LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.751	467	470	480	rBV	74162	85237	8.03%	0.528%
2	5.198	542	546	559	rVB	1069689	1019585	96.11%	6.319%
3	6.245	720	724	733	rBV	1180932	1060880	100.00%	6.575%
4	6.369	741	745	748	rBV	1135327	959178	90.41%	5.945%
5	6.598	780	784	788	rBV	836951	655961	61.83%	4.066%
6	6.751	807	810	814	rBV	772834	699045	65.89%	4.333%
7	7.157	875	879	883	rBV	681299	593606	55.95%	3.679%
8	7.216	886	889	892	rVB	28299	21353	2.01%	0.132%
9	7.281	898	900	903	rVB	18838	16515	1.56%	0.102%
10	7.404	919	921	926	rVB5	9596	14483	1.37%	0.090%
11	7.881	998	1002	1009	rBV	1059913	865077	81.54%	5.362%
12	8.322	1073	1077	1081	rBV	28803	32737	3.09%	0.203%
13	8.492	1102	1106	1111	rBV	52914	48284	4.55%	0.299%
14	8.592	1119	1123	1126	rVB2	30333	31864	3.00%	0.197%
15	8.692	1136	1140	1145	rBV2	27008	35347	3.33%	0.219%
16	8.922	1177	1179	1181	rVB2	27507	20679	1.95%	0.128%
17	8.957	1181	1185	1188	rBV	1114039	858904	80.96%	5.323%
18	9.057	1197	1202	1207	rVB	67342	63455	5.98%	0.393%
19	9.216	1225	1229	1233	rBV2	28327	37385	3.52%	0.232%
20	9.292	1237	1242	1244	rBV	36622	42481	4.00%	0.263%
21	9.316	1244	1246	1249	rVB	20446	17482	1.65%	0.108%
22	9.351	1249	1252	1255	rBV	215508	181295	17.09%	1.124%
23	9.486	1272	1275	1278	rBV	32764	35477	3.34%	0.220%
24	9.545	1282	1285	1288	rVV2	16618	20953	1.98%	0.130%
25	9.581	1288	1291	1294	rVV	88324	65798	6.20%	0.408%
26	9.628	1294	1299	1303	rVV	845704	761290	71.76%	4.718%
27	9.657	1303	1304	1309	rVB2	31086	29290	2.76%	0.182%
28	9.739	1314	1318	1322	rVB5	15826	20349	1.92%	0.126%
29	9.833	1328	1334	1338	rBV3	39250	52569	4.96%	0.326%
30	9.875	1338	1341	1343	rBV2	23060	21287	2.01%	0.132%
31	9.904	1343	1346	1350	rVB	28914	24751	2.33%	0.153%
32	9.945	1350	1353	1355	rBV3	21802	26317	2.48%	0.163%
33	10.051	1365	1371	1373	rBV3	27655	41188	3.88%	0.255%
34	10.081	1373	1376	1379	rVB	88996	72641	6.85%	0.450%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.175	1389	1392	1394	rBV	61657	51190	4.83%	0.317%
36	10.239	1400	1403	1405	rVB3	16532	15706	1.48%	0.097%
37	10.298	1409	1413	1416	rVV	58650	70655	6.66%	0.438%
38	10.351	1420	1422	1424	rVB2	18573	15140	1.43%	0.094%
39	10.381	1424	1427	1429	rBV2	25542	27038	2.55%	0.168%
40	10.410	1429	1432	1437	rVV	541619	487791	45.98%	3.023%
41	10.451	1437	1439	1445	rVB6	12758	20213	1.91%	0.125%
42	10.551	1452	1456	1462	rBV2	103656	166649	15.71%	1.033%
43	10.722	1481	1485	1487	rBV3	19001	19924	1.88%	0.123%
44	10.745	1487	1489	1493	rVV4	27854	25855	2.44%	0.160%
45	10.804	1496	1499	1502	rBV5	21225	19715	1.86%	0.122%
46	10.833	1502	1504	1507	rBV3	16667	23991	2.26%	0.149%
47	10.998	1528	1532	1535	rBV2	130291	128127	12.08%	0.794%
48	11.028	1535	1537	1541	rVB	71234	62543	5.90%	0.388%
49	11.104	1546	1550	1552	rBV	725100	608785	57.38%	3.773%
50	11.128	1552	1554	1558	rVB	403157	304129	28.67%	1.885%
51	11.180	1559	1563	1566	rVB	109073	103146	9.72%	0.639%
52	11.216	1566	1569	1572	rBV4	21182	27498	2.59%	0.170%
53	11.422	1601	1604	1609	rVB2	92100	100593	9.48%	0.623%
54	11.516	1617	1620	1623	rBV	60253	64893	6.12%	0.402%
55	11.604	1632	1635	1638	rBV2	90089	87121	8.21%	0.540%
56	11.633	1638	1640	1643	rVB	87079	70102	6.61%	0.434%
57	11.680	1645	1648	1651	rBV	45690	37390	3.52%	0.232%
58	11.716	1651	1654	1656	rBV	120068	129222	12.18%	0.801%
59	11.739	1656	1658	1660	rVB	46277	37134	3.50%	0.230%
60	11.827	1670	1673	1678	rVB2	85566	100598	9.48%	0.623%
61	11.898	1683	1685	1687	rVV	40188	33219	3.13%	0.206%
62	11.922	1687	1689	1696	rVB3	49429	72526	6.84%	0.450%
63	11.980	1696	1699	1700	rBV3	26296	29386	2.77%	0.182%
64	12.027	1705	1707	1709	rBV2	38397	33971	3.20%	0.211%
65	12.080	1713	1716	1718	rBV	39751	40962	3.86%	0.254%
66	12.104	1718	1720	1723	rVB3	46047	37828	3.57%	0.234%
67	12.151	1725	1728	1731	rBV	82877	95431	9.00%	0.591%
68	12.192	1733	1735	1737	rVV2	36255	38138	3.59%	0.236%
69	12.216	1737	1739	1742	rVB3	139812	116503	10.98%	0.722%
70	12.310	1752	1755	1759	rBV	513899	452039	42.61%	2.802%
71	12.404	1769	1771	1772	rBV	36661	27759	2.62%	0.172%

LSC Area Percent Report

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Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.533	1789	1793	1797	rBV	376700	421550	39.74%	2.613%
73	12.586	1799	1802	1804	rBV	127090	102924	9.70%	0.638%
74	12.657	1812	1814	1816	rBV2	79020	67667	6.38%	0.419%
75	12.686	1816	1819	1822	rBV	717075	642628	60.57%	3.983%
76	12.869	1848	1850	1854	rVB	110061	97073	9.15%	0.602%
77	12.939	1859	1862	1865	rVB2	166426	155773	14.68%	0.965%
78	12.974	1865	1868	1873	rBV5	60586	100458	9.47%	0.623%
79	13.280	1917	1920	1923	rBV	202667	182449	17.20%	1.131%
80	13.610	1973	1976	1980	rVB	231689	241760	22.79%	1.498%
81	13.733	1992	1997	2000	rBV2	610523	776565	73.20%	4.813%
82	13.921	2027	2029	2032	rVB	253984	236195	22.26%	1.464%
83	14.227	2079	2081	2084	rBV	258699	223065	21.03%	1.383%
84	14.527	2129	2132	2134	rBV2	356734	377756	35.61%	2.341%
85	15.115	2230	2232	2234	rBV	233214	193208	18.21%	1.197%

Sum of corrected areas: 16134724

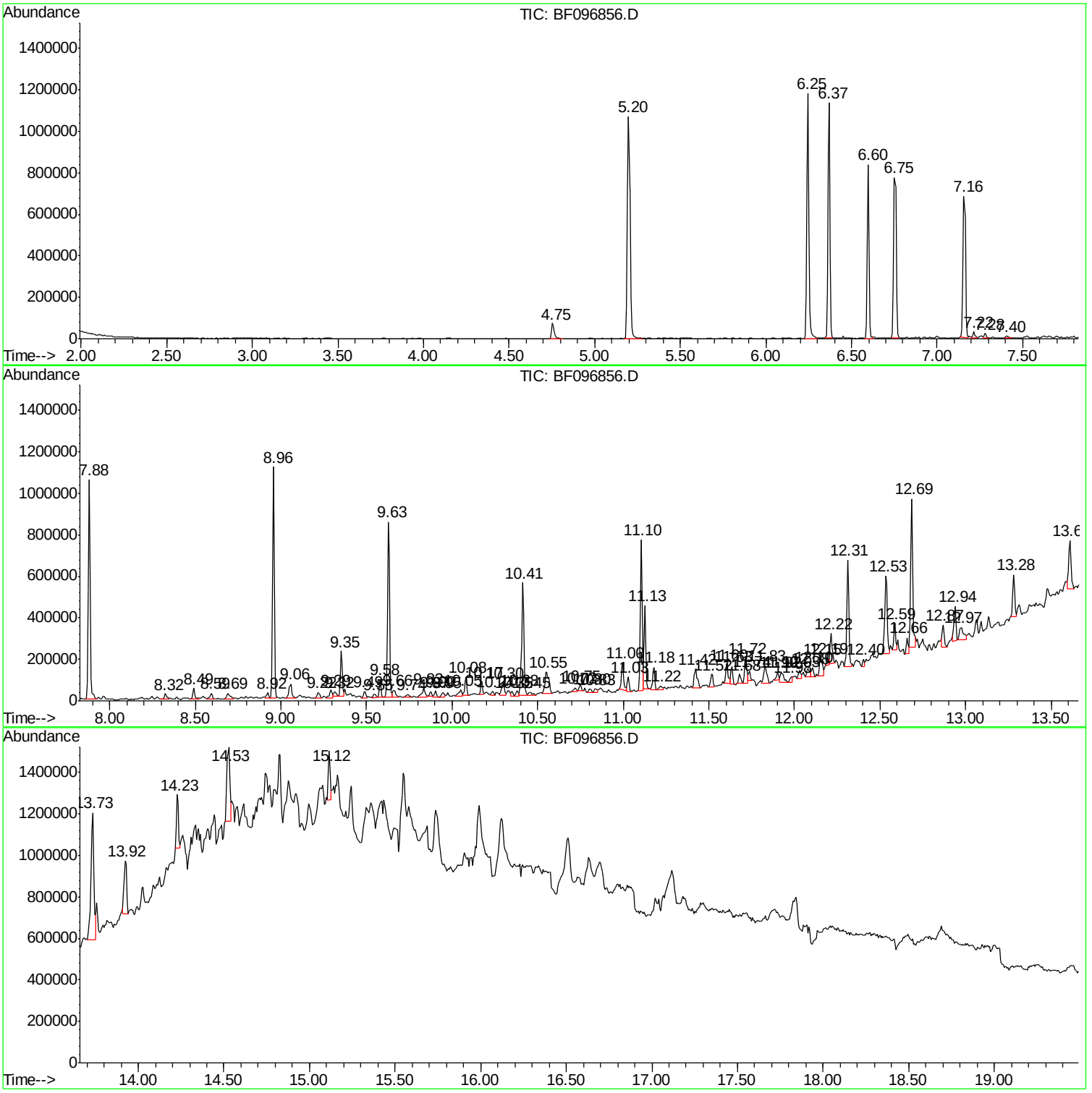
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

