LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038802.D
Acq On : 21 Feb 2023 00:33
Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-13-SB03

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	294	301	307	rVB	234060	319653	16.67%	1.659%
2	5.428	374	381	387	rBV	526070	723522	37.73%	3.755%
3	5.851	446	453	459	rBV4	13310	22122	1.15%	0.115%
4	7.051	650	657	666	rVB	515824	772687	40.30%	4.010%
5	7.875	791	797	803	rVB	180333	274634	14.32%	1.425%
6	9.051	989	997	1008	rBV	396025	634092	33.07%	3.291%
7	10.639	1260	1267	1269	rBV2	14068	21807	1.14%	0.113%
8	10.686	1269	1275	1280	rVV	221562	365263	19.05%	1.896%
9	10.733	1280	1283	1289	rVV	38267	61003	3.18%	0.317%
10	10.822	1289	1298	1303	rVB3	11840	21781	1.14%	0.113%
11	11.692	1441	1446	1450	rBV	25932	35985	1.88%	0.187%
12	12.086	1510	1513	1518	rBV	17656	25233	1.32%	0.131%
13	12.351	1553	1558	1564	rVB	53311	76236	3.98%	0.396%
14	12.569	1589	1595	1602	rBV	49399	73388	3.83%	0.381%
15	13.045	1670	1676	1680	rVB3	17179	26643	1.39%	0.138%
16	13.151	1688	1694	1700	rVB	1111271	1492260	77.83%	7.744%
17	13.333	1720	1725	1728	rBV	25601	37279	1.94%	0.193%
18	13.686	1781	1785	1786	rBV3	20372	24973	1.30%	0.130%
19	13.845	1806	1812	1817	rBV2	58426	103089	5.38%	0.535%
20	13.904	1817	1822	1825	rBV	39058	51116	2.67%	0.265%
21	13.992	1831	1837	1842	rVB2	36622	50297	2.62%	0.261%
22	14.086	1848	1853	1856	rBV	23281	31552	1.65%	0.164%
23	14.251	1877	1881	1891	rVB	82158	126584	6.60%	0.657%
24	14.339	1892	1896	1901	rVB7	13524	21078	1.10%	0.109%
25	14.410	1901	1908	1912	rBV	32991	46920	2.45%	0.243%
26	14.527	1917	1928	1935	rBV	339370	541489	28.24%	2.810%
27	14.598	1936	1940	1946	rVB5	15892	36920	1.93%	0.192%
28	14.739	1958	1964	1971	rVB4	16605	37679	1.97%	0.196%
29	14.839	1971	1981	1986	rBV6	19069	48489	2.53%	0.252%
30	14.927	1986	1996	2003	rBV2	49746	102331	5.34%	0.531%
31	14.998	2003	2008	2012	rBV	22044	35017	1.83%	0.182%
32	15.145	2027	2033	2038	rBV2	33567	63913	3.33%	0.332%
33	15.198	2038	2042	2046	rVB2	20444	28240	1.47%	0.147%
34	15.304	2054	2060	2065	rBV6	35357	75399	3.93%	0.391%
35	15.357	2065	2069	2073	rVB2	39638	55693	2.90%	0.289%
36	15.563	2100	2104	2109	rBV2	33077	48937	2.55%	0.254%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13-SB03

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-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.610	2109	2112	2118	rVB4	14085	23692	1.24%	0.123%
38	15.768	2134	2139	2143	rBV4	14315	27507	1.43%	0.143%
39	15.892	2149	2160	2168	rBV2	61668	136176	7.10%	0.707%
40	16.021	2173	2182	2190	rVV	755142	1095659	57.14%	5.686%
41	16.245	2213	2220	2233	rVB3	90698	198996	10.38%	1.033%
42	16.380	2240	2243	2248	rBV2	15049	25217	1.32%	0.131%
43	16.674	2289	2293	2299	rBV9	13338	19326	1.01%	0.100%
44	16.810	2310	2316	2321	rBV5	31763	76194	3.97%	0.395%
45	16.851	2321	2323	2333	rVB6	22349	44140	2.30%	0.229%
46	16.939	2333	2338	2345	rBV3	39756	70155	3.66%	0.364%
47	17.015	2345	2351	2356	rBV4	56163	87730	4.58%	0.455%
48	17.098	2362	2365	2373	rVB3	20968	39239	2.05%	0.204%
49	17.280	2390	2396	2400	rBV	399249	564147	29.42%	2.928%
50	17.321	2400	2403	2408	rVB	203472	259116	13.51%	1.345%
51	17.410	2414	2418	2423	rBV	80635	114673	5.98%	0.595%
52	17.551	2439	2442	2445	rBV4	12887	21942	1.14%	0.114%
53	17.598	2447	2450	2457	rVB4	24372	39010	2.03%	0.202%
54	17.692	2459	2466	2472	rBV	38707	88665	4.62%	0.460%
55	17.757	2473	2477	2481	rVB2	48200	67229	3.51%	0.349%
56	17.862	2491	2495	2503	rVB5	23826	44395	2.32%	0.230%
57	18.109	2534	2537	2541	rVB2	30852	37518	1.96%	0.195%
58	18.168	2541	2547	2550	rBV2	297592	452563	23.60%	2.349%
59	18.204	2550	2553	2558	rVB	126410	175343	9.14%	0.910%
60	18.286	2564	2567	2571	rVB	26049	35441	1.85%	0.184%
61	18.345	2573	2577	2582	rBV2	95174	165976	8.66%	0.861%
62	18.386	2582	2584	2590	rVB	68769	84956	4.43%	0.441%
63	18.451	2591	2595	2601	rBV5	50575	95046	4.96%	0.493%
64	18.551	2609	2612	2616	rVB6	18149	22151	1.16%	0.115%
65	18.657	2626	2630	2635	rVV2	62684	85132	4.44%	0.442%
66	18.709	2635	2639	2648	rVB2	56855	89773	4.68%	0.466%
67	18.904	2669	2672	2677	rVV2	33359	45440	2.37%	0.236%
68	18.956	2677	2681	2684	rVV	33750	50810	2.65%	0.264%
69	18.992	2684	2687	2691	rVB2	35545	42092	2.20%	0.218%
70	19.074	2696	2701	2706	rBV2	124480	223256	11.64%	1.159%
71	19.168	2714	2717	2720	rVB	47446	50683	2.64%	0.263%
72	19.221	2720	2726	2731	rBV2	60181	117238	6.11%	0.608%
73	19.339	2741	2746	2752	rVB	517501	658266	34.33%	3.416%
74	19.398	2753	2756	2759	rBV	34634	41303	2.15%	0.214%
75	19.445	2760	2764	2768	rBV3	126200	157489	8.21%	0.817%
76	19.668	2798	2802	2804	rBV2	81647	105649	5.51%	0.548%

LSC Area Percent Report

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Instrument :
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Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.703	2804	2808	2816	rVV	445192	617659	32.21%	3.205%
78	19.774	2816	2820	2826	rVB2	75958	119666	6.24%	0.621%
79	19.903	2837	2842	2846	rVB	1794227	1917404	100.00%	9.950%
80	20.021	2858	2862	2864	rBV3	54427	86881	4.53%	0.451%
81	20.168	2882	2887	2888	rBV4	50439	87188	4.55%	0.452%
82	20.198	2890	2892	2896	rVB	103311	99628	5.20%	0.517%
83	20.498	2940	2943	2946	rBV	51869	63625	3.32%	0.330%
84	20.692	2974	2976	2982	rVB2	43313	48132	2.51%	0.250%
85	20.945	3016	3019	3025	rVB	122925	151788	7.92%	0.788%
86	21.156	3051	3055	3059	rBV2	201210	274894	14.34%	1.427%
87	21.245	3067	3070	3075	rVB	89832	115824	6.04%	0.601%
88	21.462	3101	3107	3111	rBV2	629690	1156512	60.32%	6.002%
89	21.498	3111	3113	3123	rVB	293965	405543	21.15%	2.105%
90	23.121	3384	3389	3394	rBV	261656	560471	29.23%	2.909%
91	23.633	3472	3476	3483	rVB	176862	311526	16.25%	1.617%
92	23.739	3490	3494	3501	rVB	193485	335110	17.48%	1.739%
93	23.844	3506	3512	3517	rBV2	352784	625502	32.62%	3.246%

