LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF133014.D
Acq On : 25 Apr 2023 00:55
Operator : CG\JU
Sample : 02464-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-91

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_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.940	481	485	491	rVB	93152	111724	2.39%	0.280%
2	5.357	551	556	559	rBV	4248045	4173955	89.42%	10.446%
3	6.387	725	731	734	rBV	4352468	4445427	95.24%	11.126%
4	6.746	788	792	795	rBV	1678354	1274875	27.31%	3.191%
5	7.310	883	888	891	rBV	3285981	2818532	60.38%	7.054%
6	8.028	1006	1010	1013	rBV	2186529	1724263	36.94%	4.315%
7	9.104	1189	1193	1196	rBV	5323434	4667712	100.00%	11.682%
8	9.781	1304	1308	1311	rBV	2495654	1864258	39.94%	4.666%
9	10.492	1426	1429	1433	rVB	553428	418477	8.97%	1.047%
10	10.569	1437	1442	1445	rBV	3386224	3041408	65.16%	7.612%
11	11.263	1556	1560	1562	rBV	2293918	1849909	39.63%	4.630%
12	11.281	1562	1563	1567	rVV	145426	116748	2.50%	0.292%
13	11.333	1567	1572	1576	rVB	66392	63206	1.35%	0.158%
14	11.804	1647	1652	1661	rBV	1206215	1181944	25.32%	2.958%
