LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	3	12	16	rVB	4218467	7038188	100.00%	19.482%
2	4.175	352	355	366	rBV	62885	150555	2.14%	0.417%
3	5.475	572	576	590	rVB	1188214	1146275	16.29%	3.173%
4	5.651	603	606	612	rBV2	540179	586796	8.34%	1.624%
5	6.098	679	682	692	rBV	685503	682560	9.70%	1.889%
6	6.481	743	747	762	rBV	1297349	1131639	16.08%	3.133%
7	6.845	805	809	815	rBV	697926	563644	8.01%	1.560%
8	6.945	823	826	832	rBV	133671	136271	1.94%	0.377%
9	6.998	832	835	845	rVB	659655	603485	8.57%	1.671%
10	7.404	901	904	907	rBV	840764	679083	9.65%	1.880%
11	8.104	1020	1023	1024	rVV	140671	140159	1.99%	0.388%
12	8.122	1024	1026	1029	rVV	846881	683703	9.71%	1.893%
13	8.181	1032	1036	1038	rVV3	73974	94528	1.34%	0.262%
14	8.410	1072	1075	1080	rVB5	71143	74624	1.06%	0.207%
15	8.539	1094	1097	1099	rBV	96302	71841	1.02%	0.199%
16	8.628	1109	1112	1114	rBV2	96223	75750	1.08%	0.210%
17	8.710	1123	1126	1130	rBV	202812	180802	2.57%	0.500%
18	8.945	1163	1166	1168	rVB2	120798	98158	1.39%	0.272%
19	9.139	1197	1199	1202	rBV2	126742	121785	1.73%	0.337%
20	9.198	1206	1209	1214	rVV	1339000	1064232	15.12%	2.946%
21	9.280	1219	1223	1225	rBV	168082	151348	2.15%	0.419%
22	9.351	1232	1235	1237	rVB2	90990	72109	1.02%	0.200%
23	9.469	1248	1255	1260	rBV6	88254	151392	2.15%	0.419%
24	9.539	1264	1267	1269	rVV	120947	132903	1.89%	0.368%
25	9.563	1269	1271	1273	rVV3	91080	86698	1.23%	0.240%
26	9.598	1273	1277	1280	rVV3	184870	218902	3.11%	0.606%
27	9.628	1280	1282	1285	rVV3	85654	77508	1.10%	0.215%
28	9.657	1285	1287	1291	rVB2	103629	99602	1.42%	0.276%
29	9.745	1299	1302	1306	rBV	128427	139614	1.98%	0.386%
30	9.810	1311	1313	1317	rVB	193341	152285	2.16%	0.422%
31	9.880	1322	1325	1328	rVV	669445	570973	8.11%	1.581%
32	9.916	1328	1331	1333	rVB	112549	81149	1.15%	0.225%
33	9.986	1340	1343	1348	rBV3	82862	96360	1.37%	0.267%
34	10.039	1348	1352	1354	rBV3	69024	89922	1.28%	0.249%
35	10.086	1358	1360	1364	rVV2	101172	119529	1.70%	0.331%
36	10.127	1364	1367	1372	rVV4	109070	154972	2.20%	0.429%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.198	1376	1379	1383	rBV4	105387	163001	2.32%	0.451%
38	10.310	1396	1398	1401	rVB	258305	220893	3.14%	0.611%
39	10.433	1415	1419	1425	rBV	153457	195576	2.78%	0.541%
40	10.533	1432	1436	1441	rVB	165733	239573	3.40%	0.663%
41	10.598	1442	1447	1449	rBV2	131787	148092	2.10%	0.410%
42	10.674	1457	1460	1464	rVB	656575	527829	7.50%	1.461%
43	10.786	1476	1479	1488	rVB2	350173	565313	8.03%	1.565%
44	10.980	1509	1512	1514	rBV2	85787	93360	1.33%	0.258%
45	11.016	1515	1518	1521	rVB	96823	91712	1.30%	0.254%
46	11.239	1553	1556	1558	rBV	399388	303086	4.31%	0.839%
47	11.269	1558	1561	1567	rVB2	283588	320244	4.55%	0.886%
48	11.380	1576	1580	1582	rBV	633384	610953	8.68%	1.691%
49	11.404	1582	1584	1590	rVV	855116	728503	10.35%	2.017%
50	11.457	1590	1593	1596	rVB	237798	214463	3.05%	0.594%
51	11.621	1617	1621	1624	rBV5	77678	103016	1.46%	0.285%
52	11.669	1626	1629	1632	rVV	422620	332402	4.72%	0.920%
53	11.710	1634	1636	1642	rVB2	87546	99297	1.41%	0.275%
54	11.769	1644	1646	1649	rBV	128140	101196	1.44%	0.280%
55	11.833	1654	1657	1662	rBV5	79244	119074	1.69%	0.330%
56	11.880	1662	1665	1667	rVV	193239	189746	2.70%	0.525%
57	11.910	1667	1670	1676	rVV	865144	938189	13.33%	2.597%
58	11.963	1676	1679	1681	rVV2	119630	138413	1.97%	0.383%
59	11.992	1681	1684	1687	rVV2	309360	373862	5.31%	1.035%
60	12.016	1687	1688	1692	rVB	155364	120135	1.71%	0.333%
61	12.080	1696	1699	1703	rVB	368917	301150	4.28%	0.834%
62	12.180	1713	1716	1718	rBV2	99790	84247	1.20%	0.233%
63	12.363	1744	1747	1749	rBV	102695	80856	1.15%	0.224%
64	12.433	1756	1759	1761	rBV	145322	145473	2.07%	0.403%
65	12.480	1761	1767	1772	rVV4	578217	982724	13.96%	2.720%
66	12.527	1772	1775	1779	rVB2	60798	71593	1.02%	0.198%
67	12.604	1784	1788	1790	rBV	1323061	1332270	18.93%	3.688%
68	12.633	1790	1793	1801	rVV	1577853	2063395	29.32%	5.712%
69	12.704	1802	1805	1811	rVB3	262212	268846	3.82%	0.744%
70	12.833	1821	1827	1833	rVB	1073162	1317508	18.72%	3.647%
71	12.974	1848	1851	1854	rVB	1039390	820096	11.65%	2.270%
72	13.057	1861	1865	1868	rBV3	91012	159793	2.27%	0.442%
73	13.163	1876	1883	1887	rBV	205816	319811	4.54%	0.885%
74	13.204	1887	1890	1892	rBV	191865	194576	2.76%	0.539%
75	13.227	1892	1894	1898	rVB	129261	129529	1.84%	0.359%
76	13.268	1898	1901	1903	rBV2	121068	107987	1.53%	0.299%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.363	1914	1917	1919	rBV	84767	71121	1.01%	0.197%
78	13.392	1920	1922	1925	rBV	105436	123406	1.75%	0.342%
79	13.474	1933	1936	1941	rVB5	161194	196365	2.79%	0.544%
80	13.551	1946	1949	1953	rVV	122366	122203	1.74%	0.338%
81	14.039	2028	2032	2035	rBV2	586663	858320	12.20%	2.376%
82	14.068	2035	2037	2045	rVB	376222	342074	4.86%	0.947%
83	14.951	2185	2187	2194	rVB	199378	229446	3.26%	0.635%
84	15.104	2211	2213	2222	rVB	236443	415707	5.91%	1.151%
85	15.421	2265	2267	2273	rVB	155530	169464	2.41%	0.469%
86	15.486	2275	2278	2284	rVB	242814	307059	4.36%	0.850%
87	15.551	2286	2289	2292	rBV	209279	253416	3.60%	0.701%

Sum of corrected areas: 36125707

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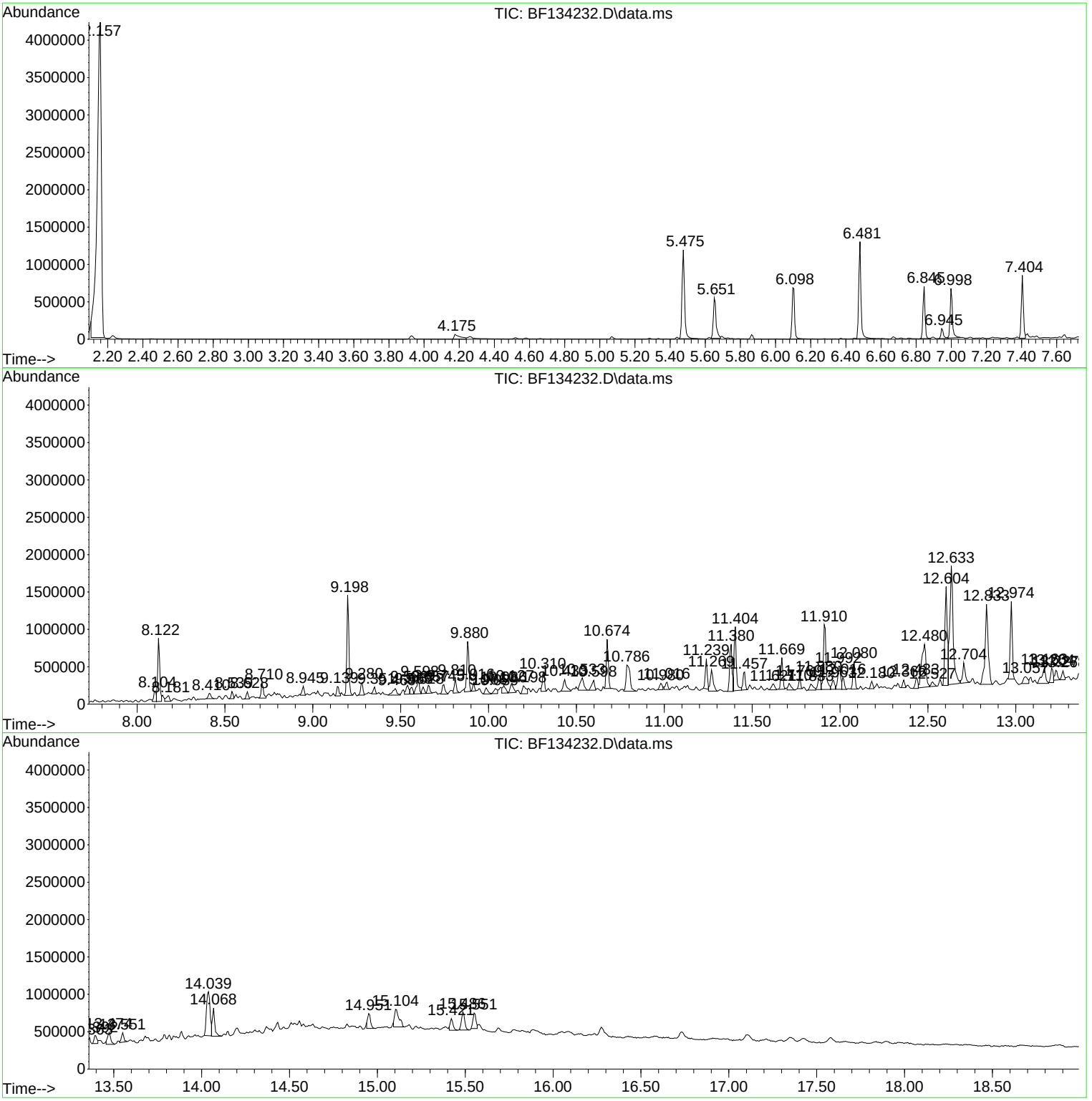
Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
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Instrument :
BNA_F
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EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