Sum of corrected areas: 19269990

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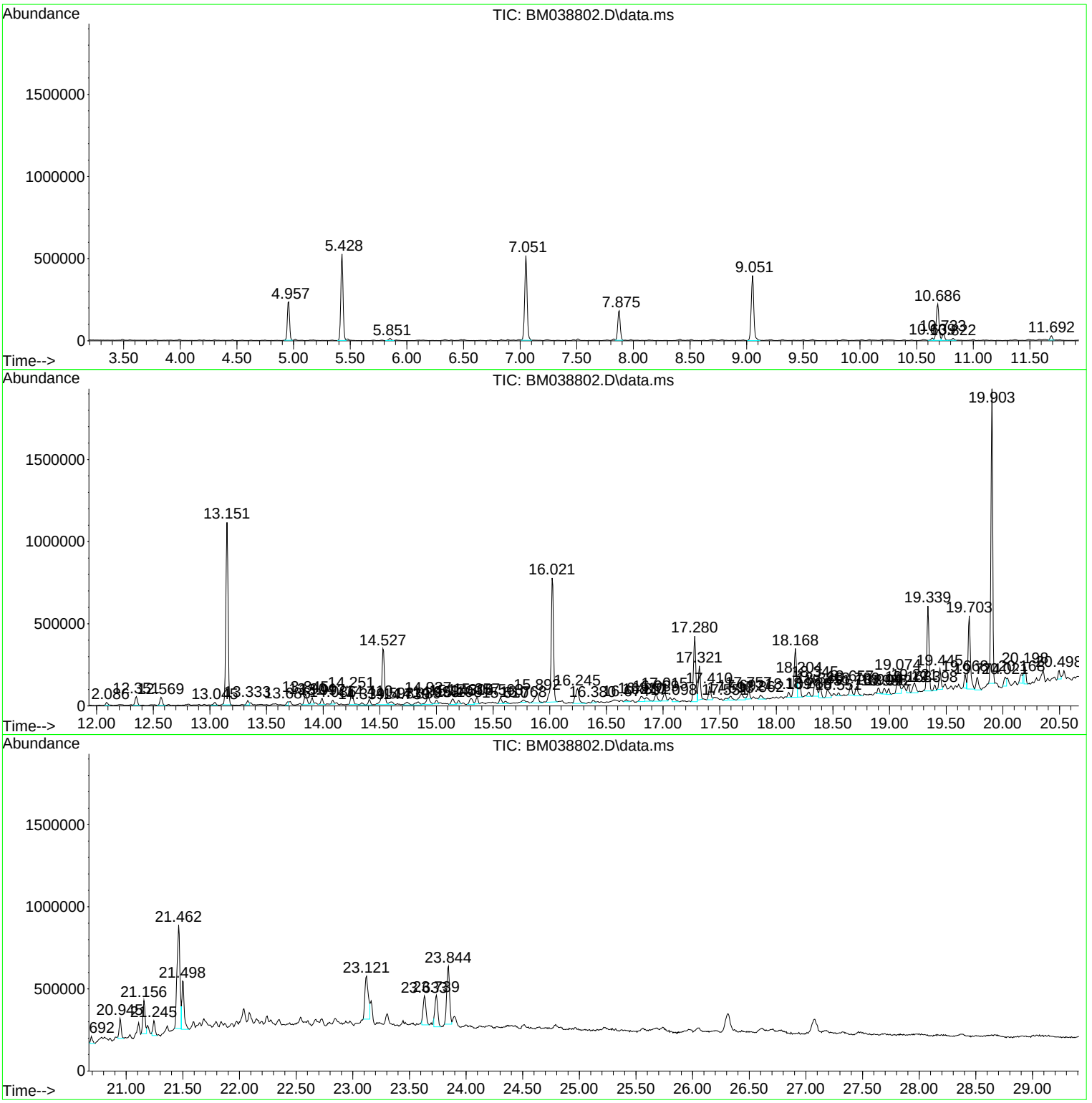
Instrument :
BNA_M
ClientSampleId :
B-13-SB03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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\BM022023\
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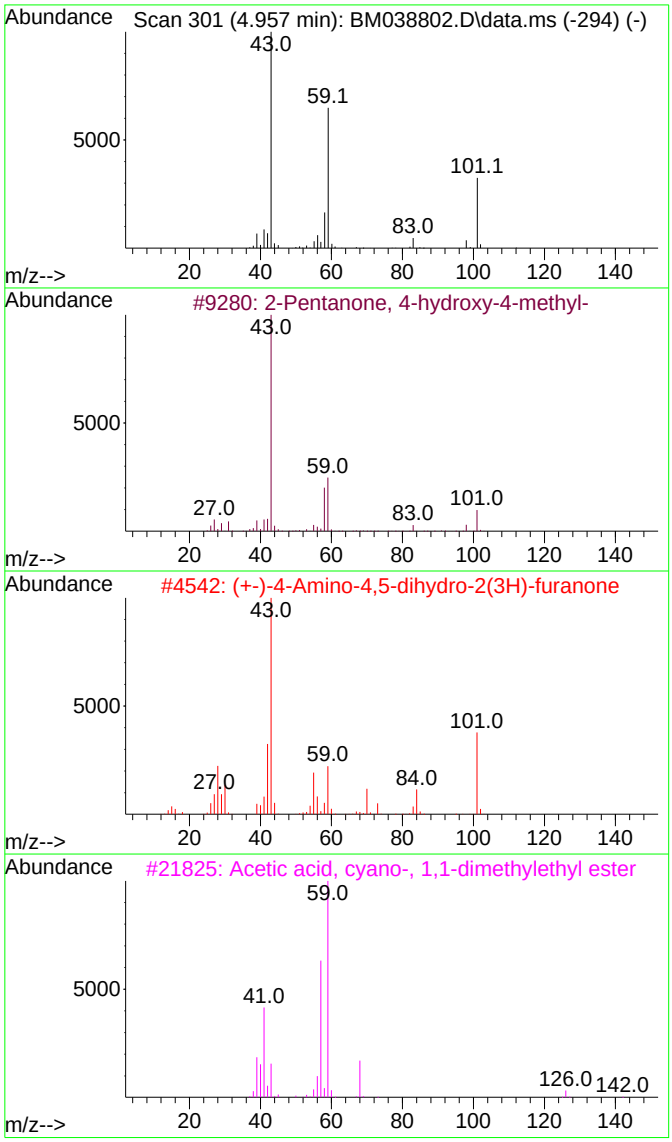
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

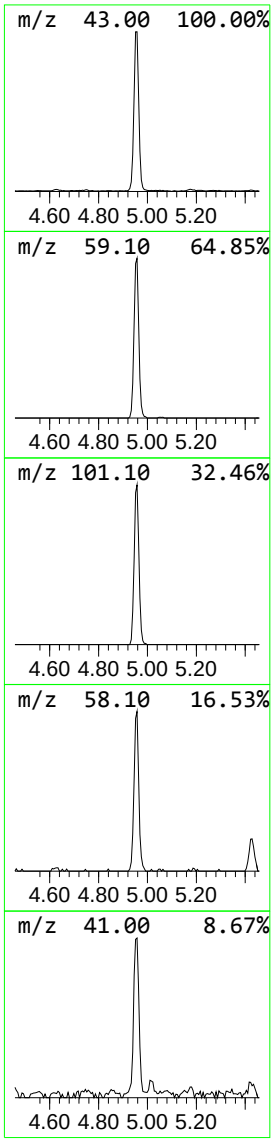
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	23.28 ng	319653	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	2,4-Pentanedione, 3-(1-methyleth...	142	C8H14O2	001540-38-1	12





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

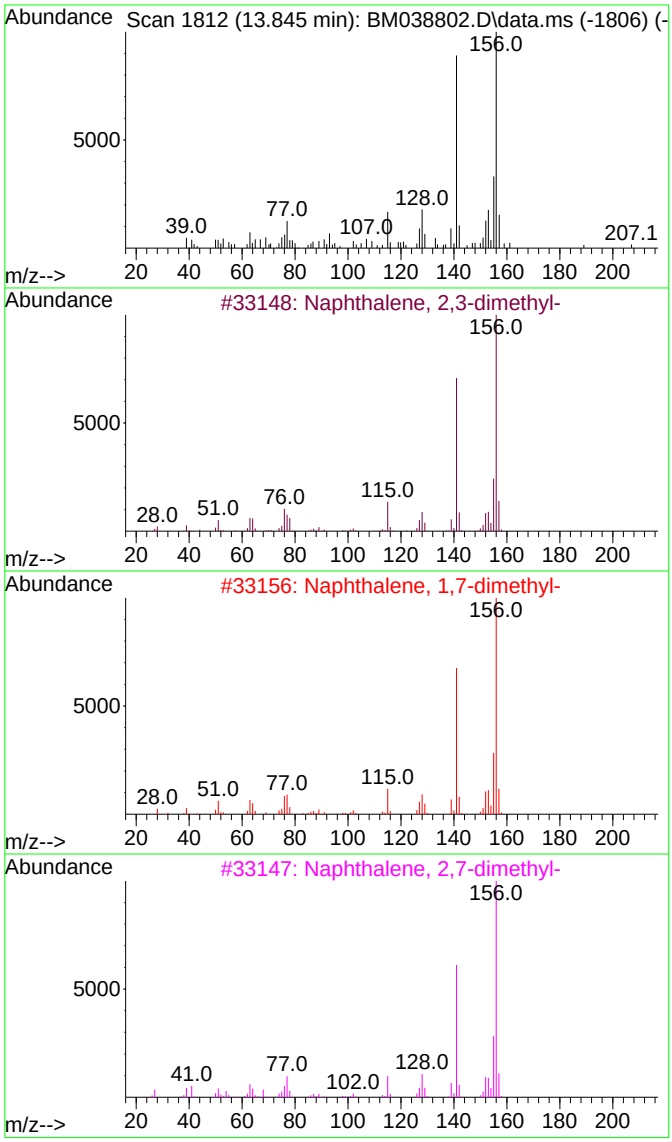
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

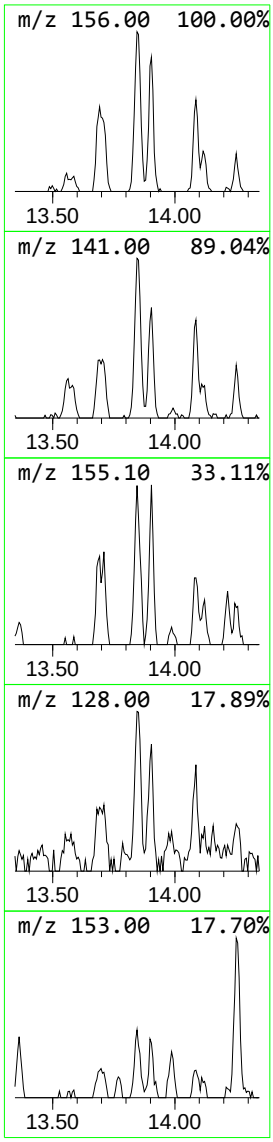
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	3.81 ng	103089	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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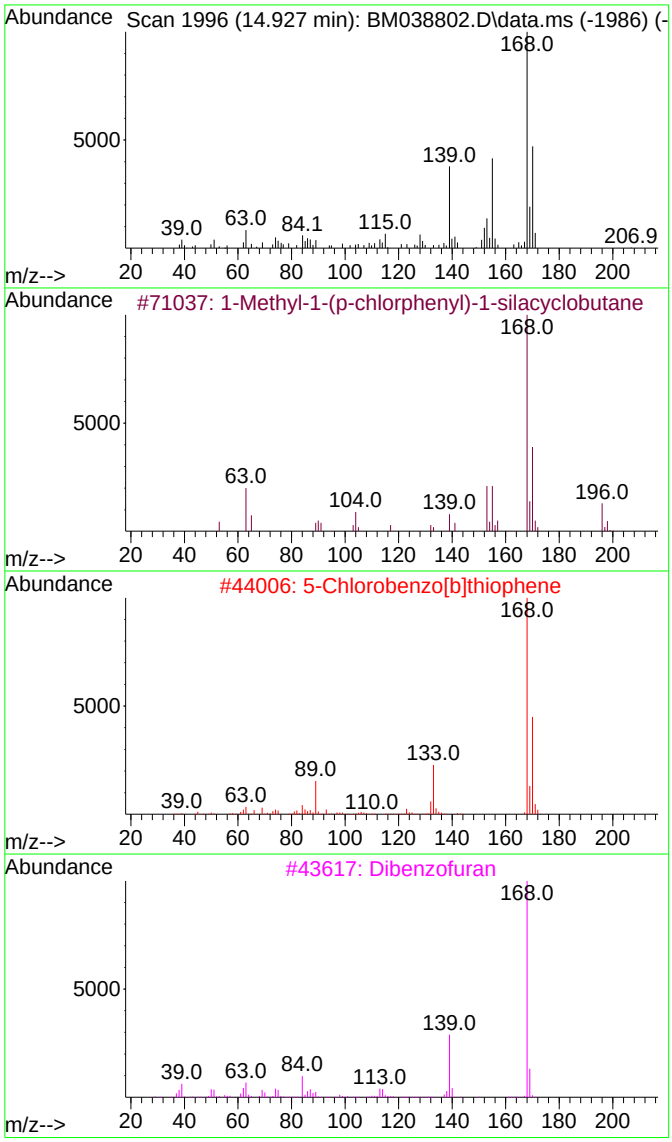
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