15	12.469	1762	1765	1769	rBV	342597	303566	6.50%	0.760%
16	12.522	1769	1774	1779	rVB4	92327	148195	3.17%	0.371%
17	12.586	1781	1785	1789	rBV	399259	371422	7.96%	0.930%
18	12.698	1798	1804	1808	rVB	273860	276384	5.92%	0.692%
19	12.851	1826	1830	1833	rBV	4965305	4440734	95.14%	11.114%
20	13.027	1858	1860	1865	rVB2	49950	55452	1.19%	0.139%
21	13.092	1868	1871	1874	rVV	86750	84558	1.81%	0.212%
22	13.133	1875	1878	1880	rVB2	58108	56044	1.20%	0.140%
23	13.439	1927	1930	1932	rBV	63796	62352	1.34%	0.156%
24	13.769	1983	1986	2000	rVB2	353245	611570	13.10%	1.531%
25	13.898	2003	2008	2010	rVV	1587471	1561320	33.45%	3.908%
26	13.922	2010	2012	2015	rVB	175432	129562	2.78%	0.324%
27	13.992	2022	2024	2028	rVB	125579	125818	2.70%	0.315%
28	14.039	2028	2032	2036	rVV	285807	275353	5.90%	0.689%
29	14.080	2037	2039	2041	rVV2	80237	63303	1.36%	0.158%
30	14.110	2041	2044	2048	rVB	151108	137606	2.95%	0.344%
31	14.286	2069	2074	2077	rVB2	116190	167364	3.59%	0.419%
32	14.316	2077	2079	2082	rVB	95105	76598	1.64%	0.192%
33	14.386	2088	2091	2093	rBV3	73159	78949	1.69%	0.198%