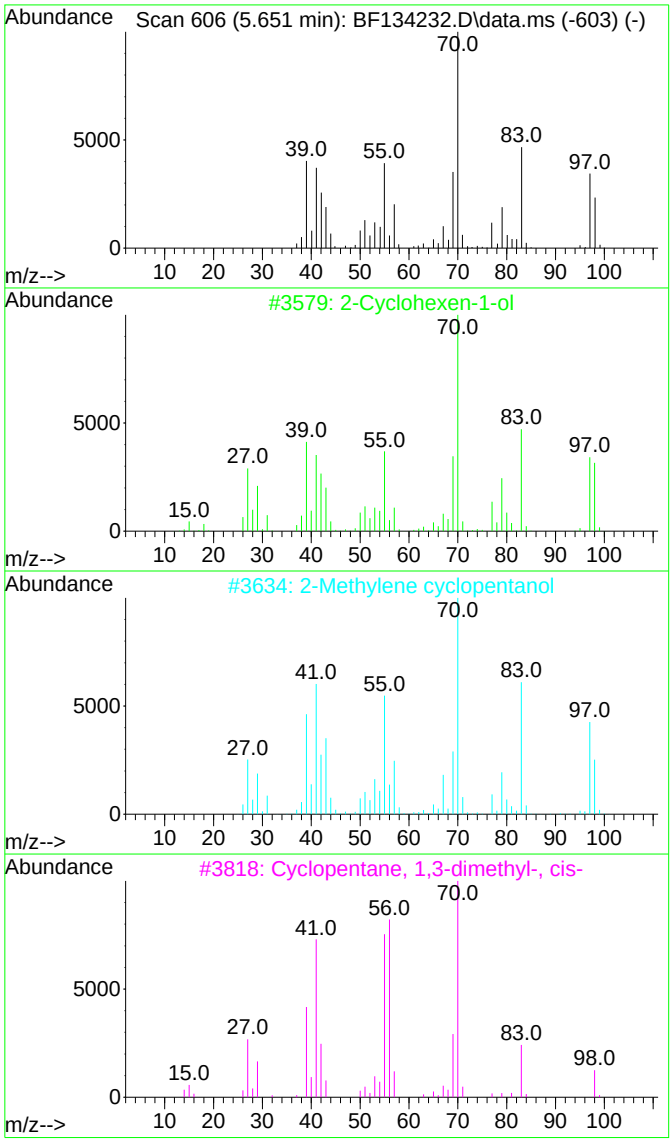
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

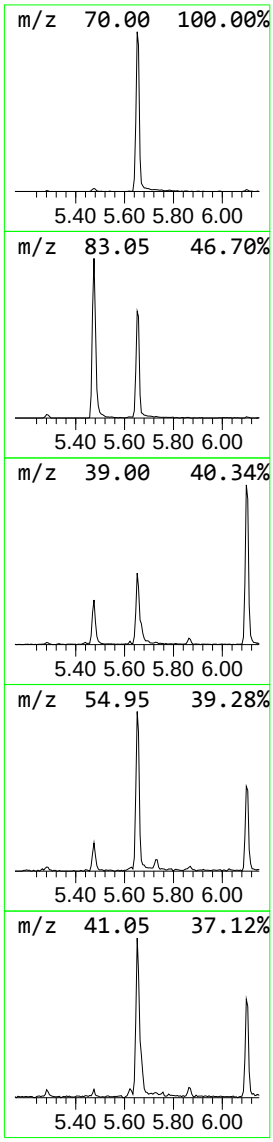
****

Peak Number 2 2-Cyclohexen-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.651	20.82 ng	586796	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	96
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	93
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	42
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	42
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
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Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

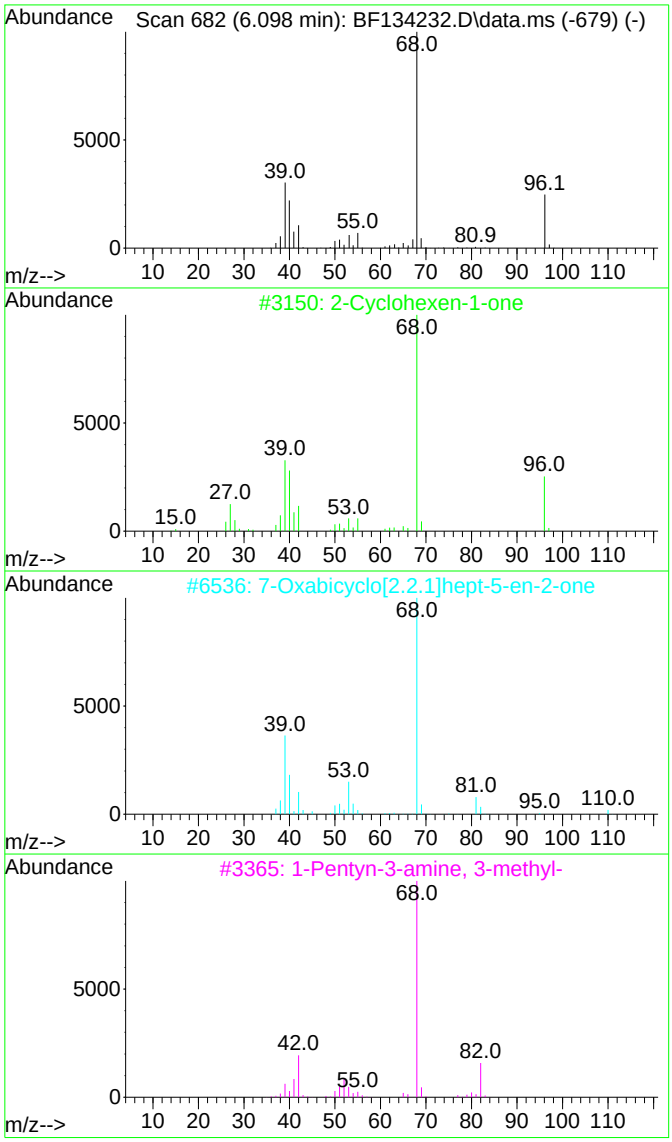
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

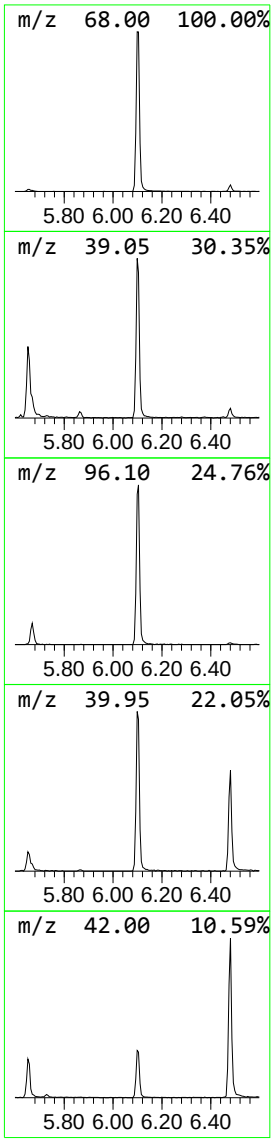
****

Peak Number 3 2-Cyclohexen-1-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.098	24.22 ng	682560	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	94
2	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	53
3	1-Pentyn-3-amine, 3-methyl-	97	C6H11N	018369-96-5	38
4	1,5-Cyclooctadien-4-one	122	C8H10O	001460-21-5	36
5	1H-Pyrazole	68	C3H4N2	000288-13-1	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

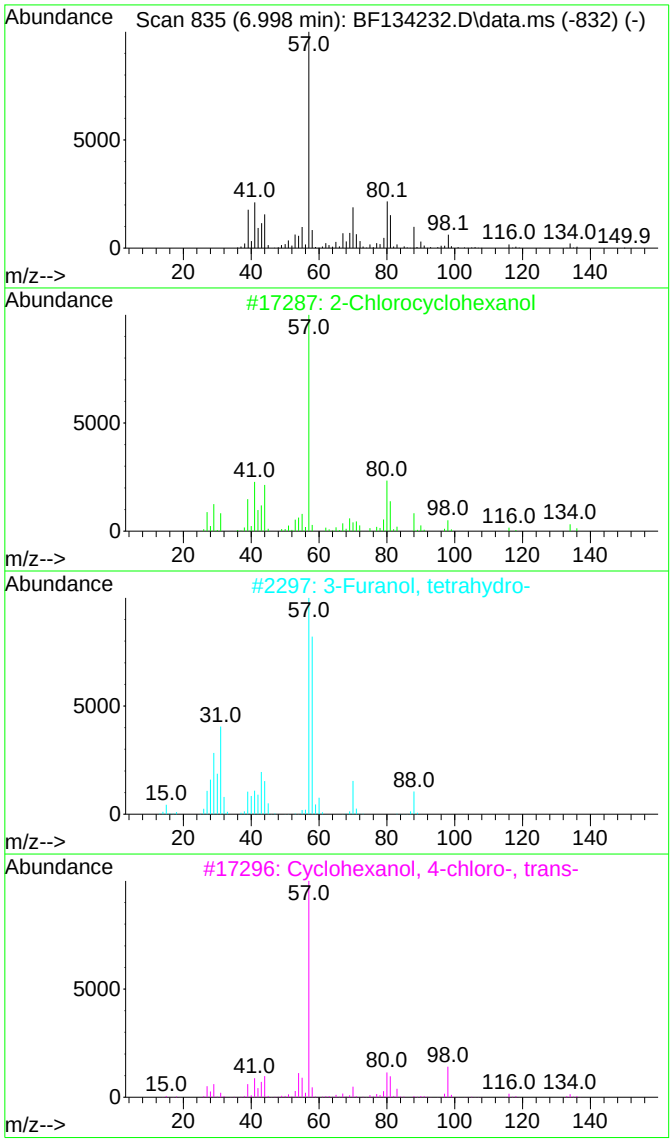
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