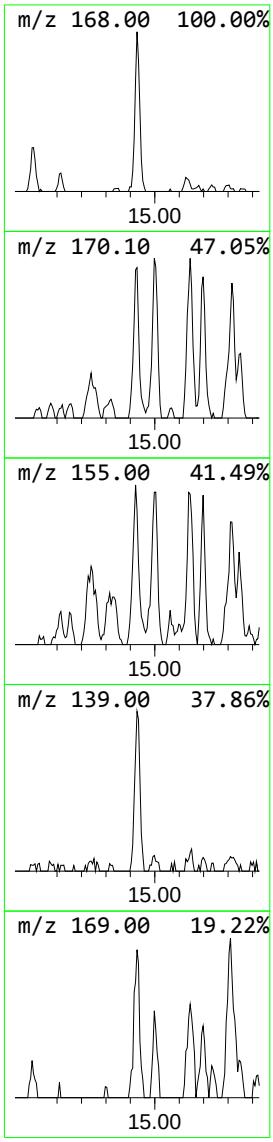
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Methyl-1-(p-chlorphenyl)-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	3.78 ng	102331	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-(p-chlorphenyl)-1-sil...	196	C10H13ClSi	057465-49-3	50
2	5-Chlorobenzo[b]thiophene	168	C8H5ClS	020532-33-6	49
3	Dibenzofuran	168	C12H8O	000132-64-9	45
4	[2-Amino-1-(2-chlorophenyl)ethyl...	240	C12H17ClN2O	1216920-20-5	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38





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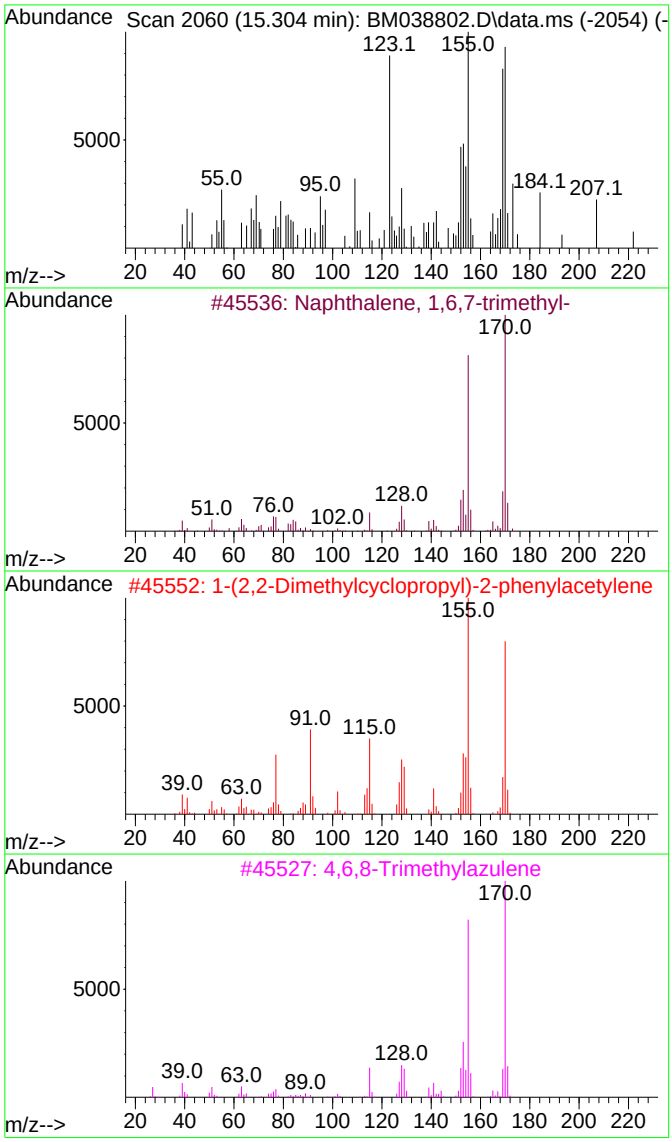
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

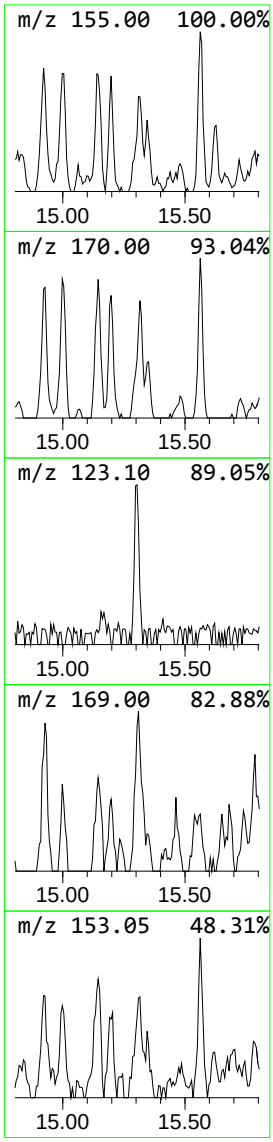
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	2.78 ng	75399	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	46
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	46
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42
5	1-Acenaphthenol	170	C12H10O	006306-07-6	41





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Data File : BM038802.D
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Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13-SB03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

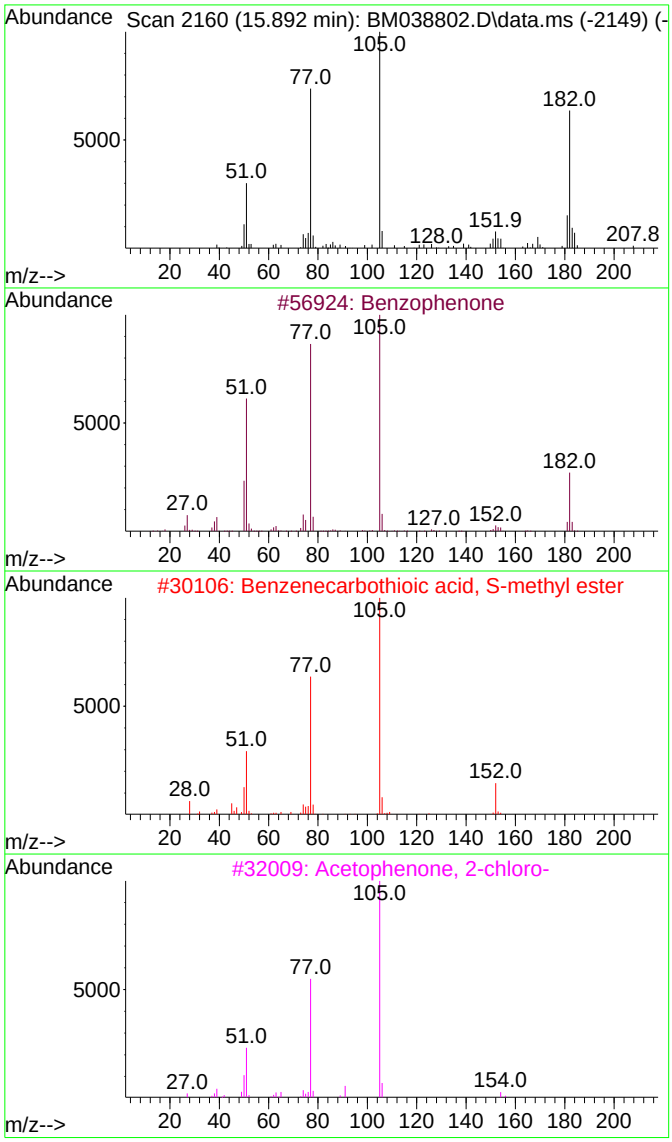
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

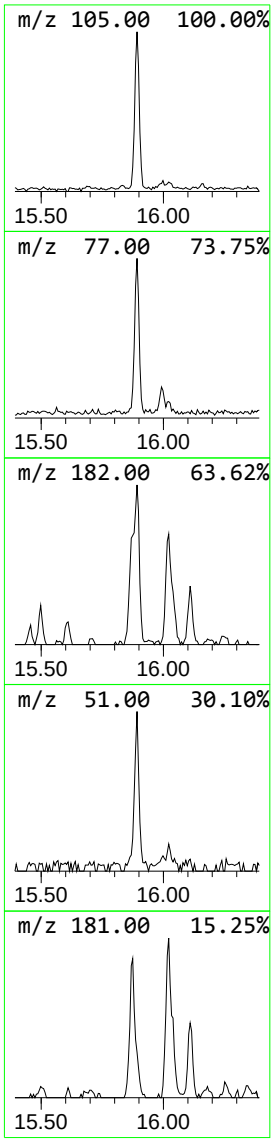
****

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	5.03 ng	136176	Acenaphthene-d10	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	53
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	49
5	Benzoylformic acid	150	C8H6O3	000611-73-4	49





