LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.104	151	156	161	rBV	33712	46079	1.08%	0.105%
2	5.075	317	321	328	rVB	50593	69851	1.63%	0.159%
3	5.522	390	397	405	rBV	981086	1401622	32.76%	3.195%
4	6.022	477	482	494	rBV	176116	307306	7.18%	0.700%
5	7.145	665	673	682	rBV	960870	1497867	35.01%	3.414%
6	7.587	743	748	755	rBV2	24820	61309	1.43%	0.140%
7	7.992	810	817	828	rVB	534084	852987	19.93%	1.944%
8	8.534	902	909	914	rBV2	23217	45091	1.05%	0.103%
9	9.192	1007	1021	1028	rBV	561203	967948	22.62%	2.206%
10	10.198	1185	1192	1205	rBV10	18006	53613	1.25%	0.122%
11	10.816	1290	1297	1302	rBV	730936	1206485	28.20%	2.750%
12	10.869	1302	1306	1317	rVB	180927	296423	6.93%	0.676%
13	12.469	1572	1578	1586	rBV	103089	159251	3.72%	0.363%
14	12.686	1608	1615	1622	rVB	92537	148706	3.48%	0.339%
15	13.263	1706	1713	1719	rBV	1276942	1845419	43.13%	4.206%
16	13.392	1731	1735	1742	rVB	35082	51612	1.21%	0.118%
17	13.480	1744	1750	1756	rVB2	47067	77991	1.82%	0.178%
18	13.810	1796	1806	1812	rBV5	44822	116684	2.73%	0.266%
19	13.957	1823	1831	1835	rBV2	74024	138066	3.23%	0.315%
20	14.010	1835	1840	1843	rBV	44852	64432	1.51%	0.147%
21	14.110	1850	1857	1863	rVB3	46044	101278	2.37%	0.231%
22	14.192	1865	1871	1874	rBV	38672	62402	1.46%	0.142%
23	14.327	1885	1894	1896	rBV2	53918	89521	2.09%	0.204%
24	14.369	1896	1901	1913	rVV	142719	259174	6.06%	0.591%
25	14.469	1913	1918	1923	rVV	42853	55614	1.30%	0.127%
26	14.616	1937	1943	1953	rBV2	2186223	4278873	100.00%	9.753%
27	14.704	1954	1958	1964	rVB2	55515	87916	2.05%	0.200%
28	14.827	1974	1979	1988	rBV5	23104	62643	1.46%	0.143%
29	15.016	2005	2011	2012	rBV2	34272	47003	1.10%	0.107%
30	15.098	2019	2025	2030	rVB2	35865	56720	1.33%	0.129%
31	15.239	2043	2049	2054	rBV3	37095	69154	1.62%	0.158%
32	15.416	2068	2079	2083	rBV2	62005	114573	2.68%	0.261%
33	15.686	2118	2125	2137	rVB	180989	308041	7.20%	0.702%
34	15.810	2137	2146	2155	rBV9	35268	111431	2.60%	0.254%
35	15.968	2169	2173	2180	rVB2	31031	47837	1.12%	0.109%
36	16.133	2192	2201	2211	rVB	943449	1450272	33.89%	3.306%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.280	2221	2226	2232	rBV	91049	155753	3.64%	0.355%
38	16.680	2286	2294	2299	rBV	63300	142479	3.33%	0.325%
39	16.733	2299	2303	2309	rBV2	54097	87003	2.03%	0.198%
40	16.833	2316	2320	2325	rBV	30946	48000	1.12%	0.109%
41	17.074	2358	2361	2364	rVV	82558	86916	2.03%	0.198%
42	17.115	2364	2368	2372	rVB3	43877	67083	1.57%	0.153%
43	17.210	2379	2384	2392	rVB	153187	230019	5.38%	0.524%
44	17.392	2409	2415	2419	rBV	1317445	1860227	43.47%	4.240%
45	17.433	2419	2422	2430	rVB	1382020	1924376	44.97%	4.386%
46	17.527	2431	2438	2444	rBV	511709	755336	17.65%	1.722%
47	17.815	2483	2487	2491	rVB	154374	192266	4.49%	0.438%
48	17.868	2493	2496	2500	rVV	172081	210923	4.93%	0.481%
49	17.904	2500	2502	2509	rVB2	42957	59897	1.40%	0.137%
50	17.968	2509	2513	2517	rBV	104279	144355	3.37%	0.329%
51	18.115	2532	2538	2544	rBV	72729	144152	3.37%	0.329%
52	18.239	2554	2559	2561	rBV	470035	619293	14.47%	1.412%
53	18.309	2568	2571	2578	rVB	270535	382036	8.93%	0.871%
54	18.392	2581	2585	2589	rBV	113124	146818	3.43%	0.335%
55	18.462	2591	2597	2600	rVV3	354056	629220	14.71%	1.434%
56	18.498	2600	2603	2609	rVB2	170210	296201	6.92%	0.675%
57	18.762	2644	2648	2653	rBV	154662	213152	4.98%	0.486%
58	19.051	2694	2697	2700	rVB	64286	77810	1.82%	0.177%
59	19.092	2701	2704	2707	rBV3	65532	86318	2.02%	0.197%
60	19.133	2707	2711	2715	rBV3	267438	451212	10.55%	1.028%
61	19.168	2715	2717	2719	rVV	115958	146837	3.43%	0.335%
62	19.198	2719	2722	2727	rVB	405862	458876	10.72%	1.046%
63	19.374	2749	2752	2753	rBV	76253	77931	1.82%	0.178%
64	19.398	2754	2756	2759	rVV3	159117	226352	5.29%	0.516%
65	19.445	2759	2764	2770	rVV	1714075	2394239	55.95%	5.457%
66	19.515	2772	2776	2786	rVV3	371734	639041	14.93%	1.457%
67	19.598	2787	2790	2794	rVB	175324	214471	5.01%	0.489%
68	19.774	2816	2820	2822	rBV2	183483	269593	6.30%	0.615%
69	19.815	2822	2827	2833	rVB	1701333	2247518	52.53%	5.123%
70	20.003	2854	2859	2866	rVB	2112366	2529515	59.12%	5.766%
71	20.262	2899	2903	2906	rBV3	175025	285721	6.68%	0.651%
72	20.298	2906	2909	2914	rVB	328651	450896	10.54%	1.028%
73	20.398	2923	2926	2930	rBV	291400	372484	8.71%	0.849%
74	20.480	2937	2940	2950	rVB	490997	735628	17.19%	1.677%
75	20.598	2958	2960	2964	rVB	117909	127762	2.99%	0.291%
76	21.221	3063	3066	3070	rBV3	290605	484643	11.33%	1.105%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.574	3119	3126	3130	rBV2	1728821	3115816	72.82%	7.102%
78	21.615	3130	3133	3137	rVB	733857	851131	19.89%	1.940%
79	22.768	3326	3329	3334	rVB	315708	407874	9.53%	0.930%
80	23.821	3504	3508	3515	rVB	382122	659991	15.42%	1.504%
81	24.044	3540	3546	3552	rVB	801893	1552899	36.29%	3.540%