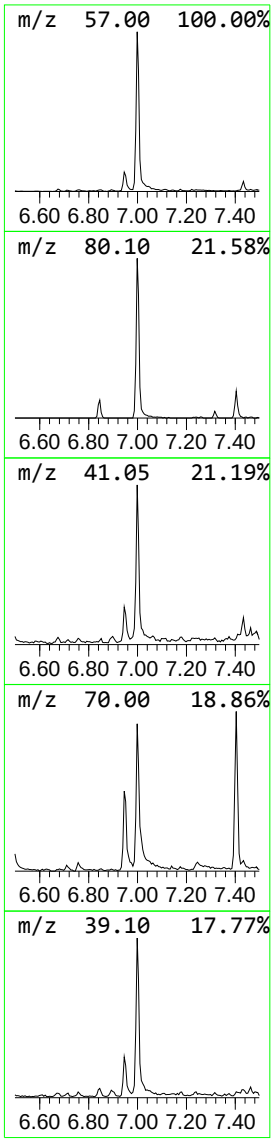
****

Peak Number 4 2-Chlorocyclohexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	21.41 ng	603485	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
2	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	38
3	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	37
4	(S)-(+)-3-Hydroxytetrahydrofuran	88	C4H8O2	086087-23-2	28
5	Cyclohexanol, 2-chloro-, trans-	134	C6H11ClO	006628-80-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

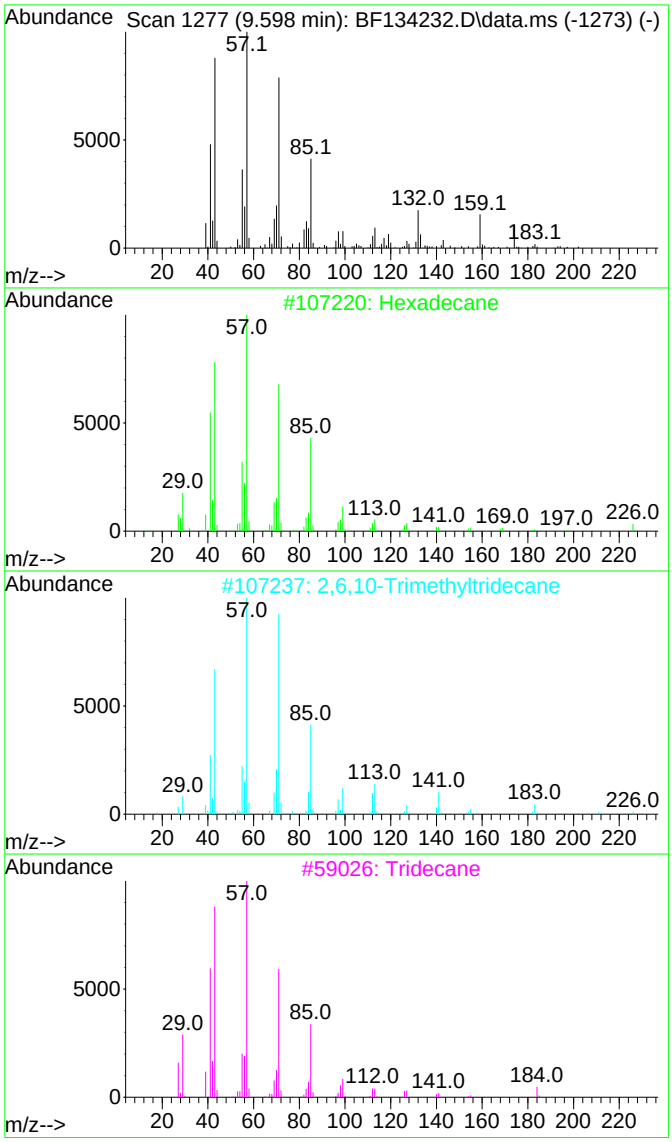
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

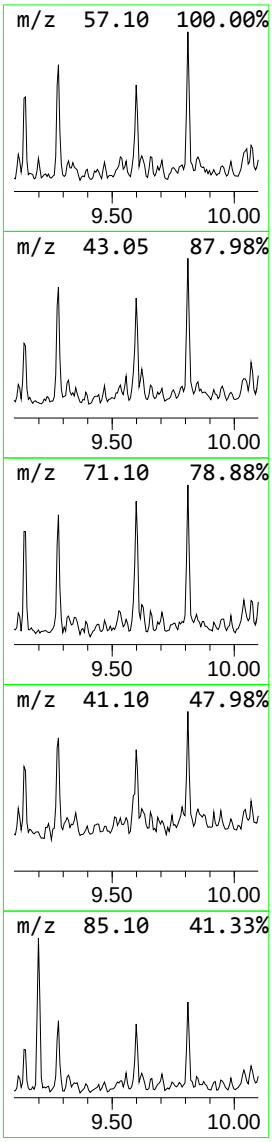
****

Peak Number 5 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	7.67 ng	218902	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Octane, 2-methyl-	128	C9H20	003221-61-2	76
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

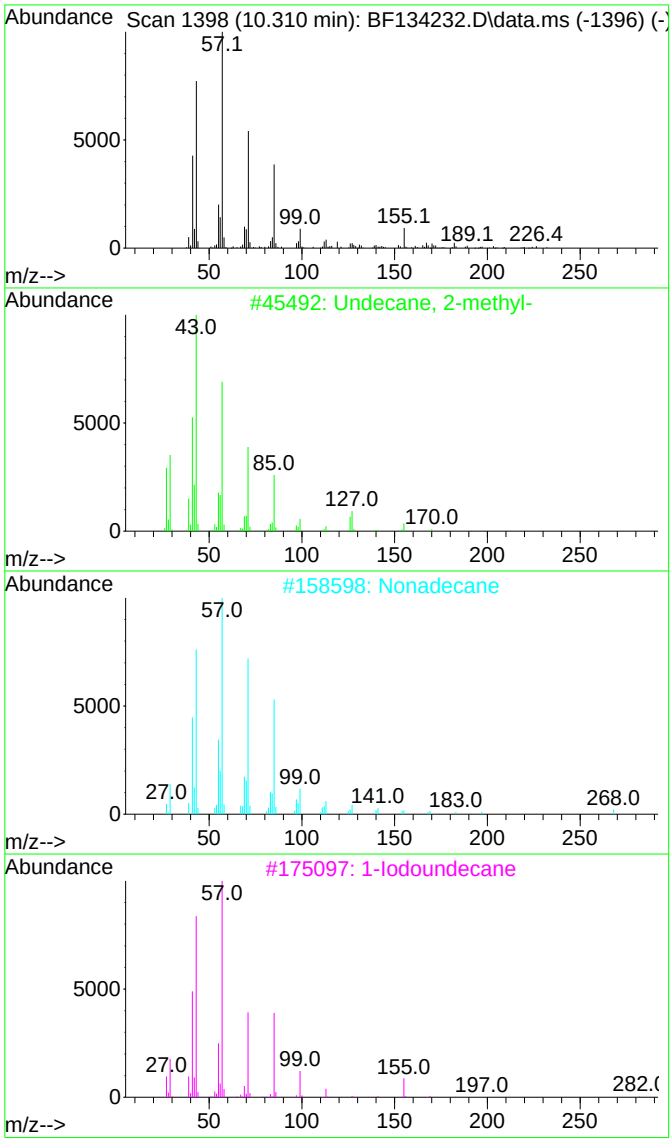
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