34	14.616	2127	2130	2135	rBV	79377	105715	2.26%	0.265%
35	14.663	2135	2138	2140	rBV2	180597	168527	3.61%	0.422%
36	14.916	2177	2181	2184	rBV	164488	237233	5.08%	0.594%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-91

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_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.016	2196	2198	2201	rVB4	93080	80519	1.73%	0.202%
38	15.204	2226	2230	2236	rVB	254199	294058	6.30%	0.736%
39	15.257	2236	2239	2243	rBV	187923	213573	4.58%	0.535%
40	15.321	2246	2250	2254	rBV	1122574	1284744	27.52%	3.215%
41	15.627	2299	2302	2305	rBV	136954	146557	3.14%	0.367%
42	15.663	2305	2308	2316	rVB	167891	242391	5.19%	0.607%
43	15.745	2320	2322	2326	rVB3	84653	89721	1.92%	0.225%
44	17.115	2551	2555	2566	rVB	153228	314276	6.73%	0.787%

Sum of corrected areas: 39955902

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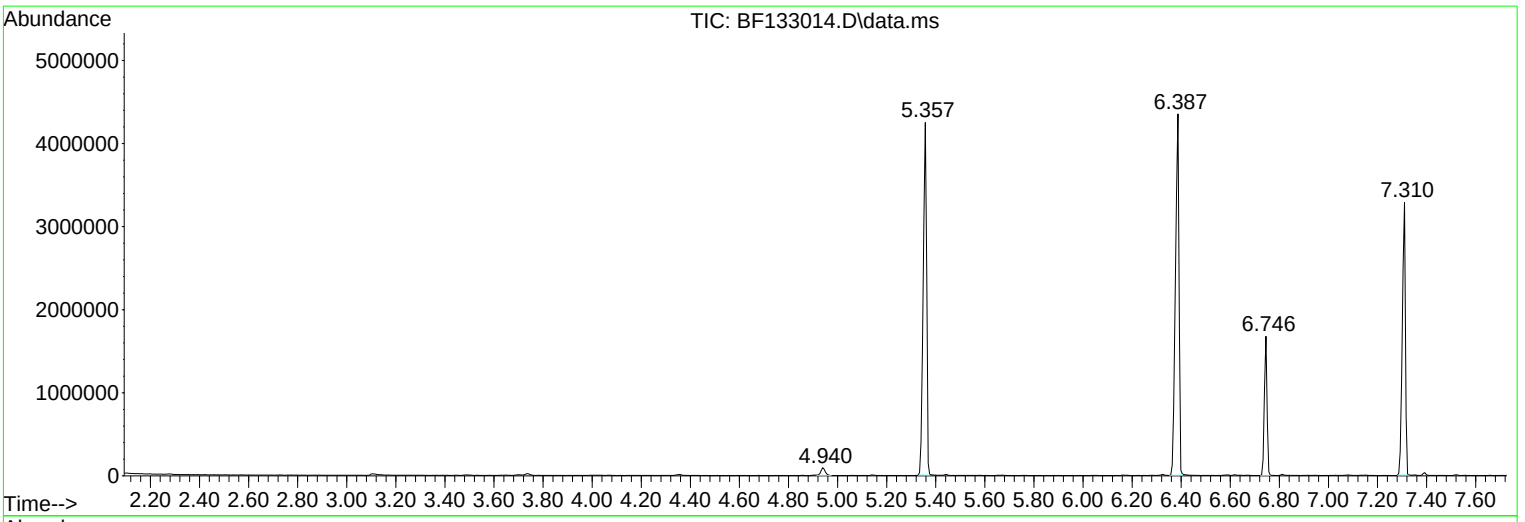
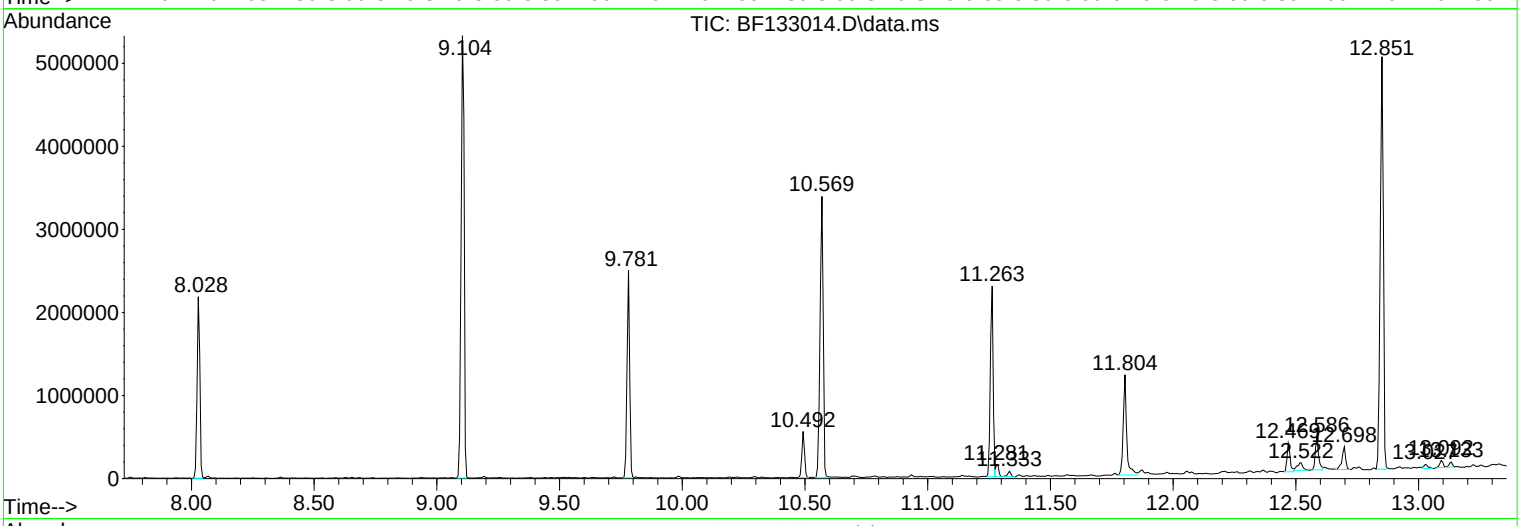
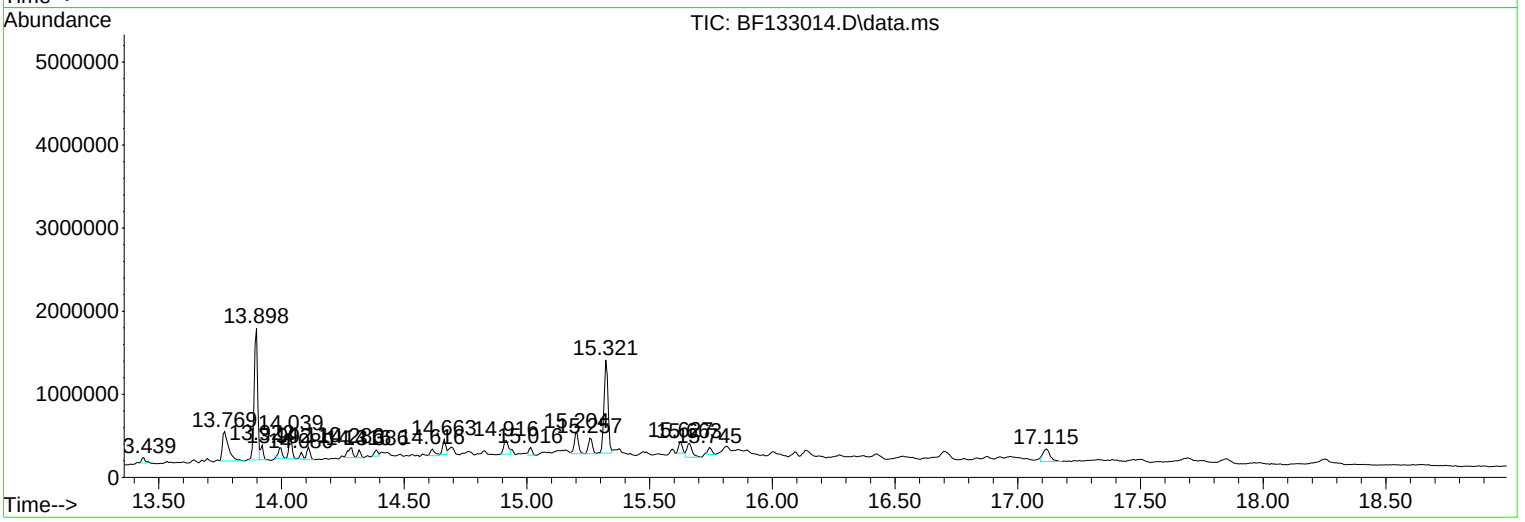
MH-91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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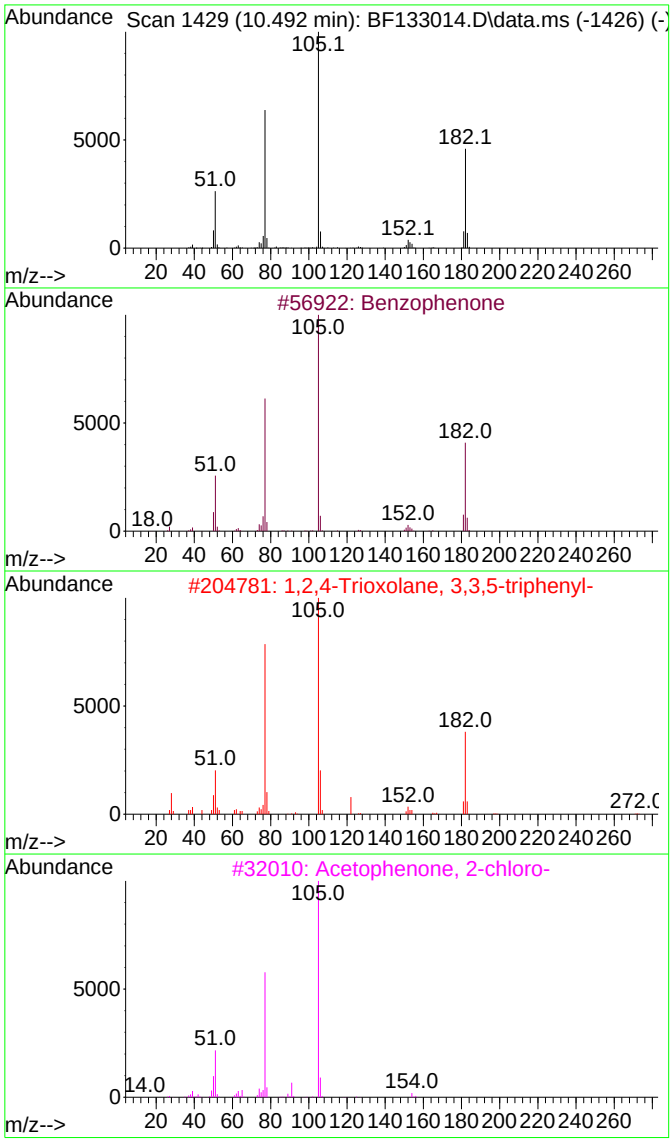
