LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096580.D
Acq On : 8 Jul 2017 1:04
Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

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-BF070117.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	3.005	154	156	166	rBV	26512	60475	2.74%	0.208%
2	4.875	470	474	481	rBV	290996	367135	16.62%	1.261%
3	5.310	543	548	551	rBV	2137218	2208708	100.00%	7.585%
4	6.340	718	723	733	rVB	2085856	2167718	98.14%	7.444%
5	6.469	740	745	748	rBV	2262910	2106423	95.37%	7.233%
6	6.698	780	784	787	rBV	787945	643741	29.15%	2.211%
7	6.857	806	811	814	rBV	1560916	1474150	66.74%	5.062%
8	7.257	874	879	882	rBV	1510064	1299195	58.82%	4.461%
9	7.357	892	896	902	rVB3	22446	31560	1.43%	0.108%
10	7.857	978	981	984	rBV	23212	22835	1.03%	0.078%
11	7.981	998	1002	1005	rBV	989176	834399	37.78%	2.865%
12	8.228	1041	1044	1047	rBV	26090	24935	1.13%	0.086%
13	8.416	1073	1076	1080	rBV	33302	39091	1.77%	0.134%
14	9.057	1181	1185	1188	rBV	2336319	1896812	85.88%	6.514%
15	9.151	1196	1201	1204	rBV2	88325	88672	4.01%	0.304%
16	9.210	1208	1211	1213	rVB3	30401	28348	1.28%	0.097%
17	9.310	1225	1228	1232	rBV6	27742	37737	1.71%	0.130%
18	9.375	1235	1239	1240	rBV4	26949	29125	1.32%	0.100%
19	9.445	1249	1251	1254	rBV	342008	306965	13.90%	1.054%
20	9.681	1288	1291	1294	rBV	173293	154174	6.98%	0.529%
21	9.728	1294	1299	1303	rBV	803886	815941	36.94%	2.802%
22	9.916	1326	1331	1333	rBV4	62448	102685	4.65%	0.353%
23	9.939	1333	1335	1337	rVB3	73276	58539	2.65%	0.201%
24	9.969	1338	1340	1343	rBV2	37615	31196	1.41%	0.107%
25	9.998	1343	1345	1349	rVB2	98287	93901	4.25%	0.322%
26	10.033	1349	1351	1352	rBV	34416	23397	1.06%	0.080%
27	10.104	1361	1363	1365	rBV3	36568	41084	1.86%	0.141%
28	10.175	1372	1375	1378	rVB	388418	305461	13.83%	1.049%
29	10.228	1382	1384	1386	rVB3	40770	30962	1.40%	0.106%
30	10.275	1390	1392	1393	rBV2	34836	25971	1.18%	0.089%
31	10.292	1393	1395	1399	rVB4	59108	68117	3.08%	0.234%
32	10.339	1401	1403	1405	rBV2	71813	52648	2.38%	0.181%
33	10.398	1409	1413	1416	rBV	277275	306738	13.89%	1.053%
34	10.451	1420	1422	1424	rVB2	86985	68514	3.10%	0.235%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.480	1424	1427	1429	rBV	107600	122092	5.53%	0.419%
36	10.516	1429	1433	1437	rVB	1093713	1012074	45.82%	3.475%
37	10.651	1452	1456	1462	rBV2	732599	1044258	47.28%	3.586%
38	10.704	1462	1465	1468	rVV	428243	396864	17.97%	1.363%
39	10.739	1468	1471	1474	rVV2	320318	384203	17.39%	1.319%
40	10.769	1474	1476	1479	rVV2	360734	373153	16.89%	1.281%
41	10.798	1479	1481	1484	rVV	239331	233266	10.56%	0.801%
42	10.839	1484	1488	1489	rVV	245036	284093	12.86%	0.976%
43	10.880	1492	1495	1498	rVV4	326498	388287	17.58%	1.333%
44	10.922	1499	1502	1507	rVV	401909	481645	21.81%	1.654%
45	10.963	1507	1509	1515	rVB4	225087	250451	11.34%	0.860%
46	11.098	1529	1532	1534	rBV	555684	507608	22.98%	1.743%
47	11.128	1534	1537	1543	rVB	353873	352466	15.96%	1.210%
48	11.210	1548	1551	1553	rBV	680919	540472	24.47%	1.856%
49	11.233	1553	1555	1558	rVB	95821	74094	3.35%	0.254%
50	11.369	1575	1578	1581	rVB	64731	61530	2.79%	0.211%
51	11.404	1582	1584	1587	rVB	73621	60524	2.74%	0.208%
52	11.433	1587	1589	1591	rBV3	40671	39559	1.79%	0.136%
53	11.475	1594	1596	1599	rVB	87489	77893	3.53%	0.267%
54	11.522	1601	1604	1607	rBV	576006	476104	21.56%	1.635%
55	11.616	1618	1620	1625	rVB4	75187	88551	4.01%	0.304%
56	11.686	1629	1632	1633	rVV3	53569	53616	2.43%	0.184%
57	11.710	1634	1636	1638	rVV2	69476	59014	2.67%	0.203%
58	11.751	1639	1643	1646	rVB2	101535	129022	5.84%	0.443%
59	11.780	1646	1648	1652	rBV4	54641	48426	2.19%	0.166%
60	11.816	1652	1654	1657	rBV3	97972	109911	4.98%	0.377%
61	11.927	1670	1673	1678	rVB	572996	459723	20.81%	1.579%
62	12.080	1697	1699	1700	rBV	64268	49016	2.22%	0.168%
63	12.210	1718	1721	1724	rVB	98433	84710	3.84%	0.291%
64	12.263	1727	1730	1733	rBV2	96525	106421	4.82%	0.365%
65	12.316	1733	1739	1742	rBV3	694235	822593	37.24%	2.825%
66	12.416	1752	1756	1759	rVB2	200585	229646	10.40%	0.789%
67	12.457	1760	1763	1766	rBV3	95306	137414	6.22%	0.472%
68	12.645	1792	1795	1797	rBV	91573	84423	3.82%	0.290%
69	12.674	1797	1800	1805	rVB2	333398	473000	21.42%	1.624%
70	12.792	1816	1820	1824	rBV	1526663	1553831	70.35%	5.336%
71	13.039	1859	1862	1865	rVB	263540	230774	10.45%	0.792%