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-13-SB03

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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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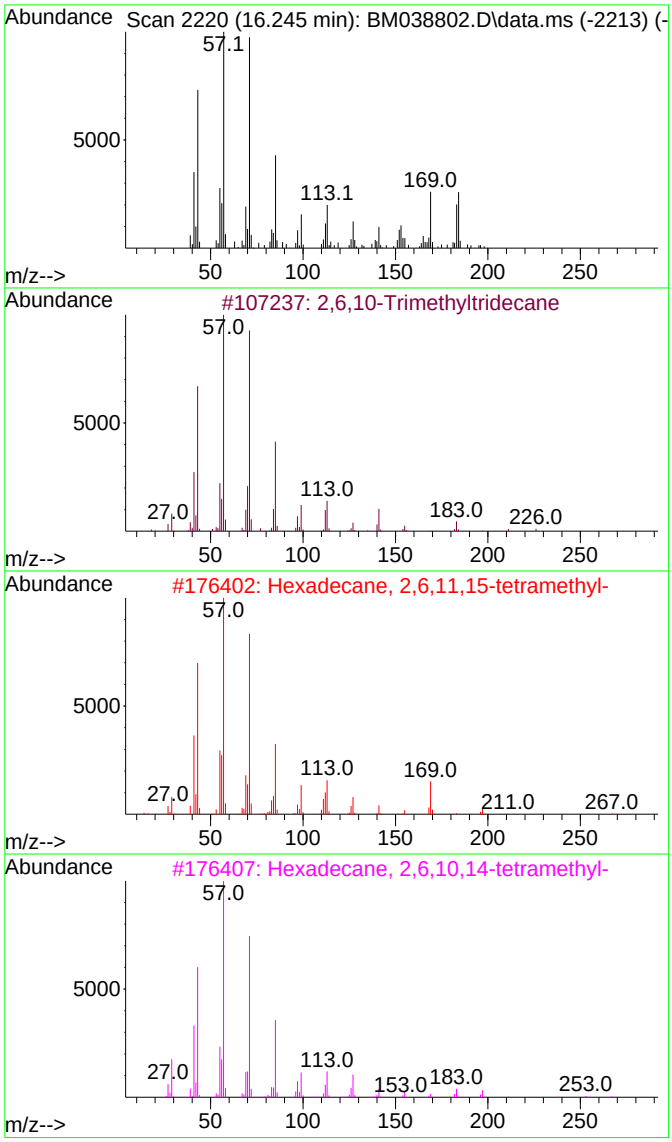
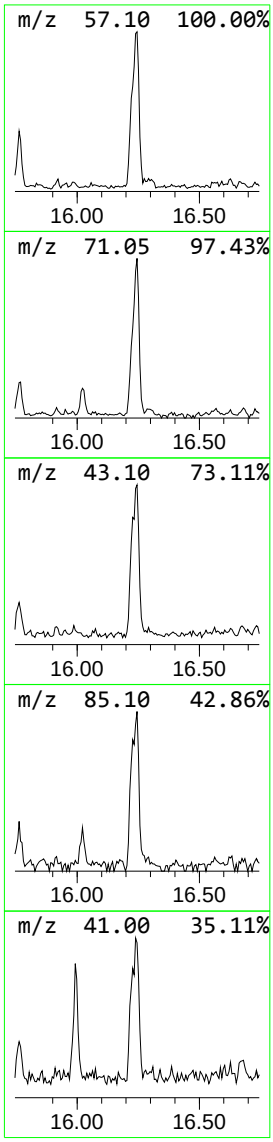
Peak Number 6 2,6,10-Trimethyltridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.245	7.05 ng	198996	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	58
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	49
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	49





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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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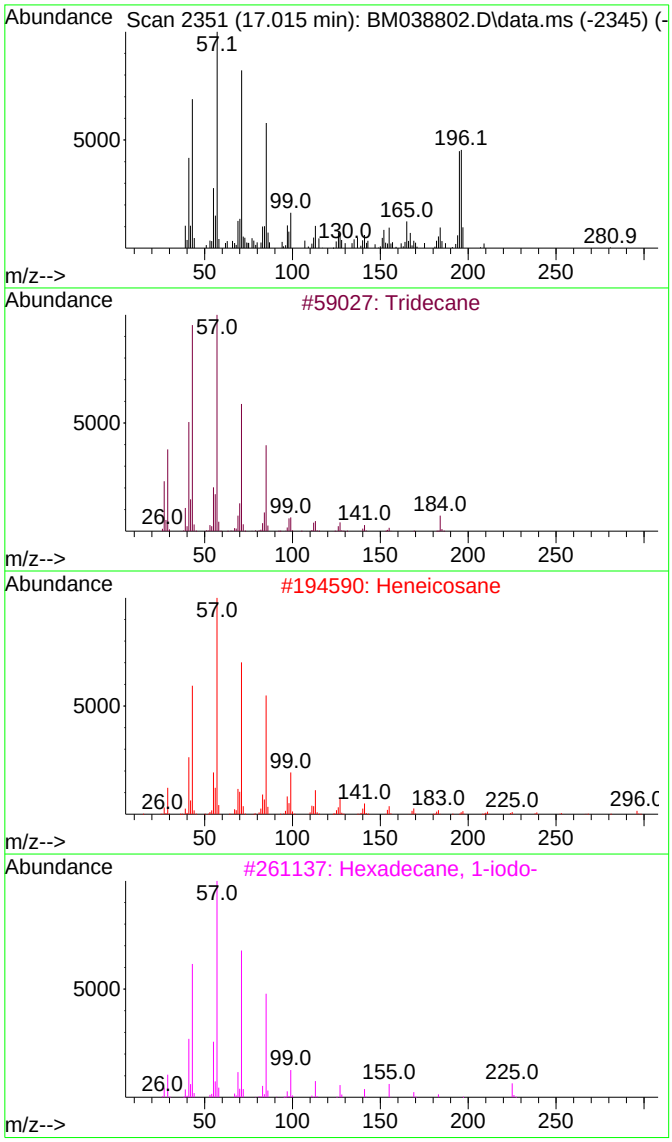
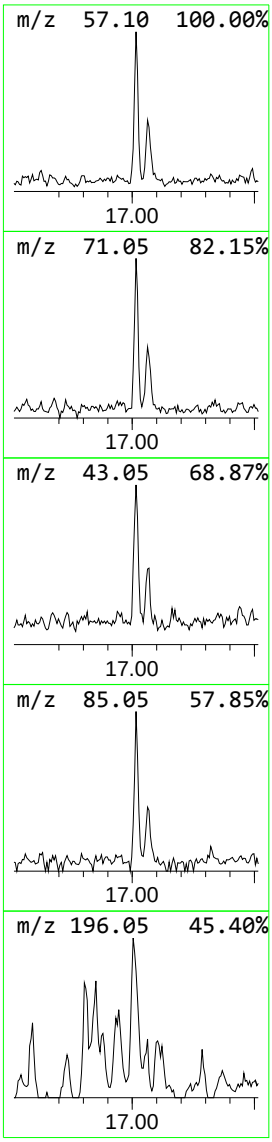
Peak Number 7 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	3.11 ng	87730	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heneicosane	296	C21H44	000629-94-7	50
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	46
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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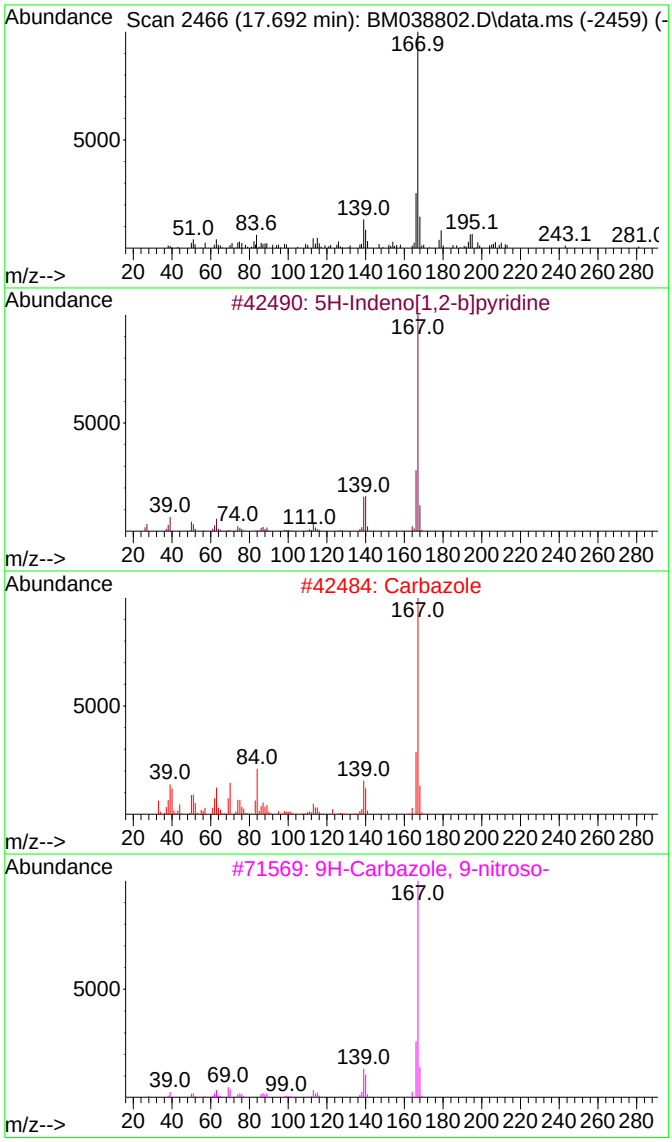
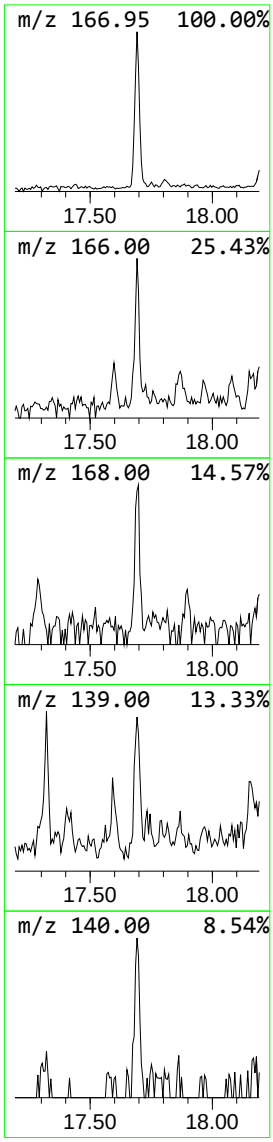
Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	3.14 ng	88665	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	80
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	72
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	68





