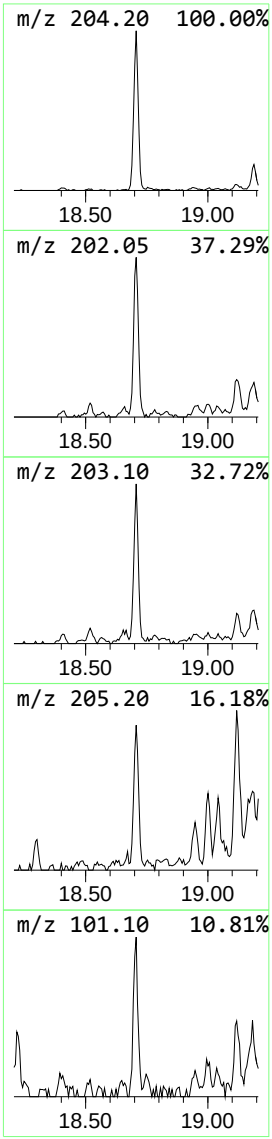
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.706	4.40 ng	173246	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52





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ALS Vial : 7 Sample Multiplier: 1

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

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

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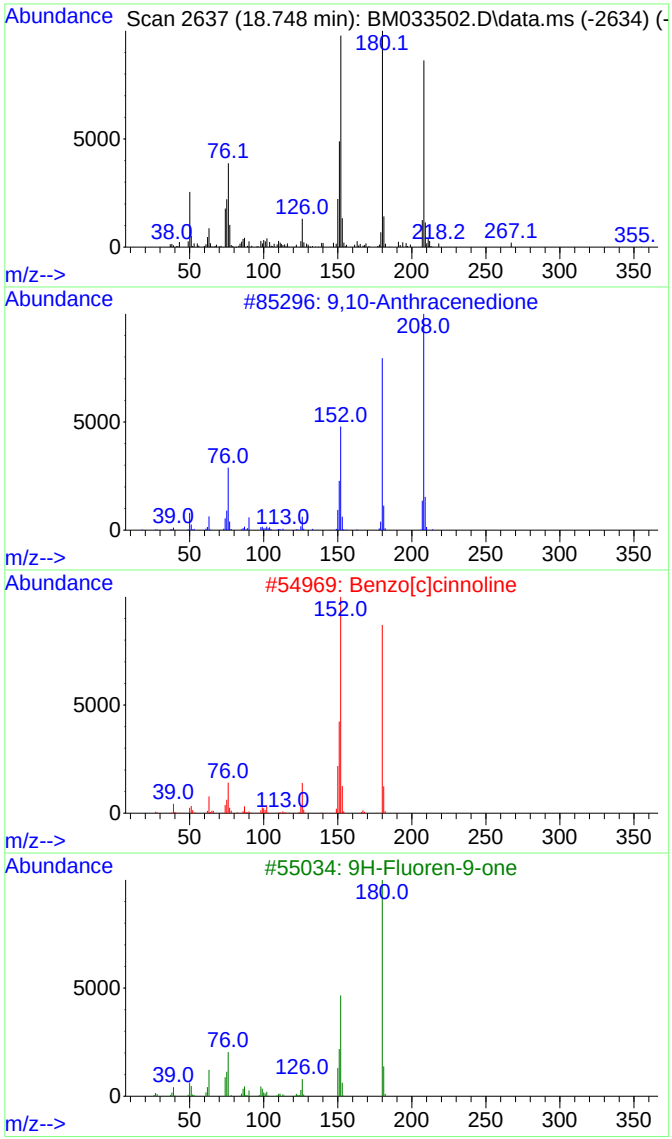
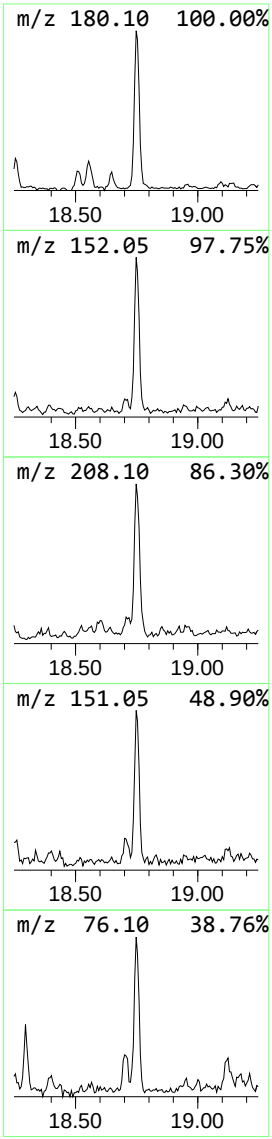
Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.748	3.86 ng	152089	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	55





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ALS Vial : 7 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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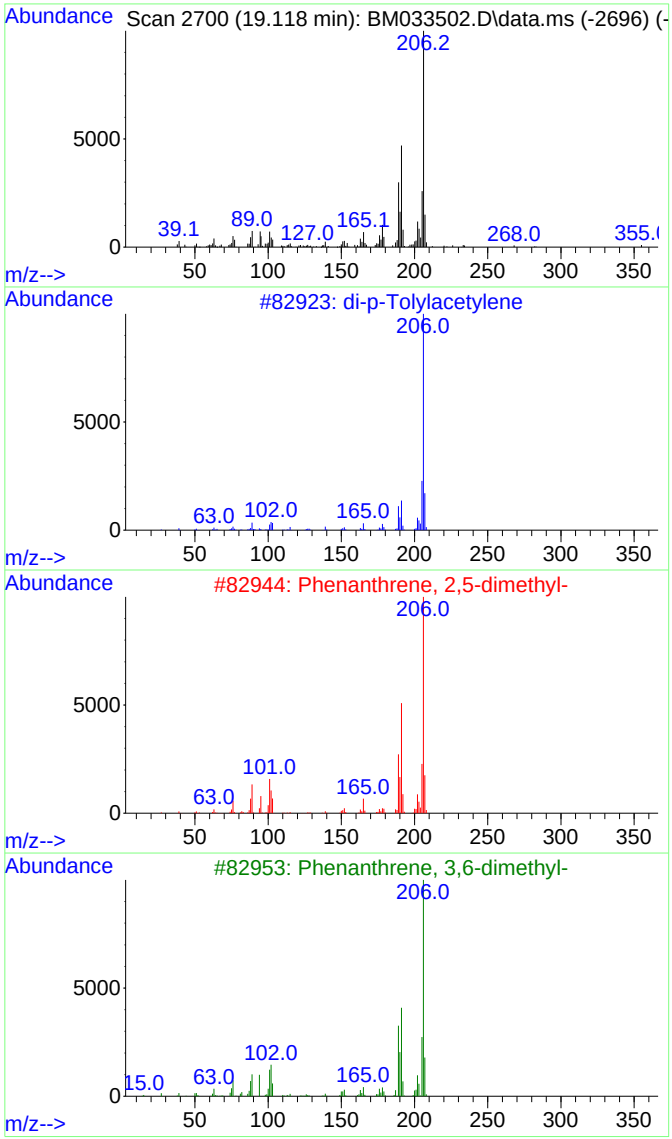
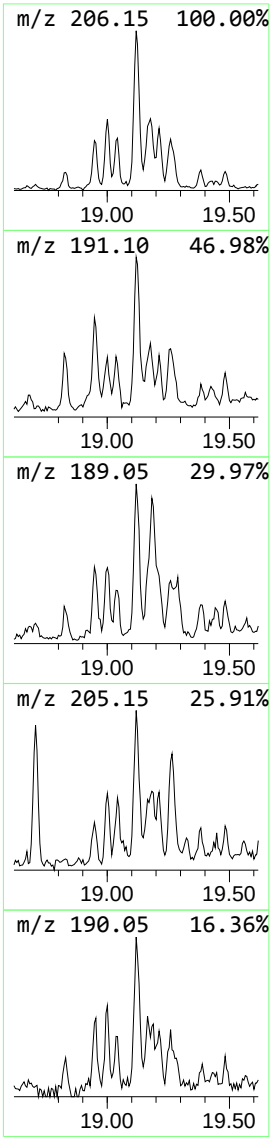
Peak Number 12 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.118	4.79 ng	188434	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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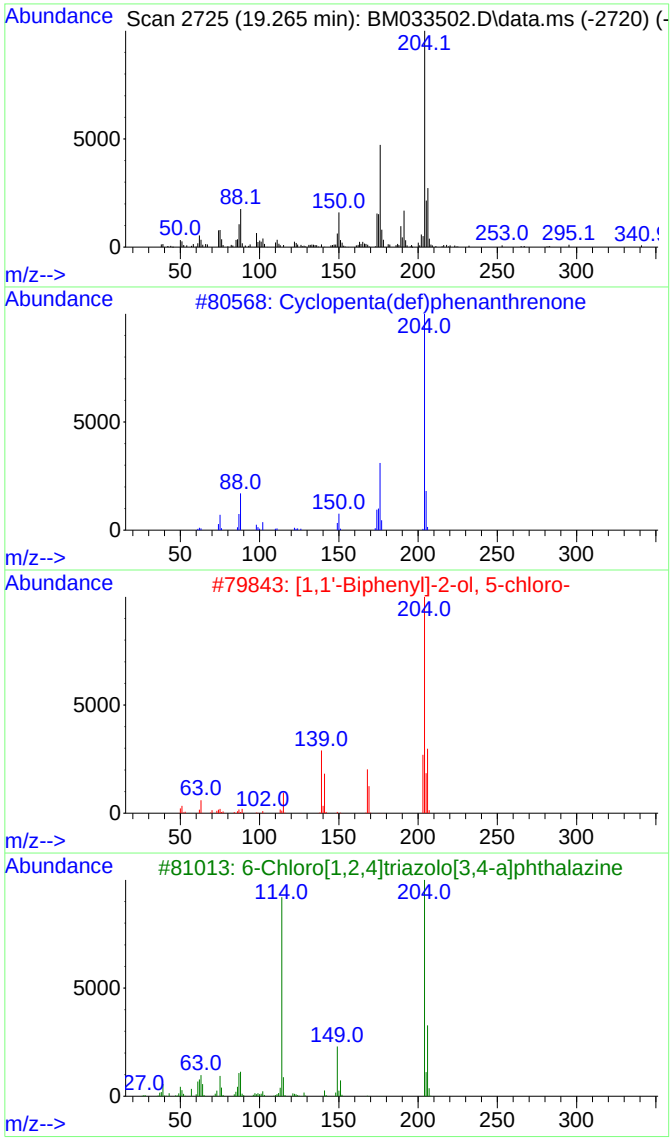