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Operator : SJ/MA
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Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.380	1917	1920	1924	rBV	225751	199255	9.02%	0.684%
73	13.839	1994	1998	2001	rBV	635204	615951	27.89%	2.115%
74	14.021	2027	2029	2033	rVB	134613	125125	5.67%	0.430%
75	14.327	2079	2081	2084	rBV	187451	181617	8.22%	0.624%
76	15.245	2234	2237	2240	rVB	262505	270637	12.25%	0.929%

Sum of corrected areas: 29120664

LSC Report - Integrated Chromatogram

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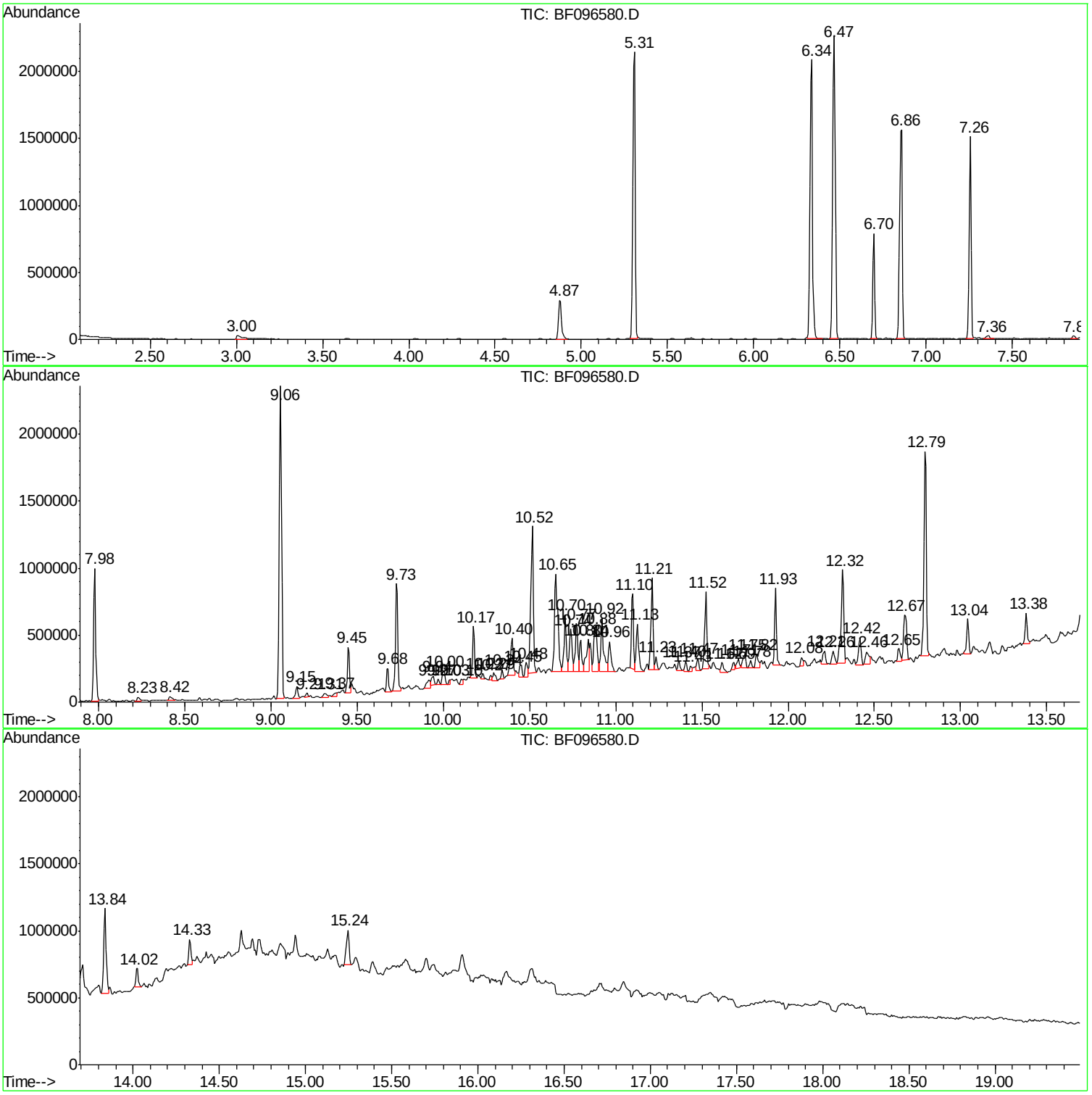
Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
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Acq On : 8 Jul 2017 1:04
Operator : SJ/MA
Sample : I4072-04
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Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