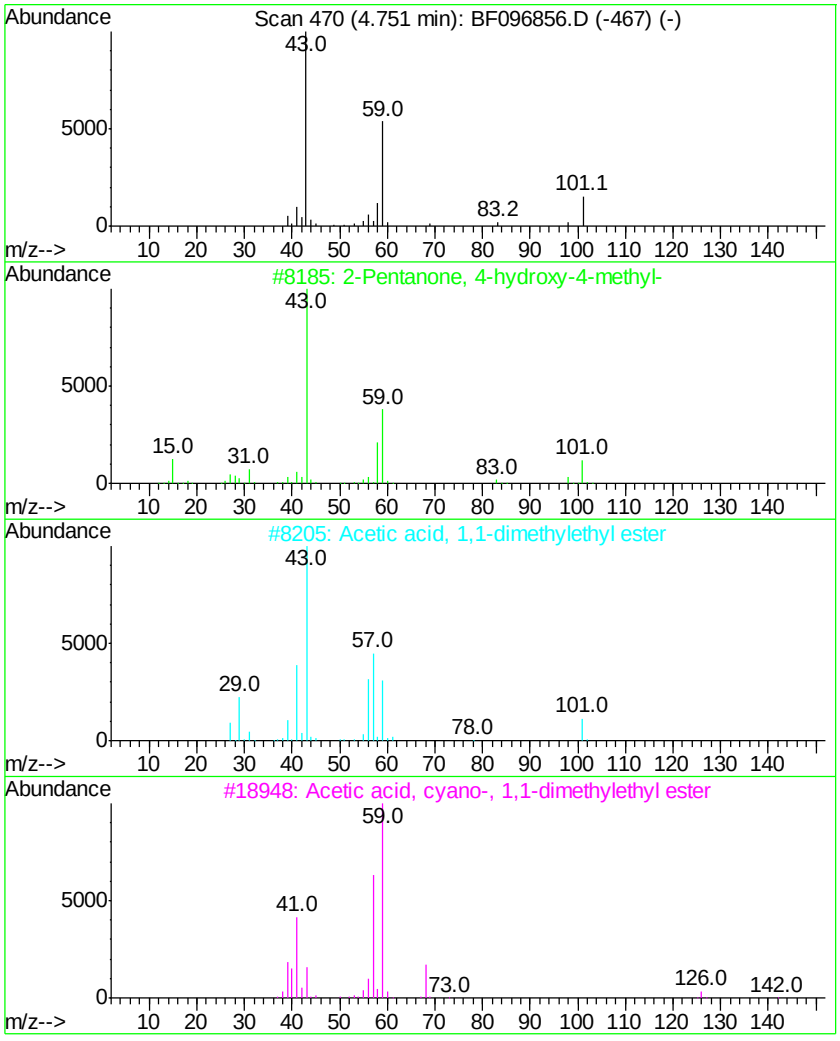
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

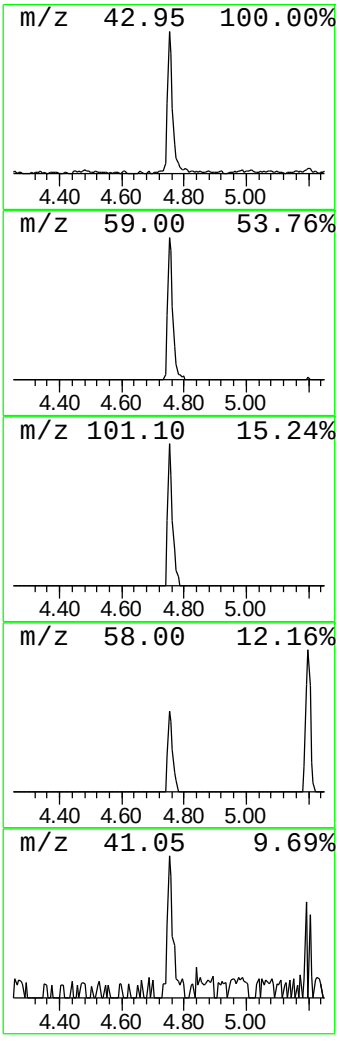
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.60 ng	85237	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

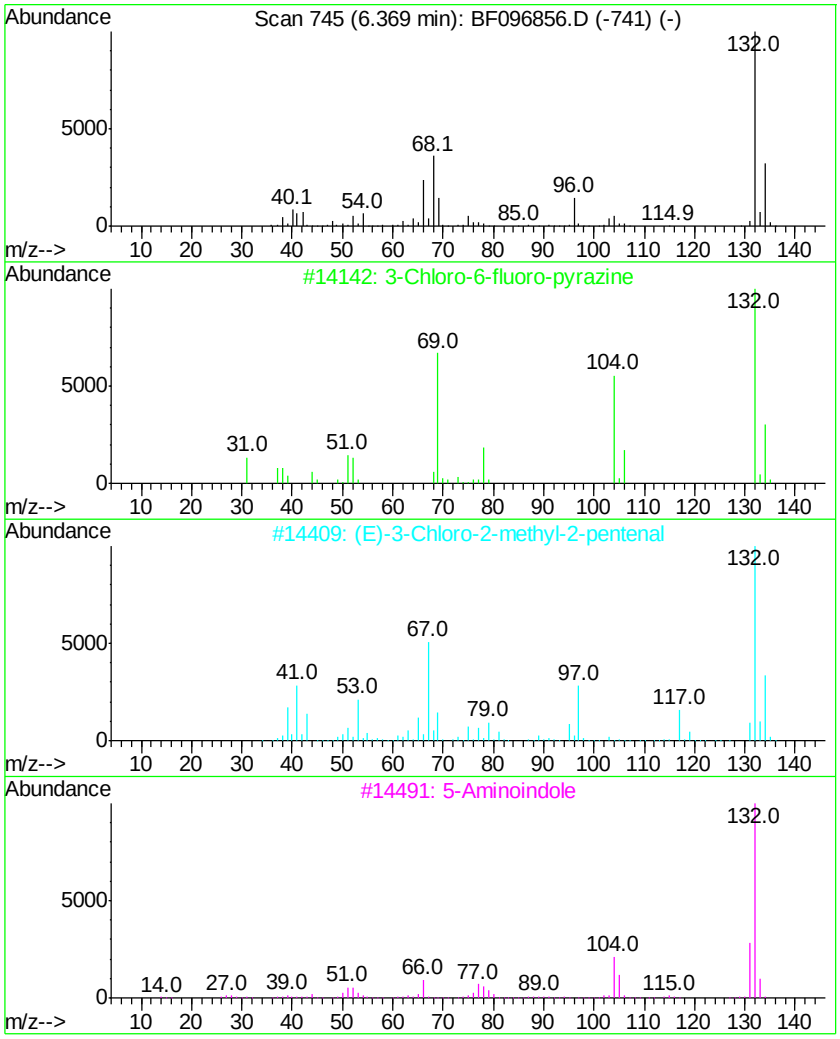
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

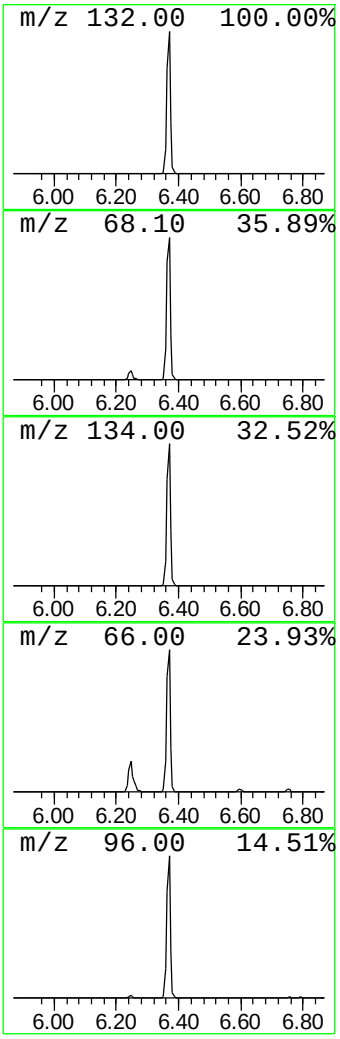
****

Peak Number 2 unknown6.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	29.25 ng	959178	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

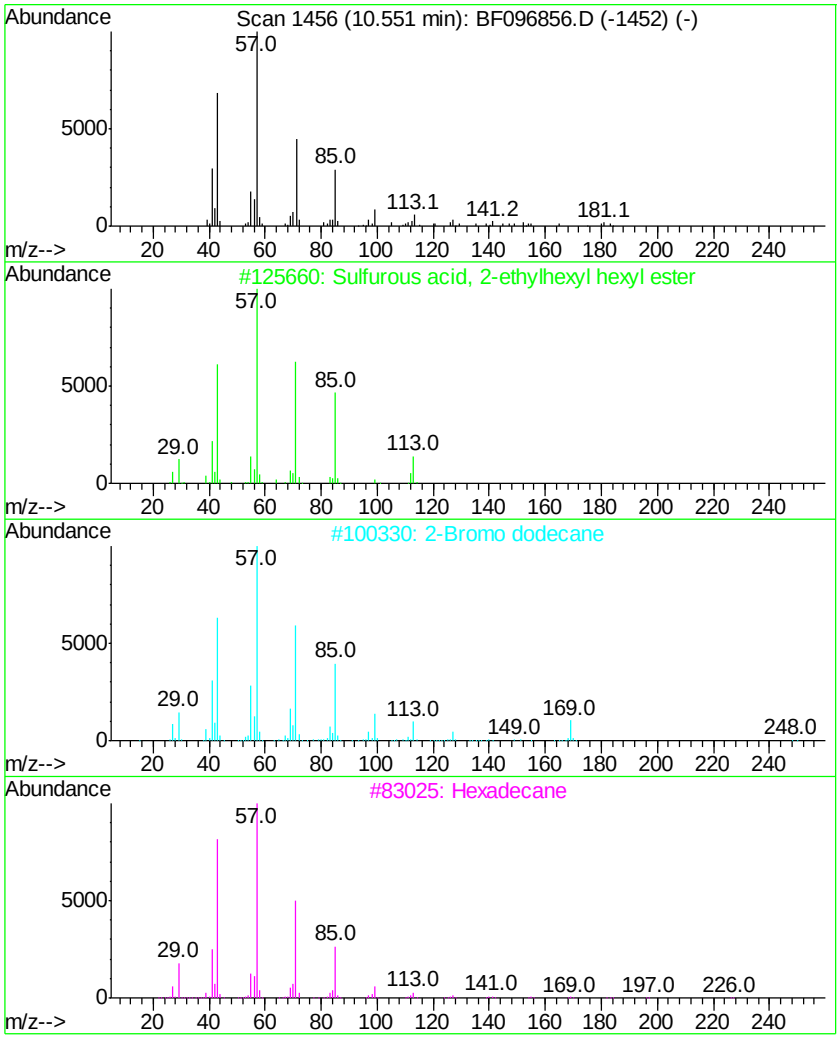
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

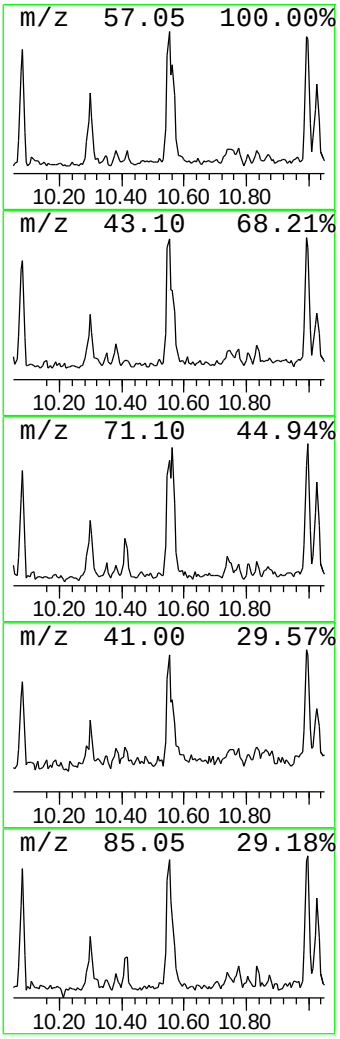
****

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	5.47 ng	166649	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