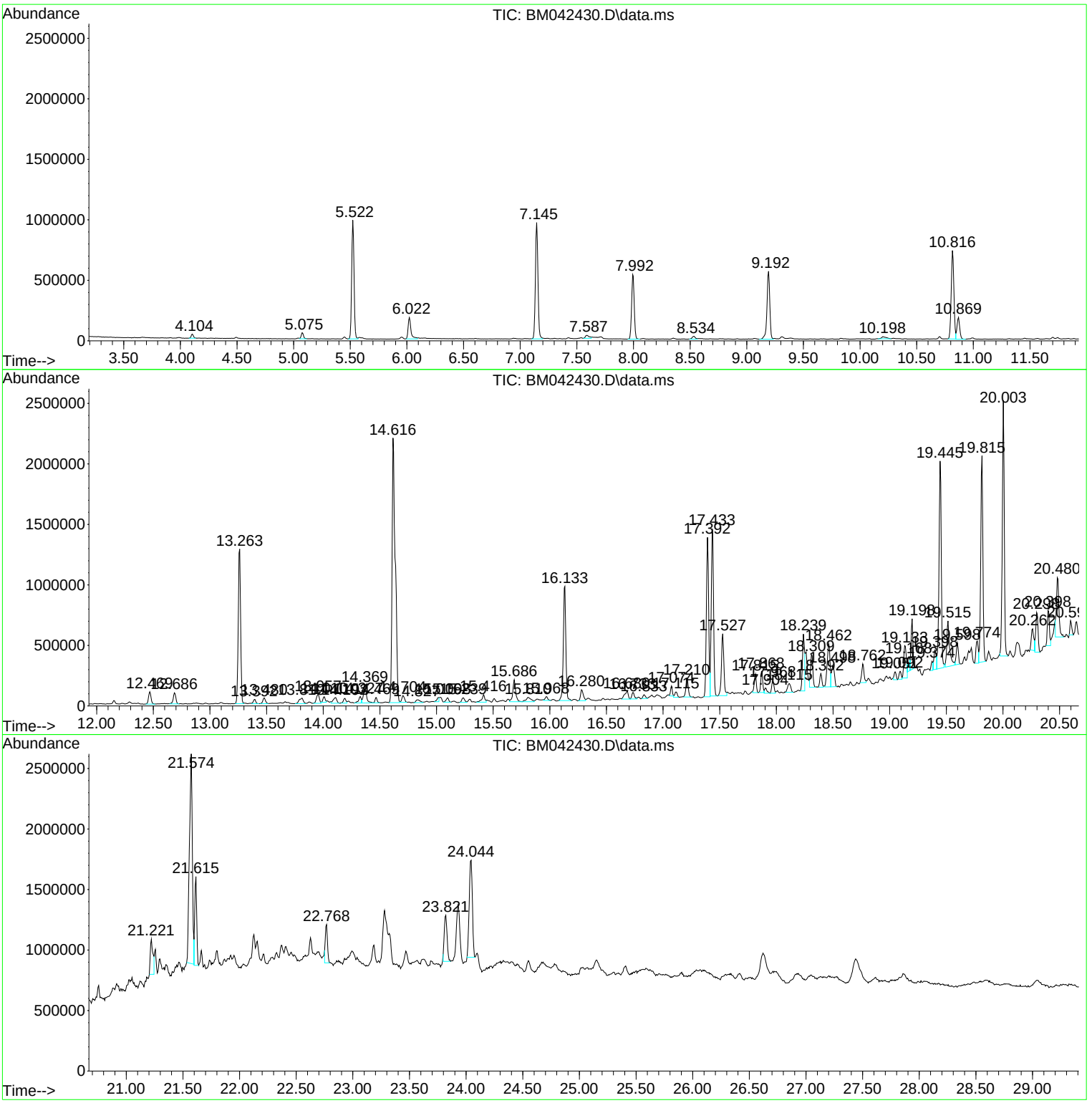
Sum of corrected areas: 43871257

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

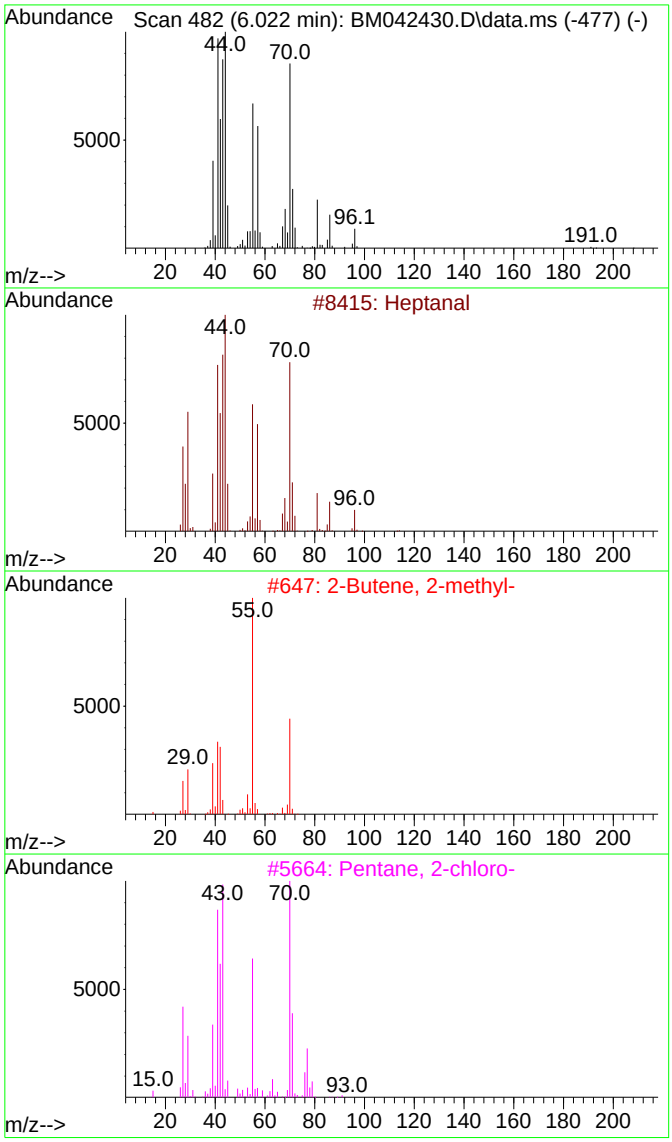
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