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

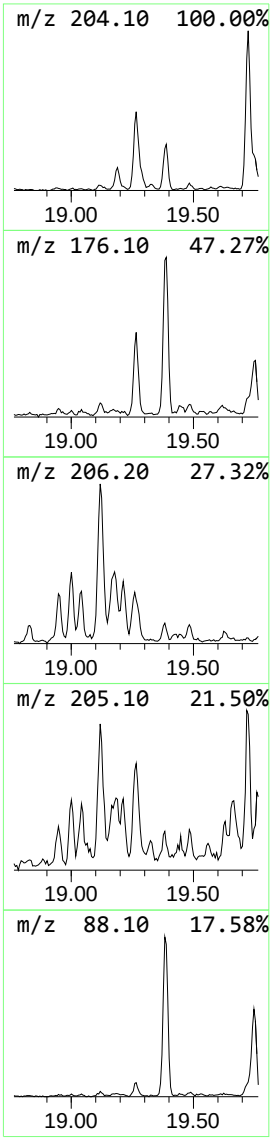
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.265	4.00 ng	157417	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	45
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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ALS Vial : 7 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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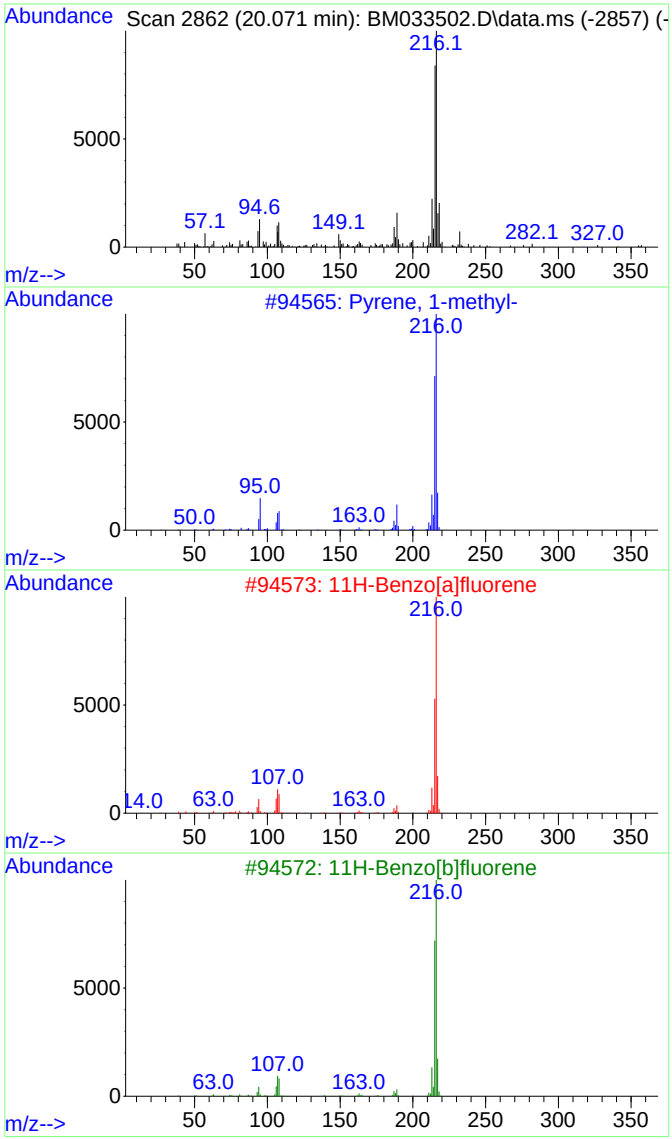
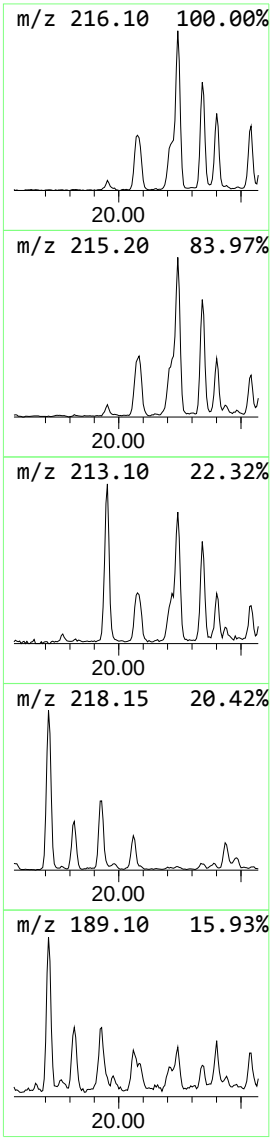