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TIC Library : C:\Database\NIST20.L
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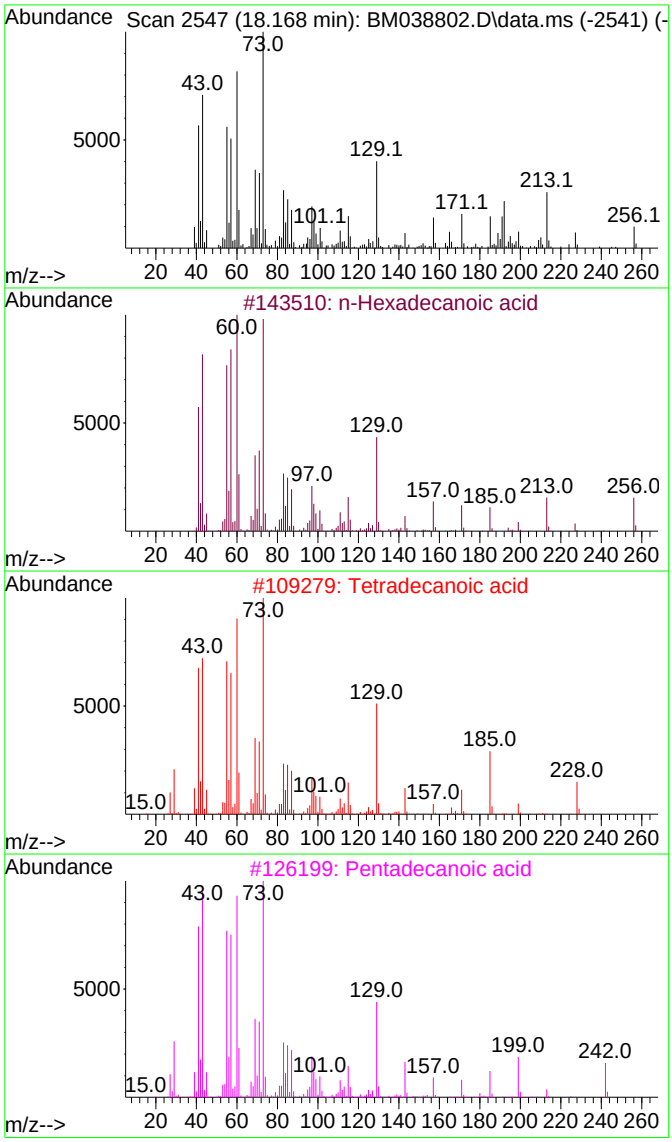
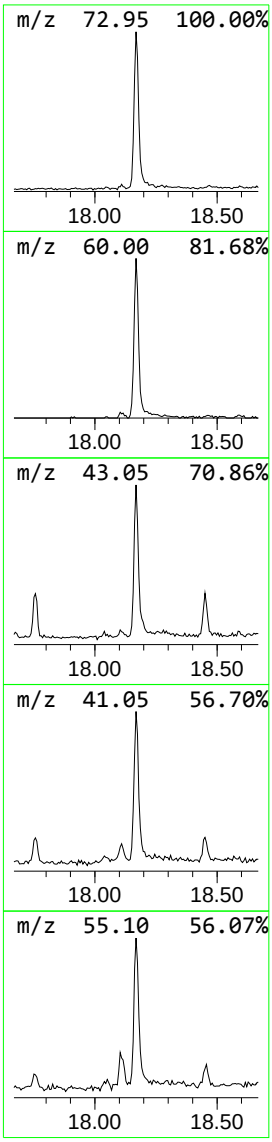
Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	16.04 ng	452563	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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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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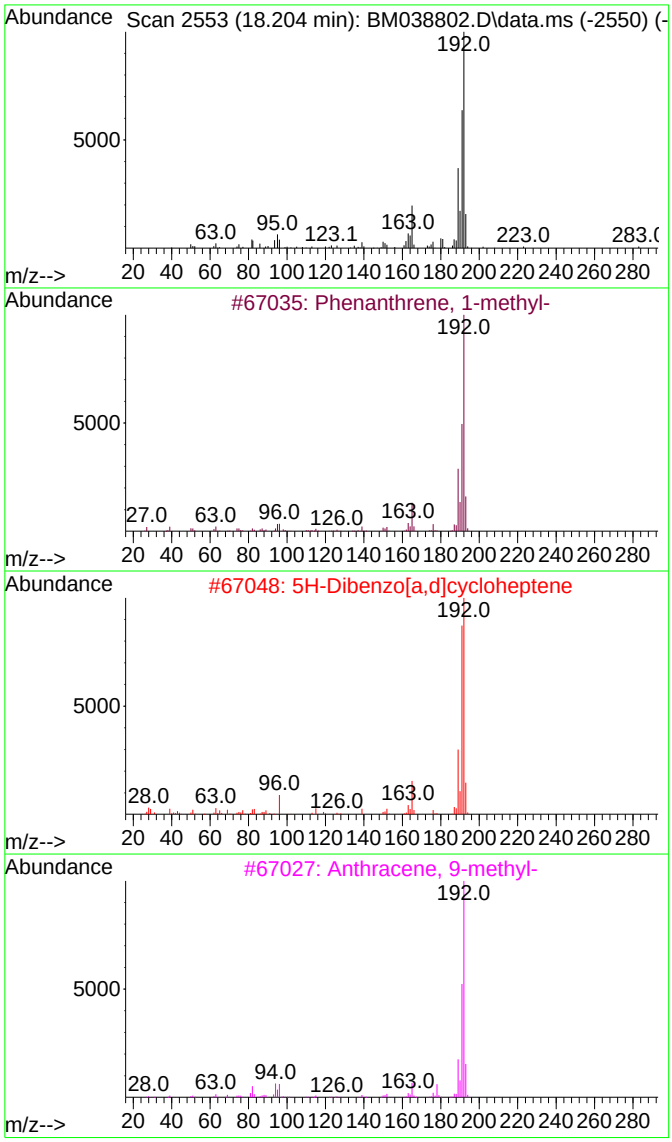
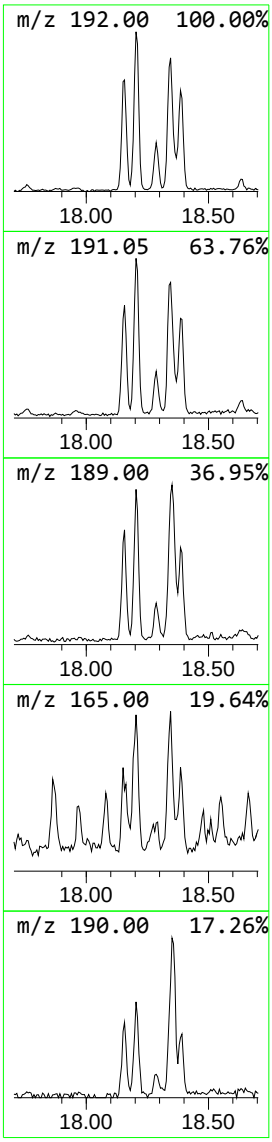
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	6.22 ng	175343	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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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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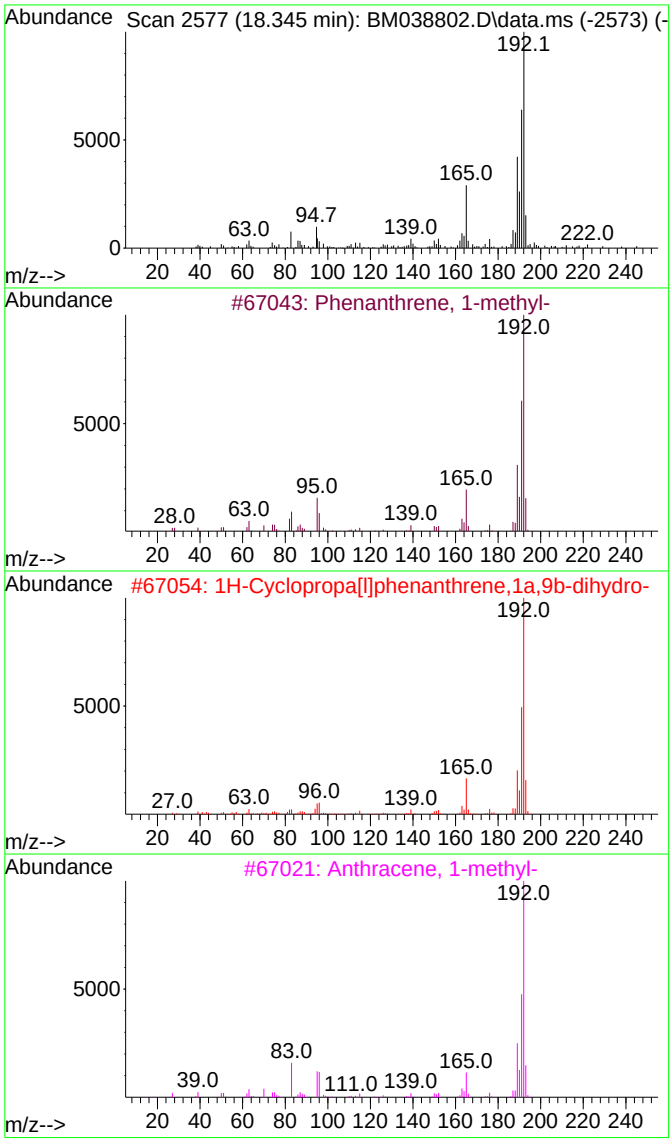
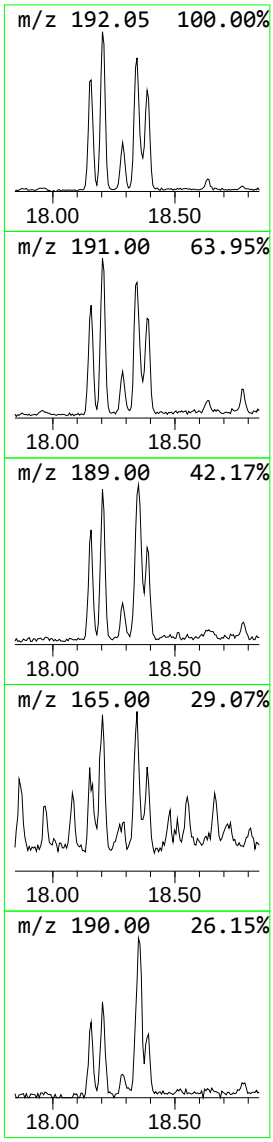
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	5.88 ng	165976	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70