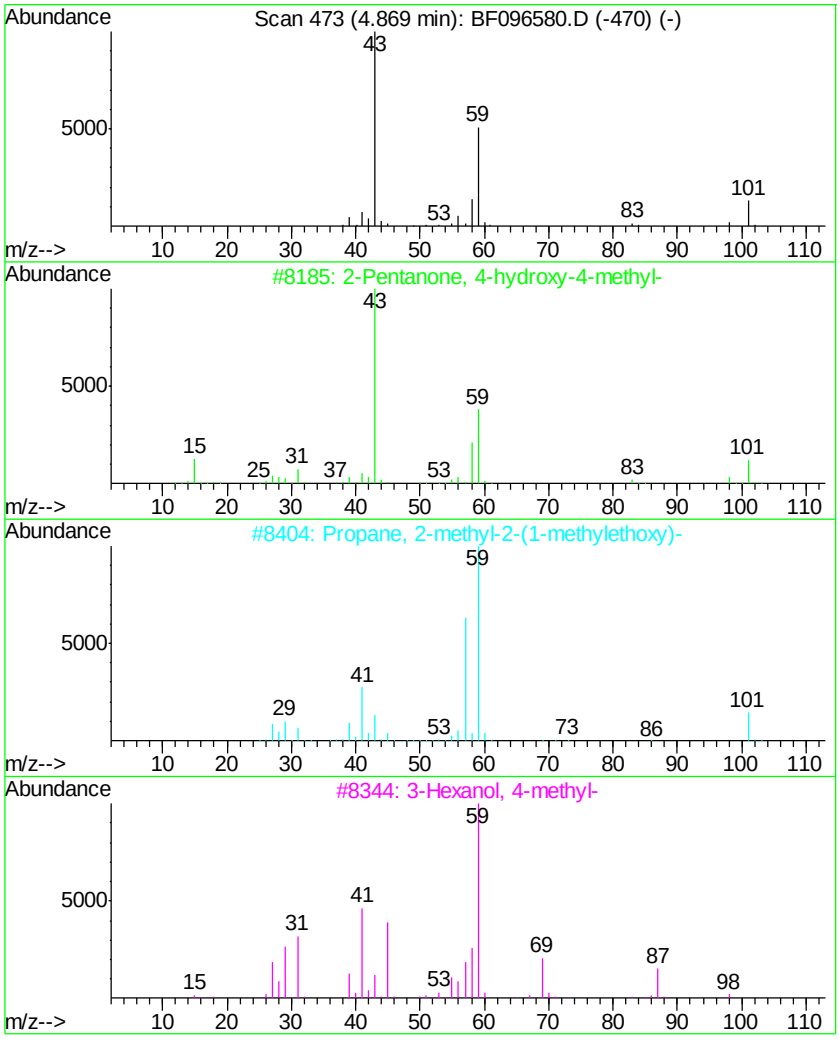
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

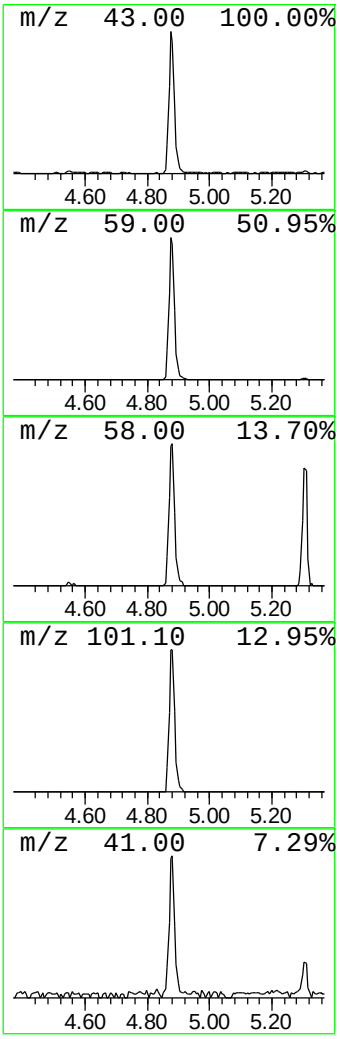
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	11.41 ng	367135	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