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Sample : I4245-01 2X
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Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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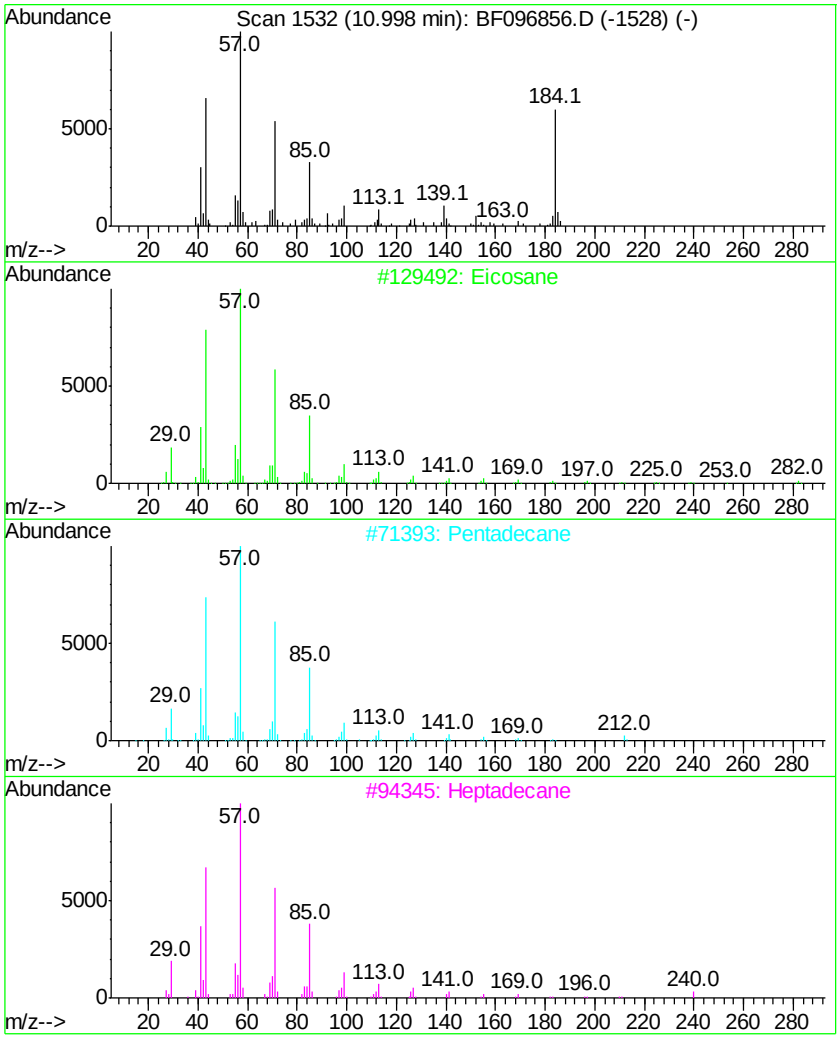
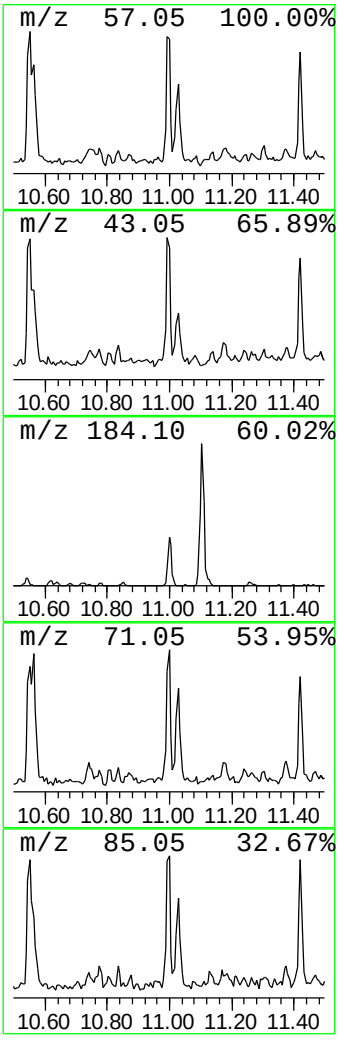
Peak Number 5 unknown11.00 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.21 ng	128127	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	46
2	Pentadecane	212	C15H32	000629-62-9	46
3	Heptadecane	240	C17H36	000629-78-7	46
4	Hexadecane	226	C16H34	000544-76-3	43
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
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Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

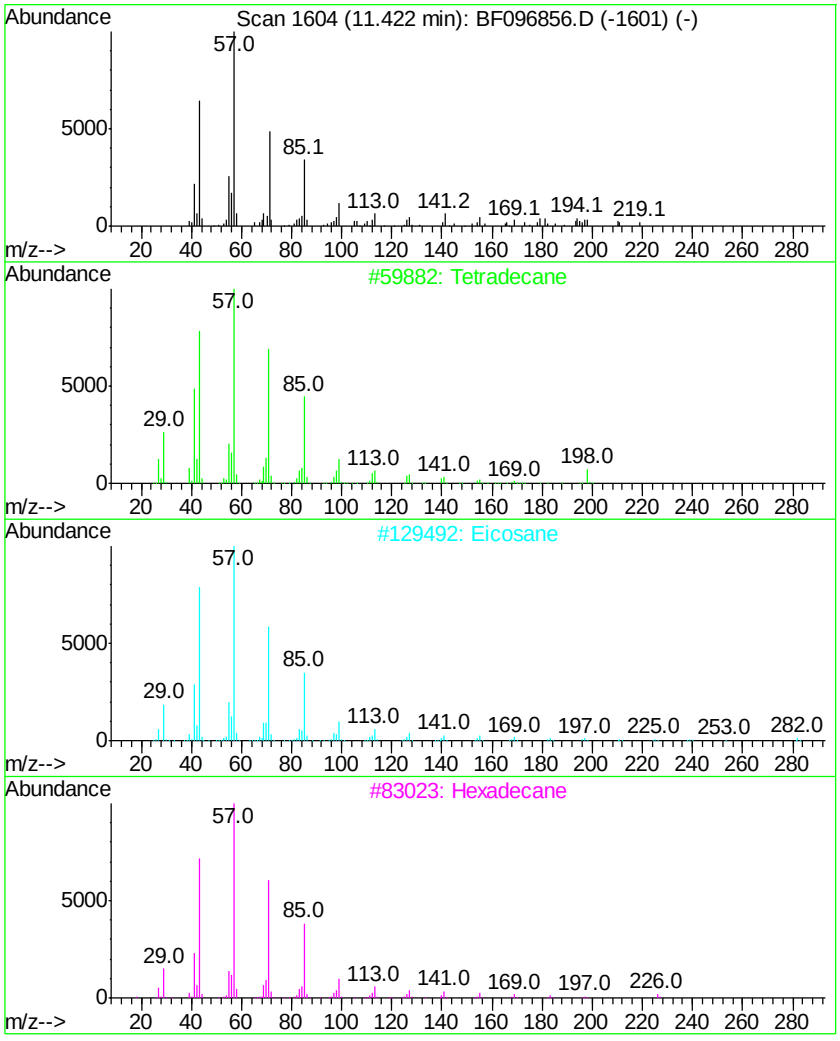
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

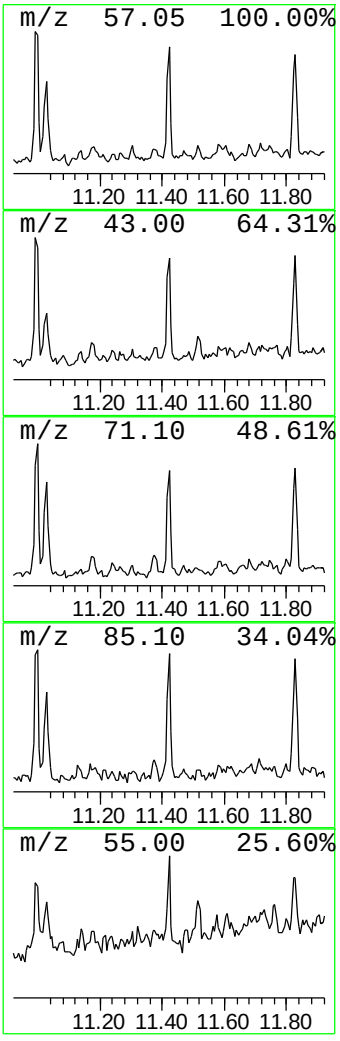
****

Peak Number 6 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.30 ng	100593	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Eicosane	282	C20H42	000112-95-8	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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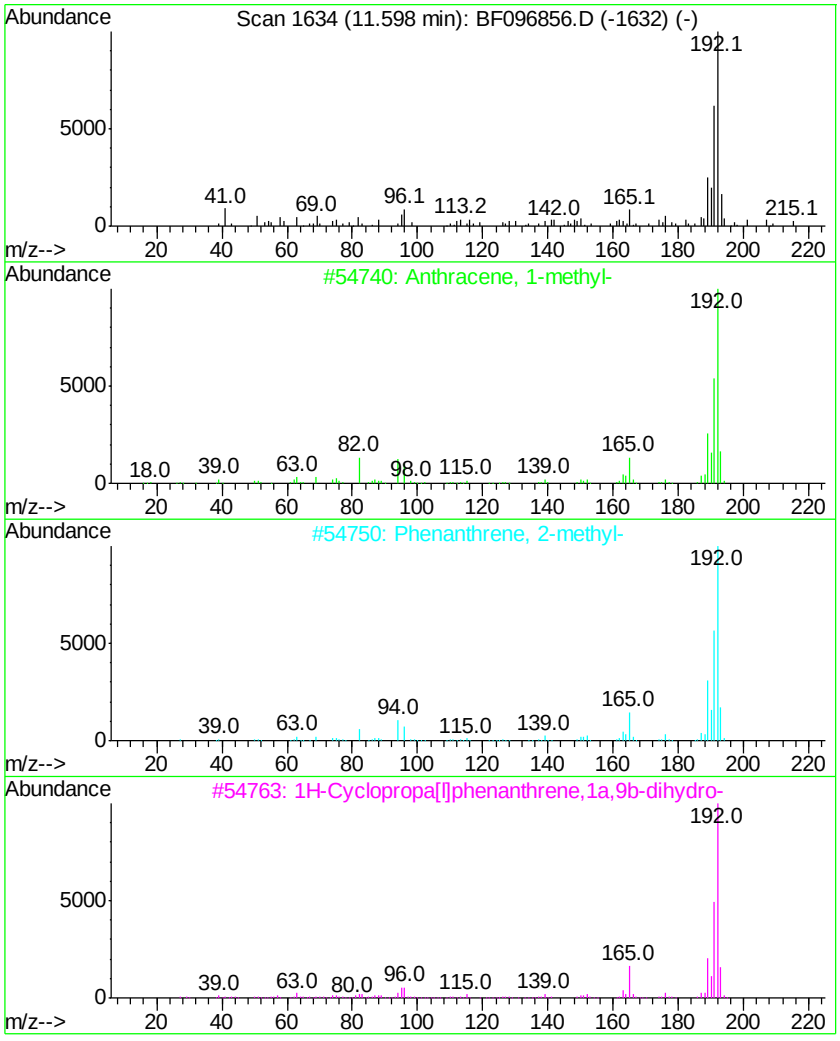
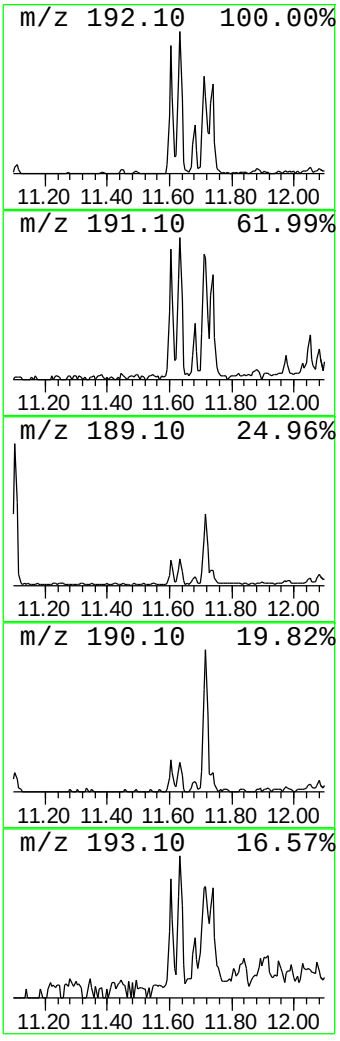
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.86 ng	87121	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