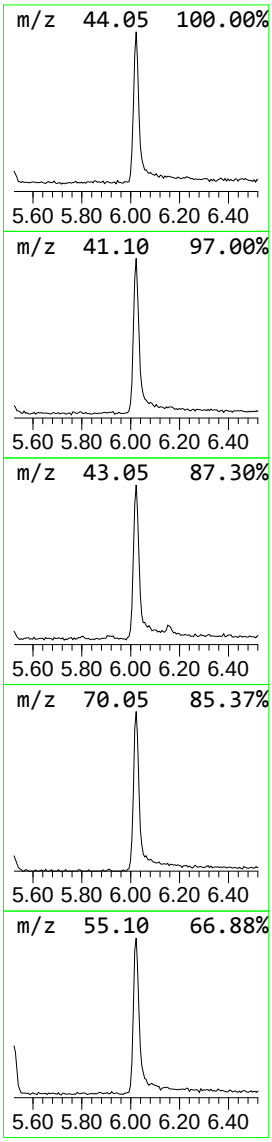
****

Peak Number 1 Heptanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.022	7.21 ng	307306	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	83
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	38
3	Pentane, 2-chloro-	106	C5H11Cl	000625-29-6	35
4	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	35
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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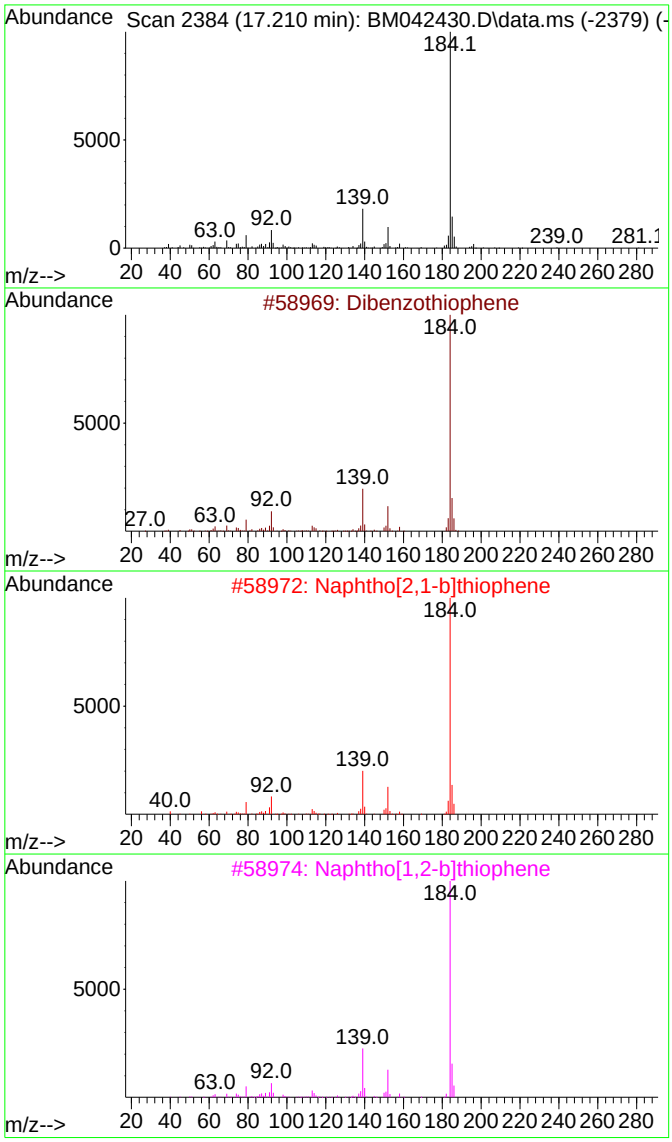
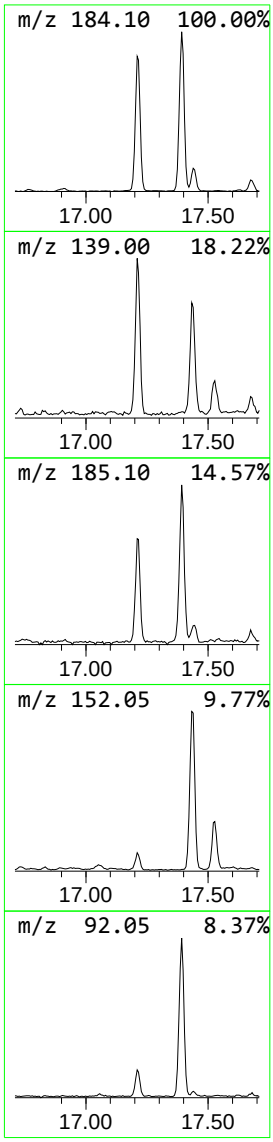
Peak Number 2 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.209	2.47 ng	230019	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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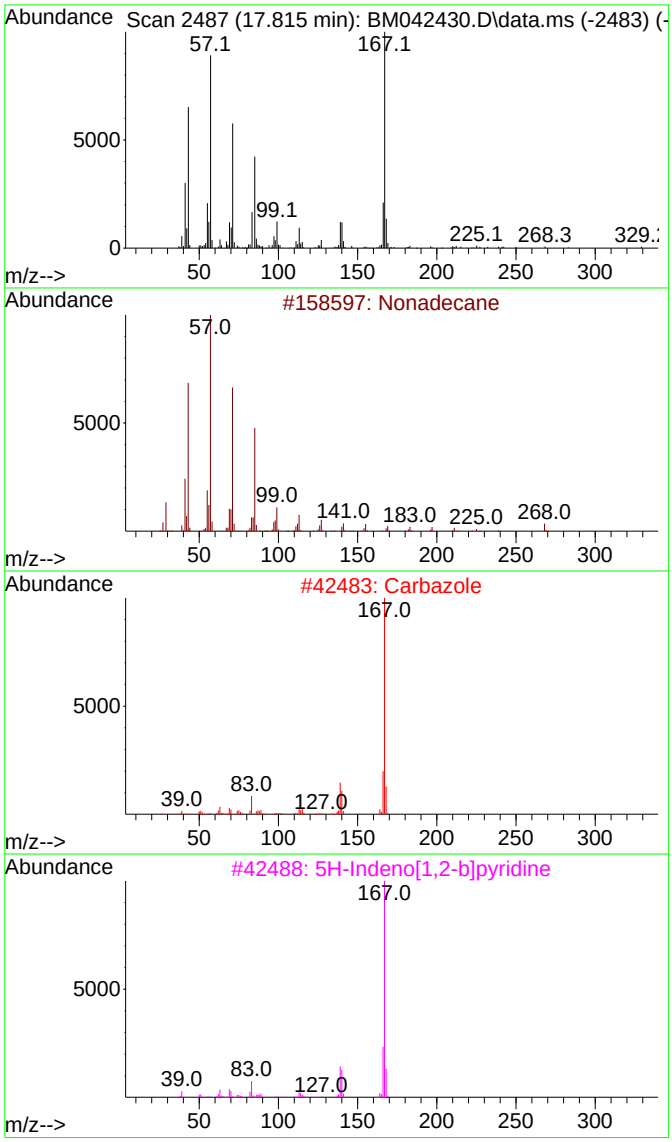
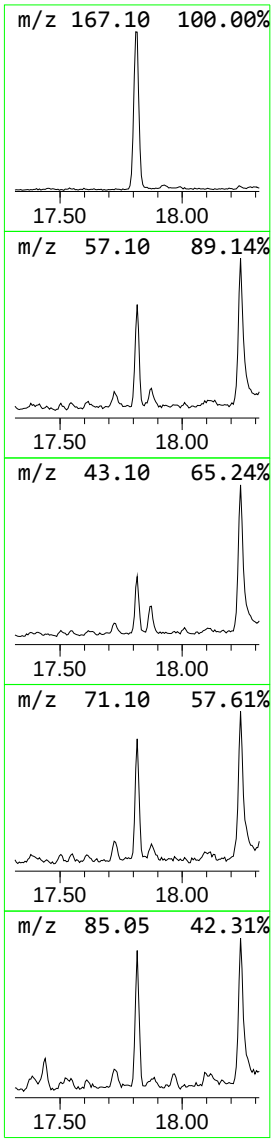
Peak Number 3 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.815	2.07 ng	192266	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	52
2	Carbazole	167	C12H9N	000086-74-8	50
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	50
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	43
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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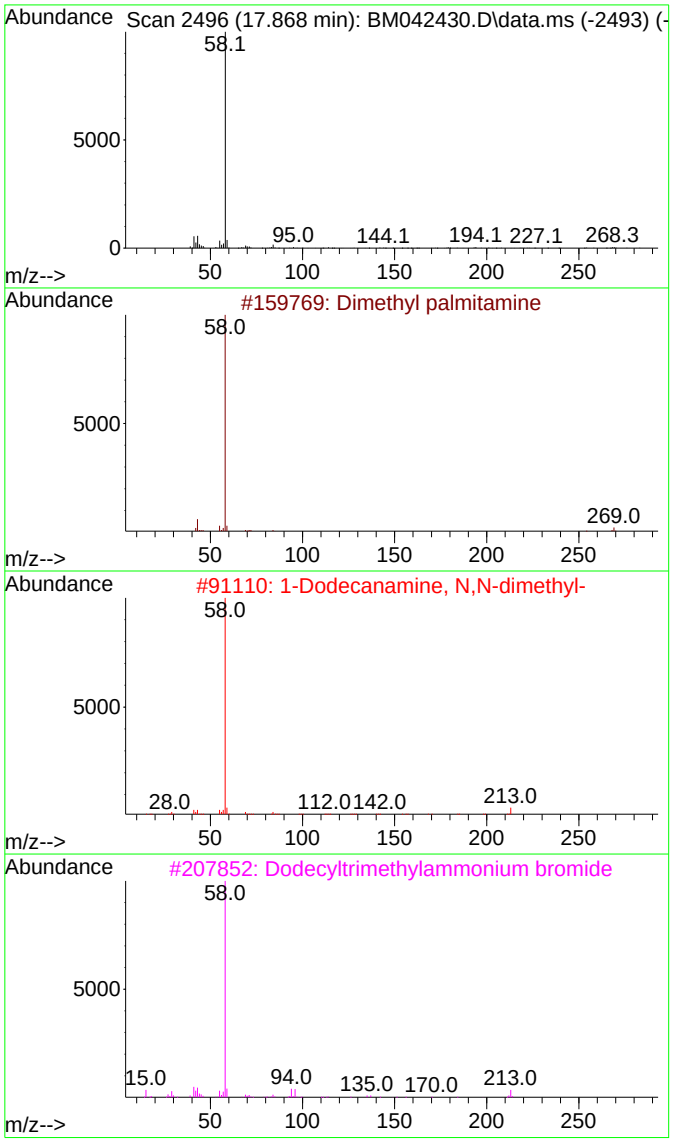
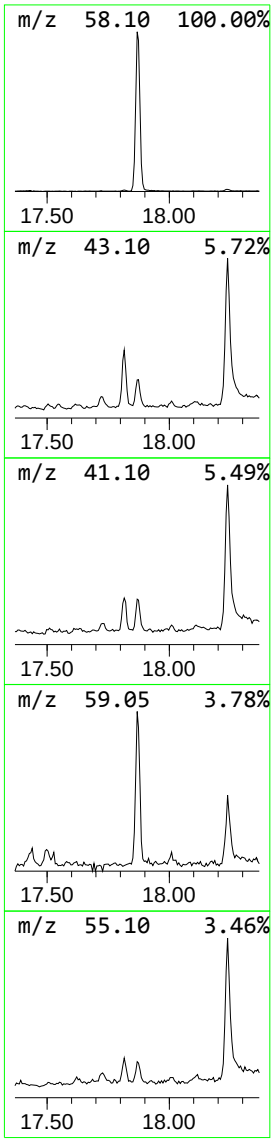
Peak Number 4 Dimethyl palmitamine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.868	2.27 ng	210923	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl palmitamine	269	C18H39N	000112-69-6	80
2	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	78
3	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	78
4	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	78
5	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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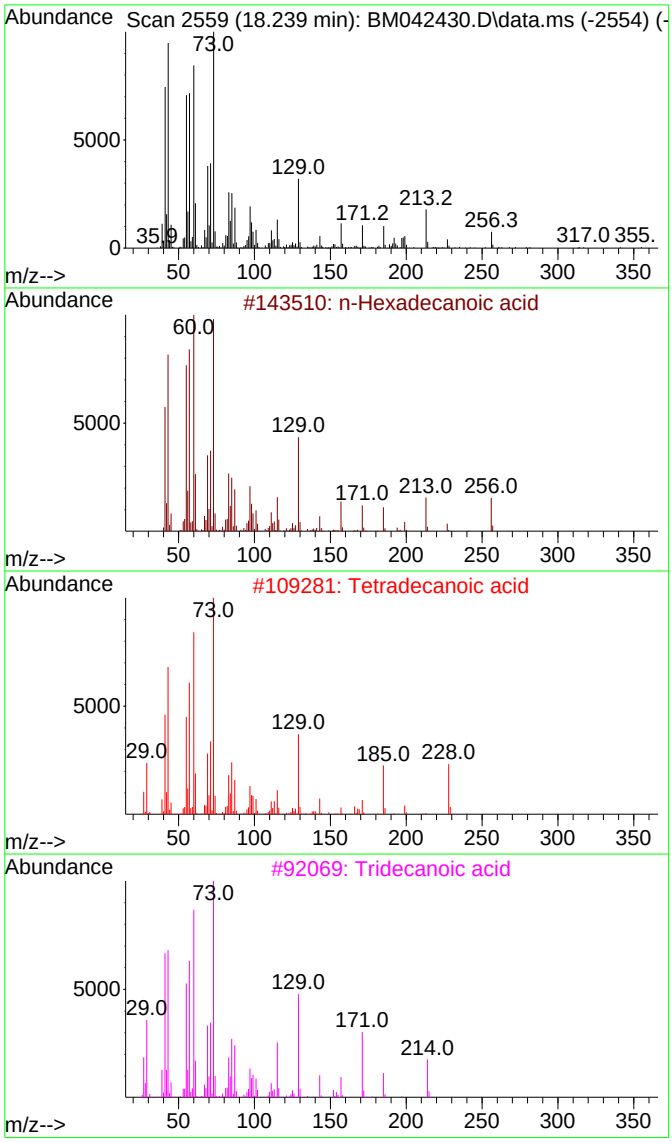
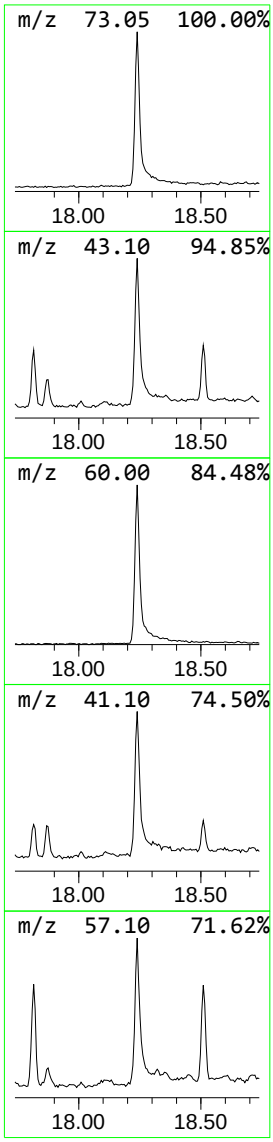
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	6.66 ng	619293	Phenanthrene-d10	17.392