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Sample : I4072-04
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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TIC Library : C:\DATABASE\NIST11.L
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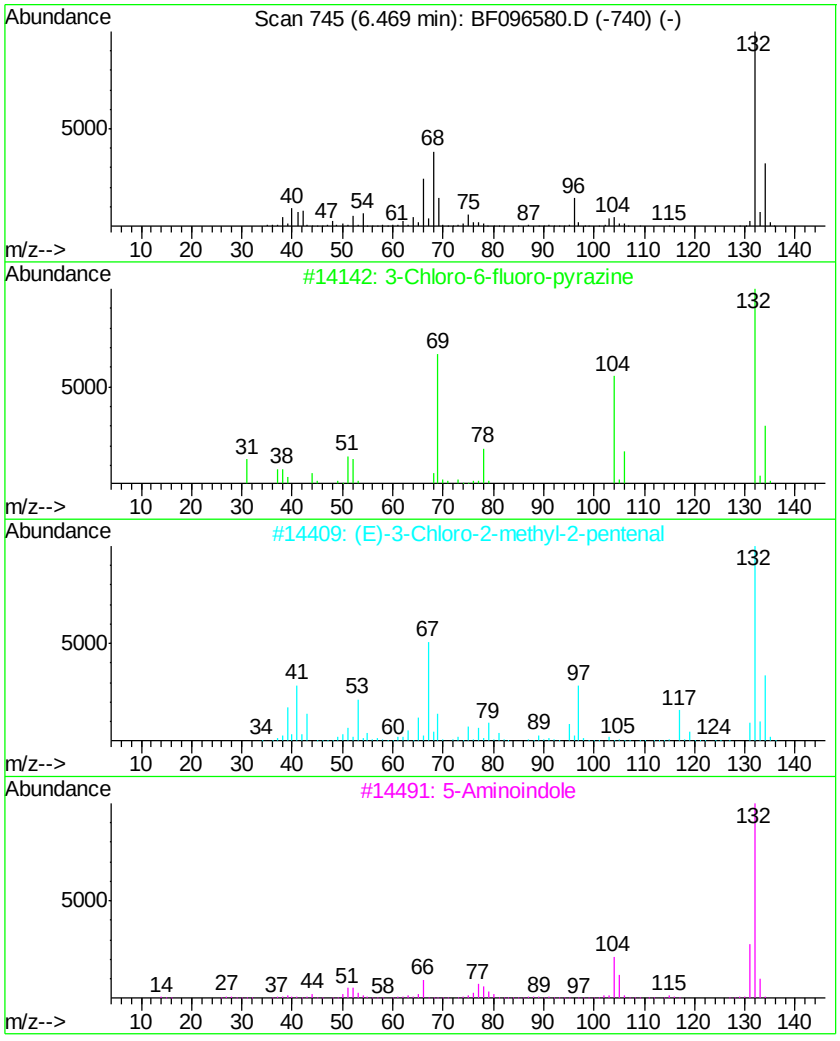
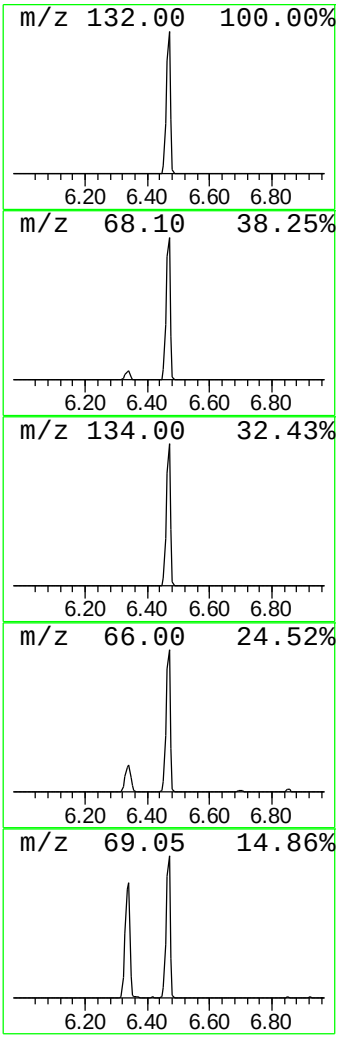
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	65.44 ng	2106420	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I4072-04
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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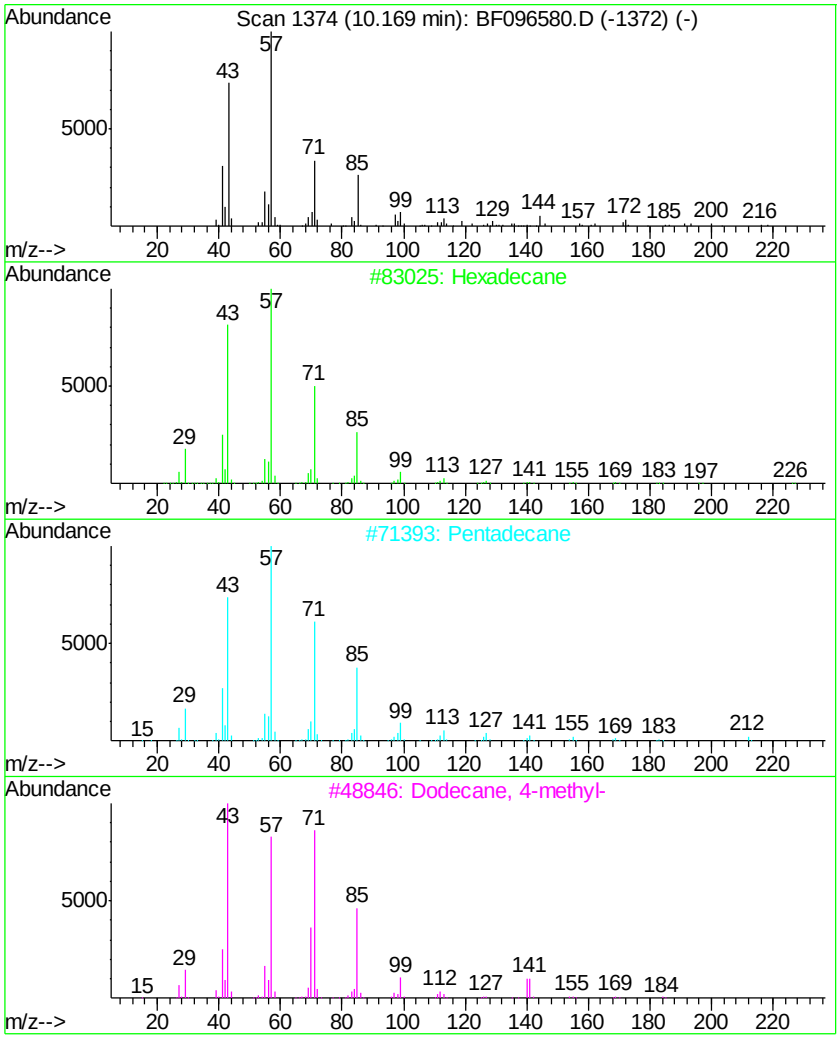
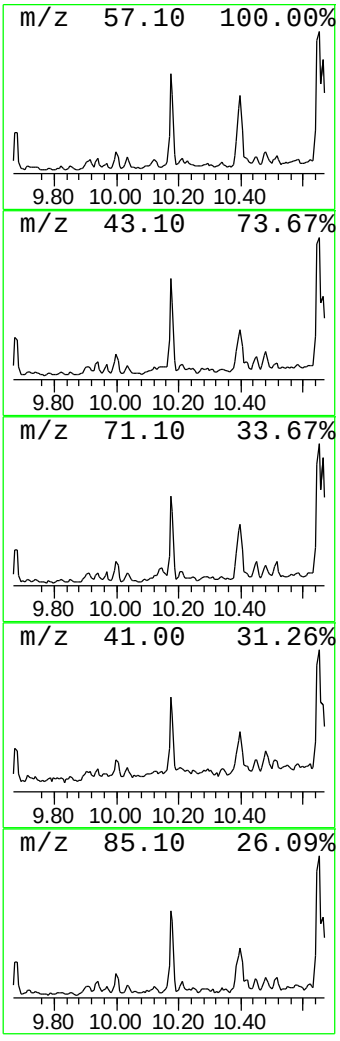
Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.49 ng	305461	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Octadecane	254	C18H38	000593-45-3	80