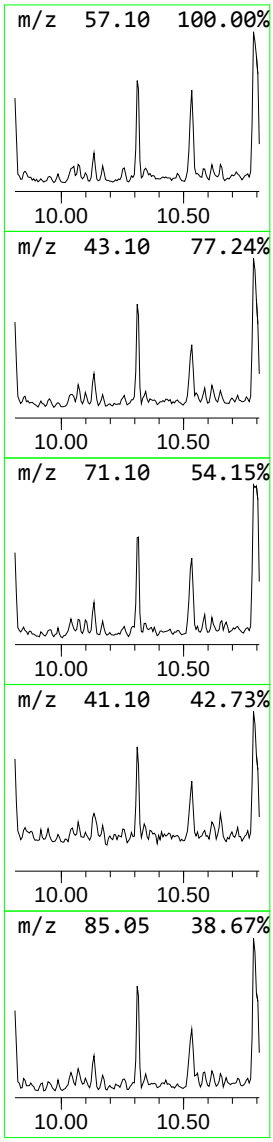
****

Peak Number 6 Undecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	7.74 ng	220893	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2	Nonadecane	268	C19H40	000629-92-5	72
3	1-Iodoundecane	282	C11H23I	004282-44-4	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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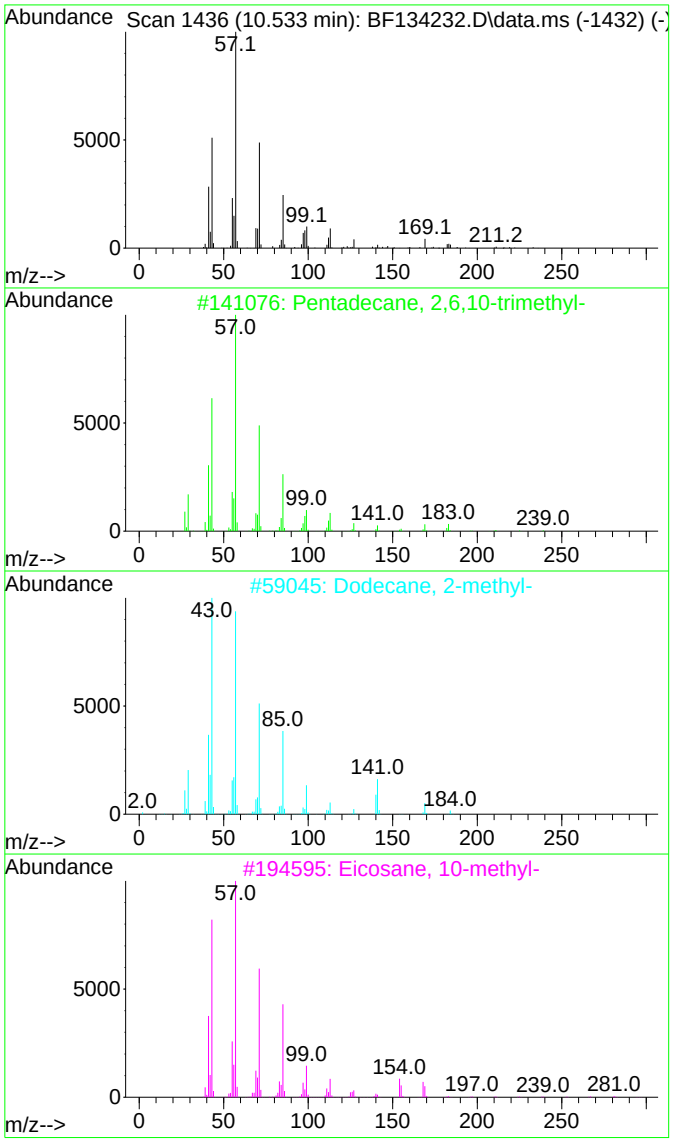
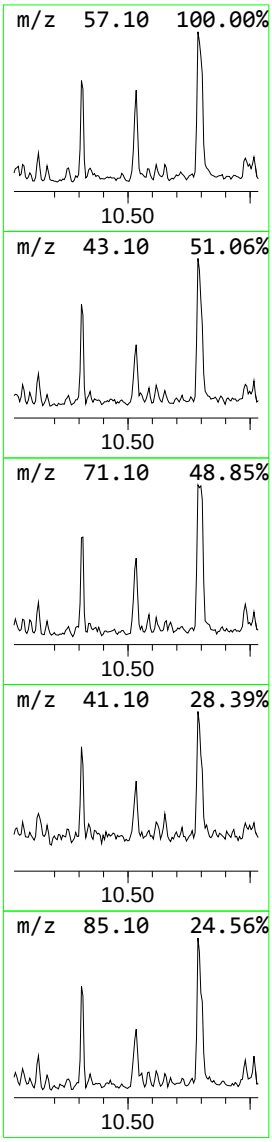
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	8.39 ng	239573	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Undecane	156	C11H24	001120-21-4	64
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64





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Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-071023

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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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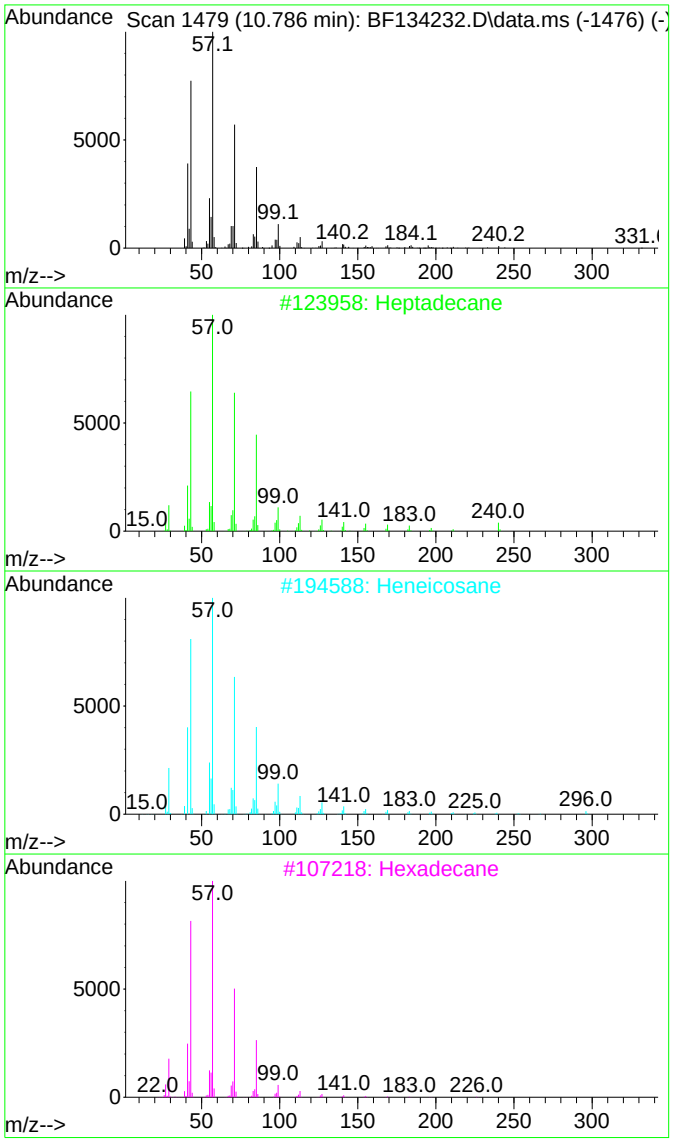
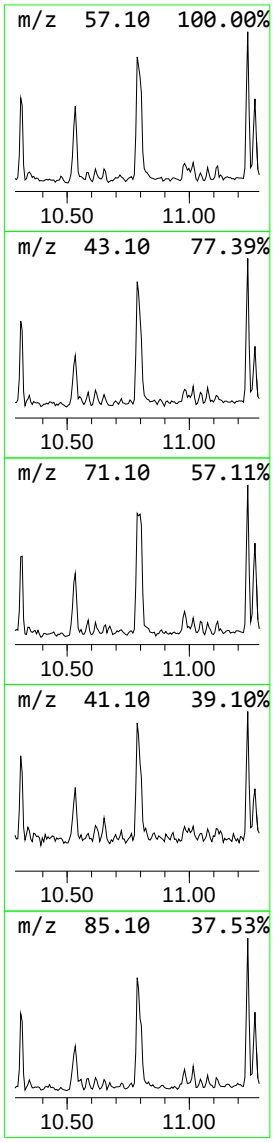
Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	18.51 ng	565313	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane	184	C13H28	000629-50-5	81





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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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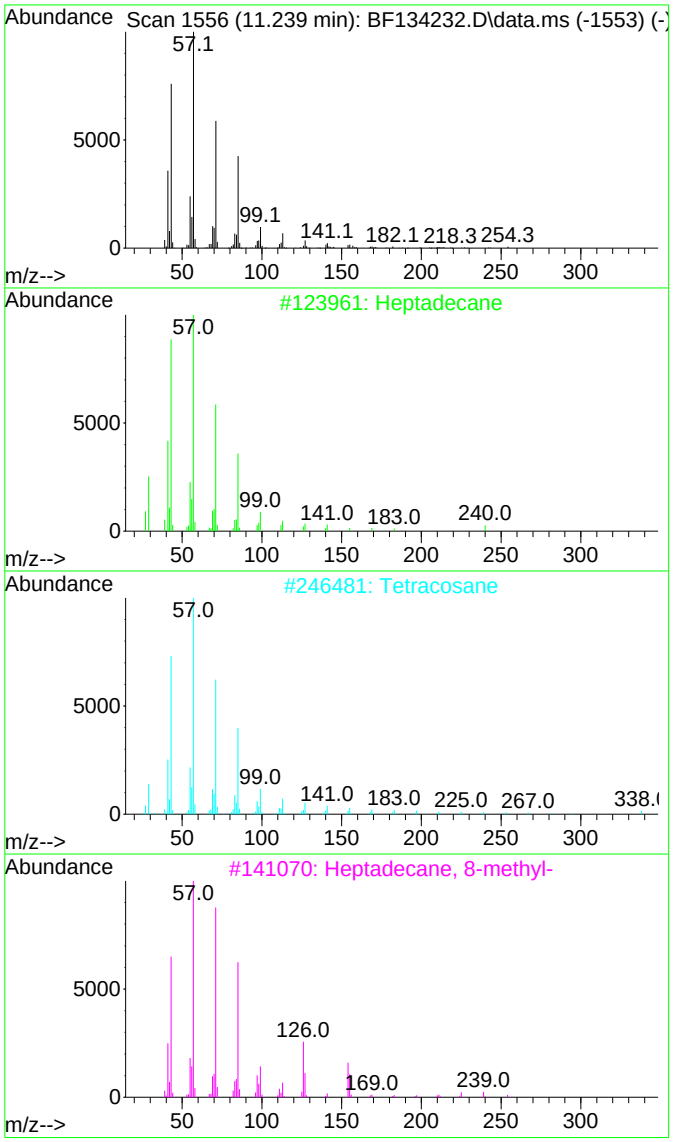
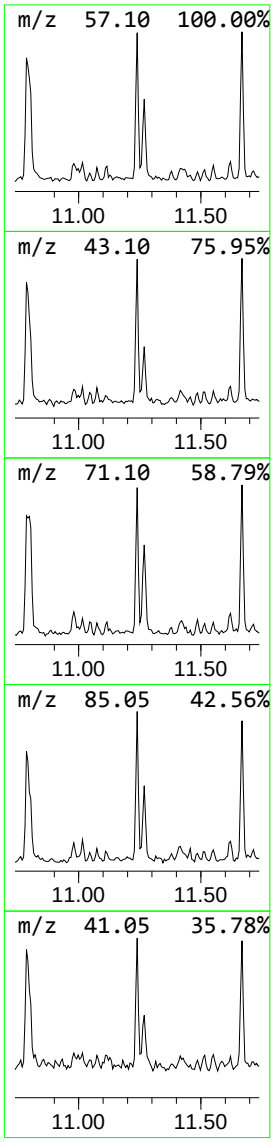
Peak Number 9 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	9.92 ng	303086	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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ALS Vial : 17 Sample Multiplier: 1