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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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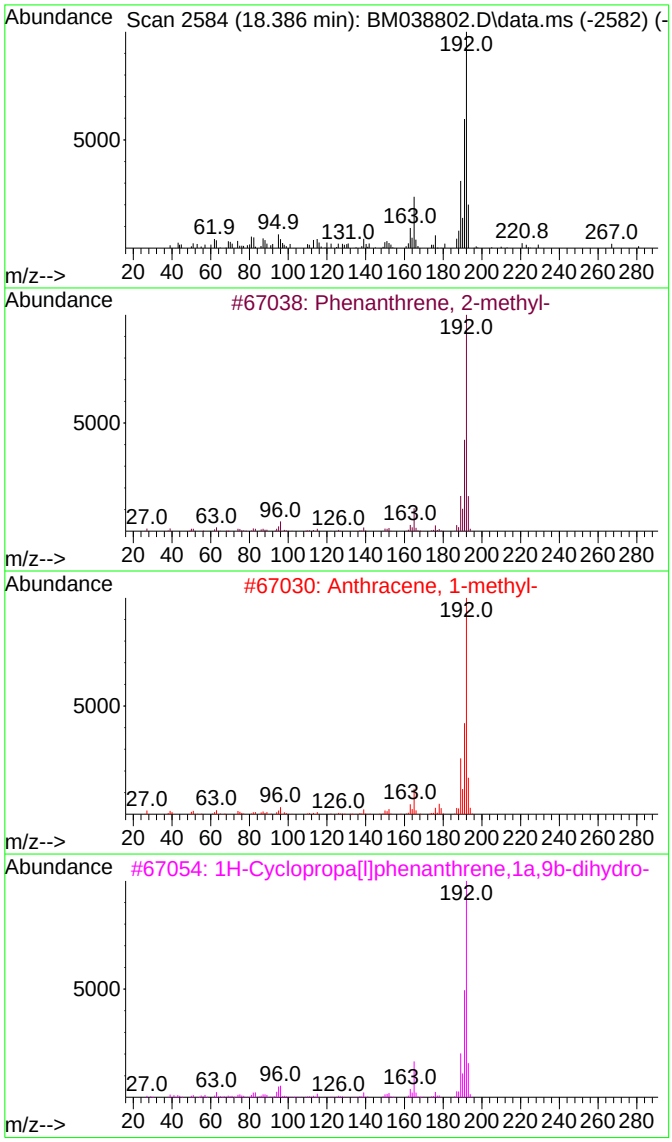
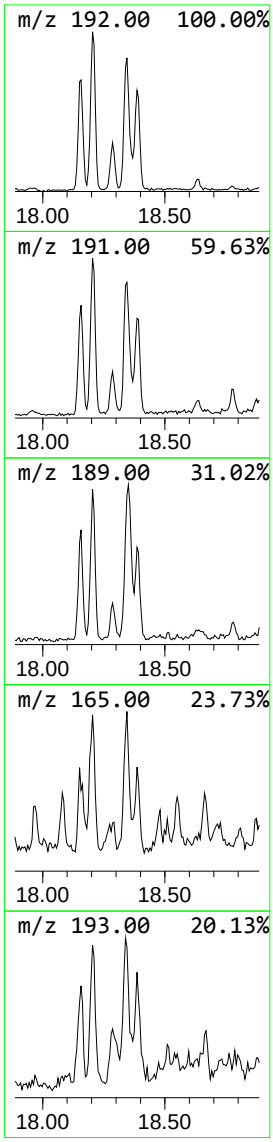
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	3.01 ng	84956	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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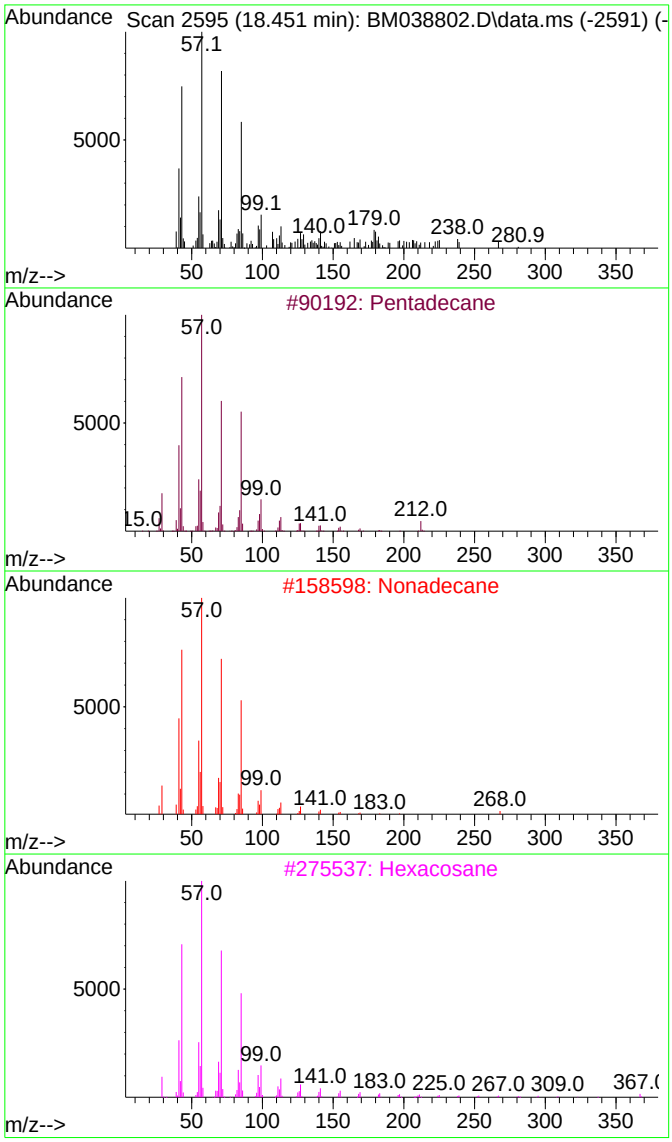
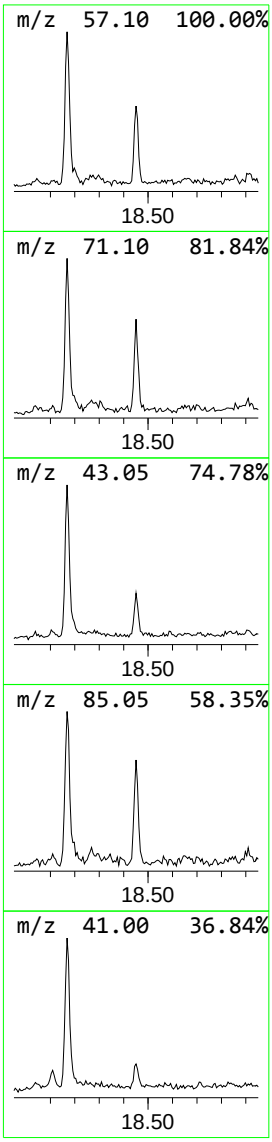
Peak Number 13 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.37 ng	95046	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





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TIC Library : C:\Database\NIST20.L
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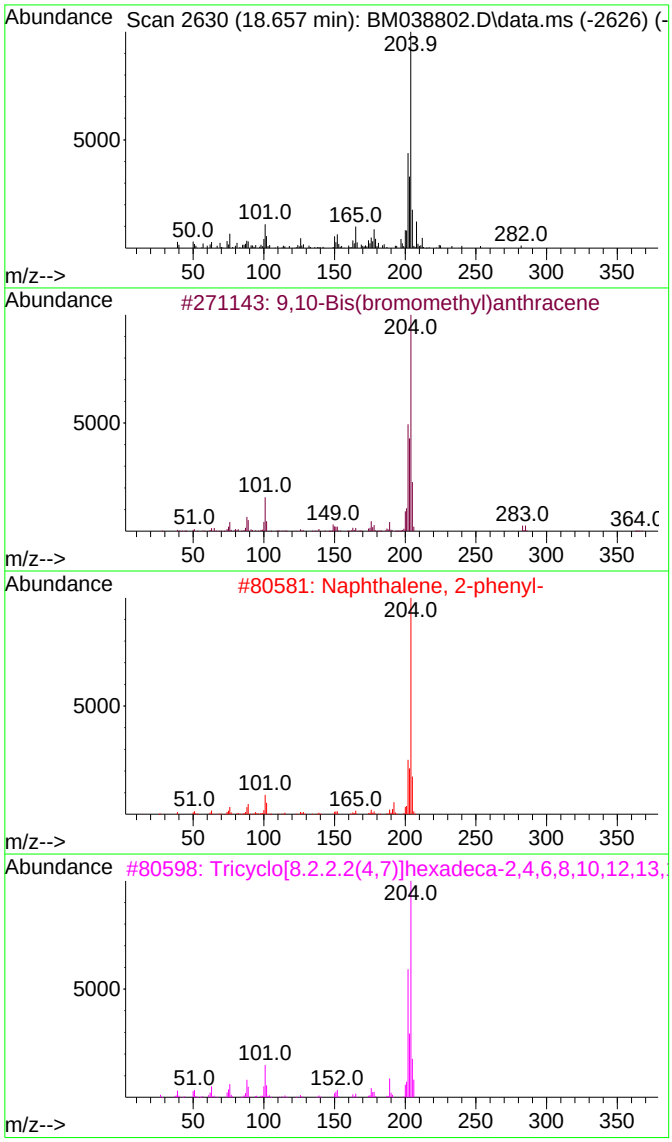
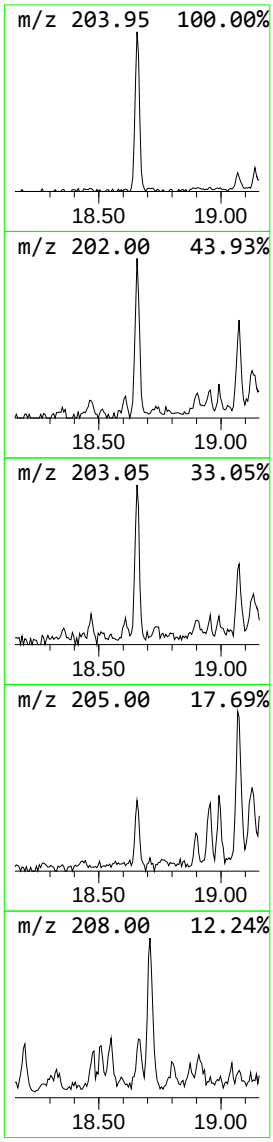
Peak Number 14 9,10-Bis(bromomethyl)anthra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	3.02 ng	85132	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	59
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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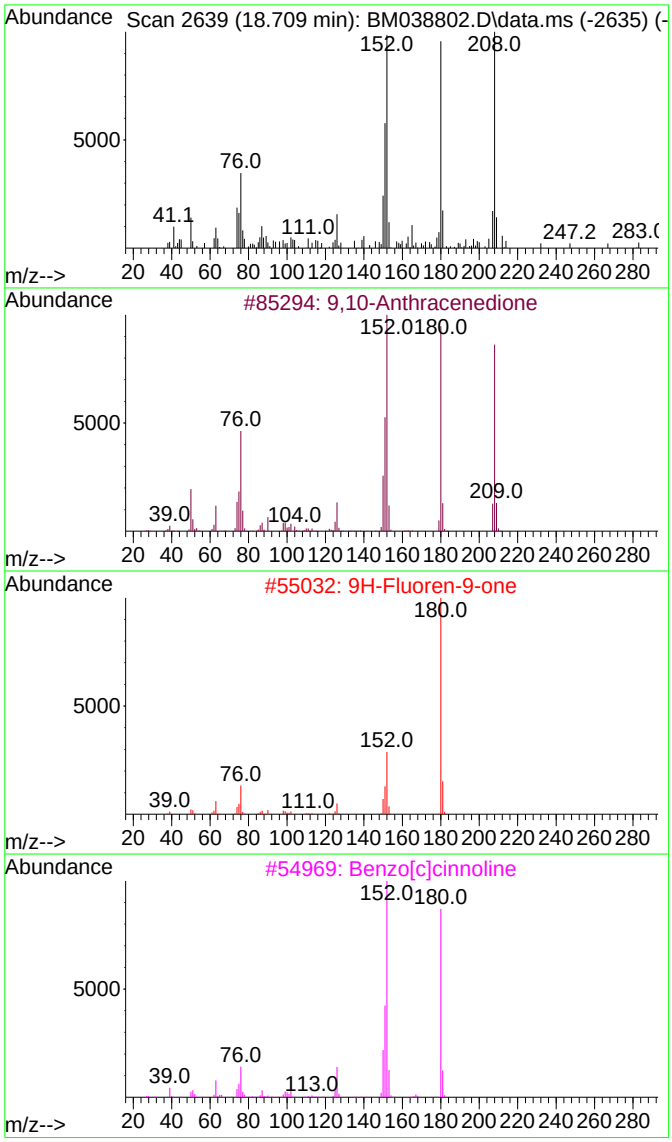
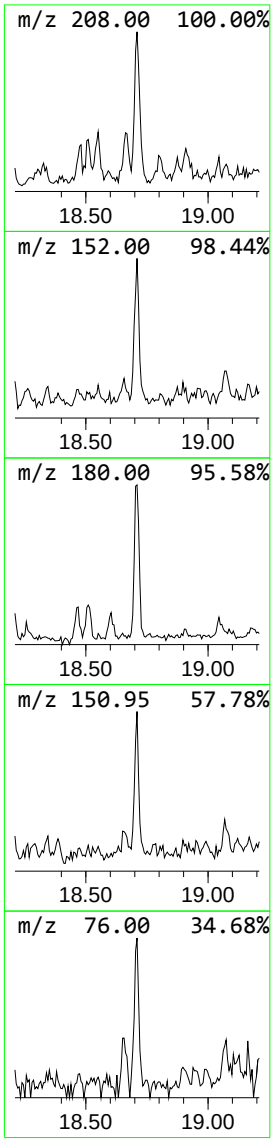
Peak Number 15 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	3.18 ng	89773	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53