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.071	3.86 ng	260583	Chrysene-d12	21.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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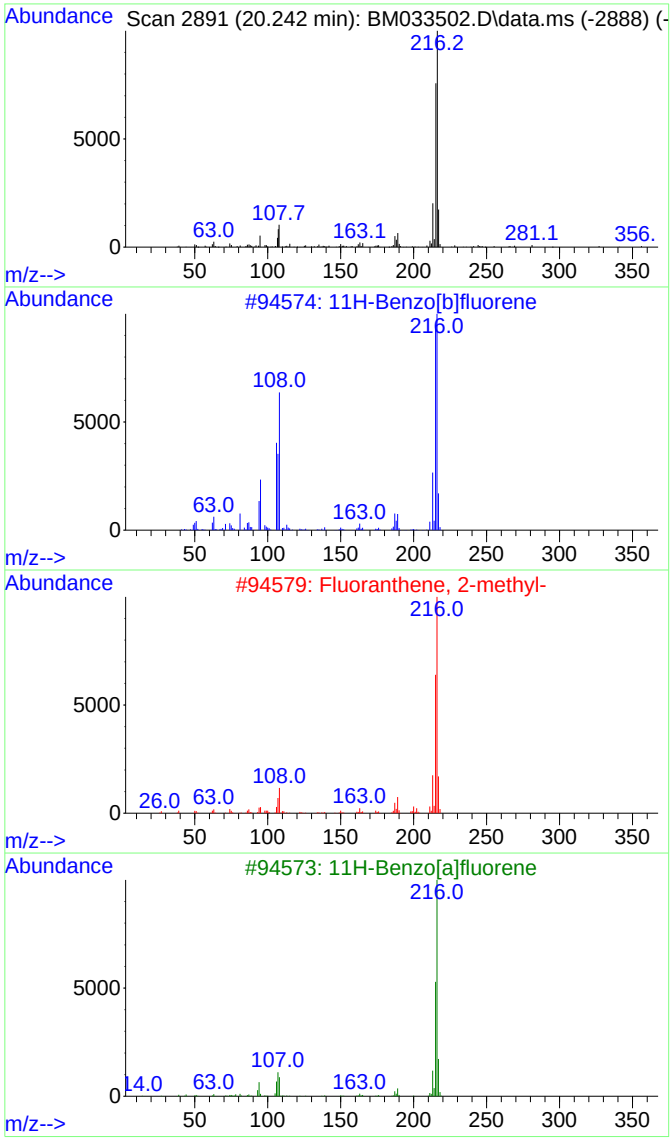
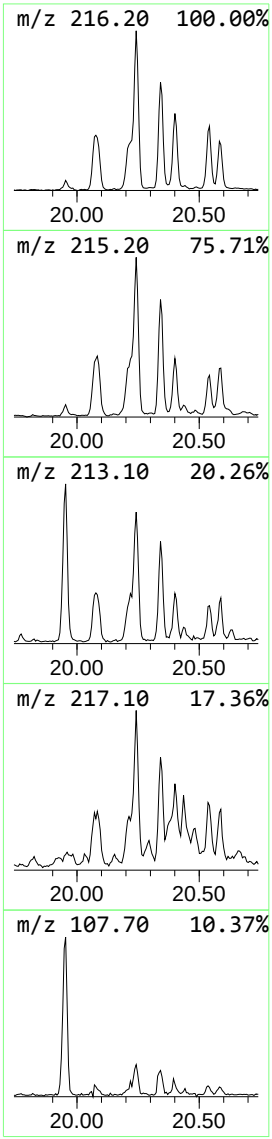
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.242	4.25 ng	286969	Chrysene-d12	21.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

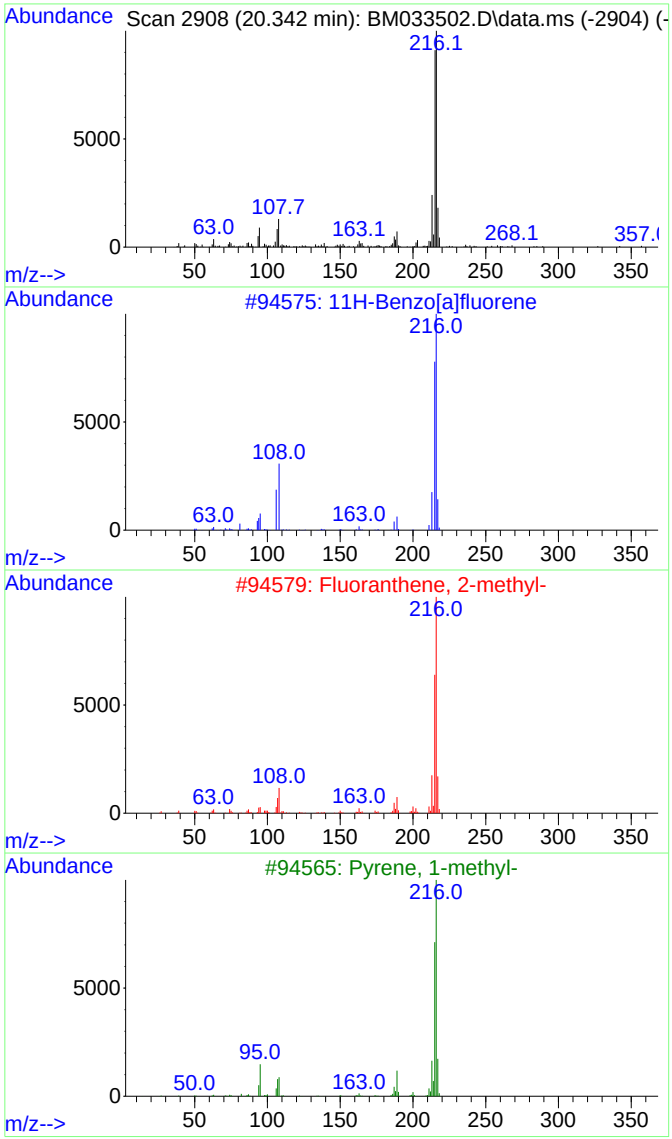
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