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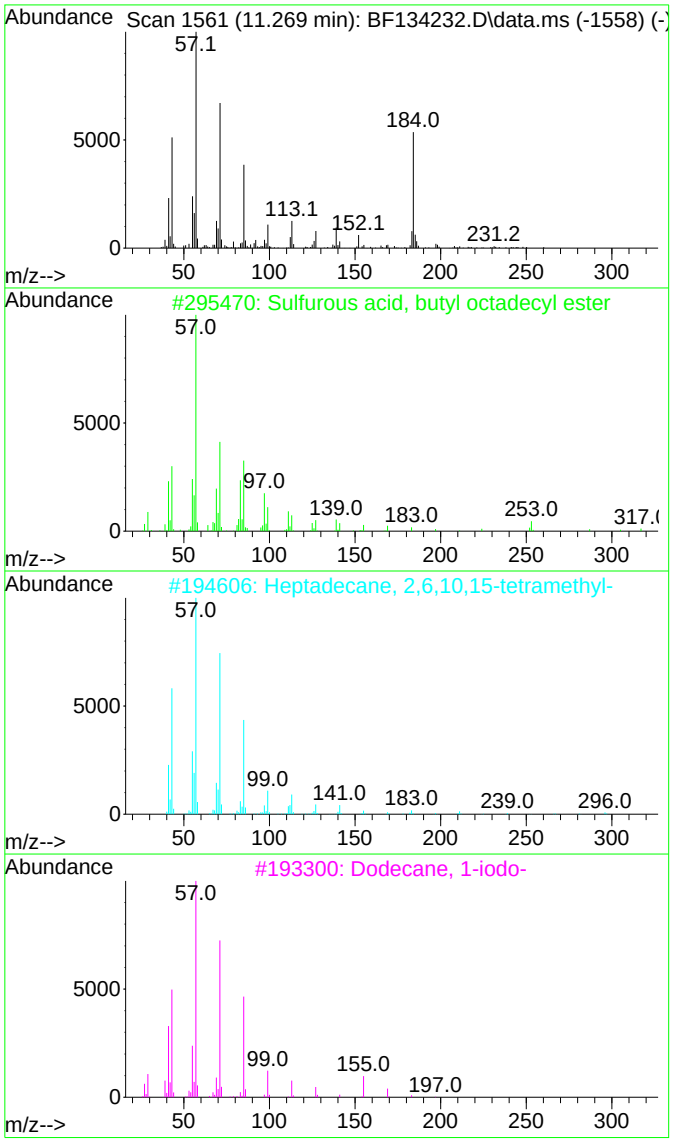
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

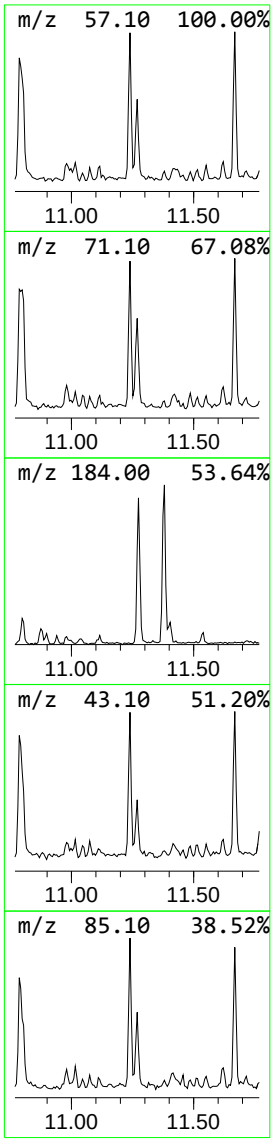
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Sulfurous acid, butyl octad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	10.48 ng	320244	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	53
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52
5	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	50





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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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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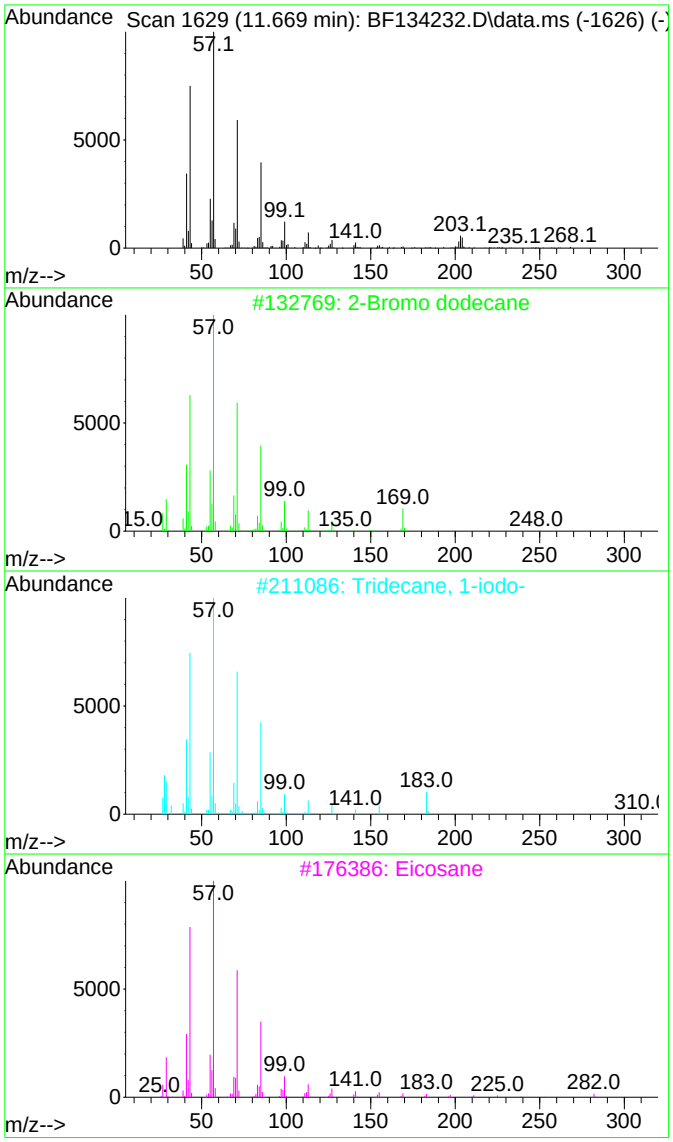
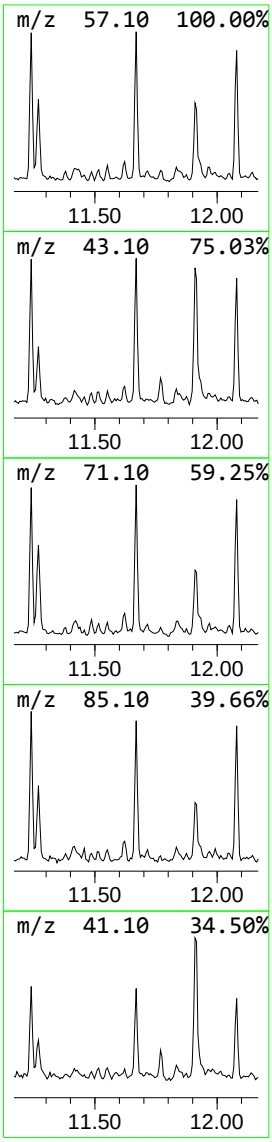
Peak Number 11 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	10.88 ng	332402	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





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ALS Vial : 17 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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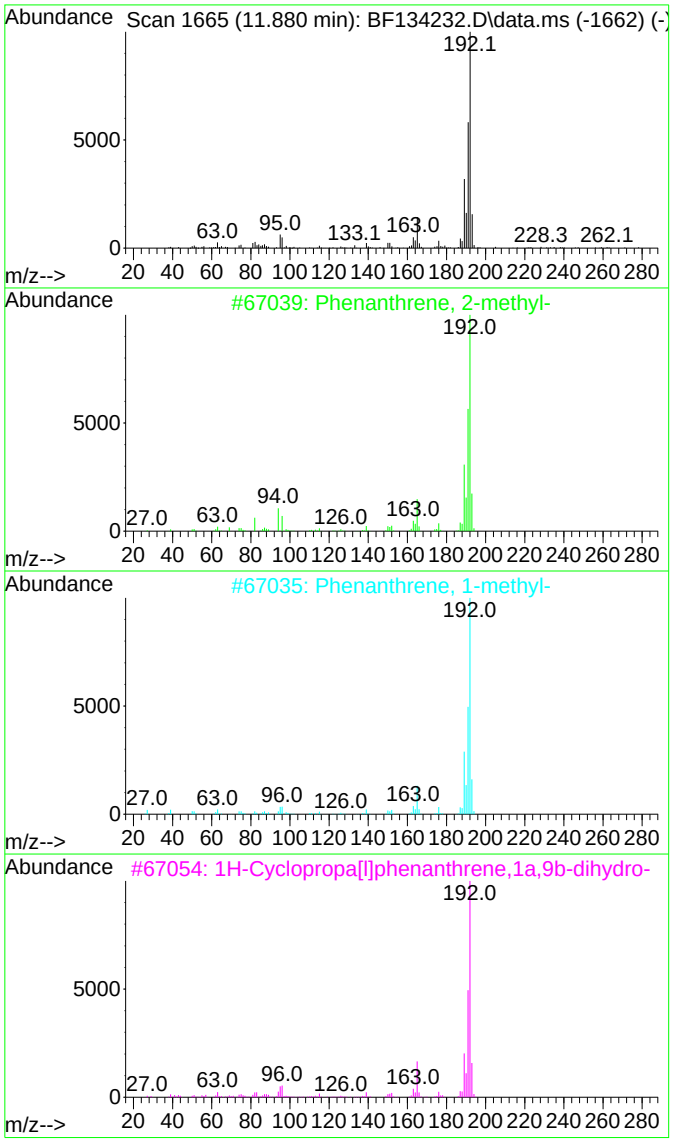
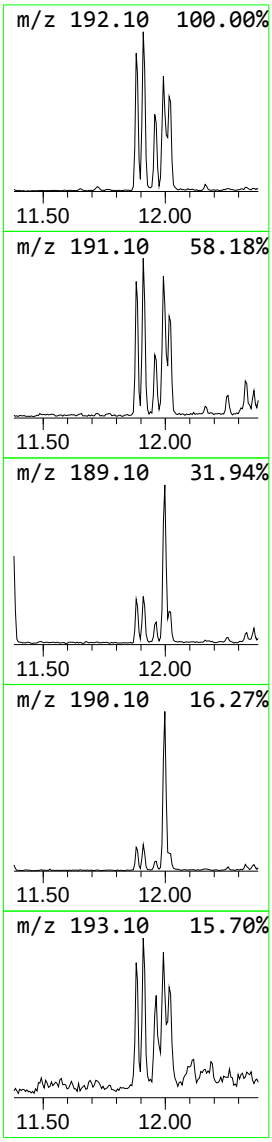
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	6.21 ng	189746	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 17 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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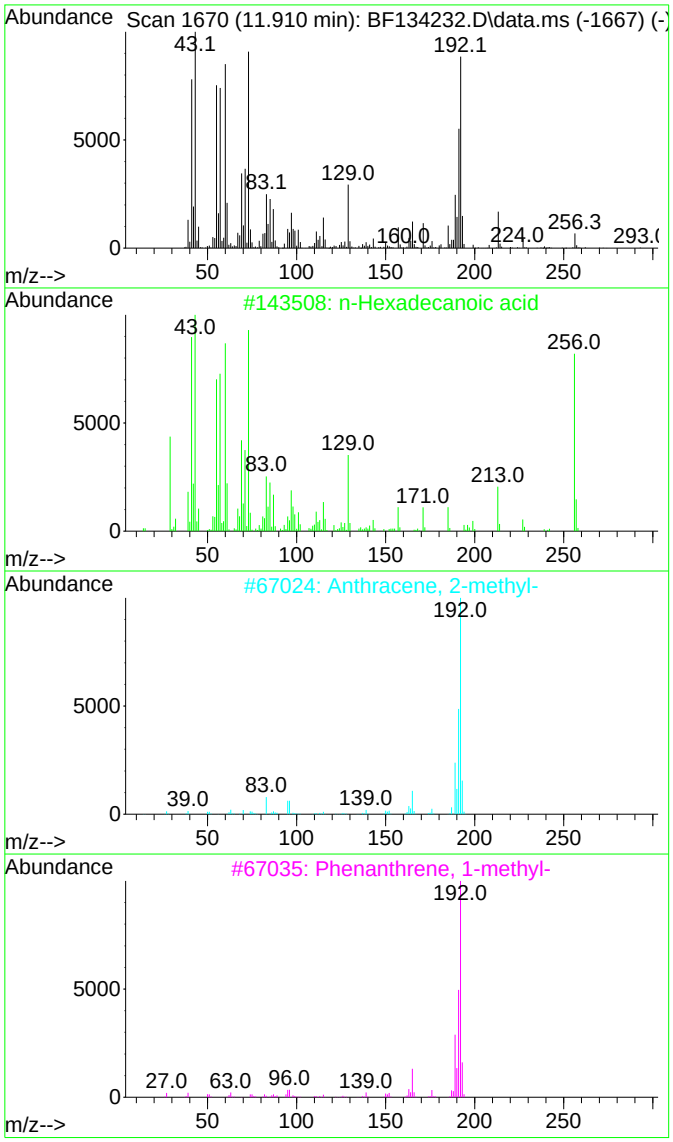
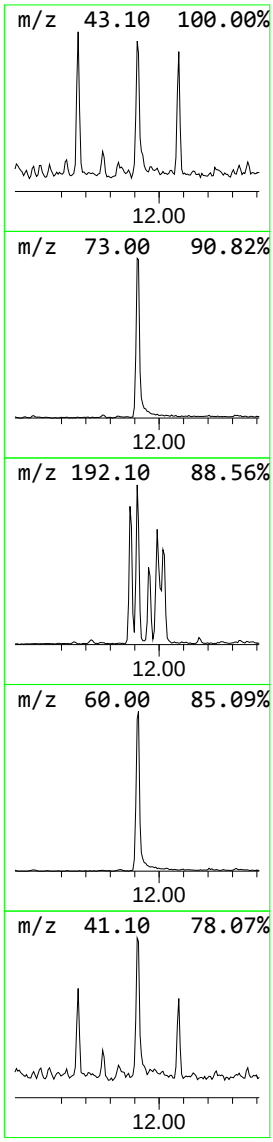
Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	30.71 ng	938189	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80