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Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
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ClientSampleId : PL-01-071717-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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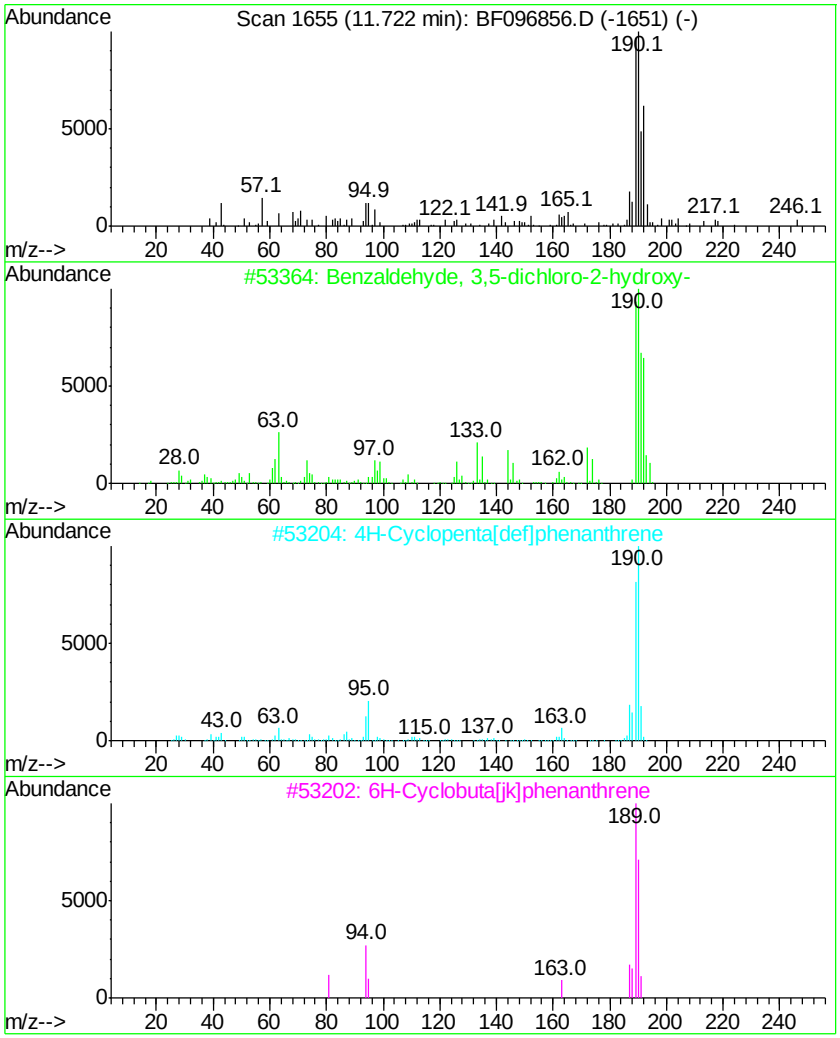
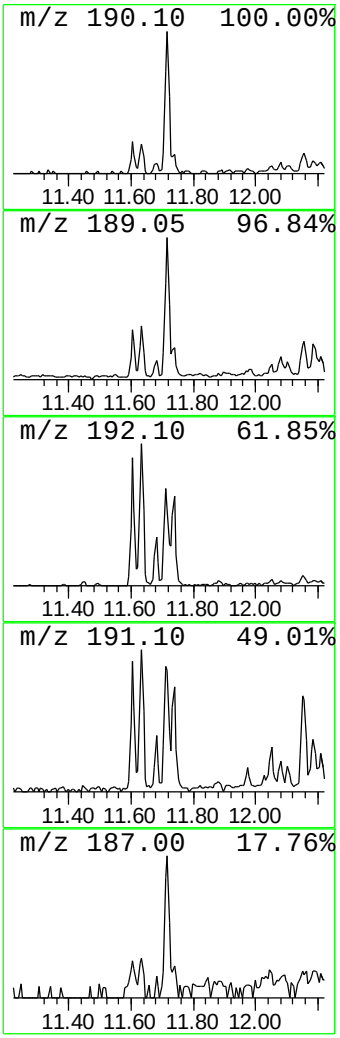
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.25 ng	129222	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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ClientSampleId : PL-01-071717-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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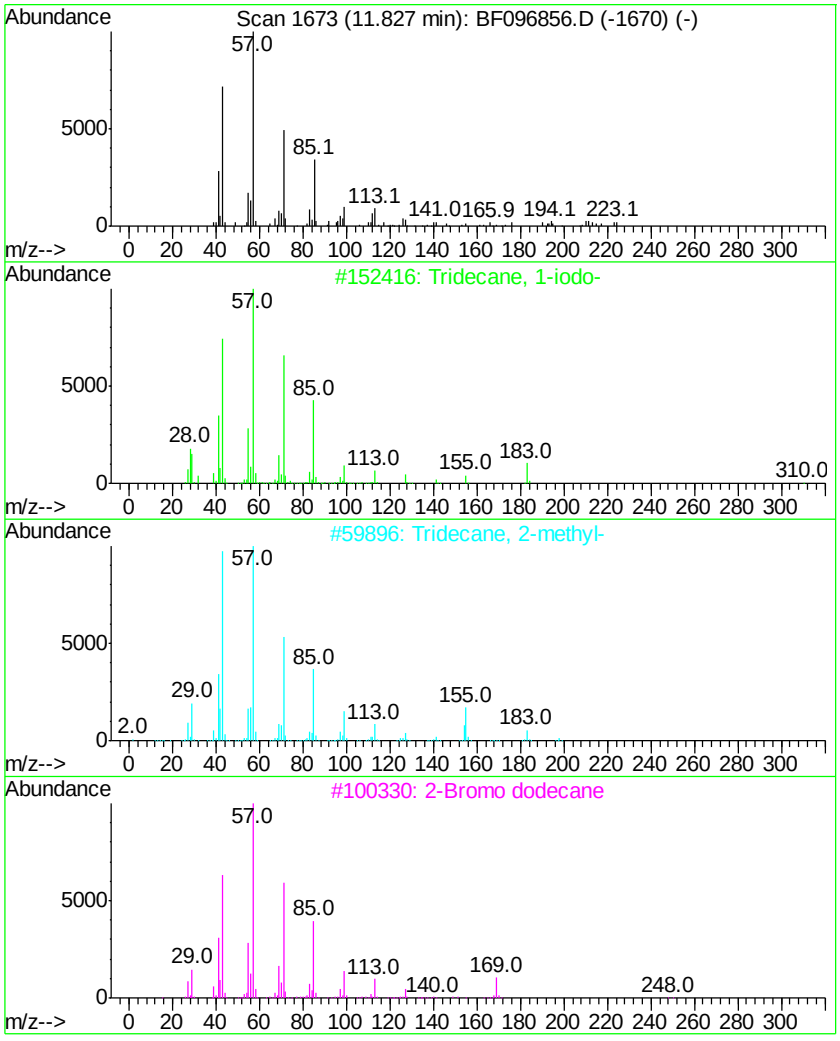
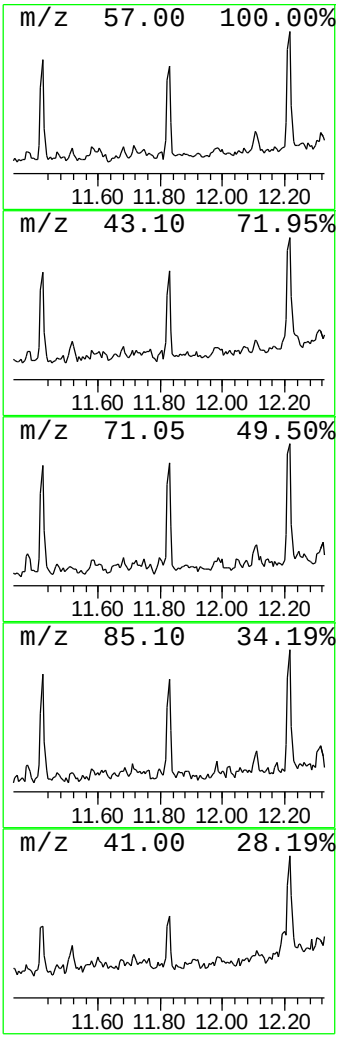
Peak Number 9 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.30 ng	100598	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5	Heptacosane	380	C27H56	000593-49-7	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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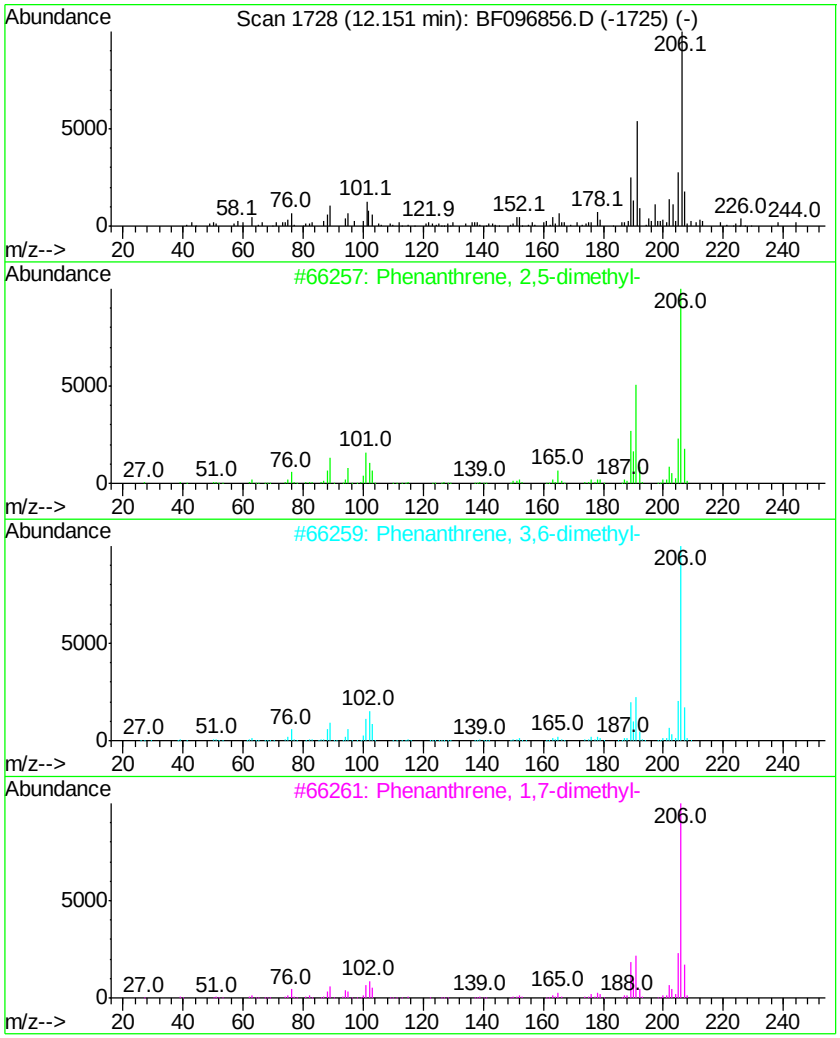
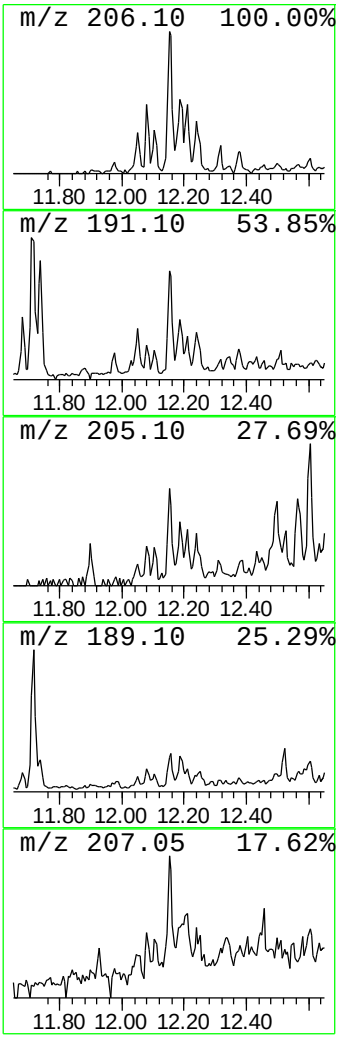
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.14 ng	95431	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : PL-01-071717-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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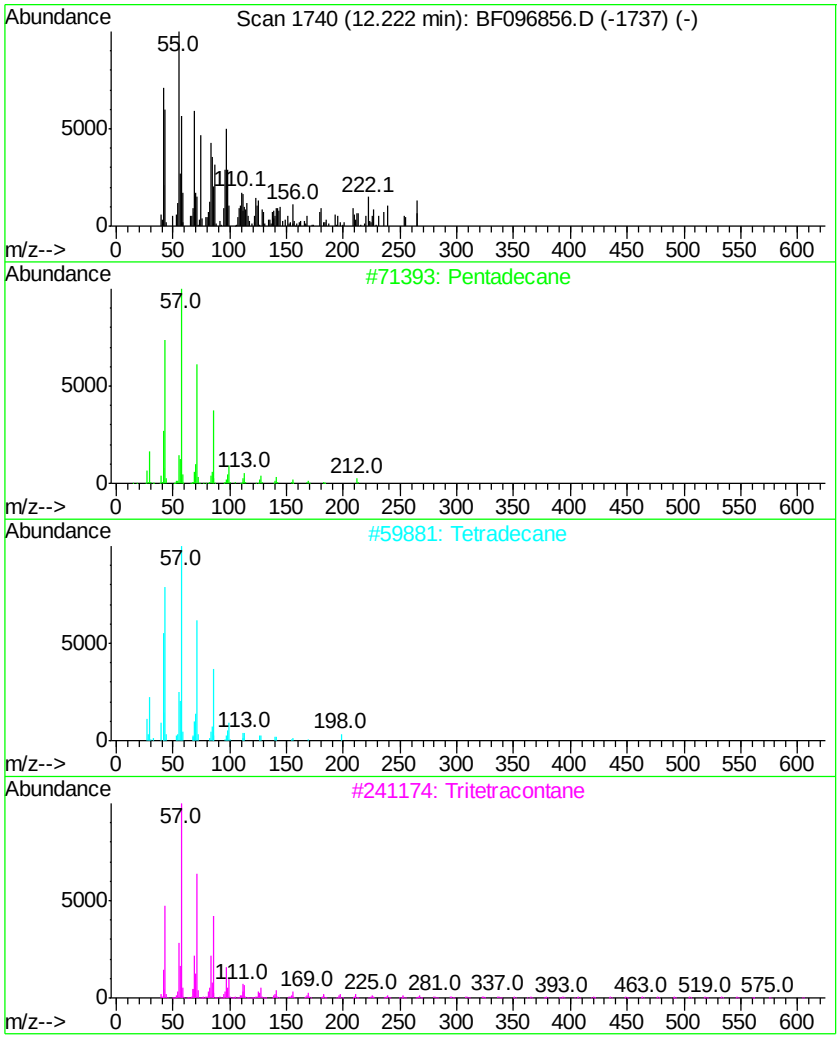
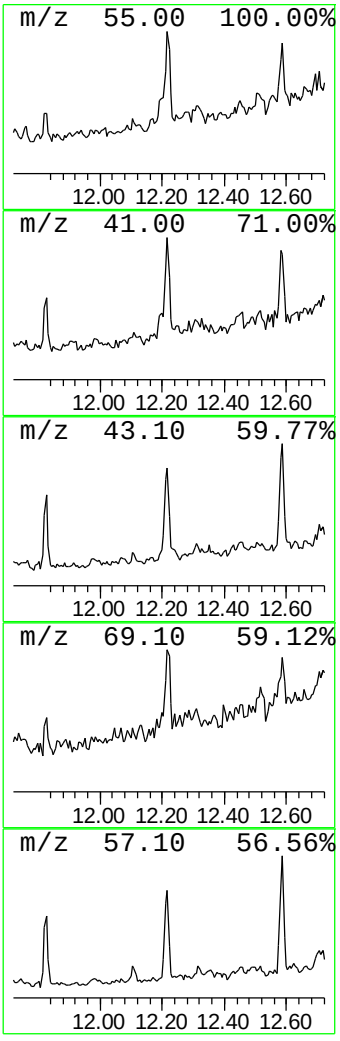
Peak Number 11 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.83 ng	116503	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	93
3	Tritetracontane	605	C43H88	007098-21-7	74
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	74
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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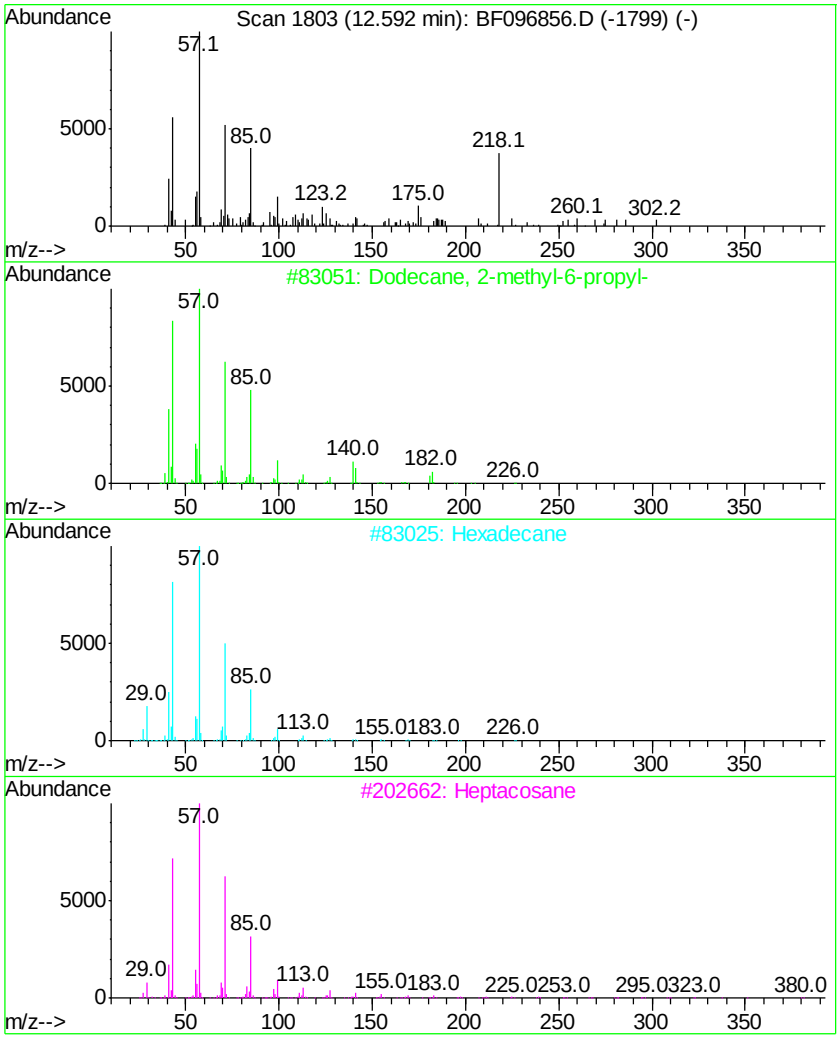
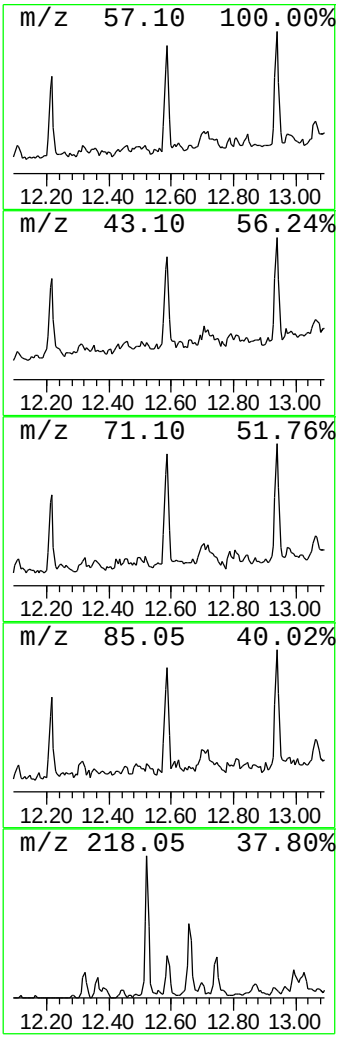
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.65 ng	102924	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	81
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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ALS Vial : 24 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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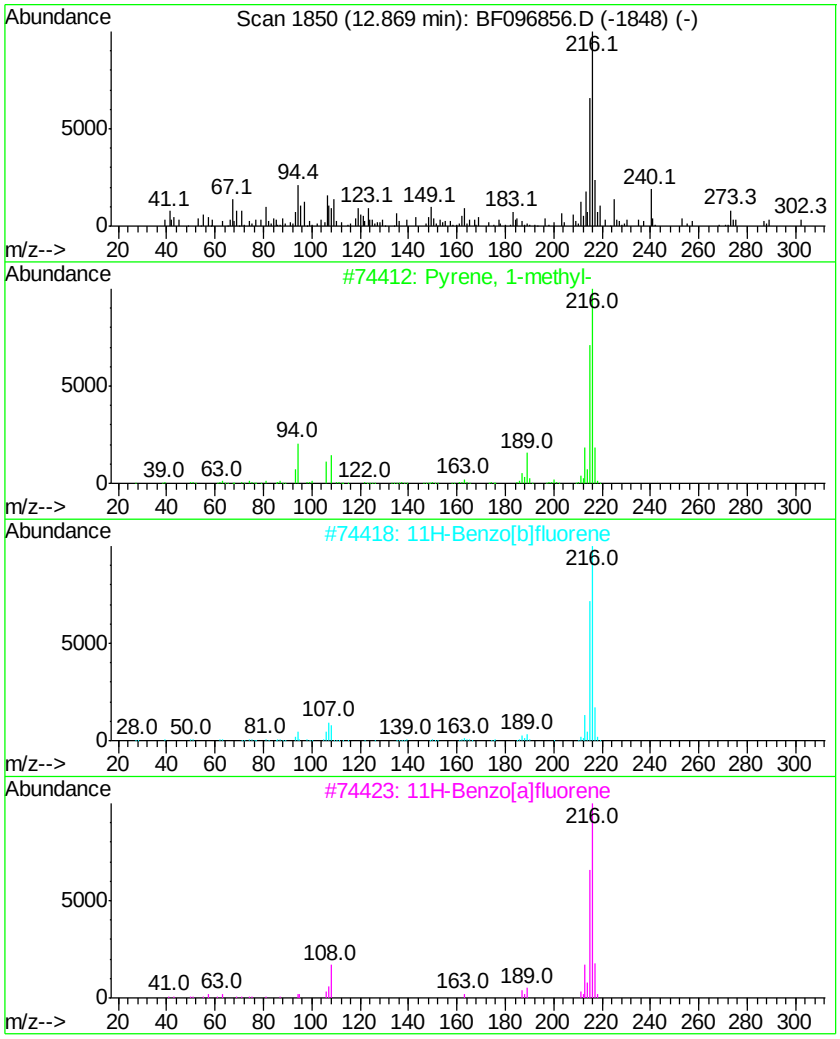
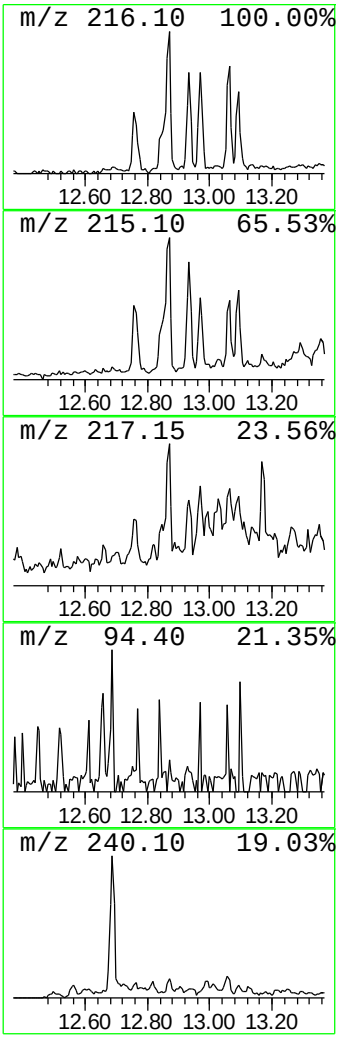
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.50 ng	97073	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	52