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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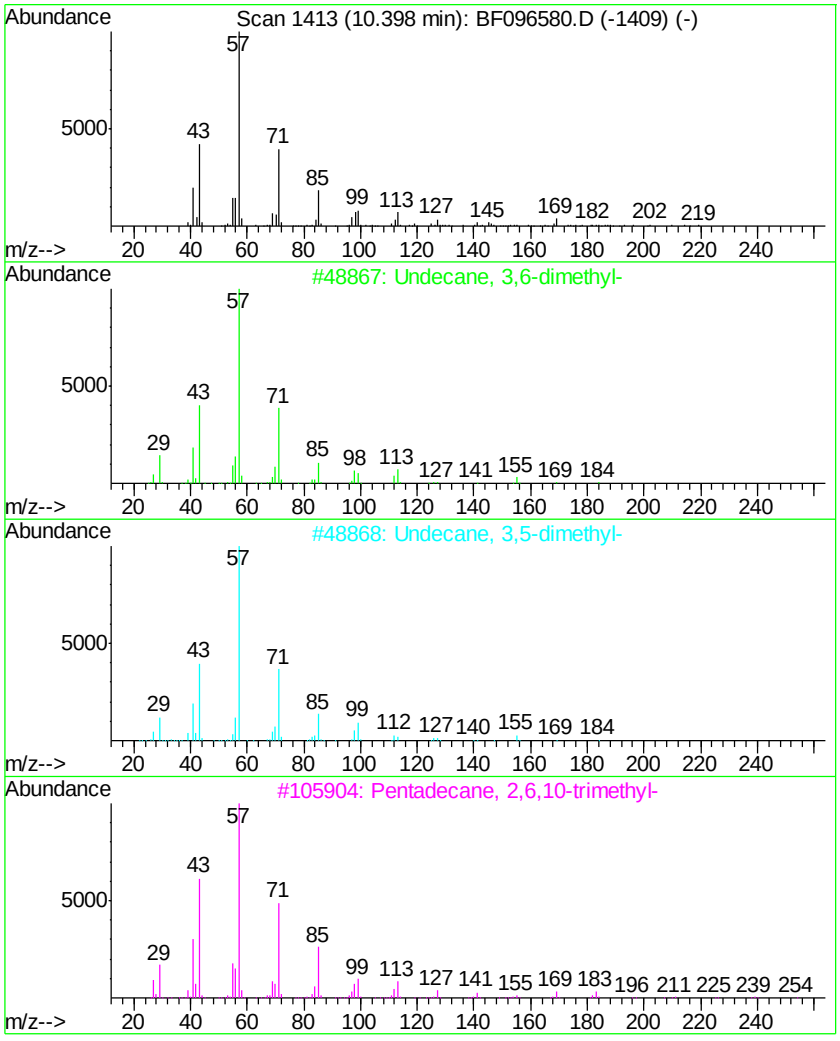
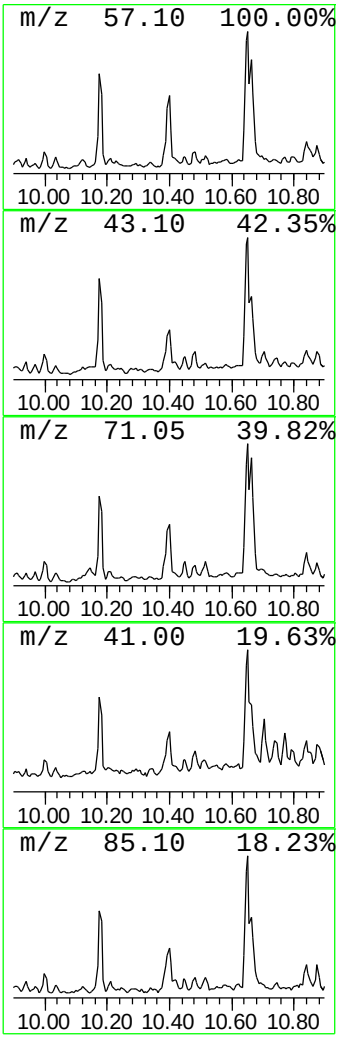
Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	7.52 ng	306738	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
5	Heneicosane	296	C21H44	000629-94-7	80