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Sample : 03570-01 2X
Misc :
ALS Vial : 17 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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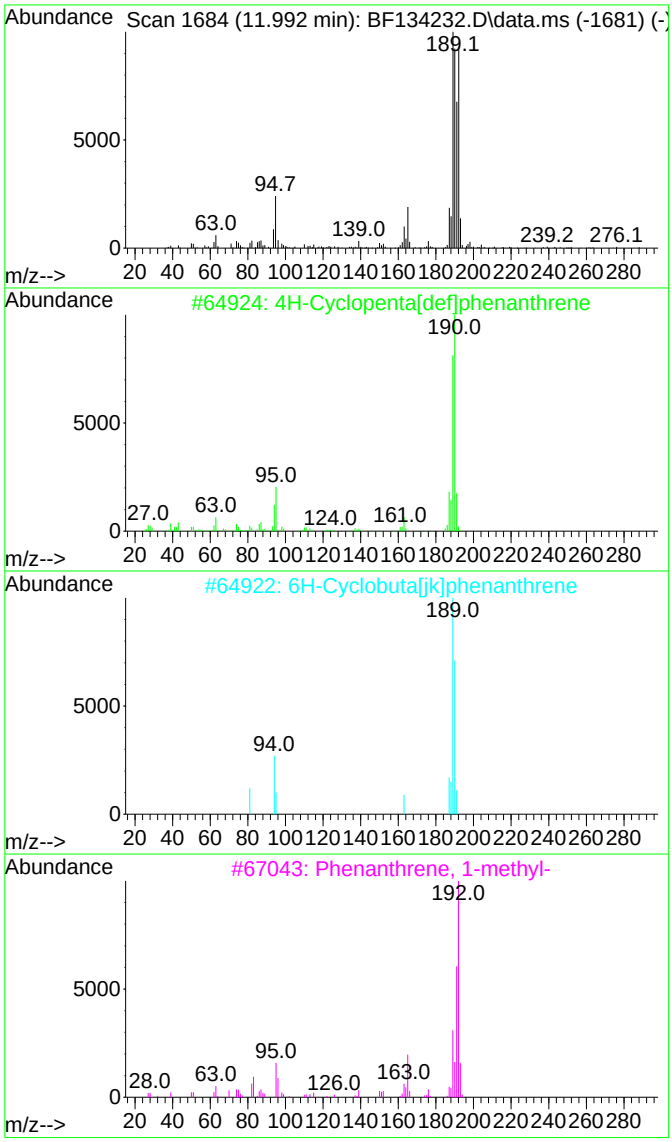
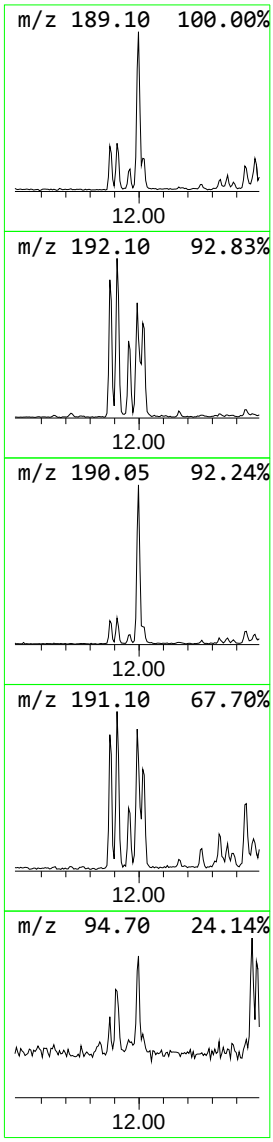
Peak Number 14 unknown11.992 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	12.24 ng	373862	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Misc :
ALS Vial : 17 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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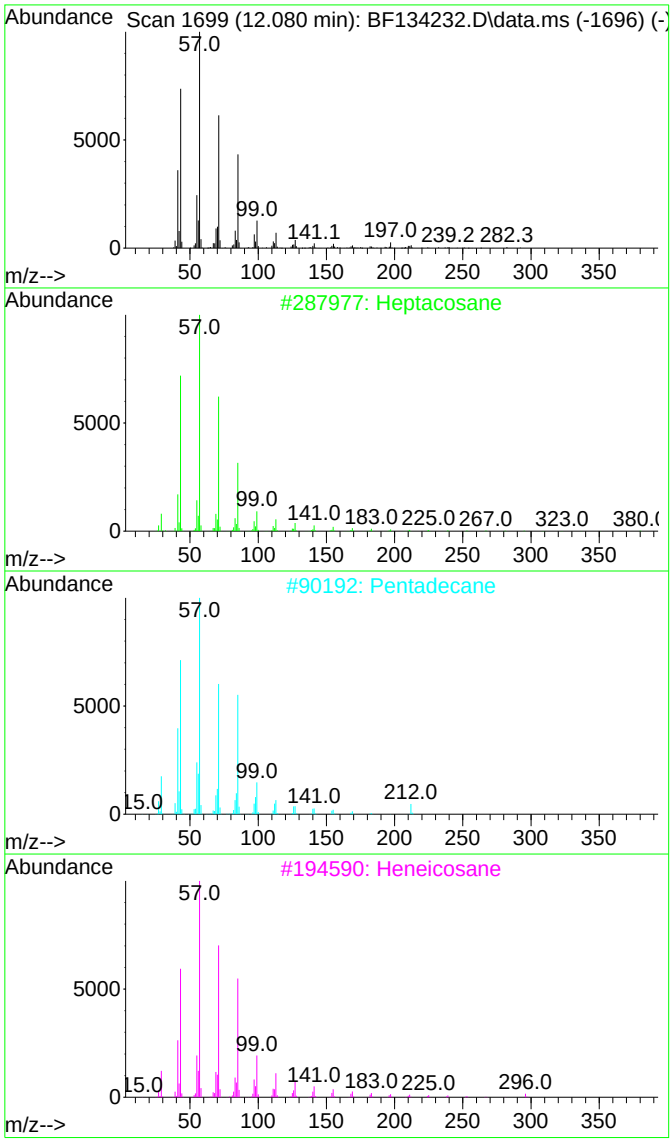
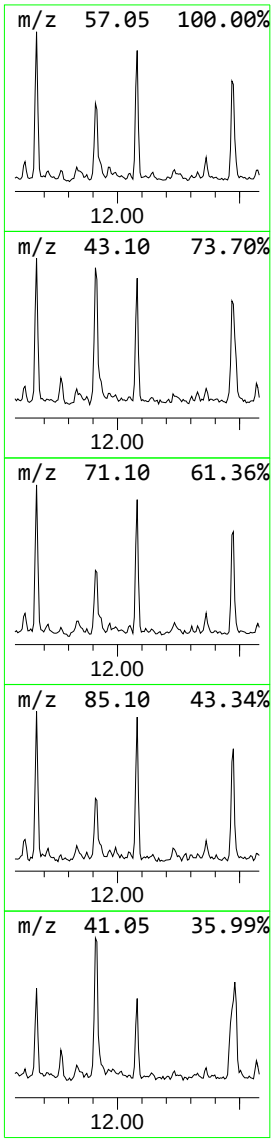
Peak Number 15 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	9.86 ng	301150	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	1-Iodoundecane	282	C11H23I	004282-44-4	87