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ClientSampleId : PL-01-071717-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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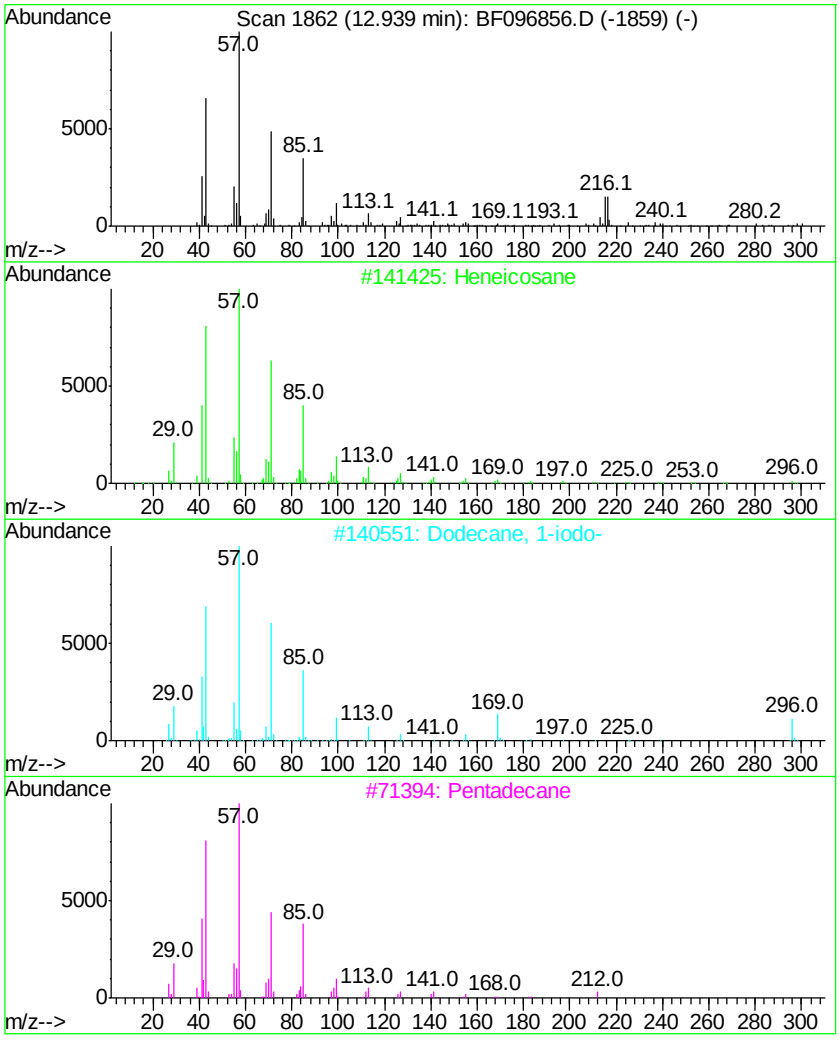
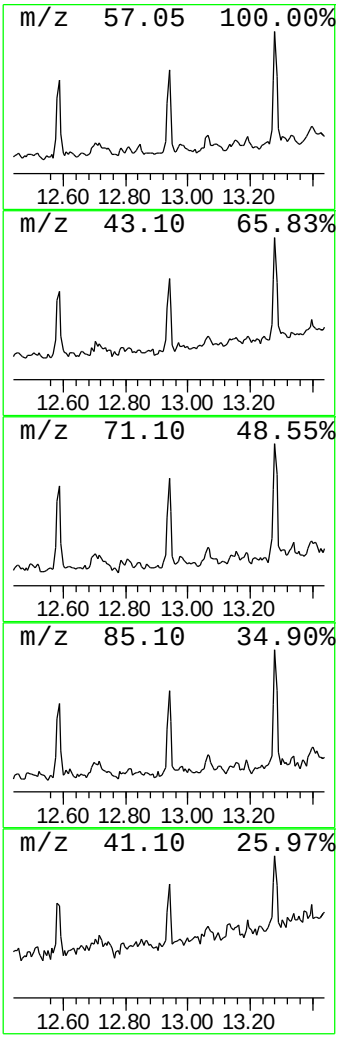
Peak Number 14 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	4.01 ng	155773	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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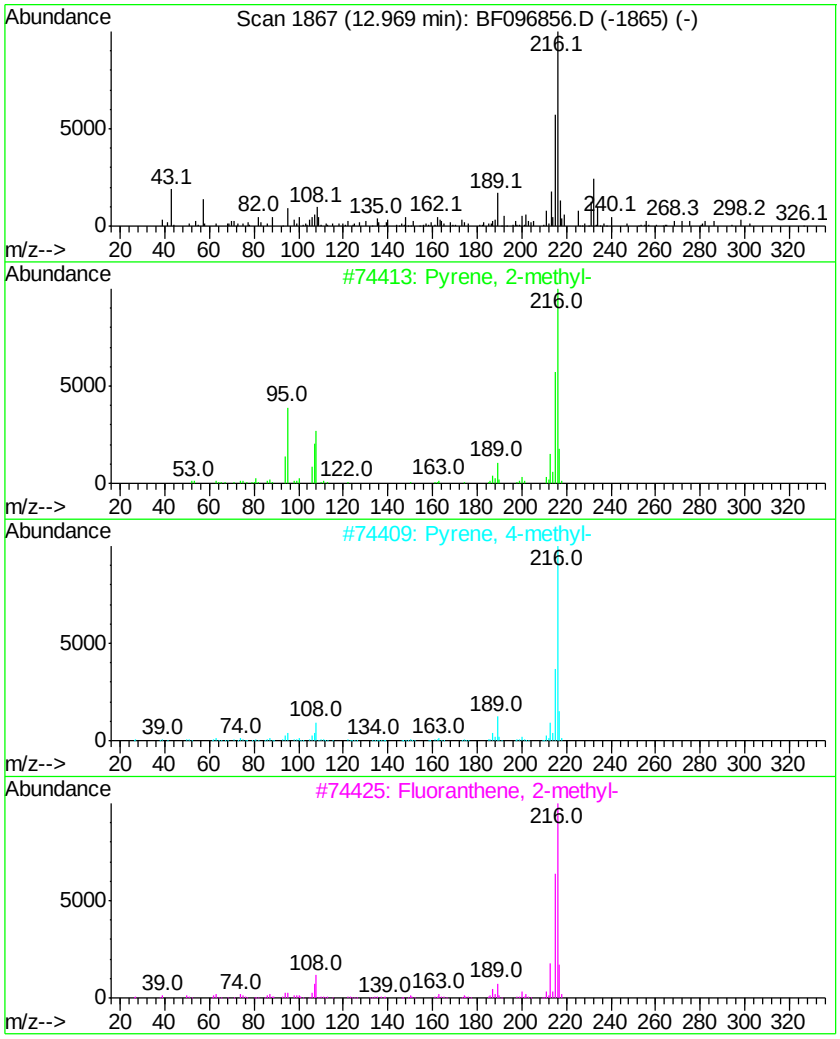
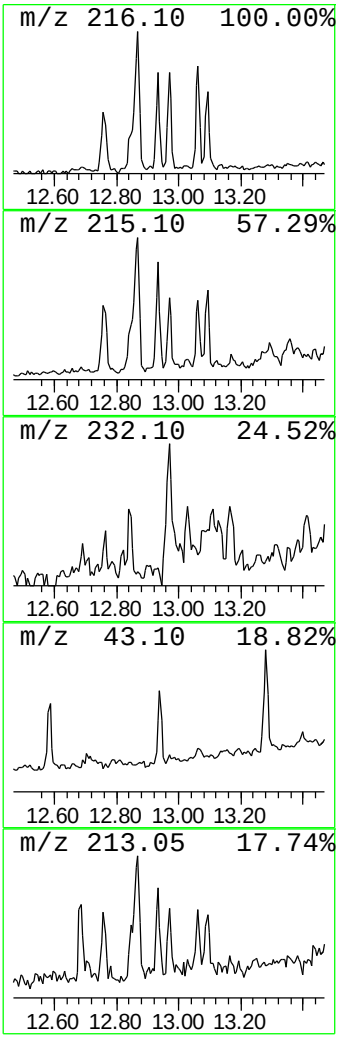
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.59 ng	100458	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	47