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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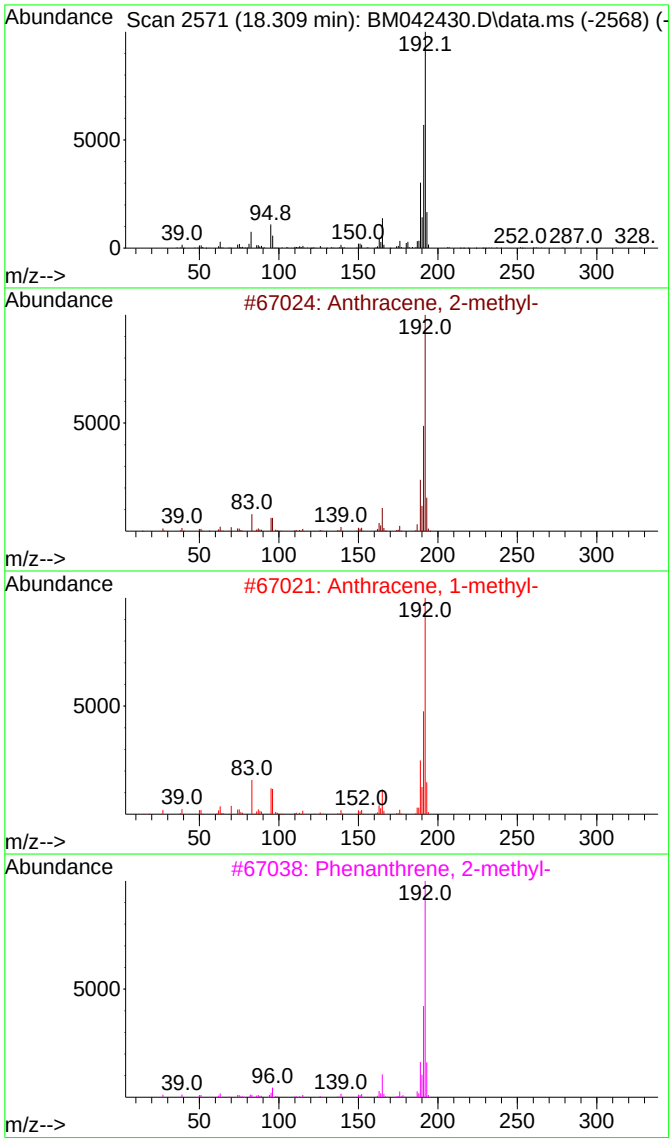
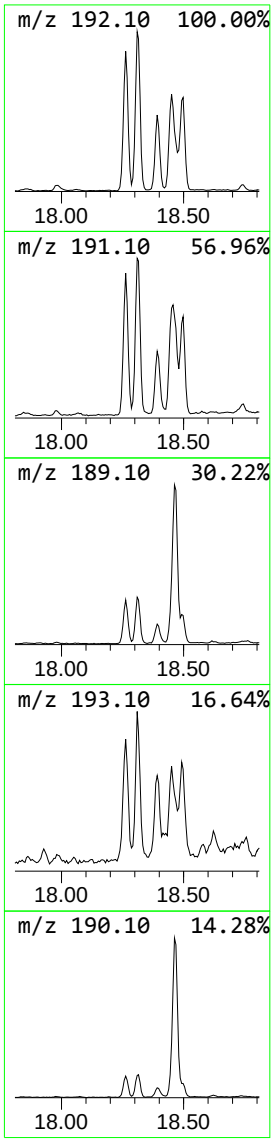
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	4.11 ng	382036	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
G-1-(5-10)

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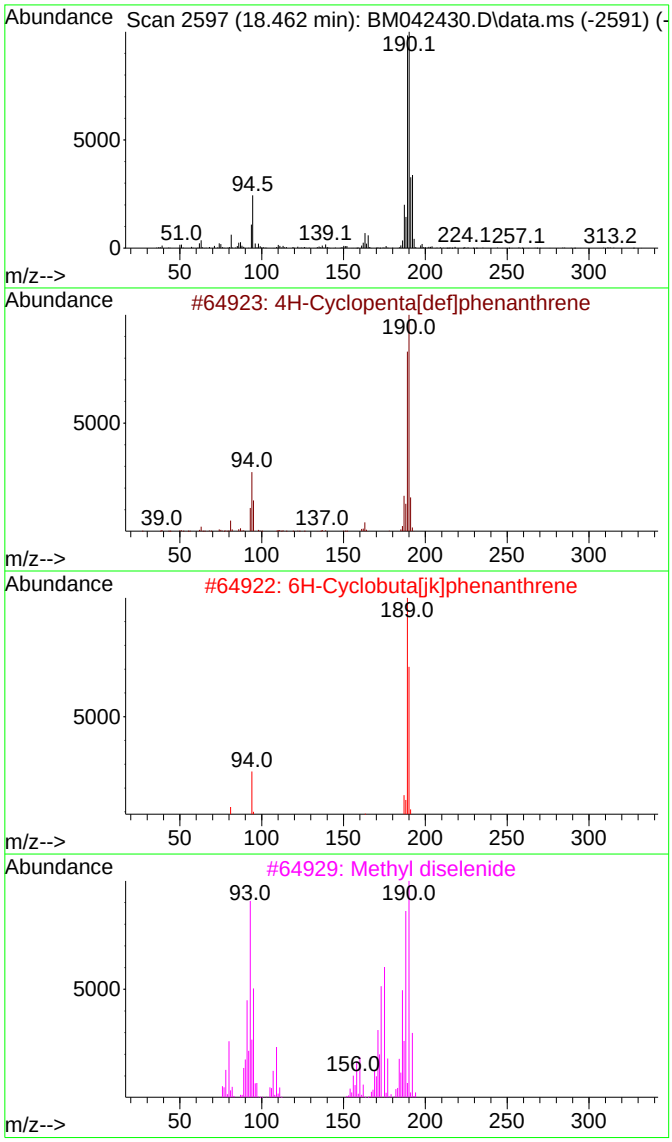
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

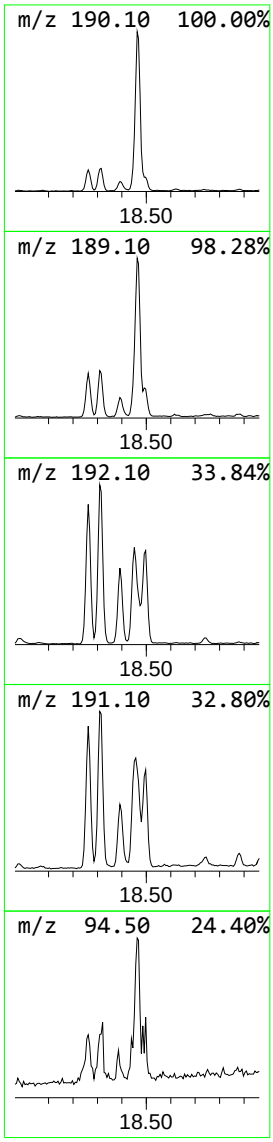
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.462	6.76 ng	629220	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
G-1-(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

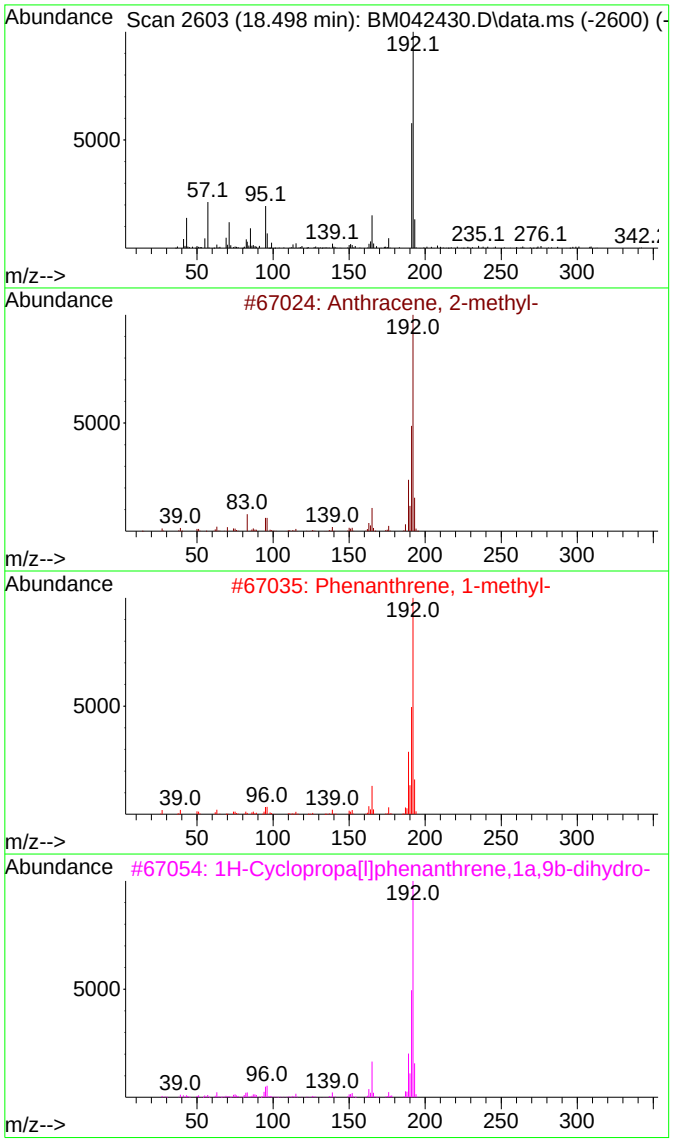
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

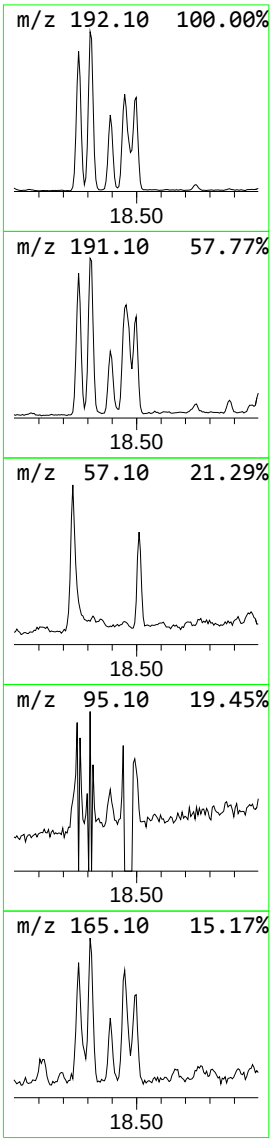
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	3.18 ng	296201	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74