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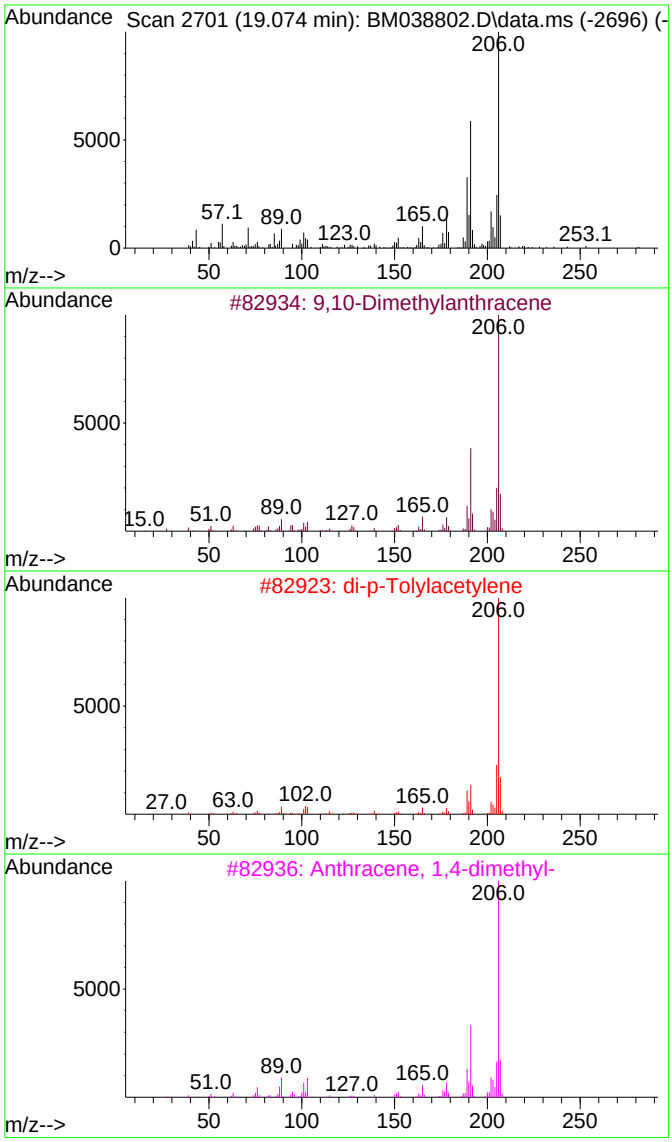
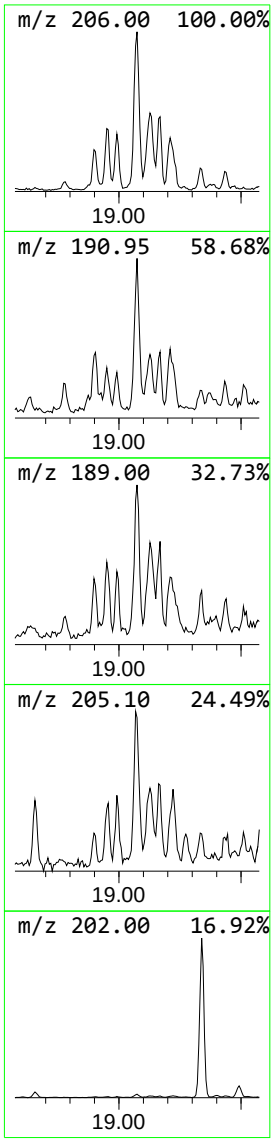
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.074	7.91 ng	223256	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90





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TIC Library : C:\Database\NIST20.L
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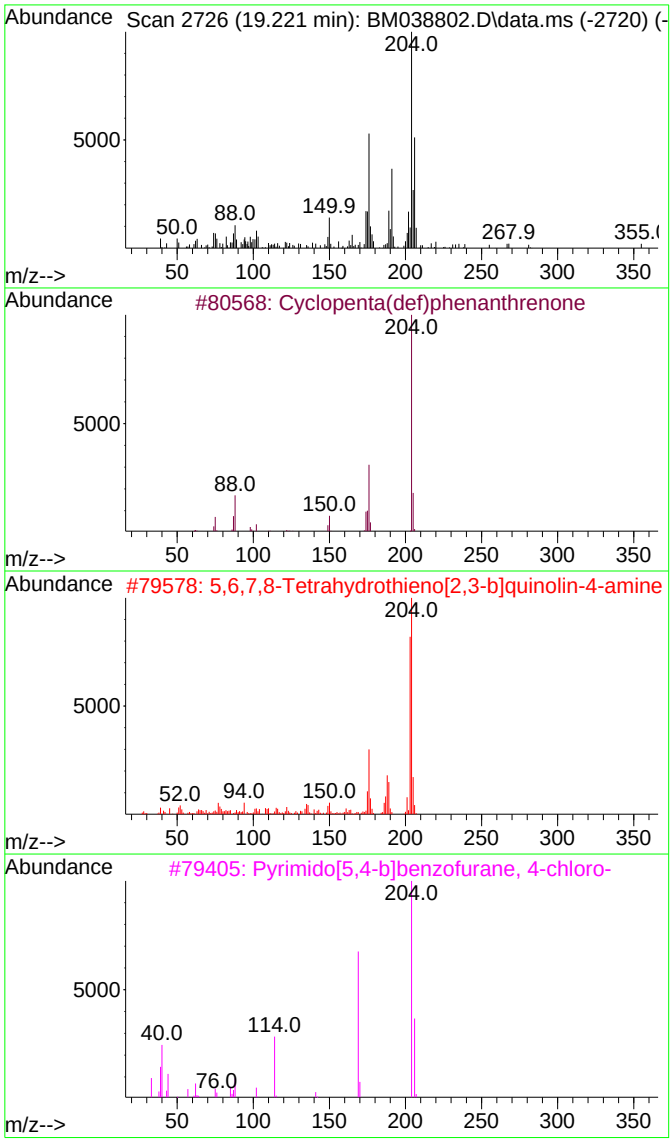
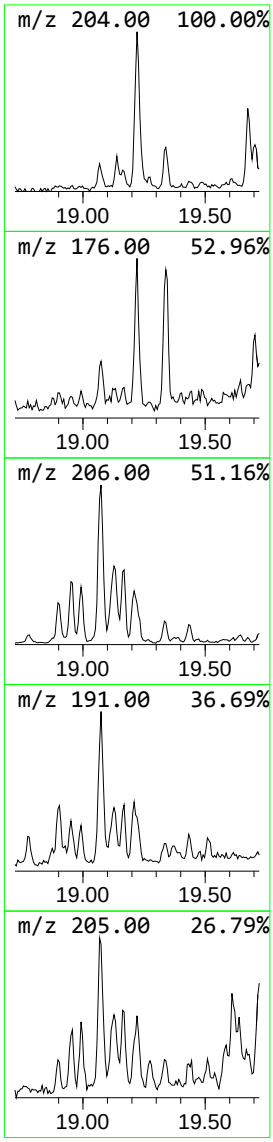
****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.221	4.16 ng	117238	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	46
3	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38