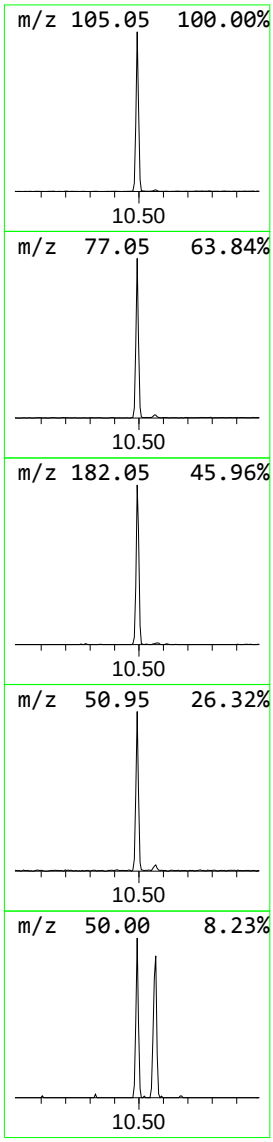
Peak Number 1 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	4.49 ng	418477	Acenaphthene-d10	9.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
5	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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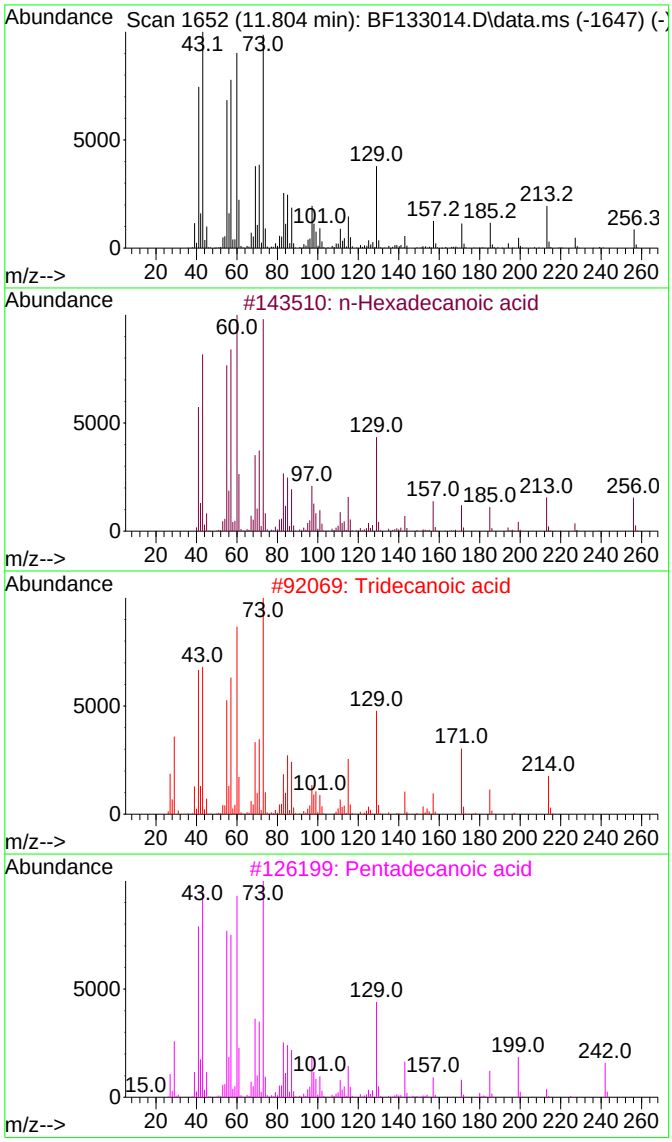
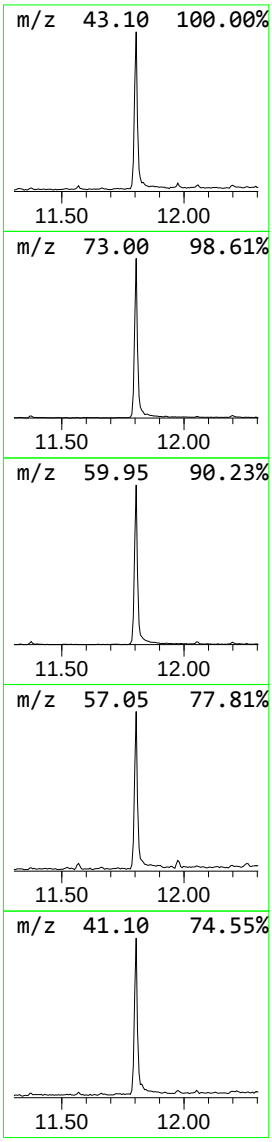
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	12.78 ng	1181940	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Acq On : 25 Apr 2023 00:55
Operator : CG\JU
Sample : 02464-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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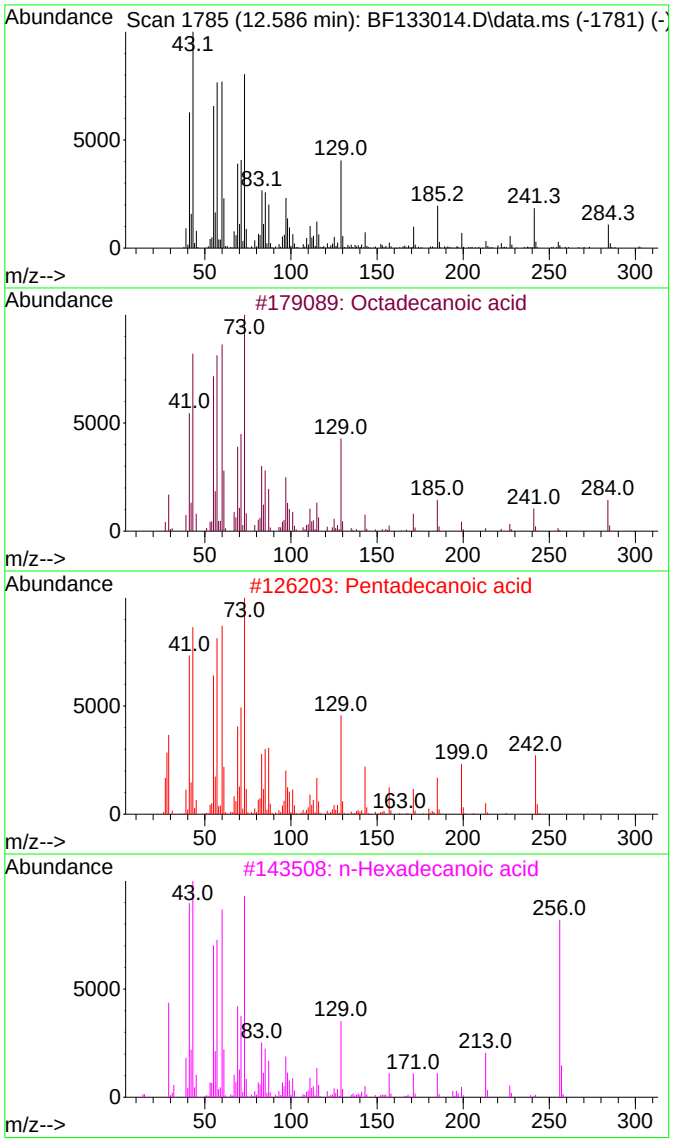
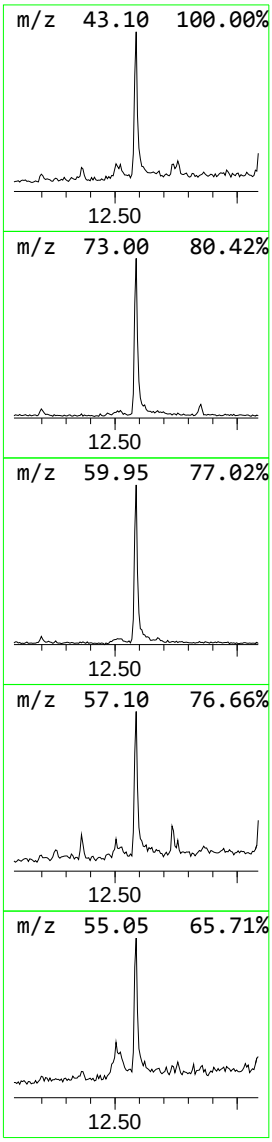
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	4.76 ng	371422	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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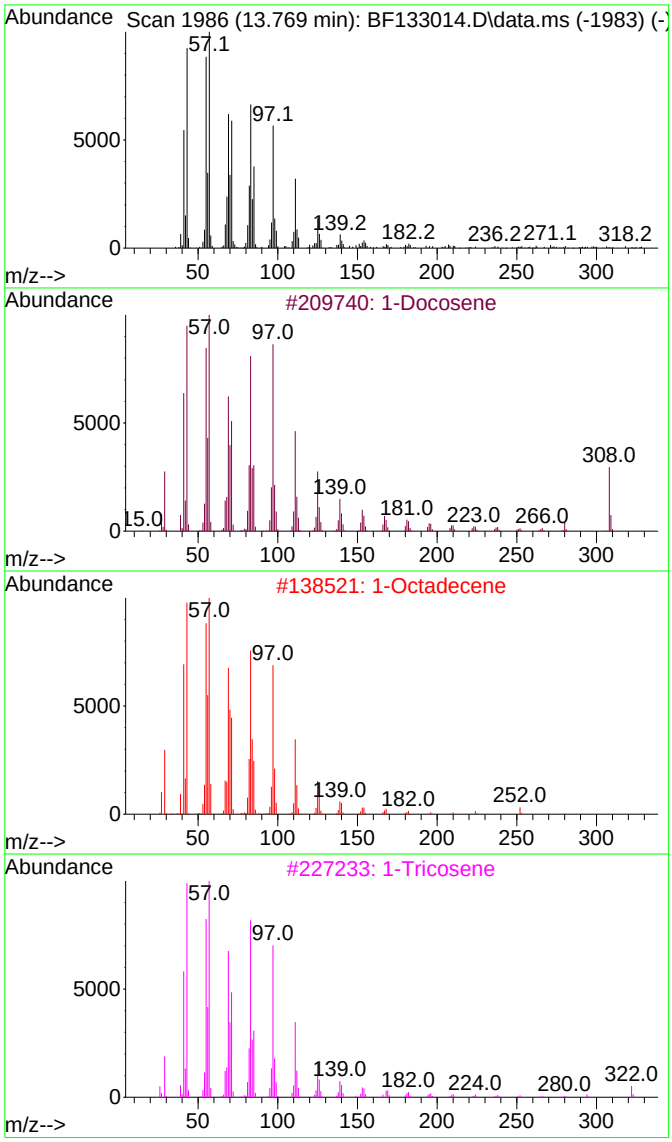
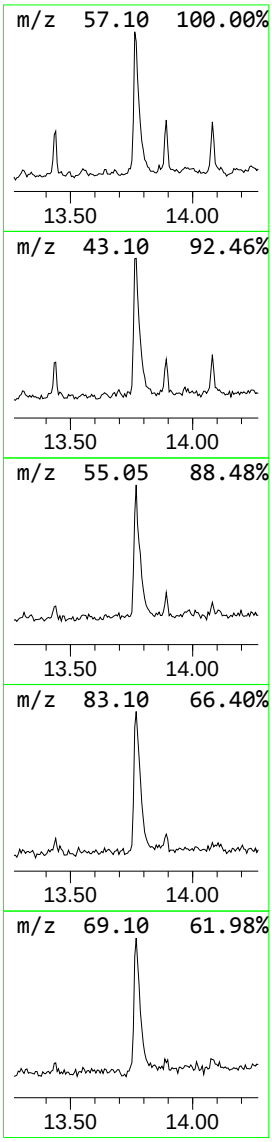