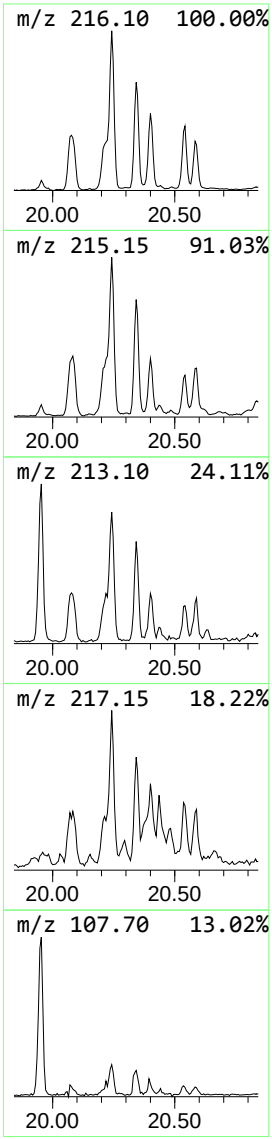
****

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.342	2.96 ng	199681	Chrysene-d12	21.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

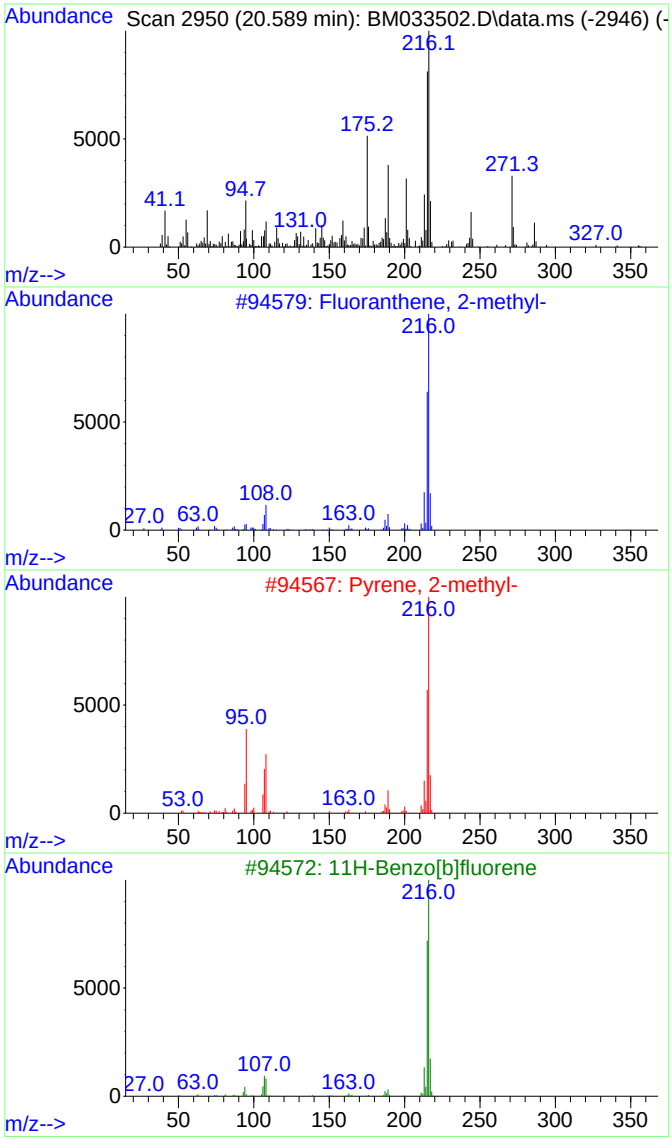
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

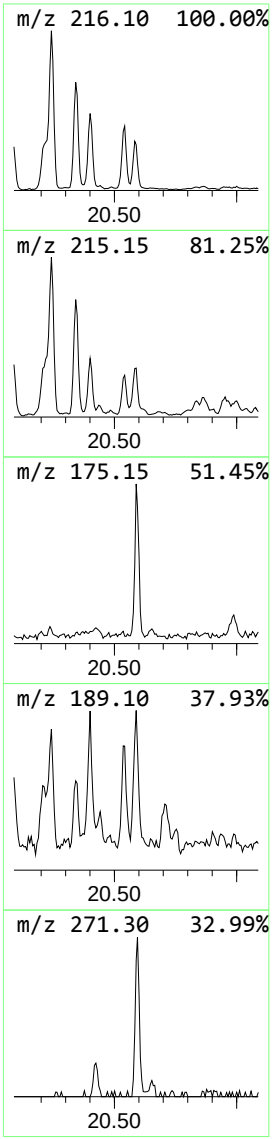
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.589	2.70 ng	182258	Chrysene-d12	21.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

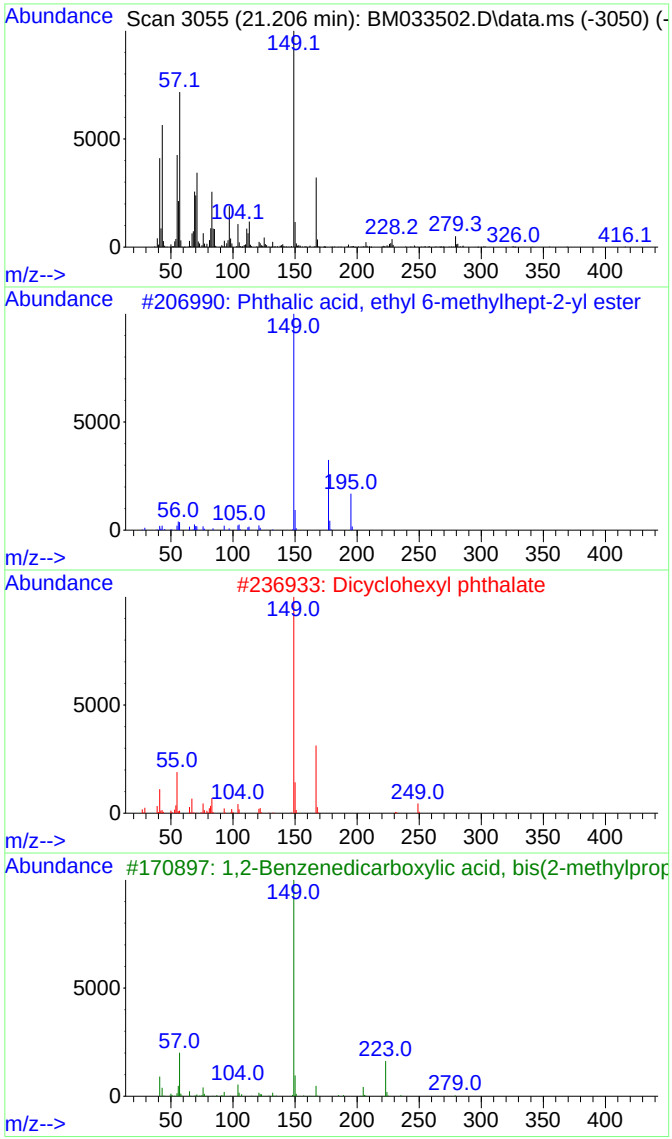
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