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ALS Vial : 17 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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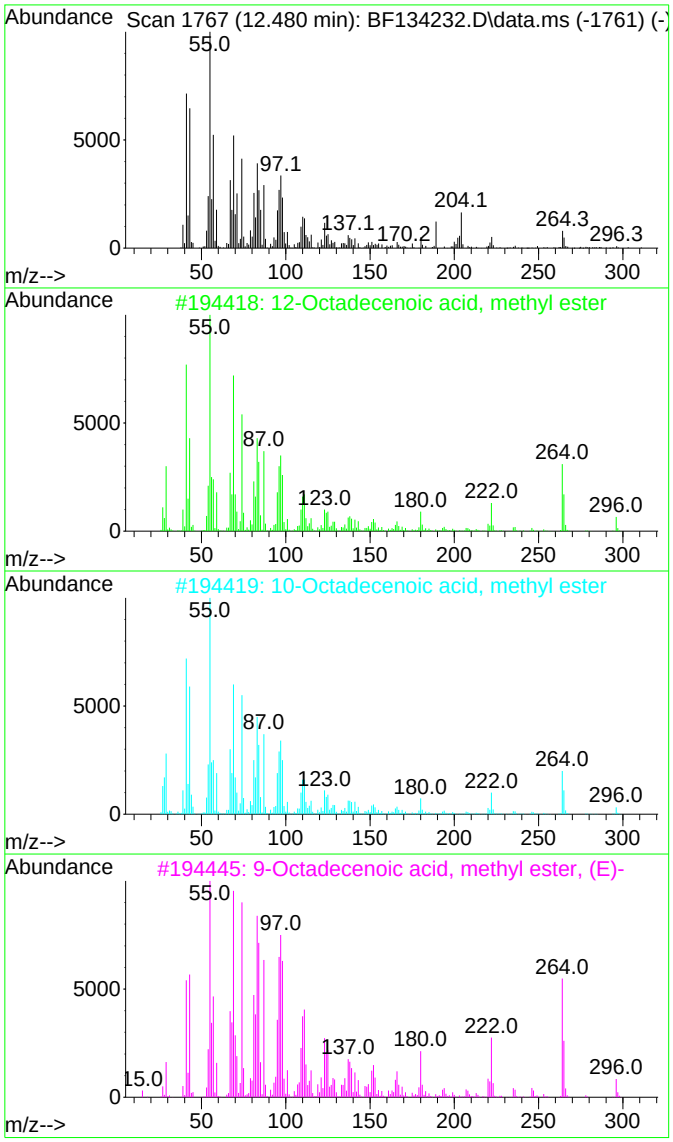
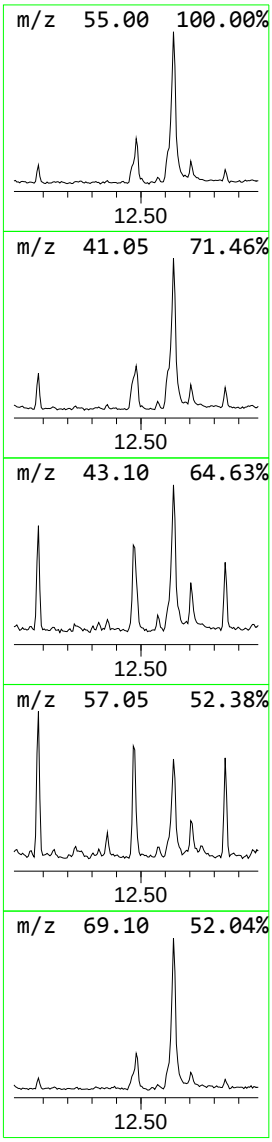
Peak Number 16 12-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	32.17 ng	982724	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	96





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ALS Vial : 17 Sample Multiplier: 1

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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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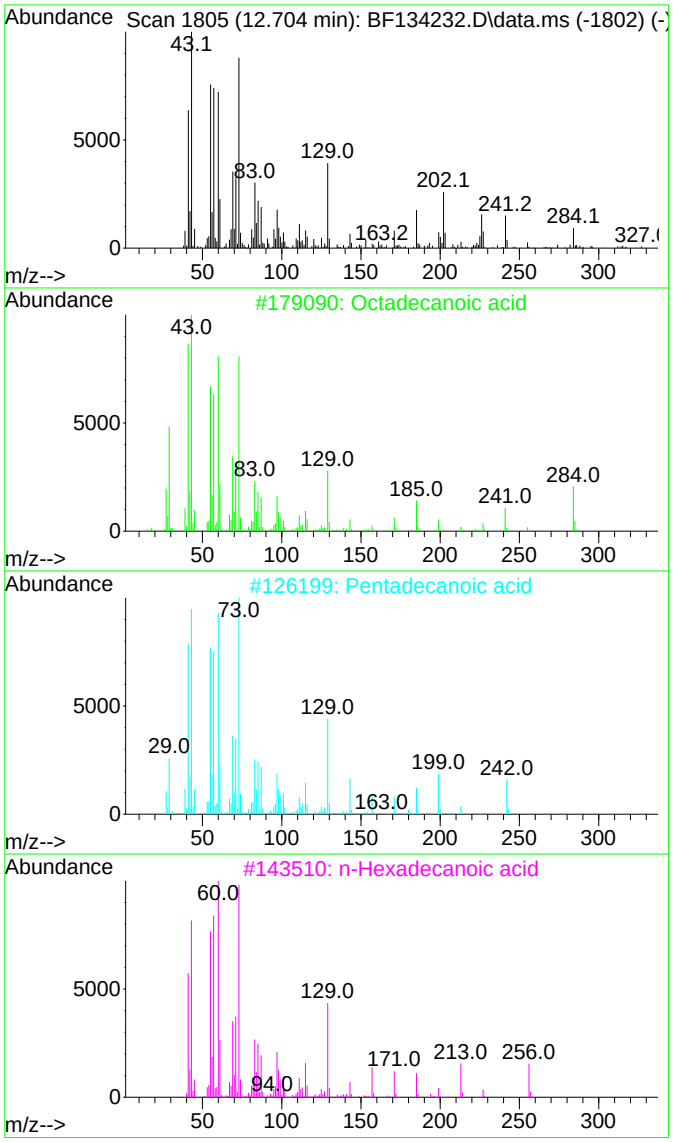
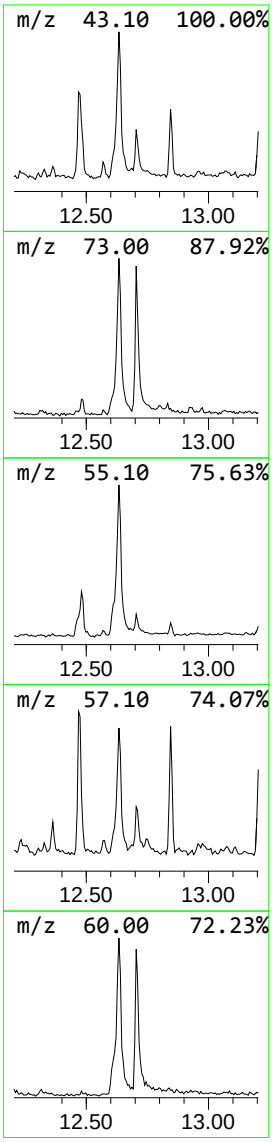
Peak Number 17 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	8.80 ng	268846	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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Misc :
ALS Vial : 17 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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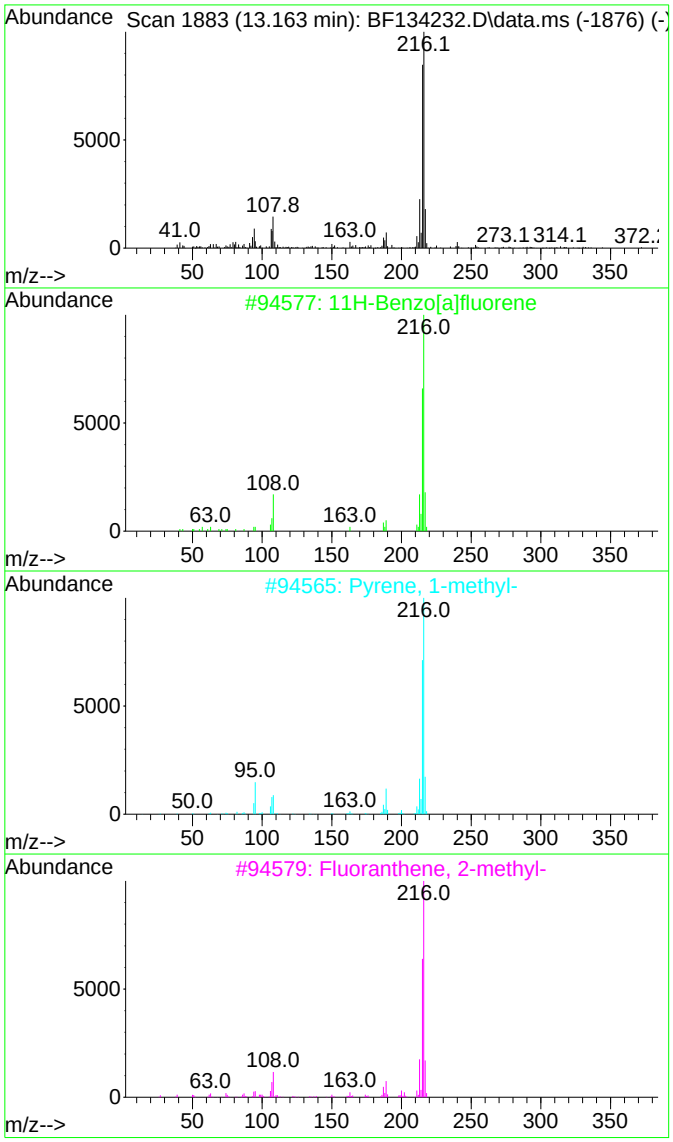
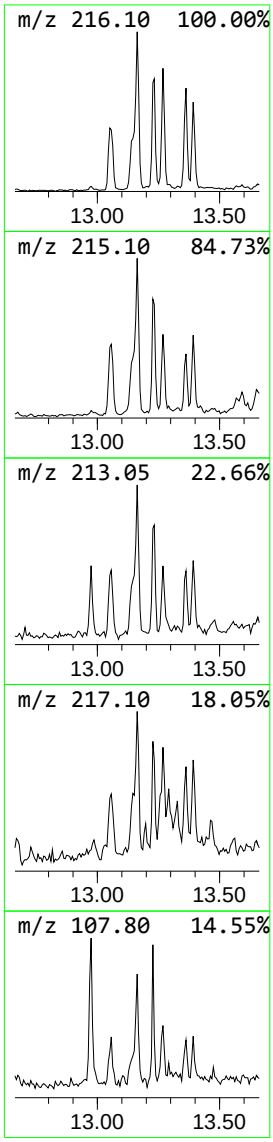
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	7.45 ng	319811	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