Peak Number 4 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	7.83 ng	611570	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Octadecene	252	C18H36	000112-88-9	95
3	1-Tricosene	322	C23H46	018835-32-0	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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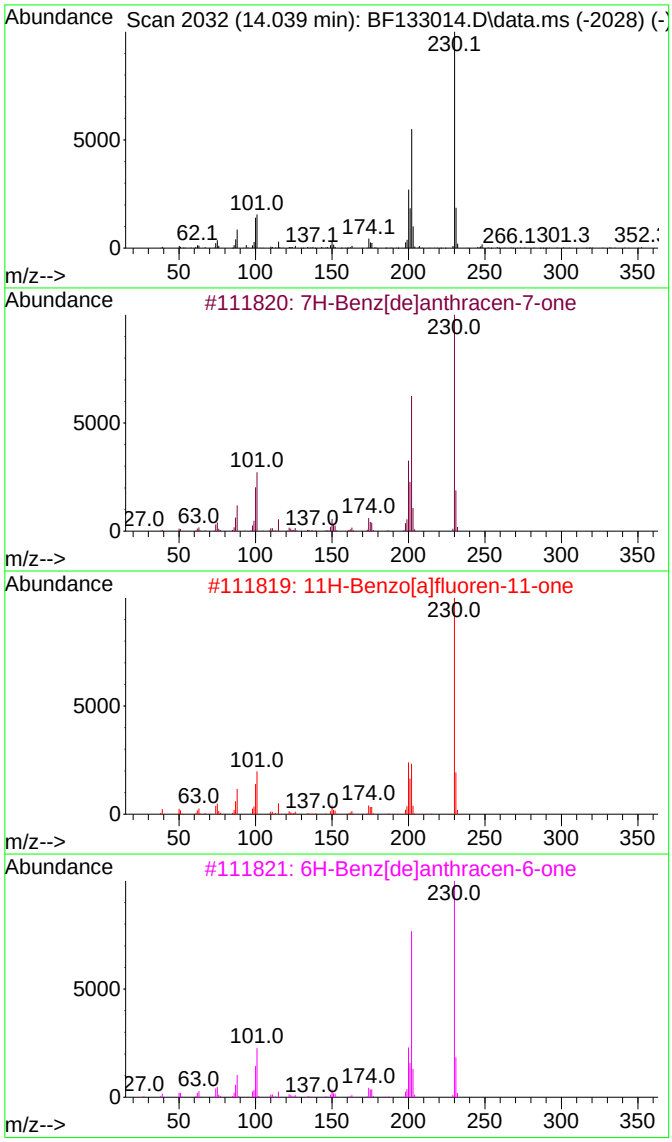
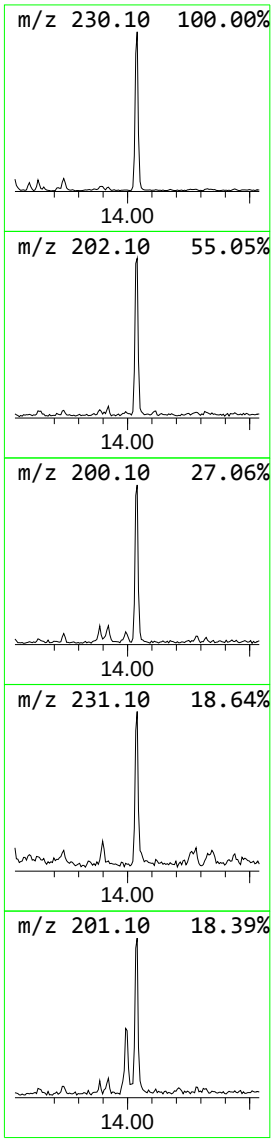
Peak Number 5 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	3.53 ng	275353	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	98
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	74





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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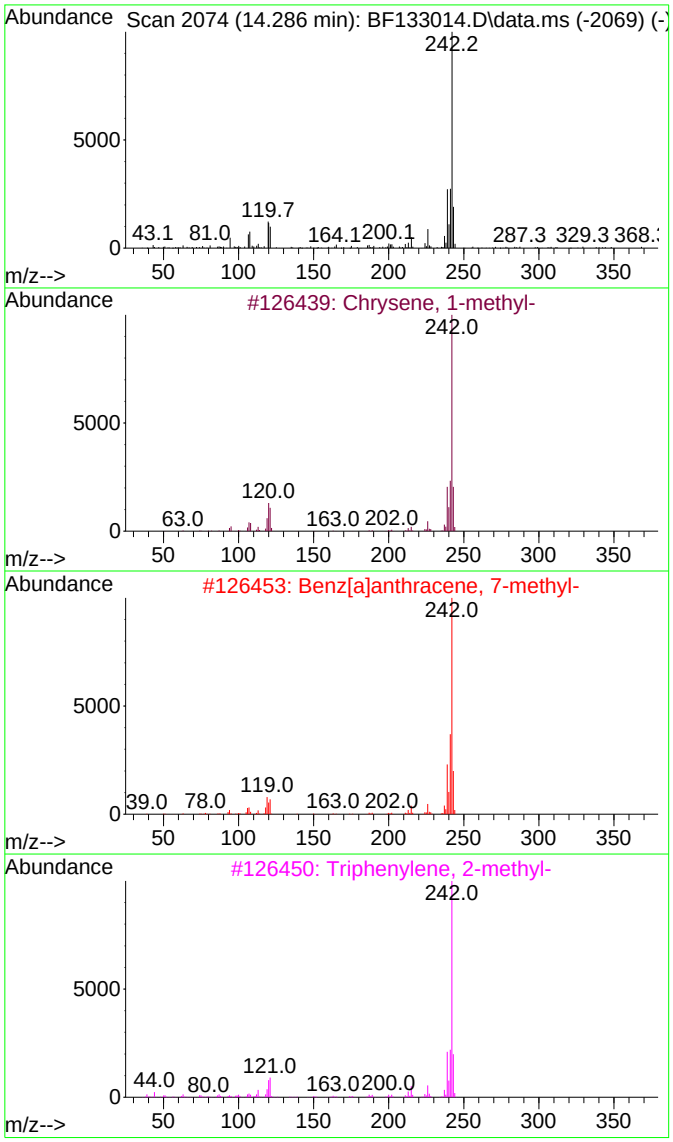
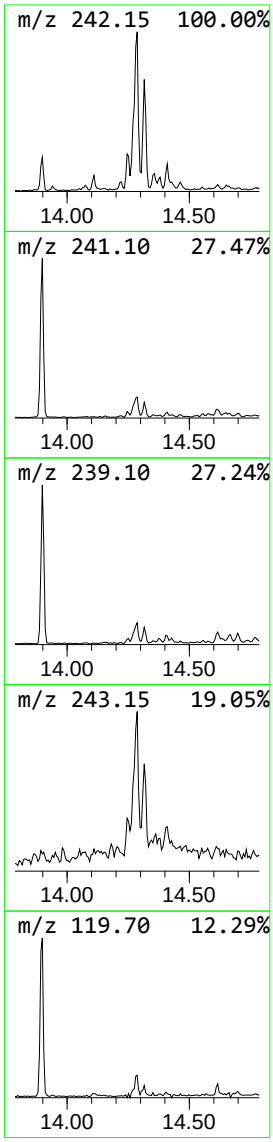
Peak Number 6 Chrysene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	2.14 ng	167364	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	83





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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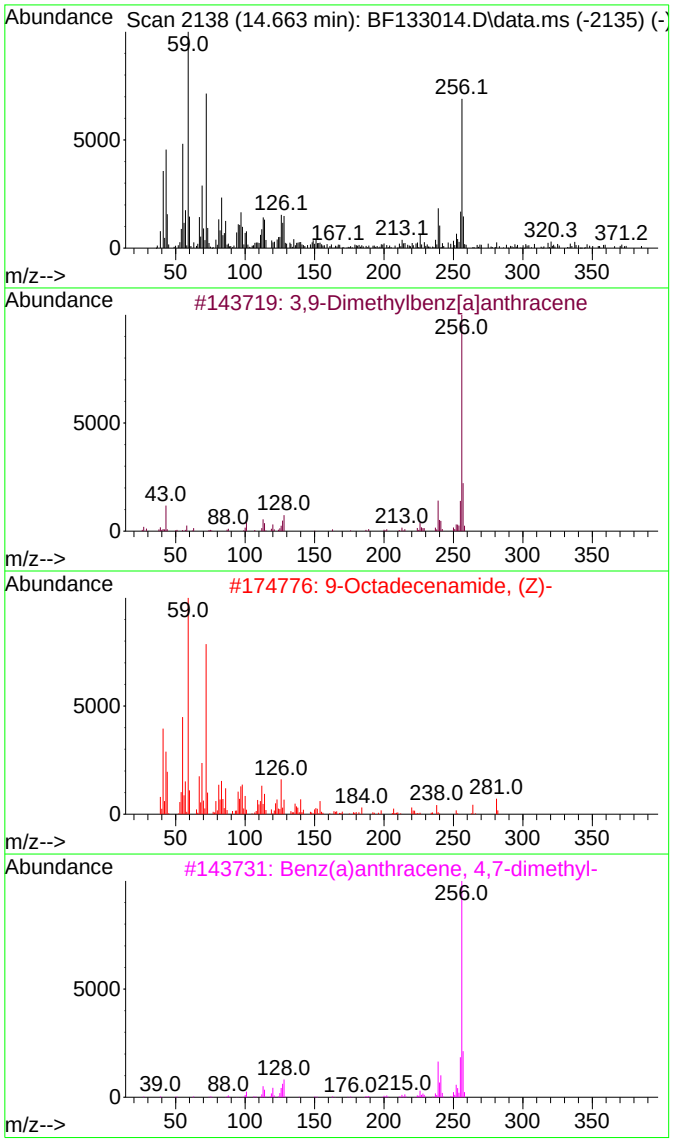