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

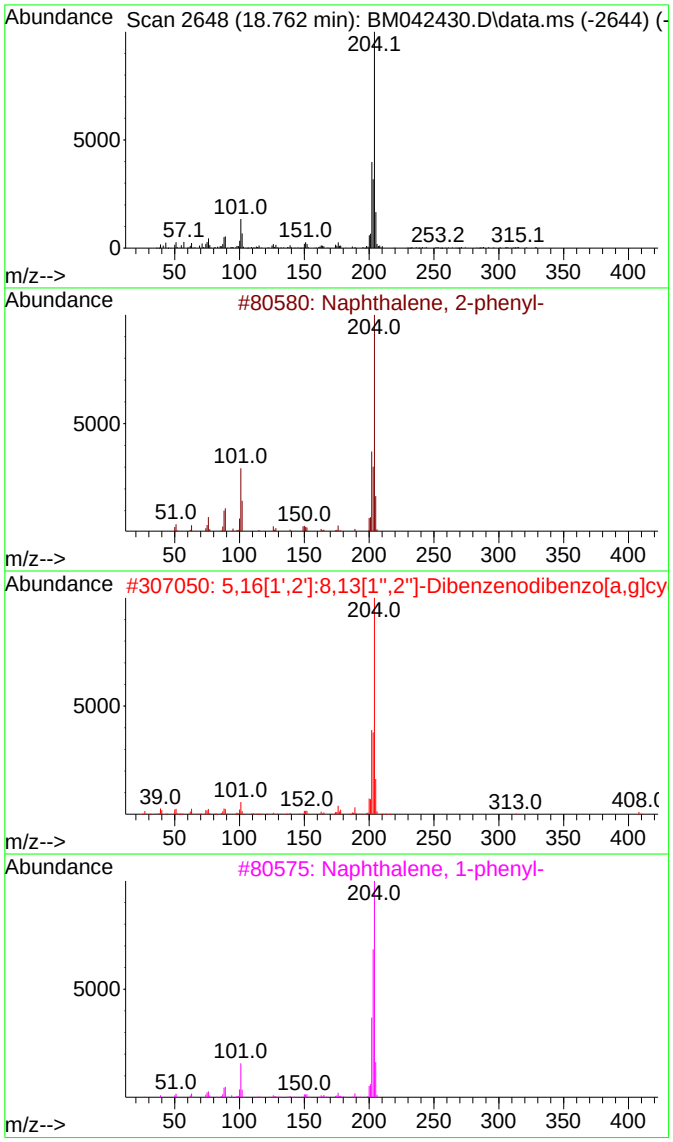
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

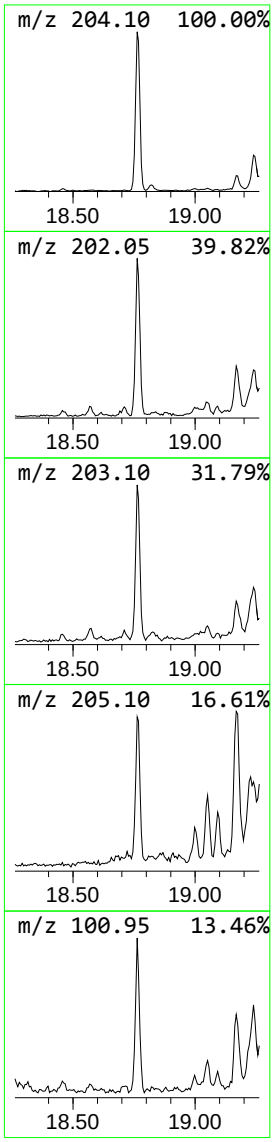
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.762	2.29 ng	213152	Phenanthrene-d10	17.392

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	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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

TIC Library : C:\Database\NIST20.L
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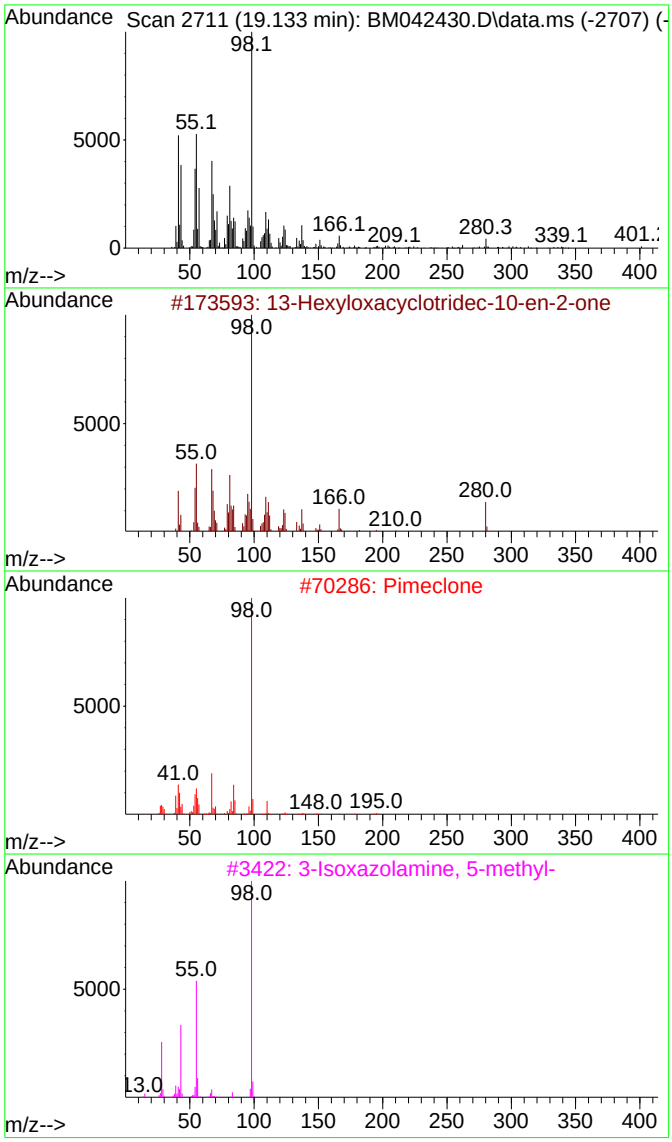
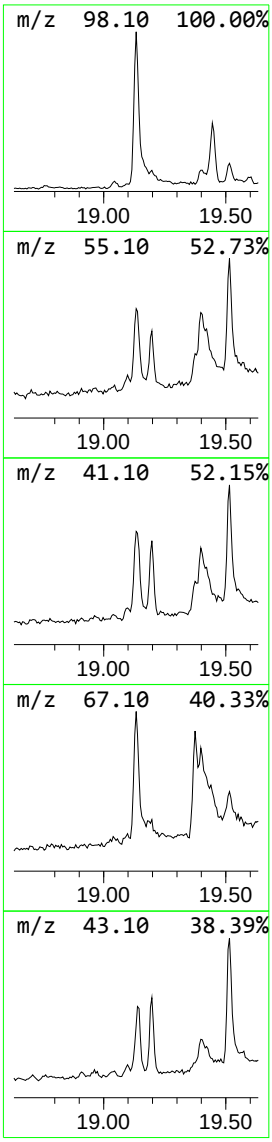
****
Peak Number 10 13-Hexyloxacyclotridec-10-e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	4.85 ng	451212	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Hexyloxacyclotridec-10-en-2-one	280	C18H32O2	127062-51-5	99
2	Pimeclone	195	C12H21NO	000534-84-9	49
3	3-Isoxazolamine, 5-methyl-	98	C4H6N2O	001072-67-9	43
4	1-Piperidinepropanoic acid, ethy...	185	C10H19NO2	019653-33-9	38
5	Biperiden	311	C21H29NO	000514-65-8	38