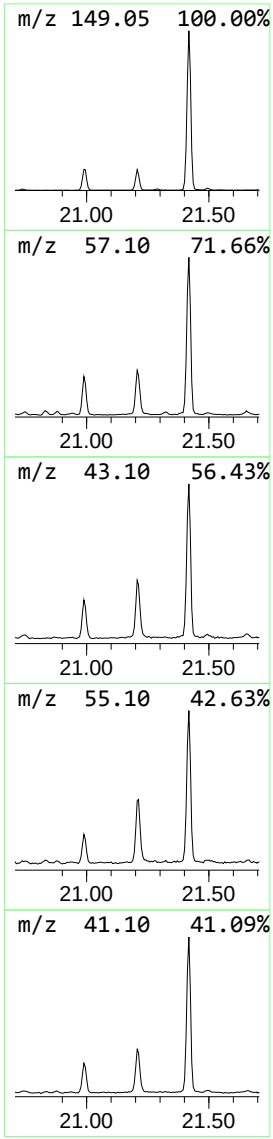
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phthalic acid, ethyl 6-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.206	12.36 ng	834662	Chrysene-d12	21.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, ethyl 6-methylhep...	306	C18H26O4	1000377-95-5	50
2	Dicyclohexyl phthalate	330	C20H26O4	000084-61-7	46
3	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	45
4	Phthalic acid, di(4-methylpent-2...	334	C20H30O4	1010356-88-6	43
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