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

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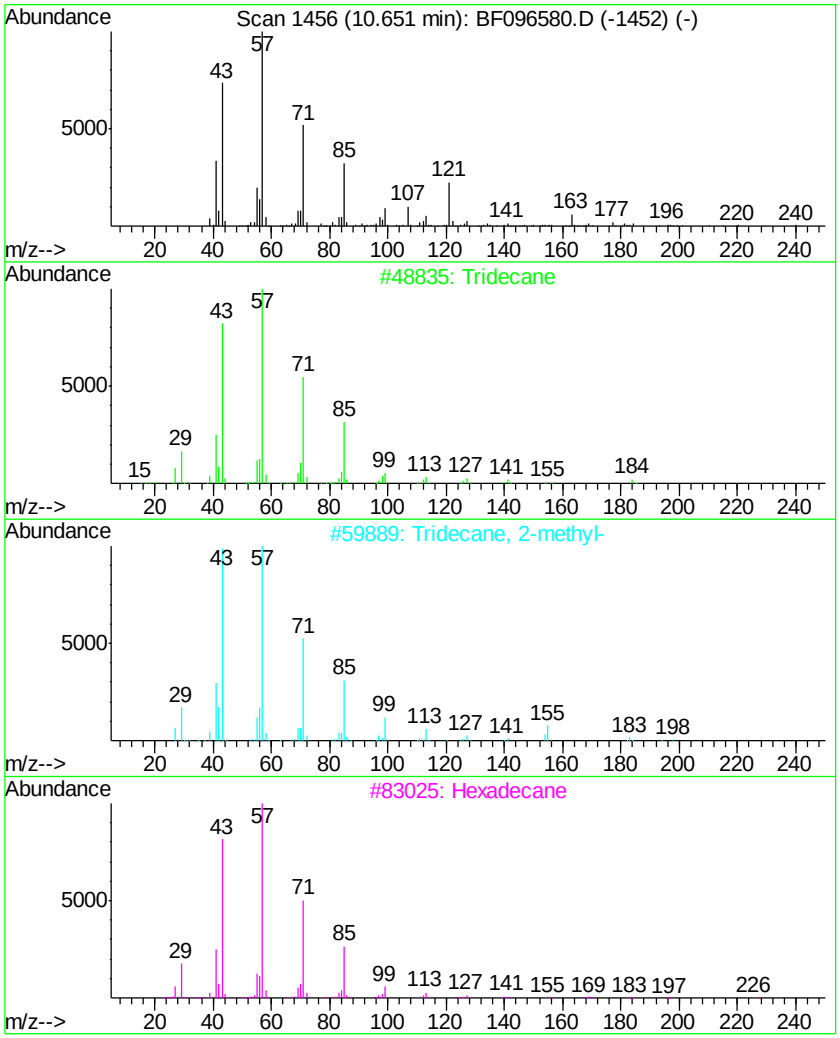
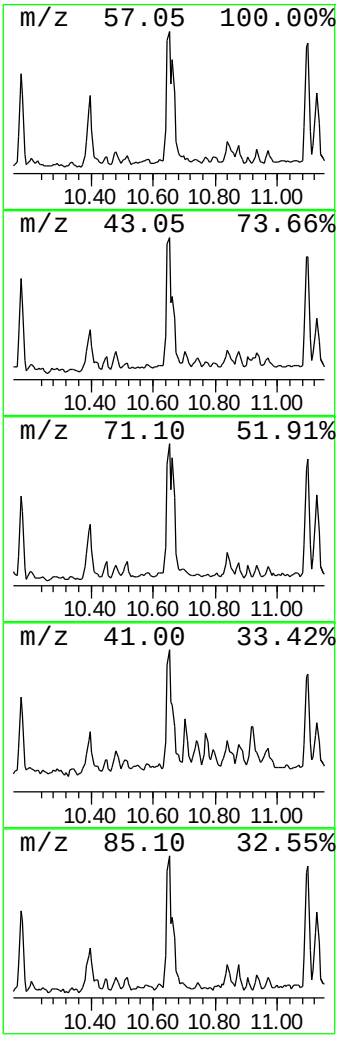
Peak Number 6 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	38.64 ng	1044260	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
3	Hexadecane	226	C16H34	000544-76-3	72
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
5	Eicosane	282	C20H42	000112-95-8	72