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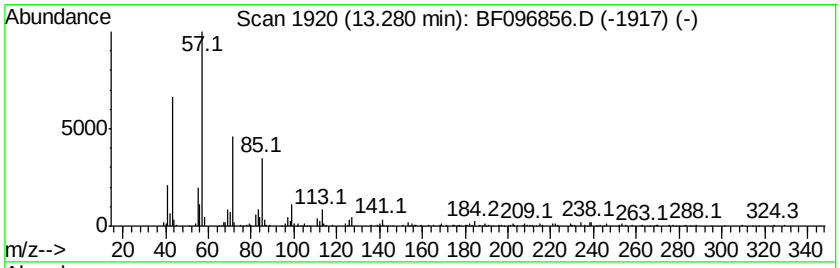
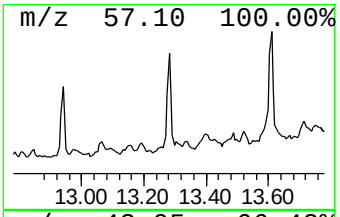
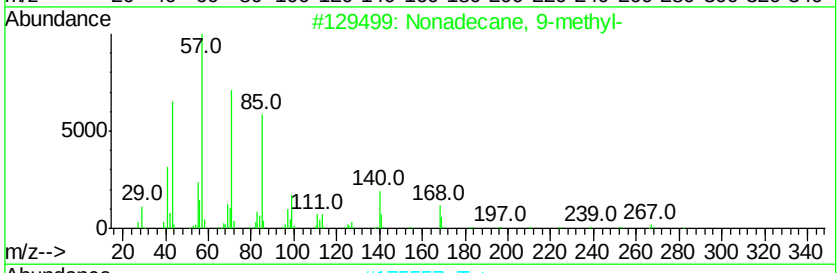
Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 8