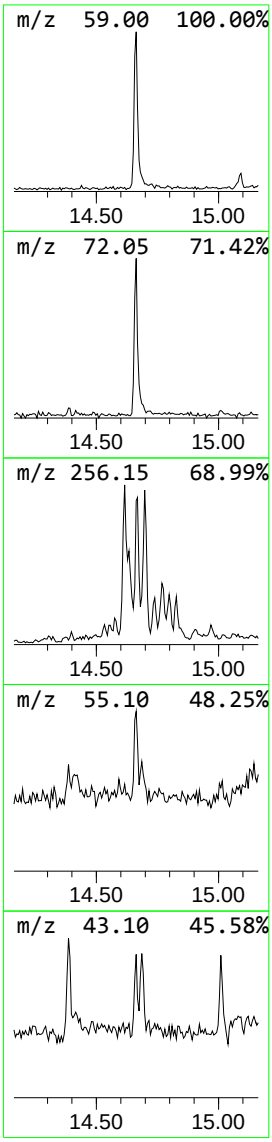
Peak Number 7 3,9-Dimethylbenz[a]anthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	2.62 ng	168527	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	94
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	84
4	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	81
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70





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Data File : BF133014.D
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Operator : CG\JU
Sample : 02464-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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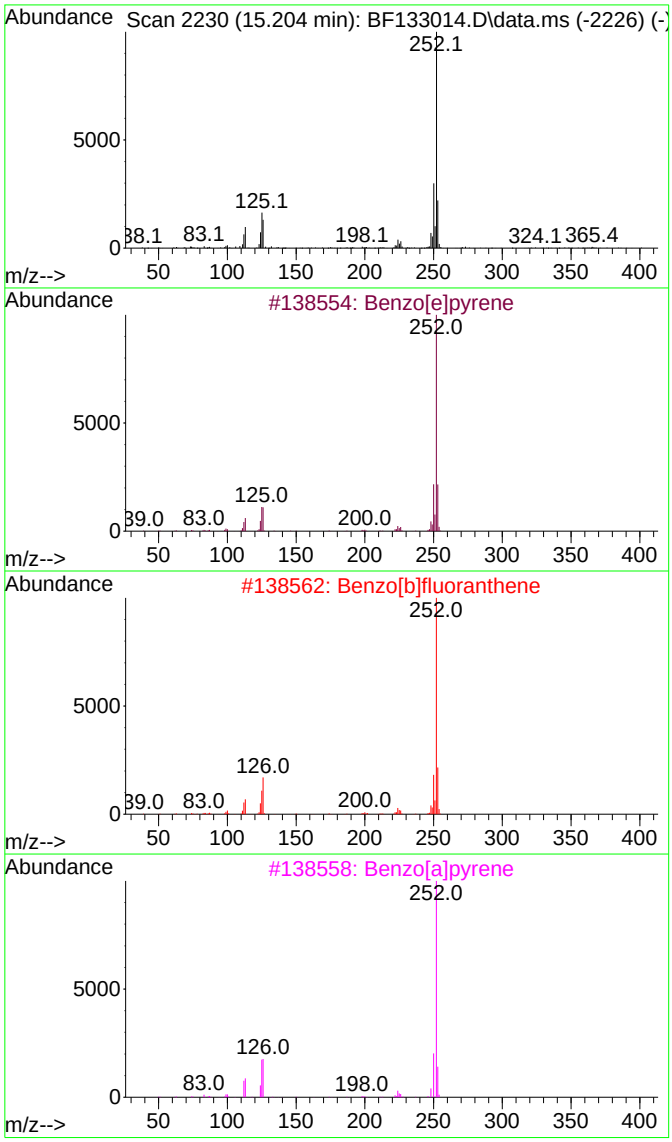
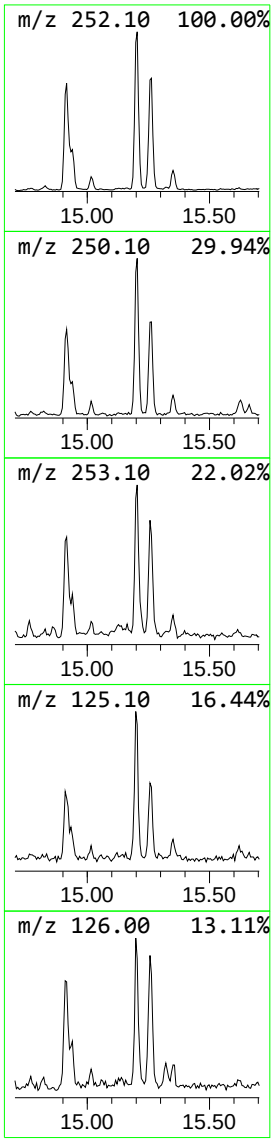
Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	4.58 ng	294058	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





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Operator : CG\JU
Sample : 02464-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-91