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

TIC Library : C:\Database\NIST20.L
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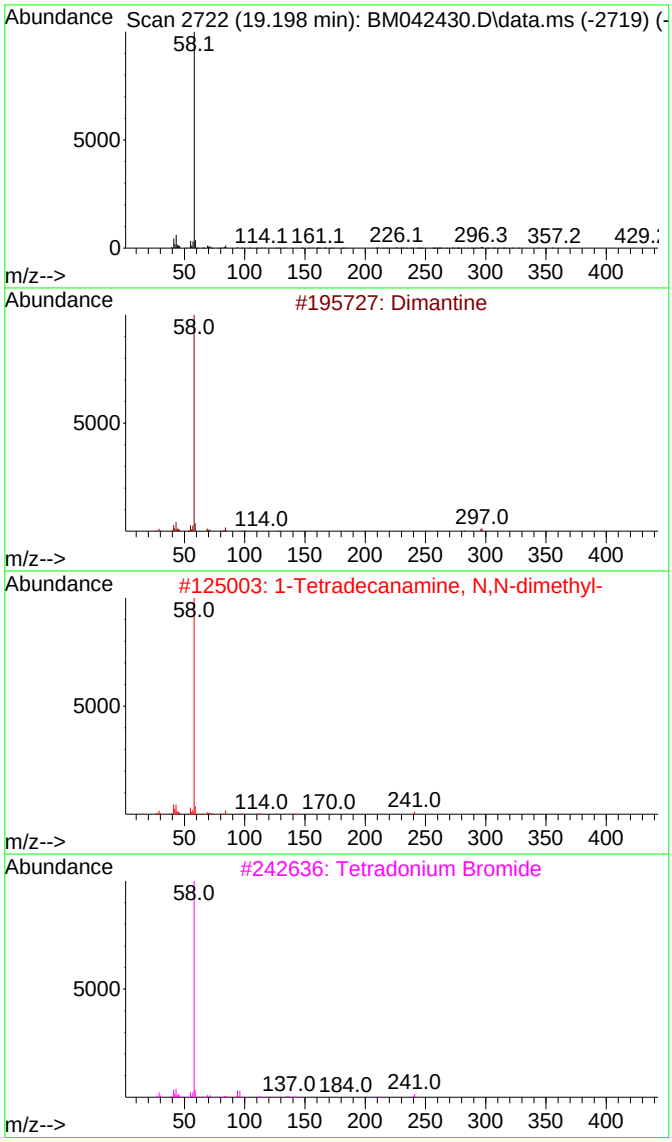
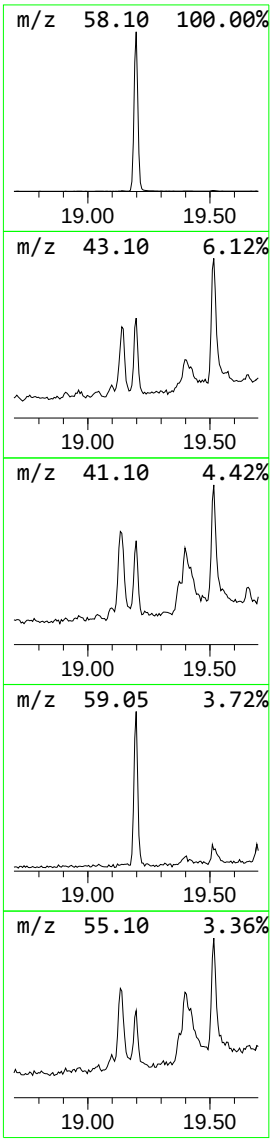
Peak Number 11 Dimantine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	4.93 ng	458876	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimantine	297	C20H43N	000124-28-7	90
2	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	72
3	Tetradonium Bromide	335	C17H38BrN	001119-97-7	72
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	72
5	1-Nonadecanamine, N,N-dimethyl-	311	C21H45N	049859-87-2	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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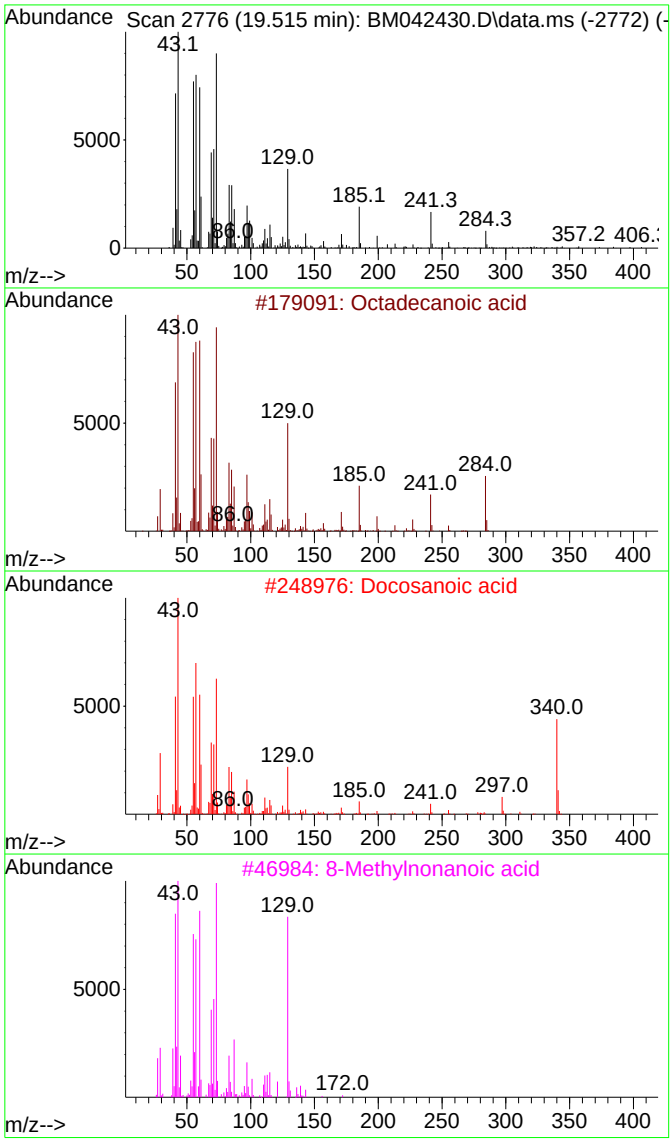
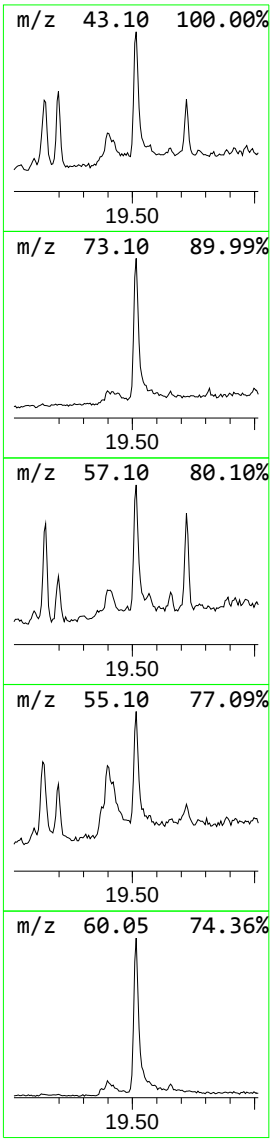
Peak Number 12 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	4.10 ng	639041	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Docosanoic acid	340	C22H44O2	000112-85-6	86
3	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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