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Data File : BM038802.D
Acq On : 21 Feb 2023 00:33
Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13-SB03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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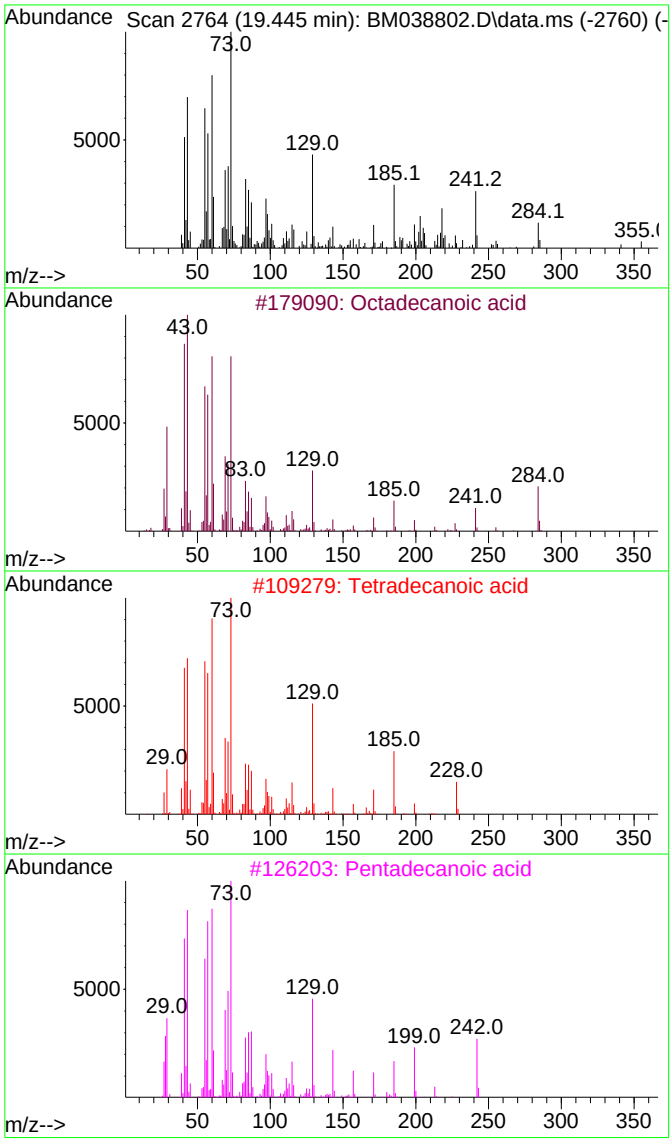
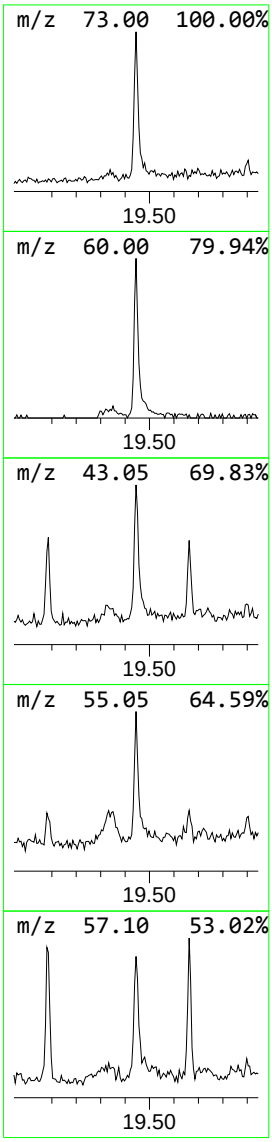
Peak Number 18 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.72 ng	157489	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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Data File : BM038802.D
Acq On : 21 Feb 2023 00:33
Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13-SB03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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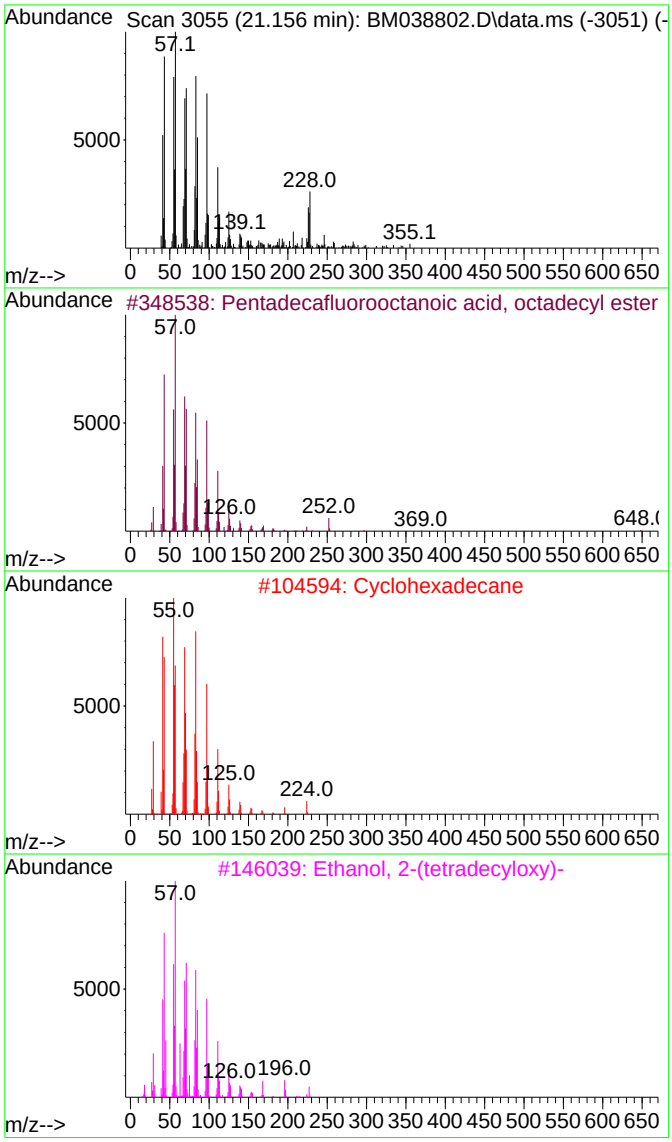
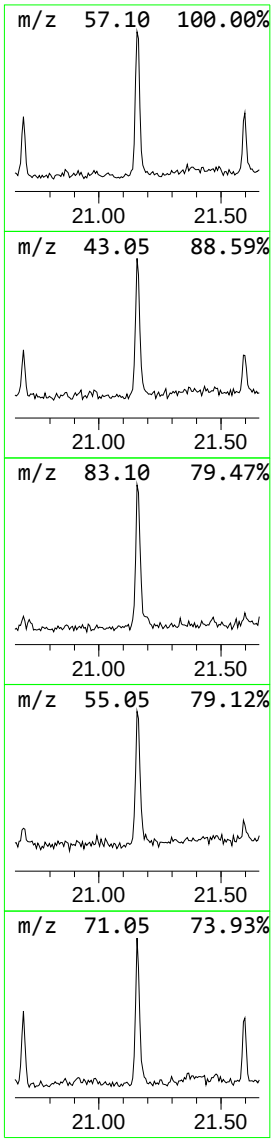
Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	4.75 ng	274894	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	78
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038802.D
Acq On : 21 Feb 2023 00:33
Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13-SB03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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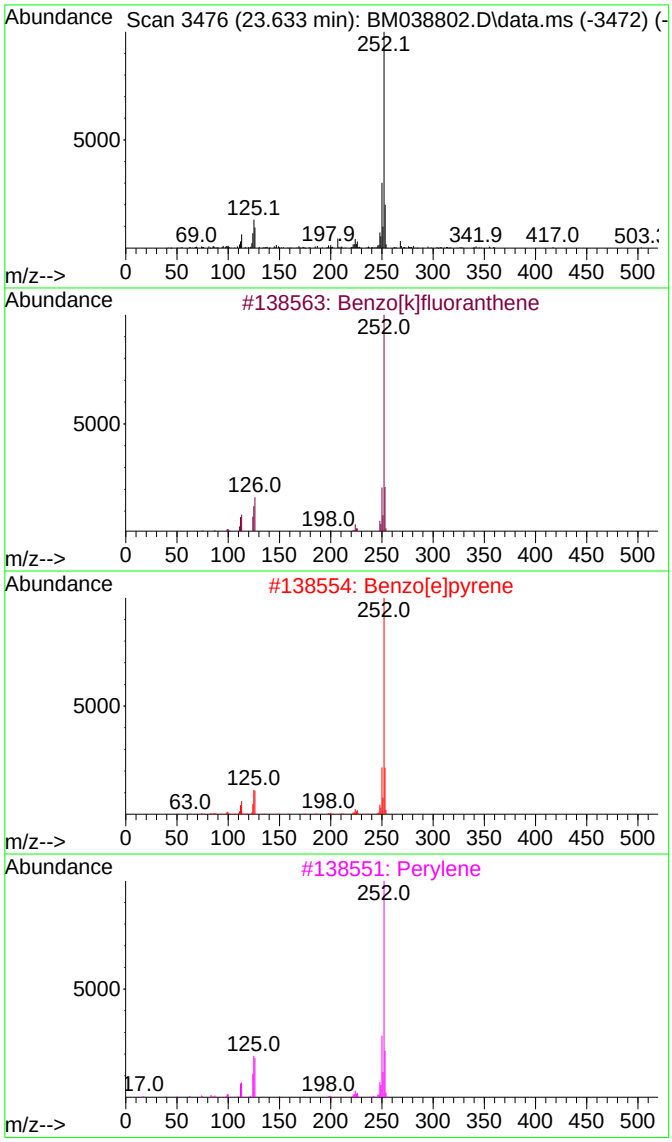
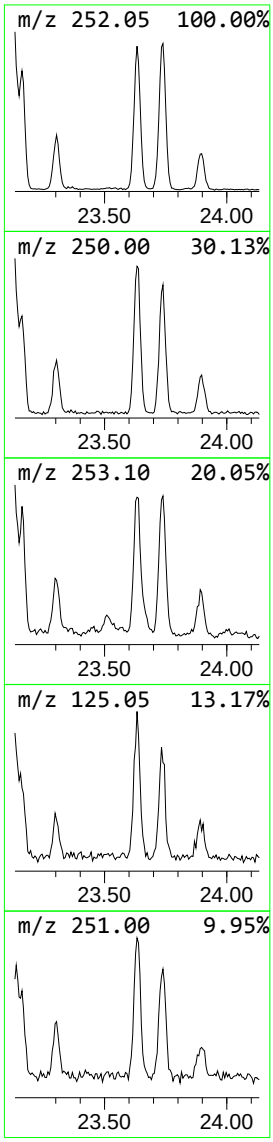
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.633	9.96 ng	311526	Perylene-d12	23.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038802.D
Acq On : 21 Feb 2023 00:33
Operator : CG/JU
Sample : 01593-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13-SB03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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
2-Pentanone, 4-...	4.957	23.3	ng	319653	1	7.875	274634	20.0
Naphthalene, 2,...	13.845	3.8	ng	103089	3	14.527	541489	20.0
1-Methyl-1-(p-c...	14.927	3.8	ng	102331	3	14.527	541489	20.0
Naphthalene, 1,...	15.304	2.8	ng	75399	3	14.527	541489	20.0
Benzophenone	15.892	5.0	ng	136176	3	14.527	541489	20.0
2,6,10-Trimethy...	16.245	7.0	ng	198996	4	17.280	564147	20.0
Tridecane	17.015	3.1	ng	87730	4	17.280	564147	20.0
5H-Indeno[1,2-b...	17.692	3.1	ng	88665	4	17.280	564147	20.0
n-Hexadecanoic ...	18.168	16.0	ng	452563	4	17.280	564147	20.0
Phenanthrene, 1...	18.204	6.2	ng	175343	4	17.280	564147	20.0
1H-Cyclopropa[l...	18.345	5.9	ng	165976	4	17.280	564147	20.0
Phenanthrene, 2...	18.386	3.0	ng	84956	4	17.280	564147	20.0
Pentadecane	18.451	3.4	ng	95046	4	17.280	564147	20.0
9,10-Bis(bromom...	18.657	3.0	ng	85132	4	17.280	564147	20.0
9,10-Anthracene...	18.709	3.2	ng	89773	4	17.280	564147	20.0
9,10-Dimethylan...	19.074	7.9	ng	223256	4	17.280	564147	20.0
Cyclopenta(def)...	19.221	4.2	ng	117238	4	17.280	564147	20.0
Octadecanoic acid	19.445	2.7	ng	157489	5	21.462	1156510	20.0
Pentadecafluoro...	21.156	4.8	ng	274894	5	21.462	1156510	20.0
Benzo[e]pyrene	23.633	10.0	ng	311526	6	23.844	625502	20.0