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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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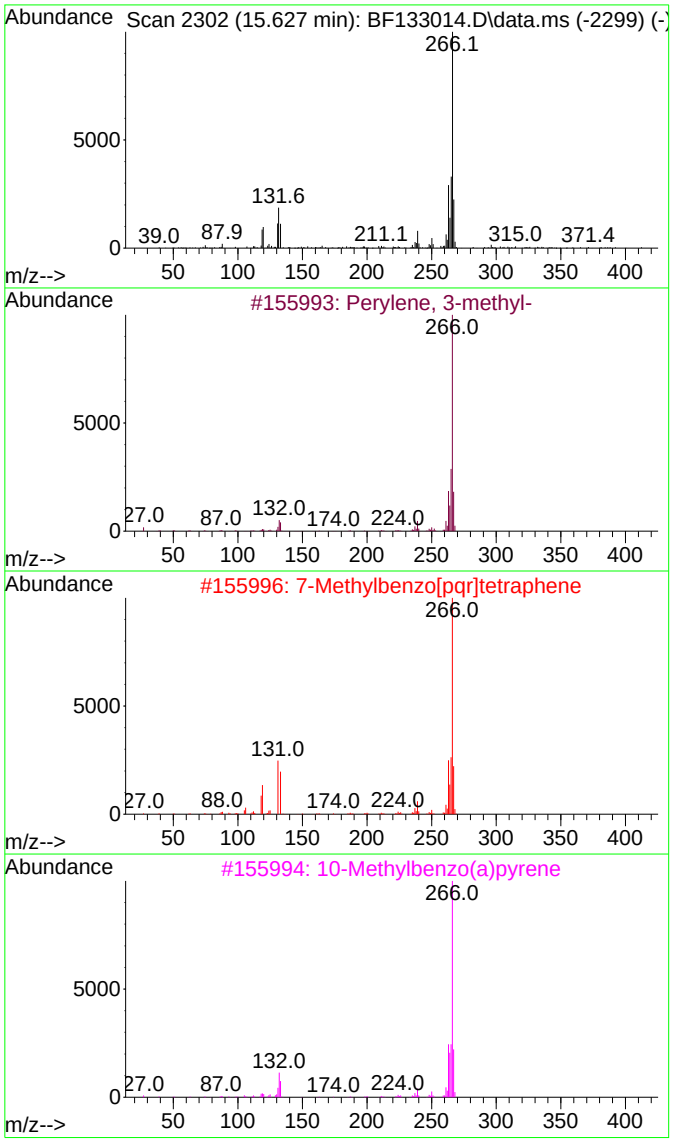
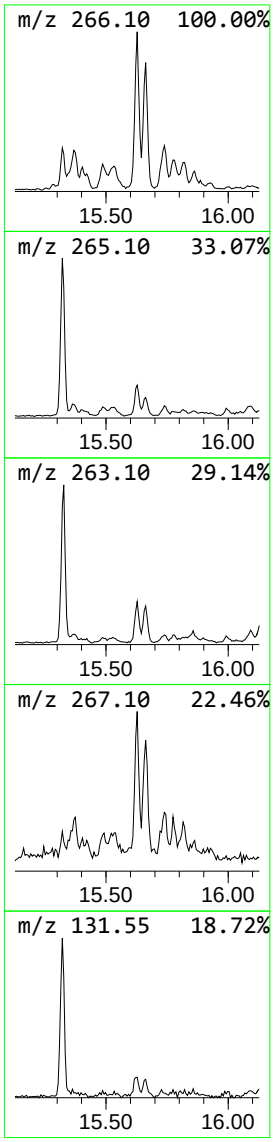
Peak Number 9 Perylene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	2.28 ng	146557	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	95
2	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	89
3	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	76
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	60
5	4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	097551-10-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF133014.D
Acq On : 25 Apr 2023 00:55
Operator : CG\JU
Sample : 02464-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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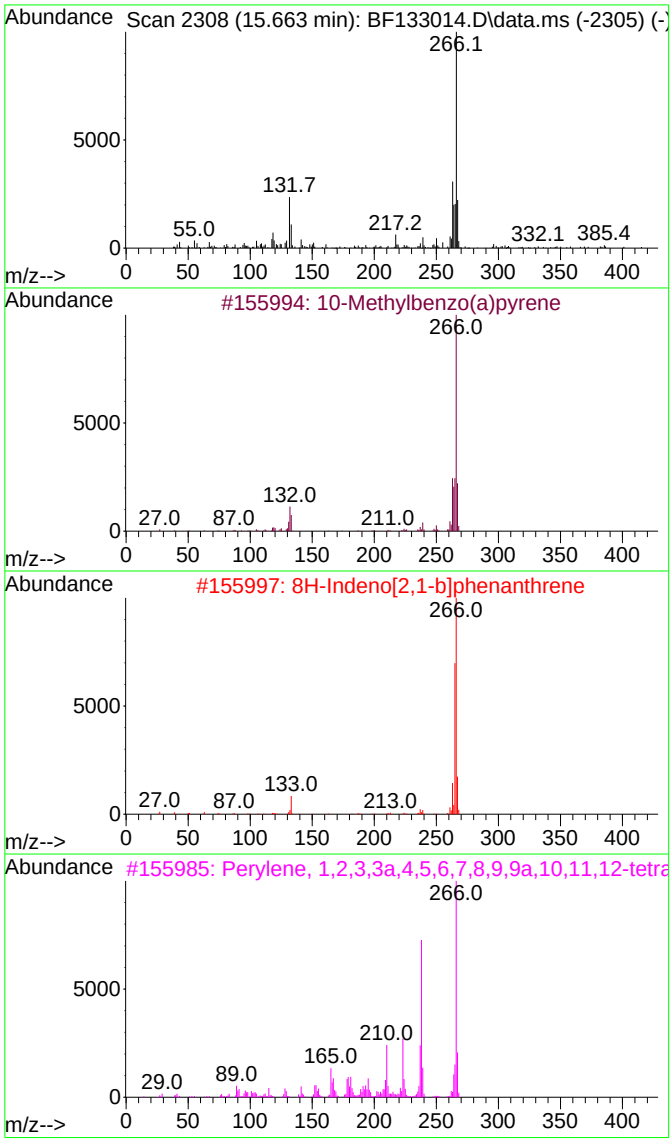
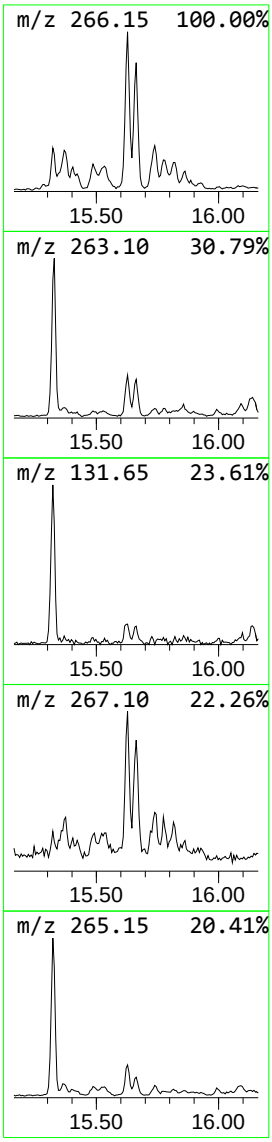
Peak Number 10 10-Methylbenzo(a)pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	3.77 ng	242391	Perylene-d12	15.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	92
2	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	52
3	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266	C20H26	007594-86-7	50
4	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	49
5	Perylene, 3-methyl-	266	C21H14	024471-47-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF133014.D
Acq On : 25 Apr 2023 00:55
Operator : CG\JU
Sample : 02464-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-91

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Benzophenone	10.492	4.5	ng	418477	3	9.781	1864260	20.0
n-Hexadecanoic ...	11.804	12.8	ng	1181940	4	11.263	1849910	20.0
Octadecanoic acid	12.586	4.8	ng	371422	5	13.898	1561320	20.0
1-Docosene	13.769	7.8	ng	611570	5	13.898	1561320	20.0
7H-Benz[de]anth...	14.039	3.5	ng	275353	5	13.898	1561320	20.0
Chrysene, 1-met...	14.286	2.1	ng	167364	5	13.898	1561320	20.0
3,9-Dimethylben...	14.663	2.6	ng	168527	6	15.321	1284740	20.0
Benzo[e]pyrene	15.204	4.6	ng	294058	6	15.321	1284740	20.0
Perylene, 3-met...	15.627	2.3	ng	146557	6	15.321	1284740	20.0
10-Methylbenzo(...	15.663	3.8	ng	242391	6	15.321	1284740	20.0