TIC Library : C:\Database\NIST20.L
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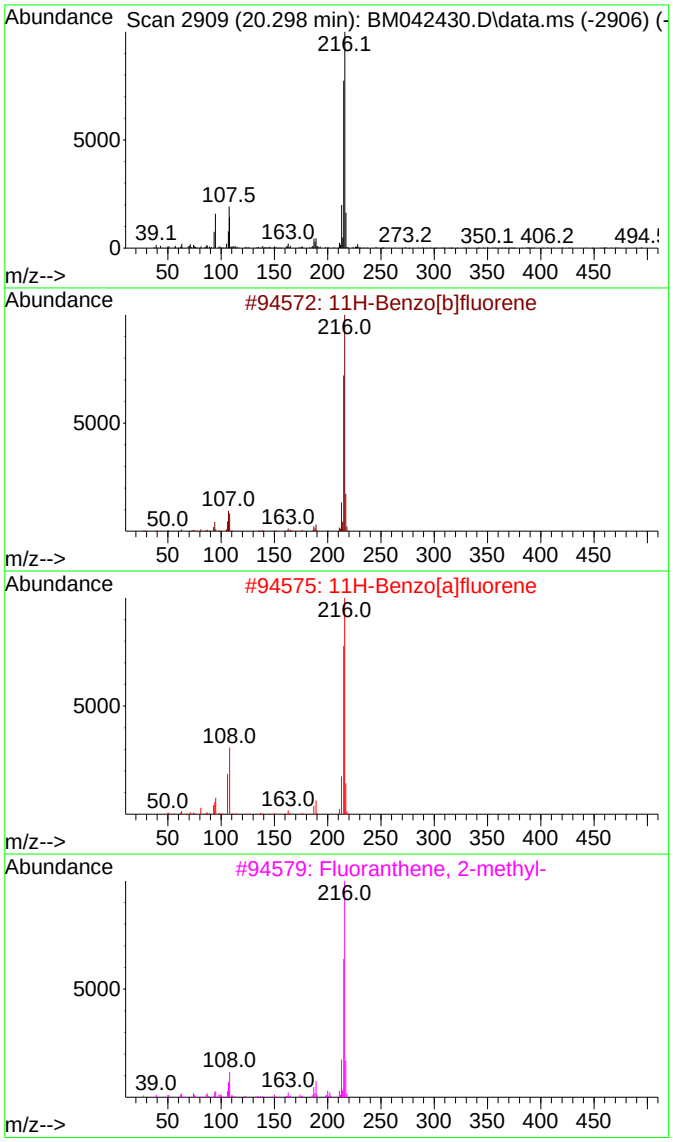
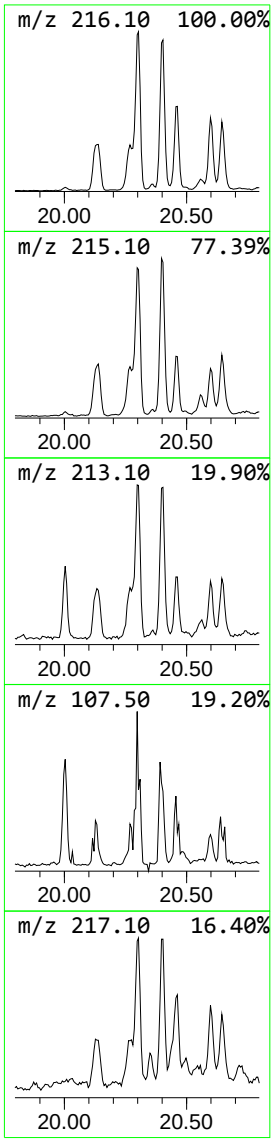
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.298	2.89 ng	450896	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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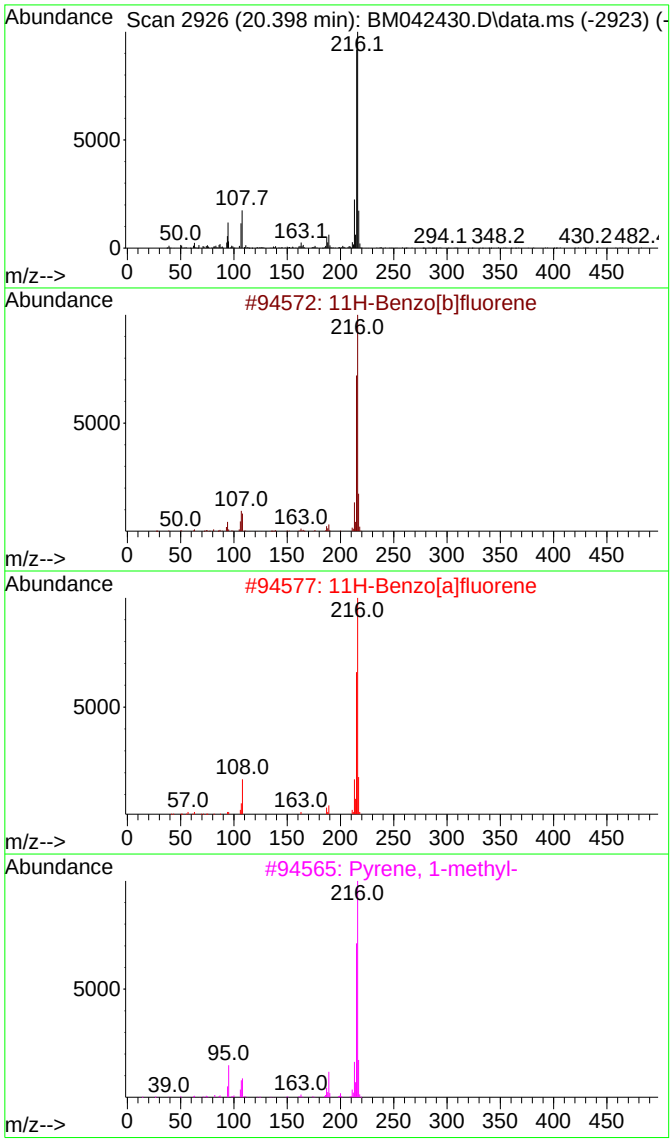
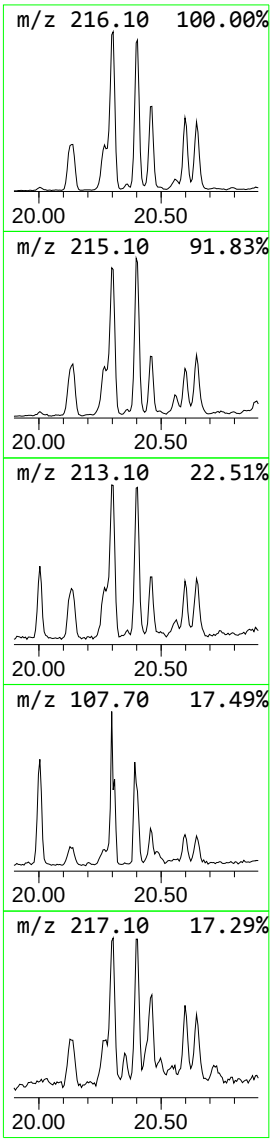
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	2.39 ng	372484	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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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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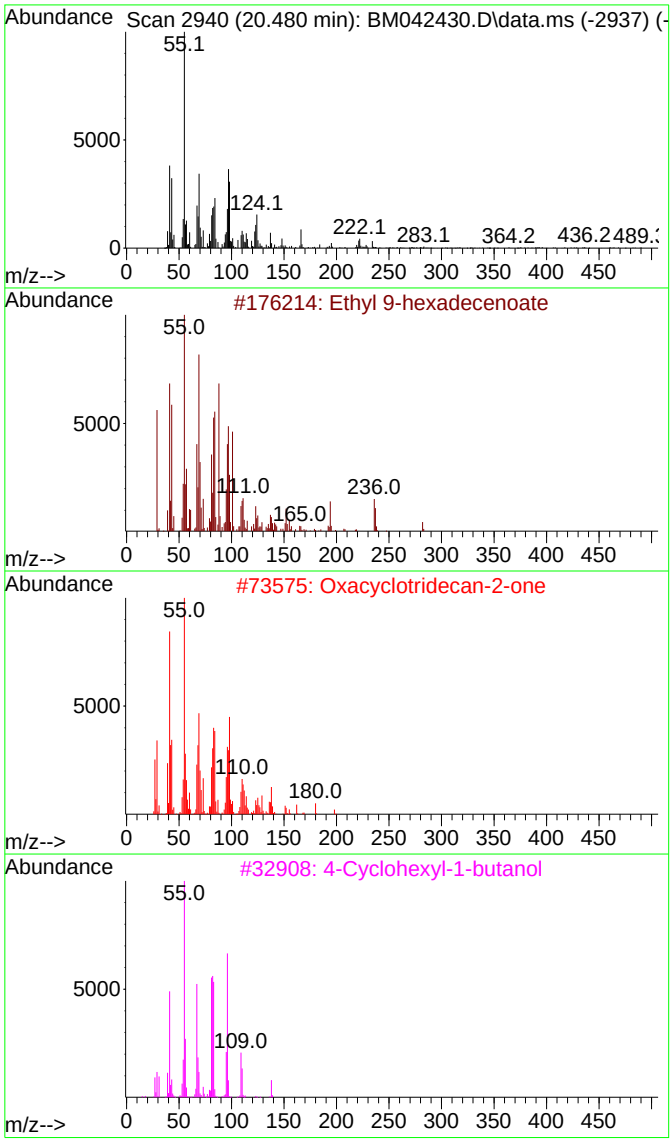
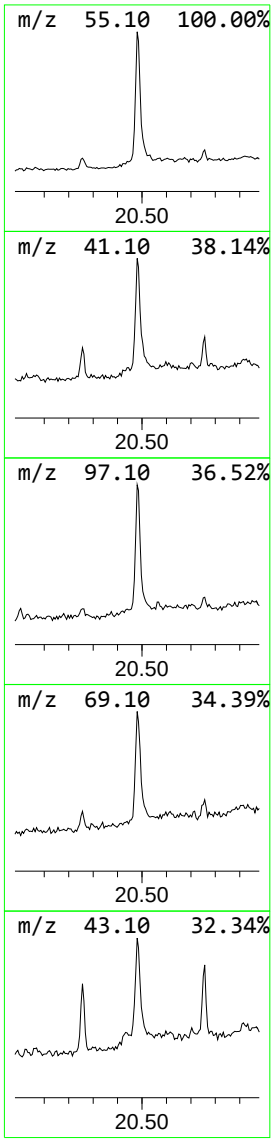
Peak Number 15 Ethyl 9-hexadecenoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.480	4.72 ng	735628	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 9-hexadecenoate	282	C18H34O2	054546-22-4	50
2	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	47
3	4-Cyclohexyl-1-butanol	156	C10H20O	004441-57-0	27
4	Ricinoleic acid	298	C18H34O3	000141-22-0	27
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	27





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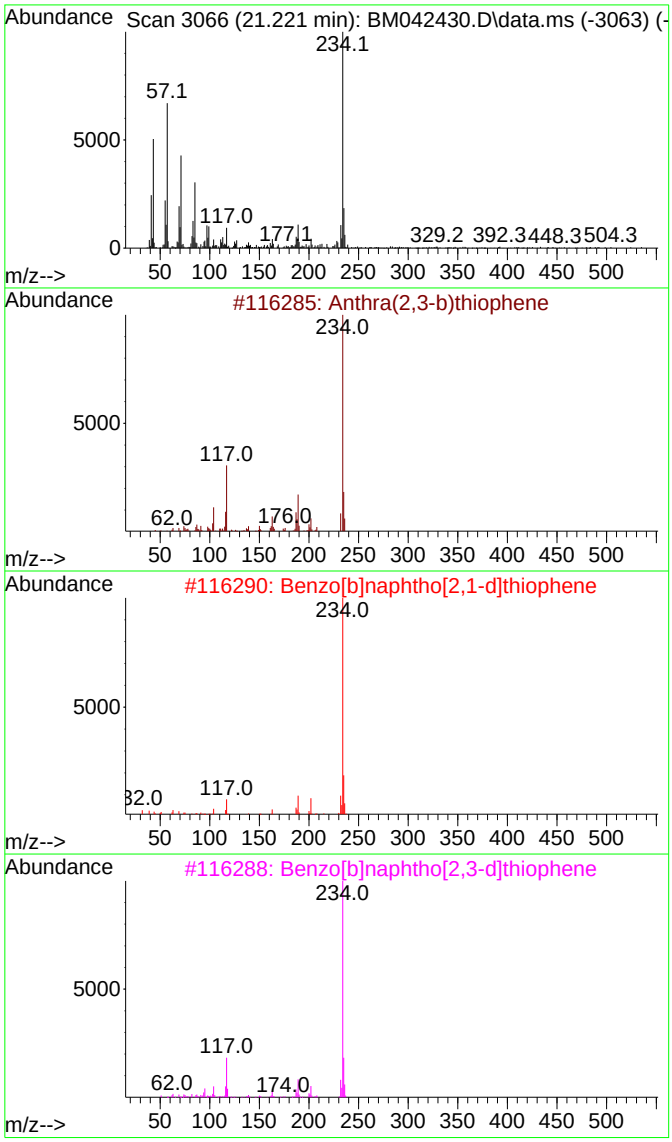
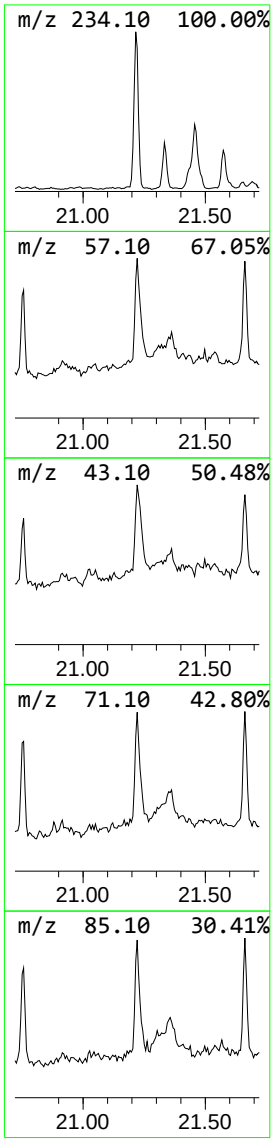
Peak Number 16 Anthra(2,3-b)thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.11 ng	484643	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	78
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	55
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	50