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Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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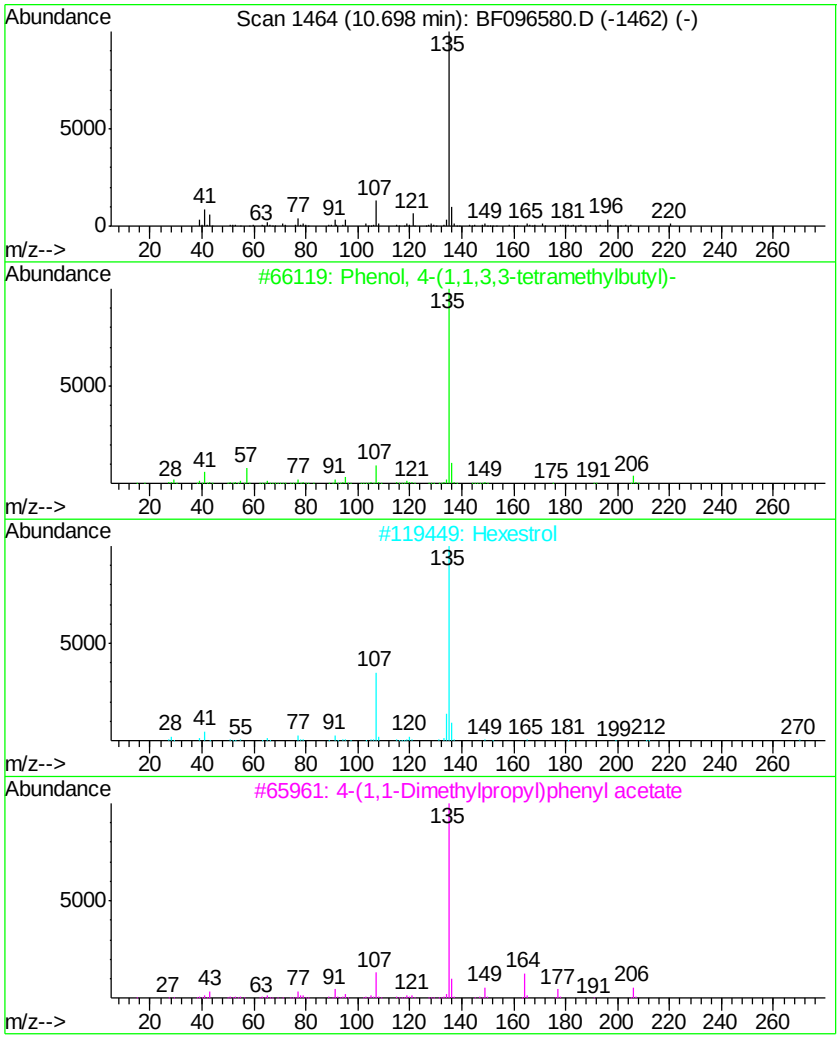
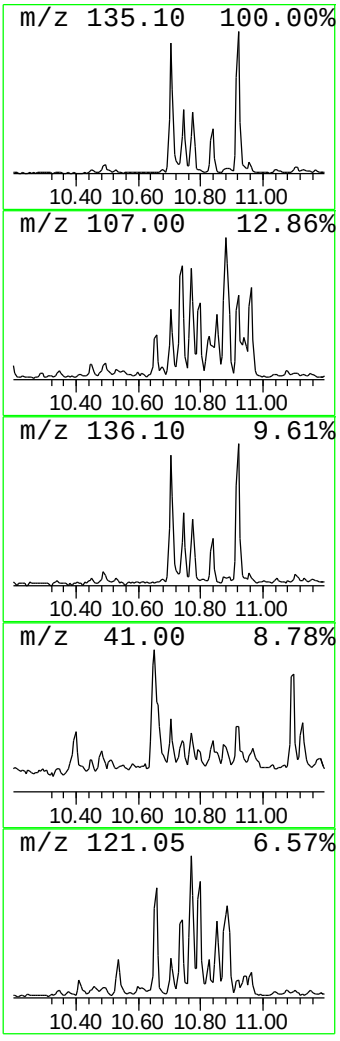
Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	14.69 ng	396864	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	Hexestrol	270	C18H22O2	000084-16-2	64
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
4	Bicyclo[4.1.0]heptane-7-methanol...	232	C10H17BrO	082252-98-0	64
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56





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Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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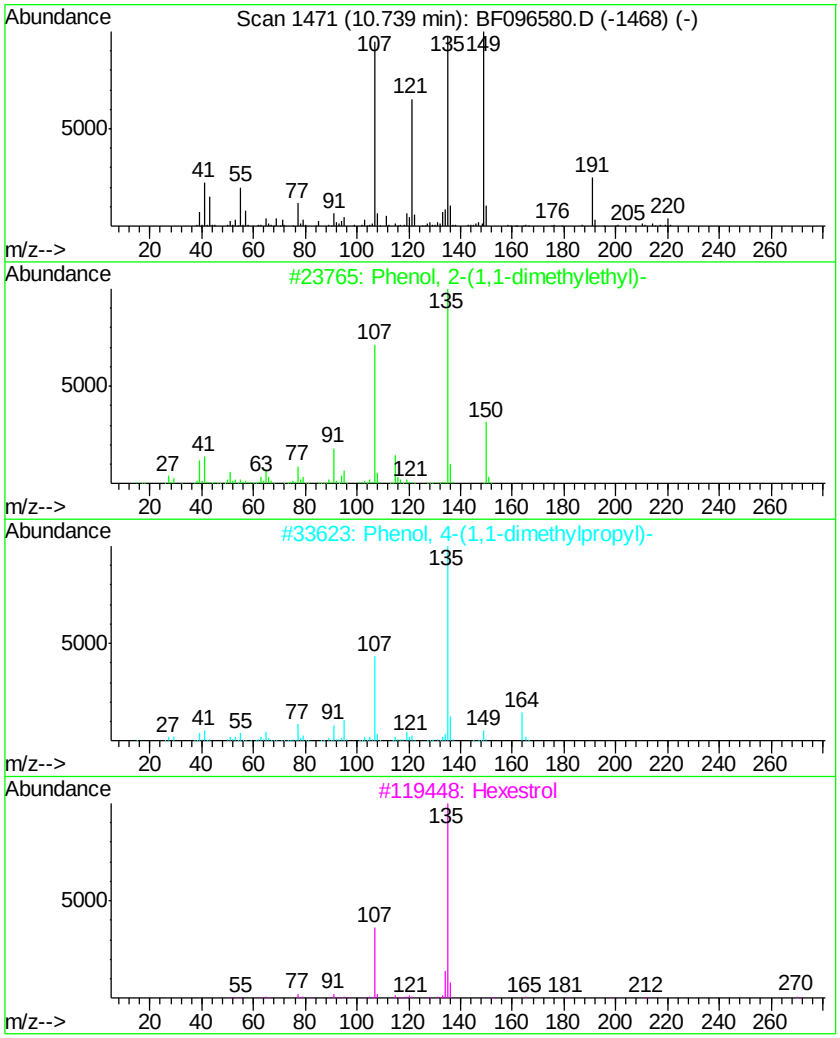
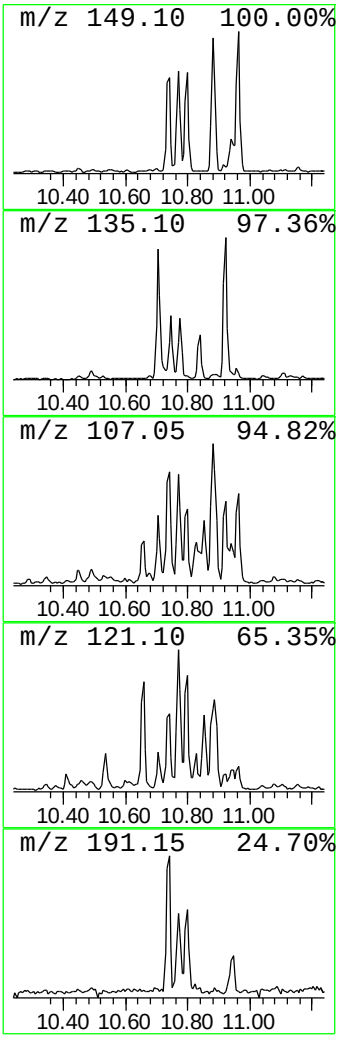
Peak Number 8 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	14.22 ng	384203	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	43
3	Hexestrol	270	C18H22O2	000084-16-2	43
4	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	43
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	43