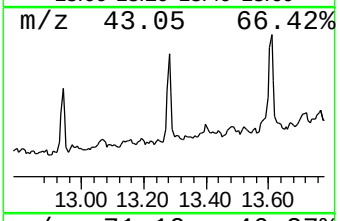
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.70 ng	182449	Chrysene-d12	13.73

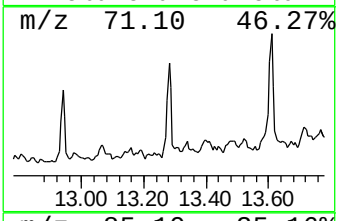
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2	Tetracosane	338	C24H50	000646-31-1	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexatriacontane	507	C36H74	000630-06-8	80

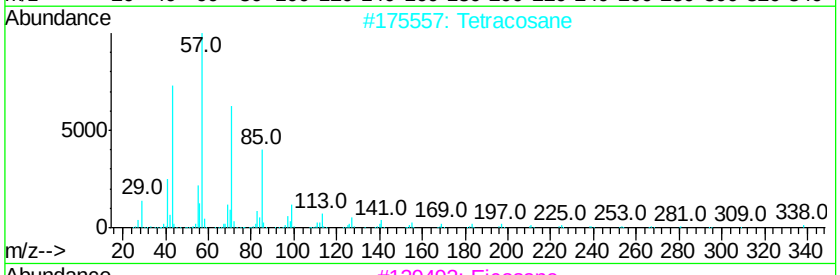


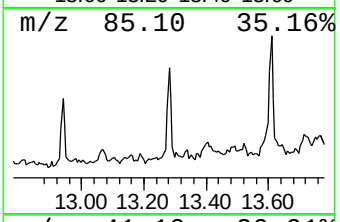


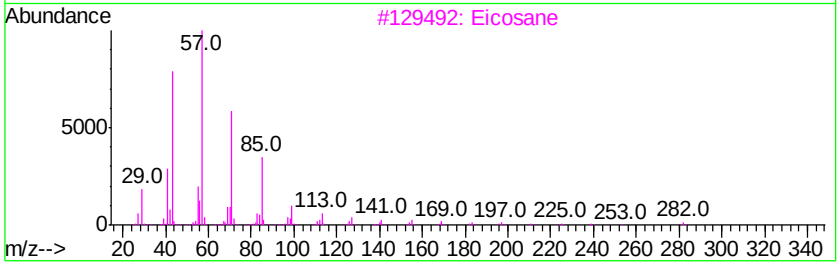


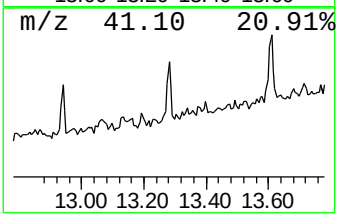












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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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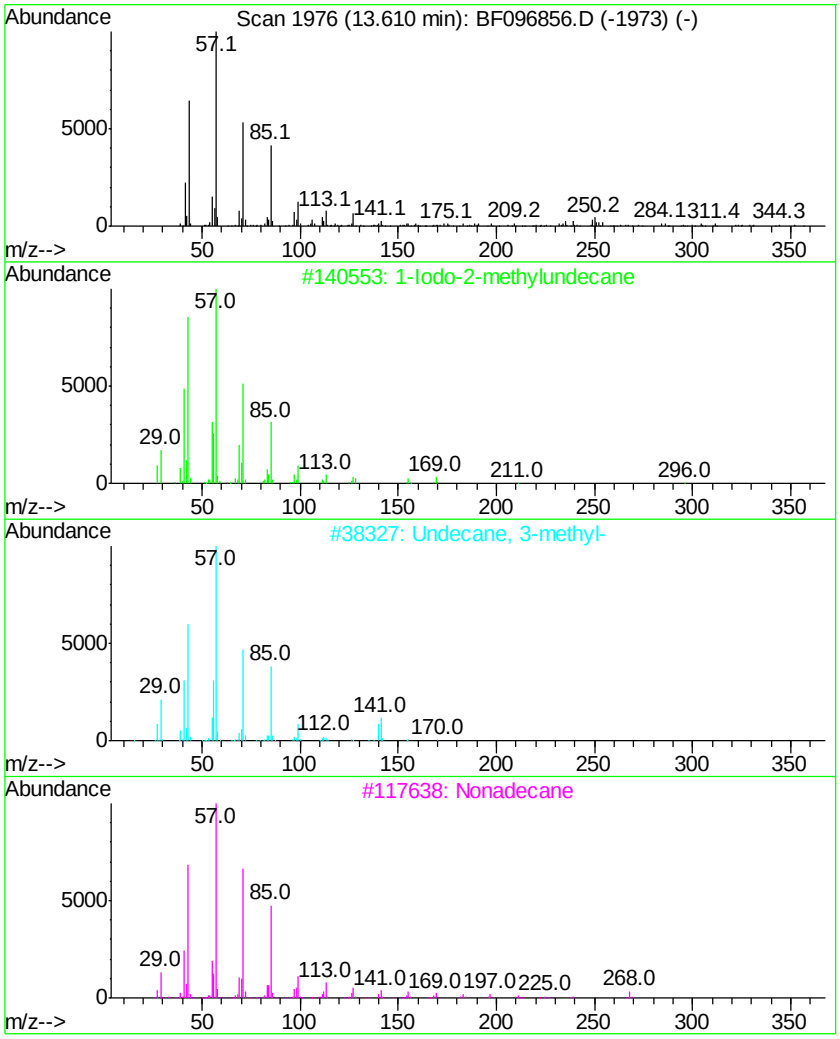
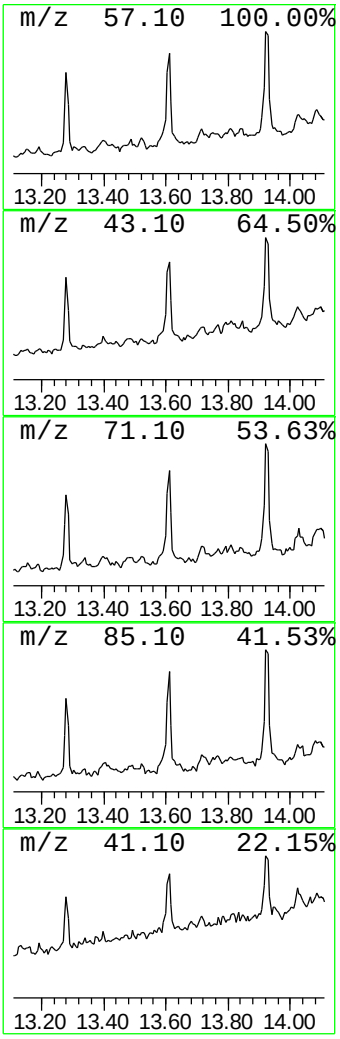
Peak Number 17 1-Iodo-2-methylundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	6.23 ng	241760	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
5	Docosane	310	C22H46	000629-97-0	72