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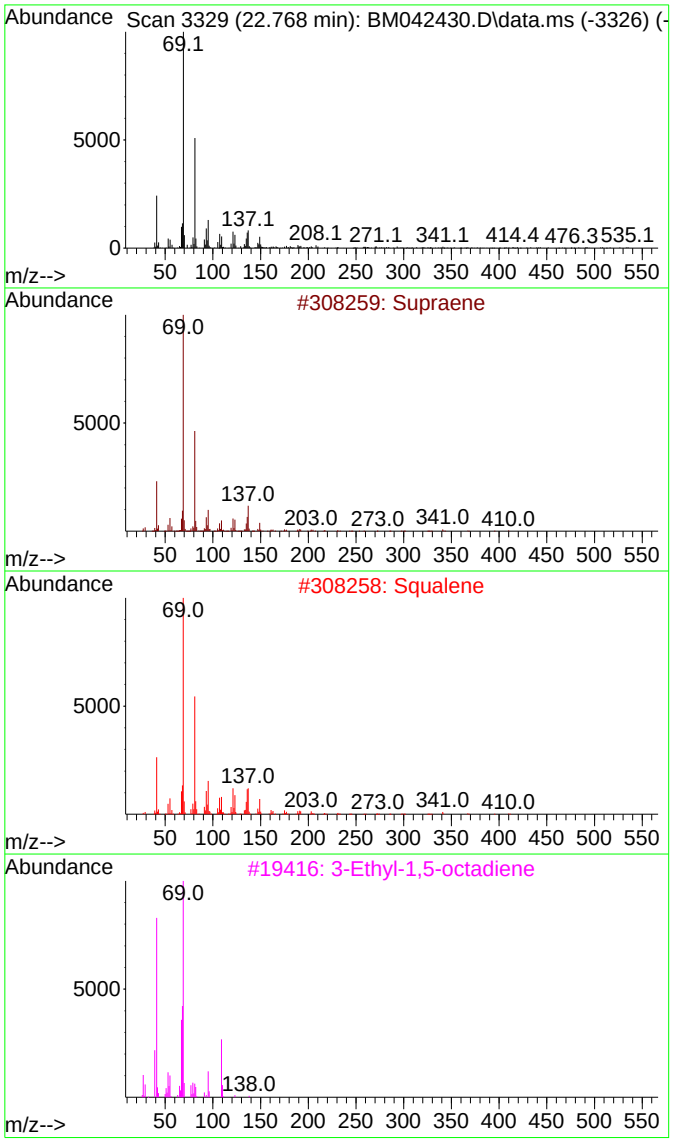
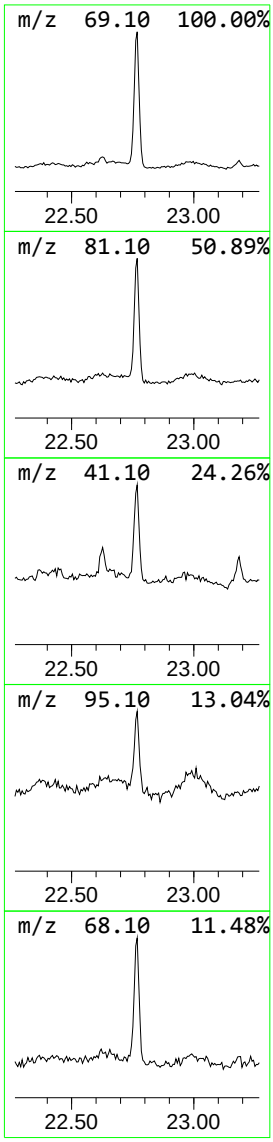
Peak Number 17 Supraene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.768	2.62 ng	407874	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	97
2	Squalene	410	C30H50	000111-02-4	81
3	3-Ethyl-1,5-octadiene	138	C10H18	1000114-87-7	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





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Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

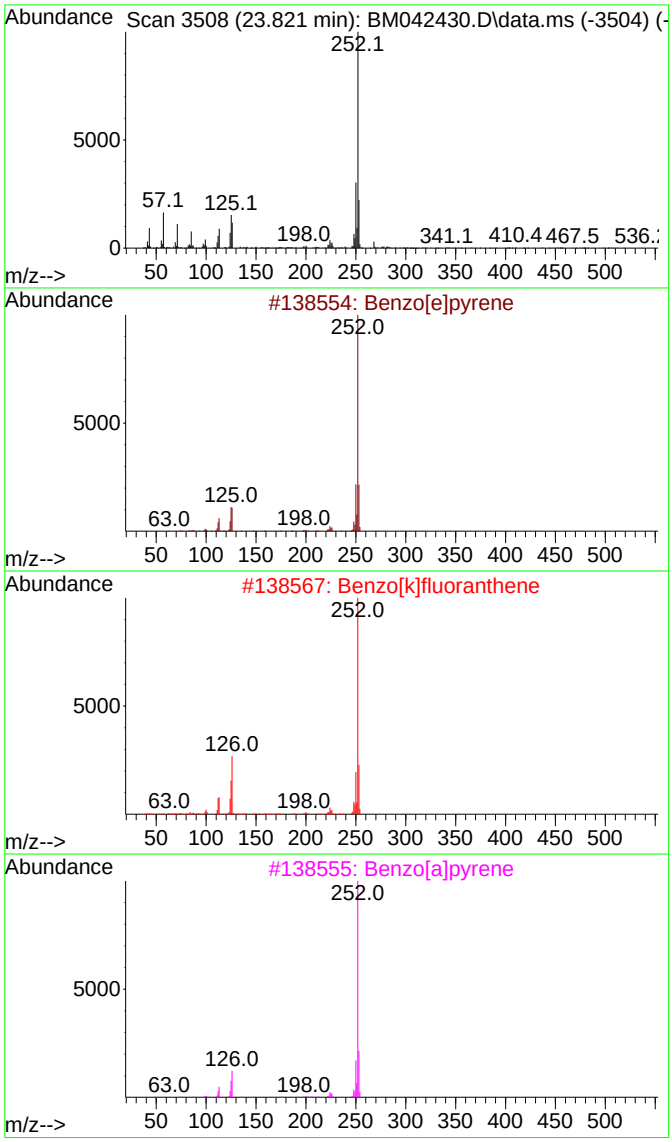
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

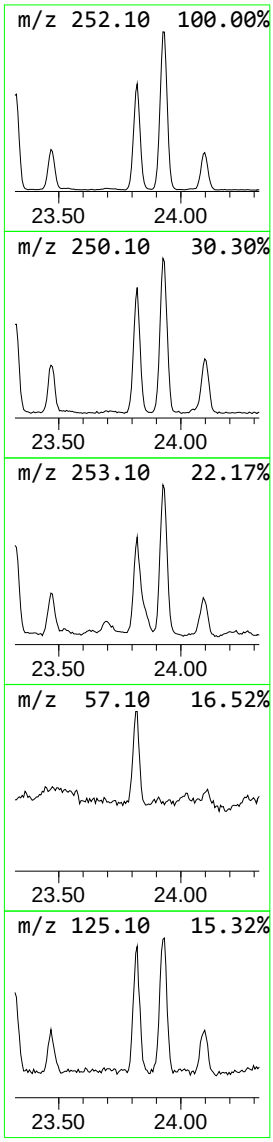
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.821	8.50 ng	659991	Perylene-d12	24.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042430.D
Acq On : 24 Oct 2023 21:32
Operator : MA/JU
Sample : 04841-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-1-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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
Heptanal	6.022	7.2	ng	307306	1	7.992	852987	20.0
Dibenzothiophene	17.209	2.5	ng	230019	4	17.392	1860230	20.0
Nonadecane	17.815	2.1	ng	192266	4	17.392	1860230	20.0
Dimethyl palmit...	17.868	2.3	ng	210923	4	17.392	1860230	20.0
n-Hexadecanoic ...	18.239	6.7	ng	619293	4	17.392	1860230	20.0
Anthracene, 2-m...	18.310	4.1	ng	382036	4	17.392	1860230	20.0
4H-Cyclopenta[d...	18.462	6.8	ng	629220	4	17.392	1860230	20.0
Phenanthrene, 1...	18.498	3.2	ng	296201	4	17.392	1860230	20.0
Naphthalene, 2-...	18.762	2.3	ng	213152	4	17.392	1860230	20.0
13-Hexyloxacycl...	19.133	4.8	ng	451212	4	17.392	1860230	20.0
Dimantine	19.198	4.9	ng	458876	4	17.392	1860230	20.0
Octadecanoic acid	19.515	4.1	ng	639041	5	21.574	3115820	20.0
11H-Benzo[b]flu...	20.298	2.9	ng	450896	5	21.574	3115820	20.0
11H-Benzo[a]flu...	20.398	2.4	ng	372484	5	21.574	3115820	20.0
Ethyl 9-hexadec...	20.480	4.7	ng	735628	5	21.574	3115820	20.0
Anthra(2,3-b)th...	21.221	3.1	ng	484643	5	21.574	3115820	20.0
Supraene	22.768	2.6	ng	407874	5	21.574	3115820	20.0
Benzo[e]pyrene	23.821	8.5	ng	659991	6	24.044	1552900	20.0