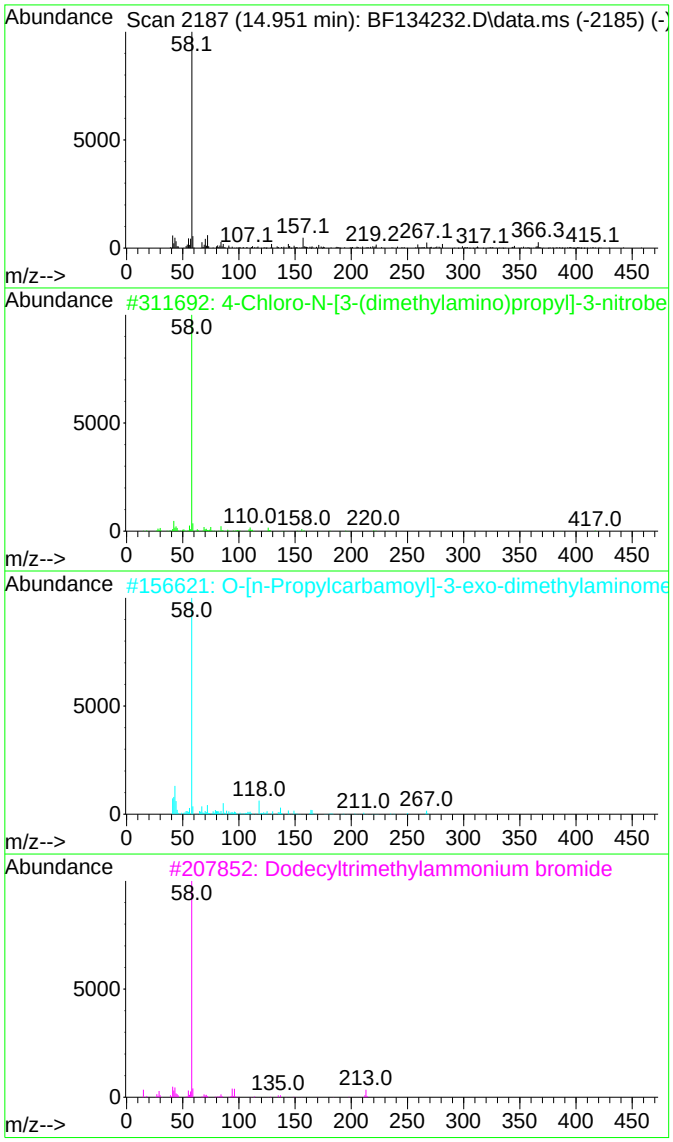
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

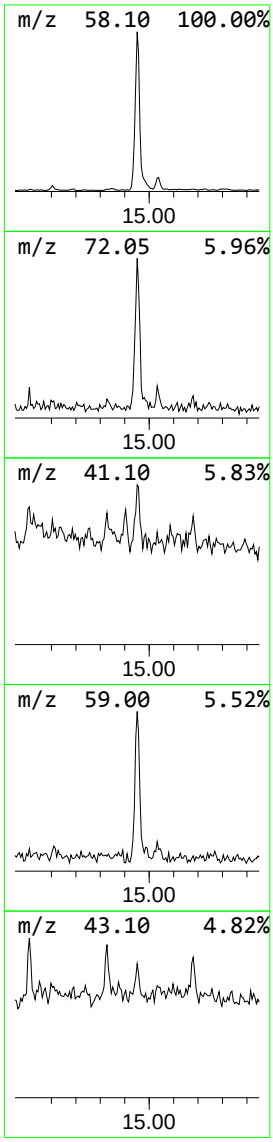
****

Peak Number 19 4-Chloro-N-[3-(dimethylamin... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	18.11 ng	229446	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-N-[3-(dimethylamino)pro...	417	C13H15ClF3N3O5S	1000507-87-7	64
2	O-[n-Propylcarbamoyl]-3-exo-dime...	267	C14H25N3O2	1000211-95-3	64
3	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	59
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	59
5	Dimethyl palmitamine	269	C18H39N	000112-69-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

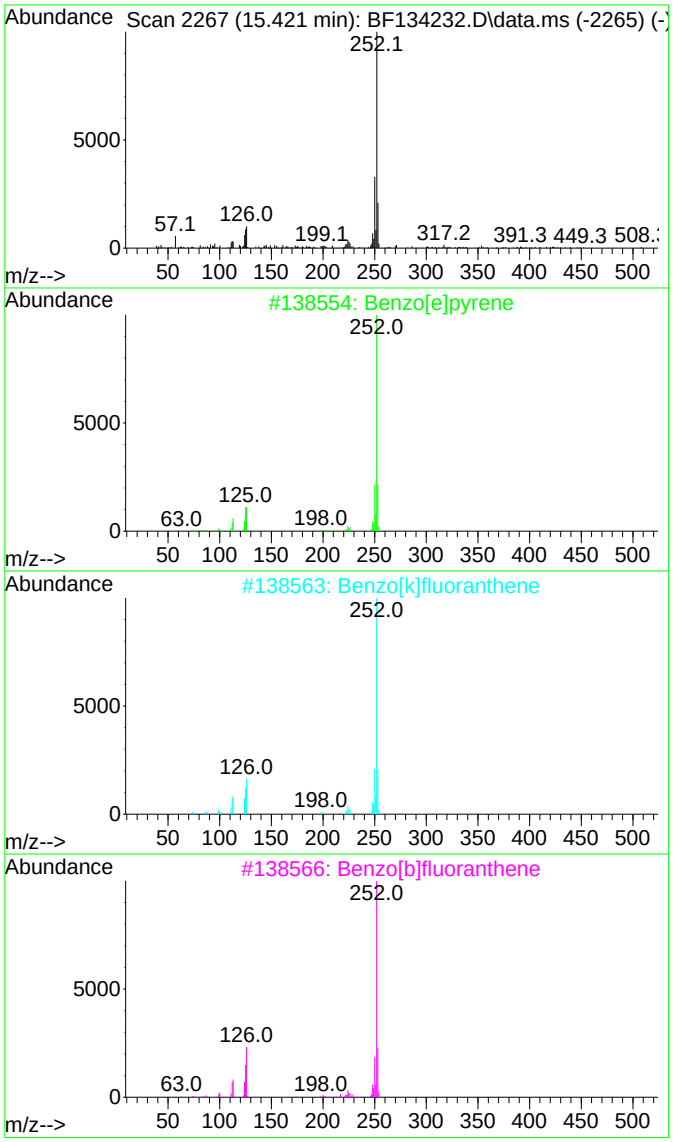
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

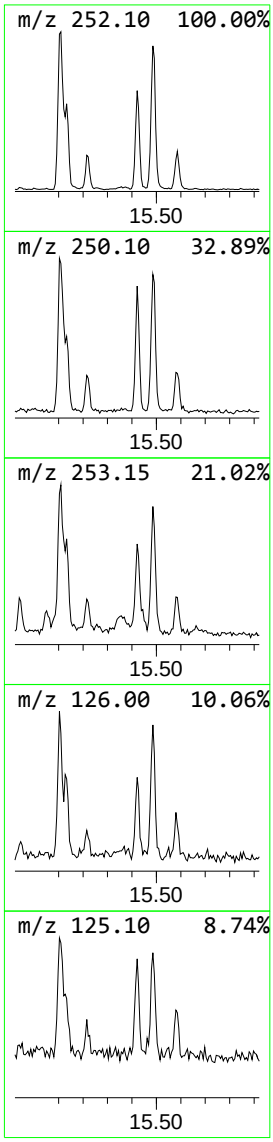
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	13.37 ng	169464	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134232.D
Acq On : 12 Jul 2023 01:45
Operator : CG\JU
Sample : 03570-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-071023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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-Cyclohexen-1-ol	5.651	20.8	ng	586796	1	6.845	563644	20.0
2-Cyclohexen-1-one	6.098	24.2	ng	682560	1	6.845	563644	20.0
2-Chlorocyclohe...	6.998	21.4	ng	603485	1	6.845	563644	20.0
Hexadecane	9.598	7.7	ng	218902	3	9.880	570973	20.0
Undecane, 2-met...	10.310	7.7	ng	220893	3	9.880	570973	20.0
Pentadecane, 2,...	10.533	8.4	ng	239573	3	9.880	570973	20.0
Heptadecane	10.786	18.5	ng	565313	4	11.380	610953	20.0
Tetracosane	11.239	9.9	ng	303086	4	11.380	610953	20.0
Sulfurous acid,...	11.269	10.5	ng	320244	4	11.380	610953	20.0
2-Bromo dodecane	11.669	10.9	ng	332402	4	11.380	610953	20.0
Phenanthrene, 2...	11.880	6.2	ng	189746	4	11.380	610953	20.0
n-Hexadecanoic ...	11.910	30.7	ng	938189	4	11.380	610953	20.0
unknown11.992	11.992	12.2	ng	373862	4	11.380	610953	20.0
Heptacosane	12.080	9.9	ng	301150	4	11.380	610953	20.0
12-Octadecenoic...	12.480	32.2	ng	982724	4	11.380	610953	20.0
Octadecanoic acid	12.704	8.8	ng	268846	4	11.380	610953	20.0
11H-Benzo[a]flu...	13.163	7.5	ng	319811	5	14.045	858320	20.0
4-Chloro-N-[3-(...	14.951	18.1	ng	229446	6	15.551	253416	20.0
Benzo[e]pyrene	15.421	13.4	ng	169464	6	15.551	253416	20.0