3-Penten-2-one,...	4.431	4.3	ng	77344	1	7.937	359768	20.0
2-Pentanone, 4-...	5.037	48.8	ng	877922	1	7.937	359768	20.0
2-Pentanone, 4-...	6.119	3.6	ng	64230	1	7.937	359768	20.0
Ethanol, 2-(2-b...	10.531	3.6	ng	93208	2	10.748	516942	20.0
Naphtho[1,2-b]t...	17.148	3.4	ng	134406	4	17.330	787361	20.0
n-Hexadecanoic ...	18.218	10.3	ng	404335	4	17.330	787361	20.0
Phenanthrene, 1...	18.254	6.6	ng	258892	4	17.330	787361	20.0
4H-Cyclopenta[d...	18.401	10.6	ng	415924	4	17.330	787361	20.0
Phenanthrene, 4...	18.436	3.0	ng	118766	4	17.330	787361	20.0
Naphthalene, 2-...	18.706	4.4	ng	173246	4	17.330	787361	20.0
9,10-Anthracene...	18.748	3.9	ng	152089	4	17.330	787361	20.0
di-p-Tolylacety...	19.118	4.8	ng	188434	4	17.330	787361	20.0
Cyclopenta(def)...	19.265	4.0	ng	157417	4	17.330	787361	20.0
Pyrene, 1-methyl-	20.071	3.9	ng	260583	5	21.506	1350920	20.0
11H-Benzo[b]flu...	20.242	4.3	ng	286969	5	21.506	1350920	20.0
11H-Benzo[a]flu...	20.342	3.0	ng	199681	5	21.506	1350920	20.0
Fluoranthene, 2...	20.589	2.7	ng	182258	5	21.506	1350920	20.0
Phthalic acid, ...	21.206	12.4	ng	834662	5	21.506	1350920	20.0