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ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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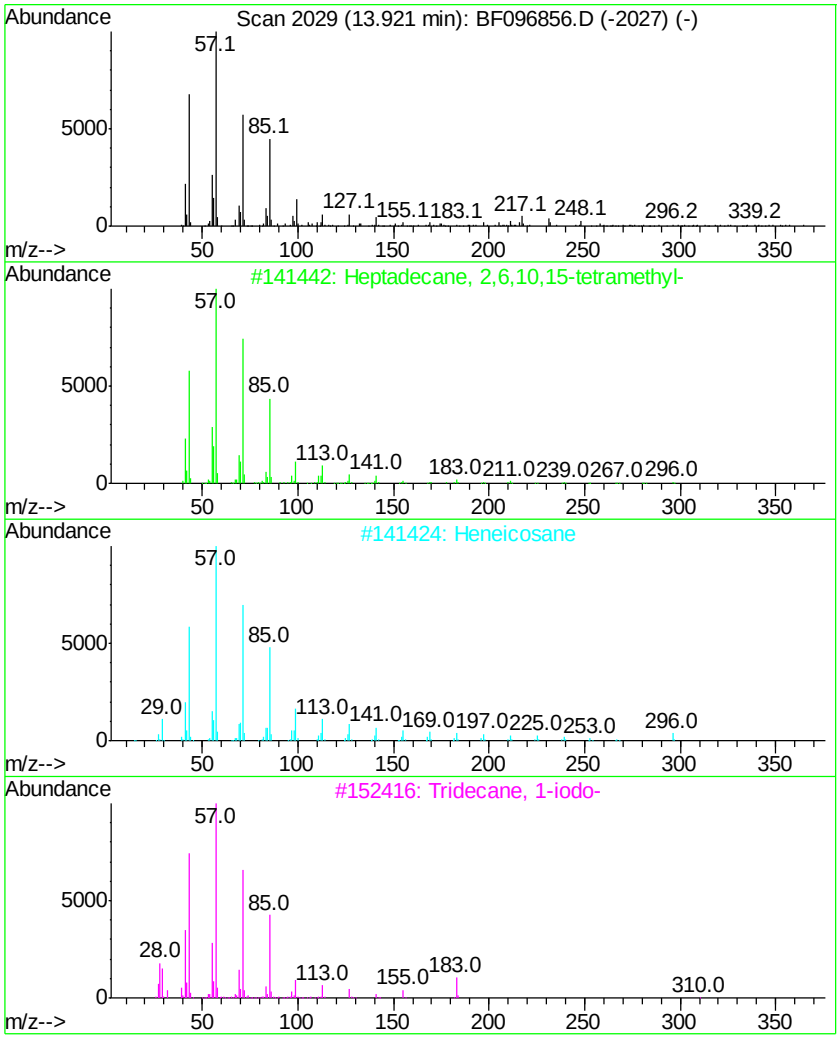
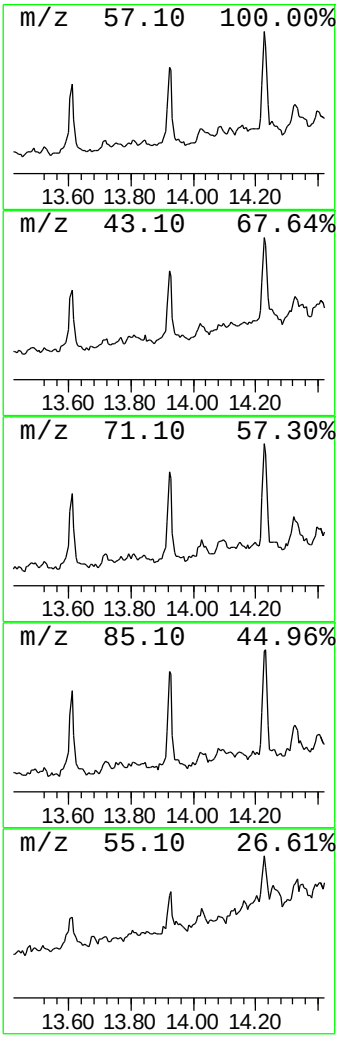
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.08 ng	236195	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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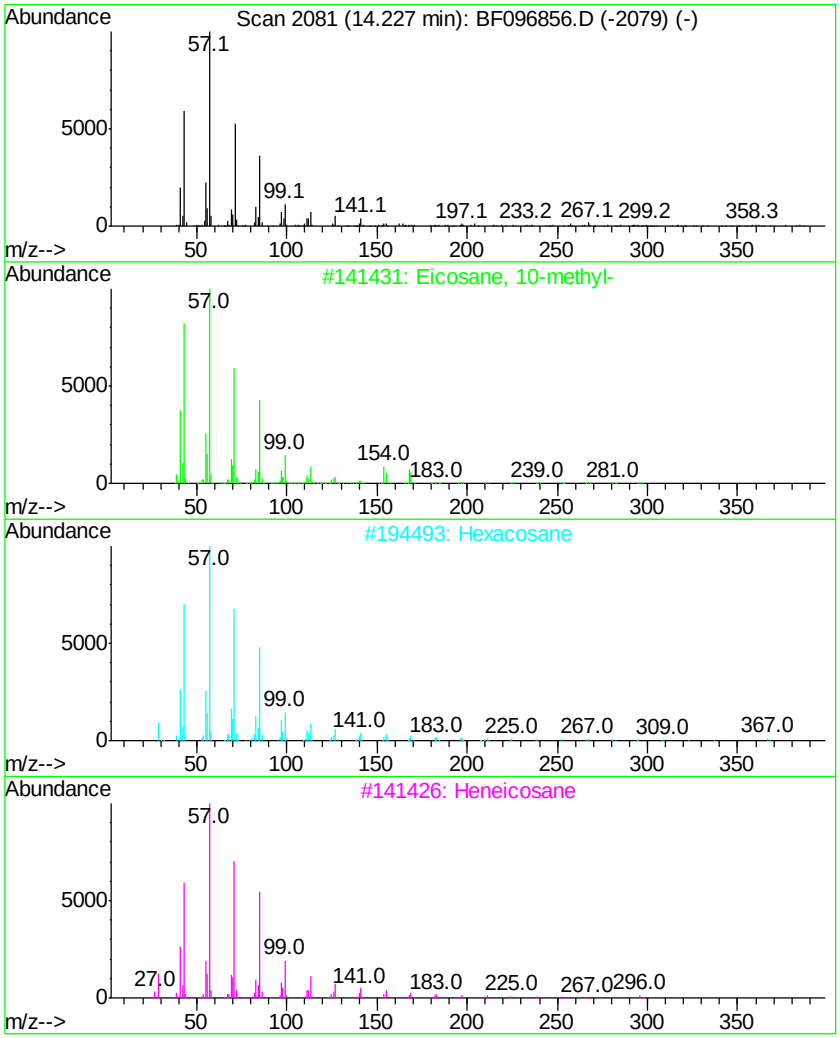
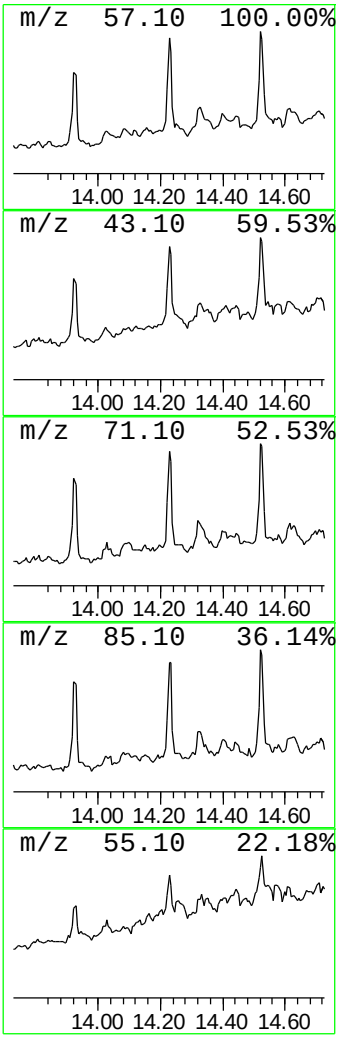
Peak Number 19 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.74 ng	223065	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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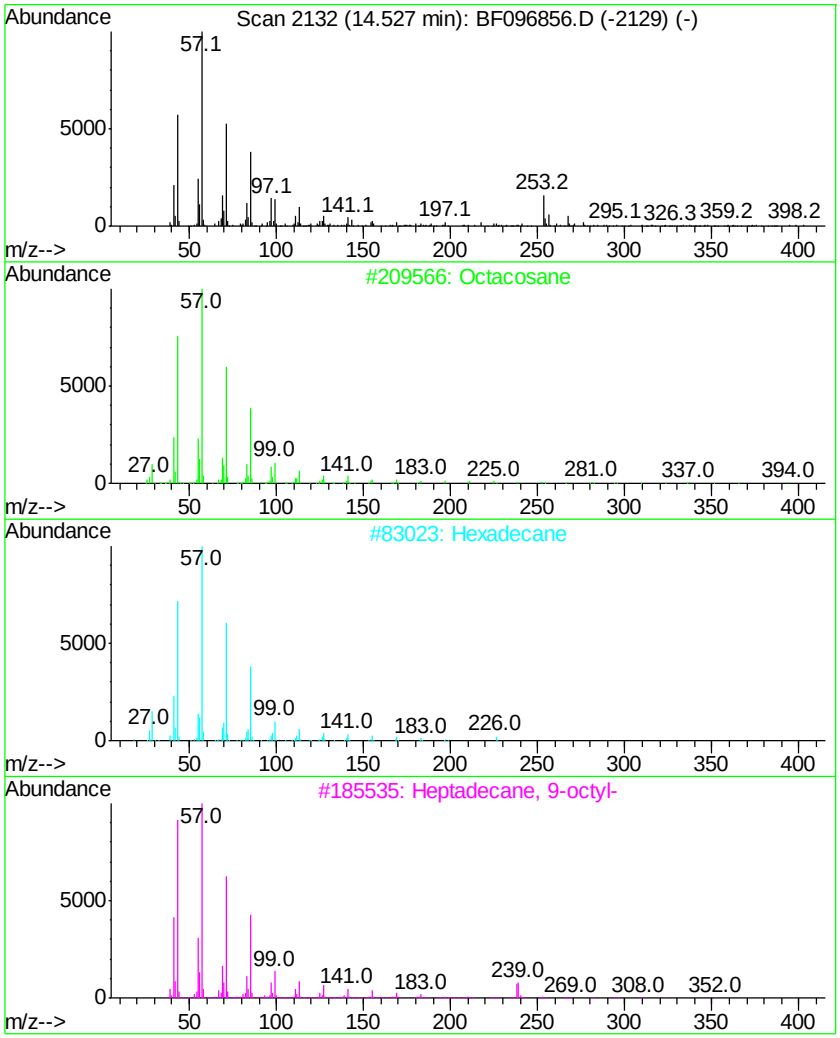
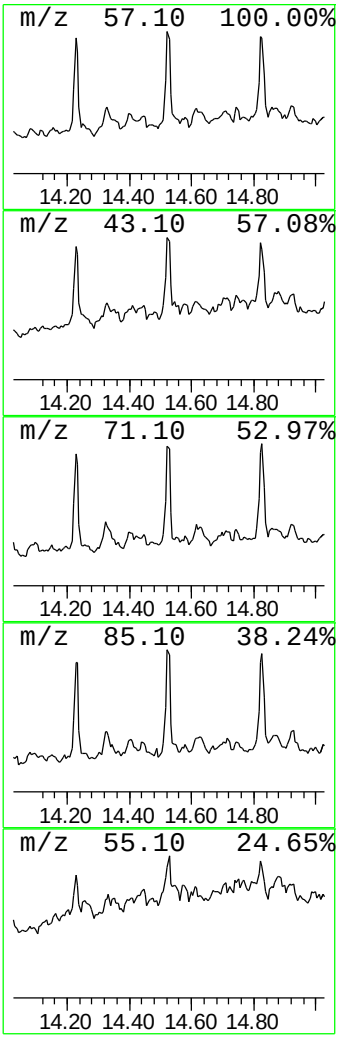
Peak Number 20 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	39.10 ng	377756	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Hexadecane	226	C16H34	000544-76-3	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Docosane	310	C22H46	000629-97-0	90
5	Nonadecane	268	C19H40	000629-92-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096856.D
Acq On : 18 Jul 2017 19:37
Operator : SJ/JU
Sample : I4245-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.75	2.6	ng	85237	1	6.60	655961	20.0
unknown6.37	6.37	29.3	ng	959178	1	6.60	655961	20.0
Sulfurous acid, 2...	10.55	5.5	ng	166649	4	11.10	608785	20.0
unknown11.00	11.00	4.2	ng	128127	4	11.10	608785	20.0
Tetradecane	11.42	3.3	ng	100593	4	11.10	608785	20.0
Anthracene, 1-met...	11.60	2.9	ng	87121	4	11.10	608785	20.0
Benzaldehyde, 3,5...	11.72	4.3	ng	129222	4	11.10	608785	20.0
Tridecane, 1-iodo-	11.83	3.3	ng	100598	4	11.10	608785	20.0
Phenanthrene, 2,5...	12.15	3.1	ng	95431	4	11.10	608785	20.0
Pentadecane	12.22	3.8	ng	116503	4	11.10	608785	20.0
Dodecane, 2-methy...	12.59	2.6	ng	102924	5	13.73	776565	20.0
Pyrene, 1-methyl-	12.87	2.5	ng	97073	5	13.73	776565	20.0
Heneicosane	12.94	4.0	ng	155773	5	13.73	776565	20.0
Pyrene, 2-methyl-	12.97	2.6	ng	100458	5	13.73	776565	20.0
Nonadecane, 9-met...	13.28	4.7	ng	182449	5	13.73	776565	20.0
1-Iodo-2-methylun...	13.61	6.2	ng	241760	5	13.73	776565	20.0
Heptadecane, 2,6,...	13.92	6.1	ng	236195	5	13.73	776565	20.0
Eicosane, 10-methyl-	14.23	5.7	ng	223065	5	13.73	776565	20.0
Octacosane	14.53	39.1	ng	377756	6	15.12	193208	20.0