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Acq On : 8 Jul 2017 1:04
Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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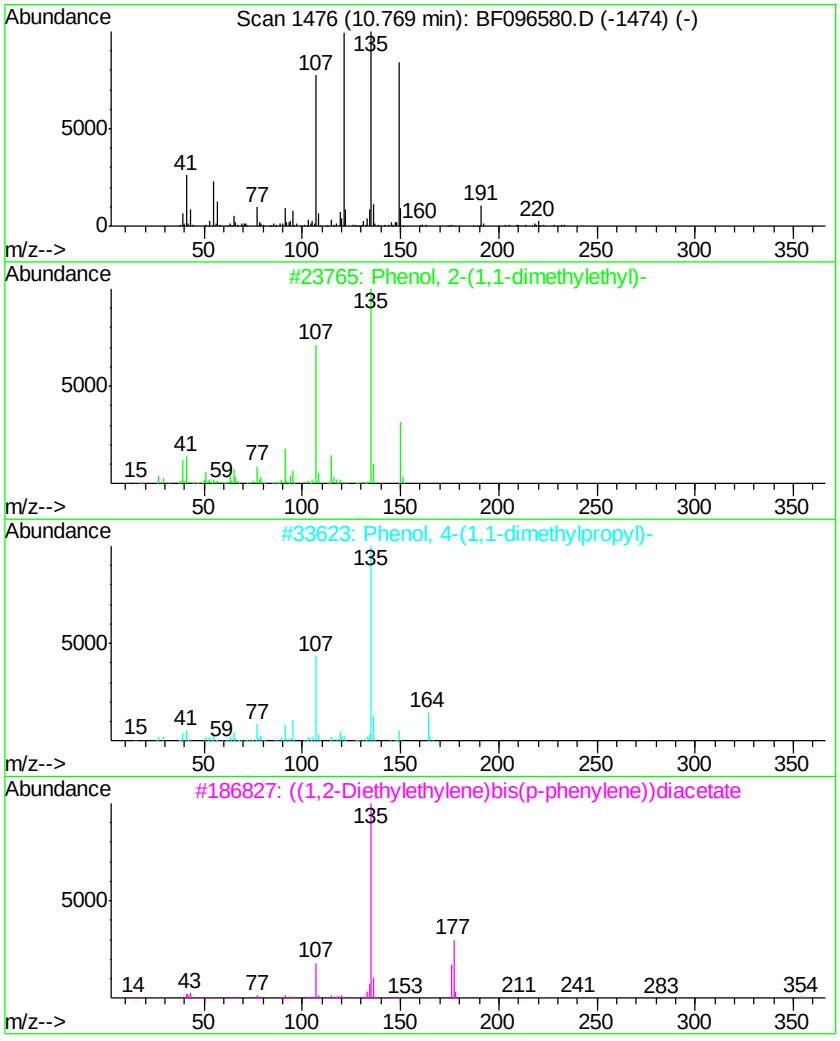
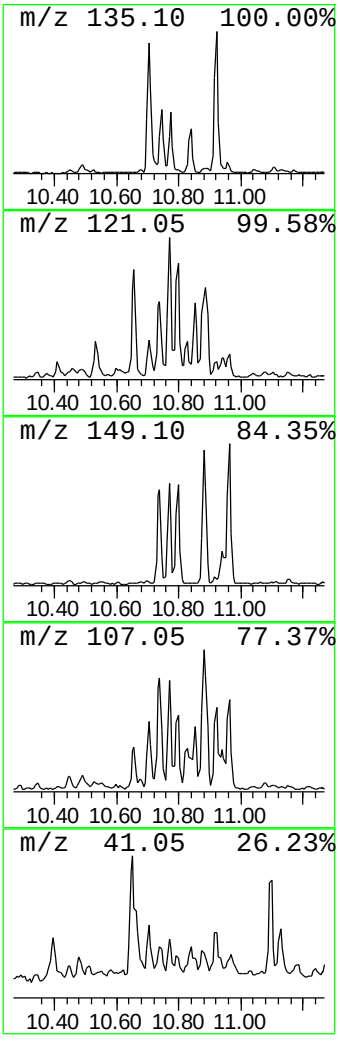
Peak Number 9 unknown10.77 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	13.81 ng	373153	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	45
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	38
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
5	Neodihydrocarveol	154	C10H18O	018675-34-8	35





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Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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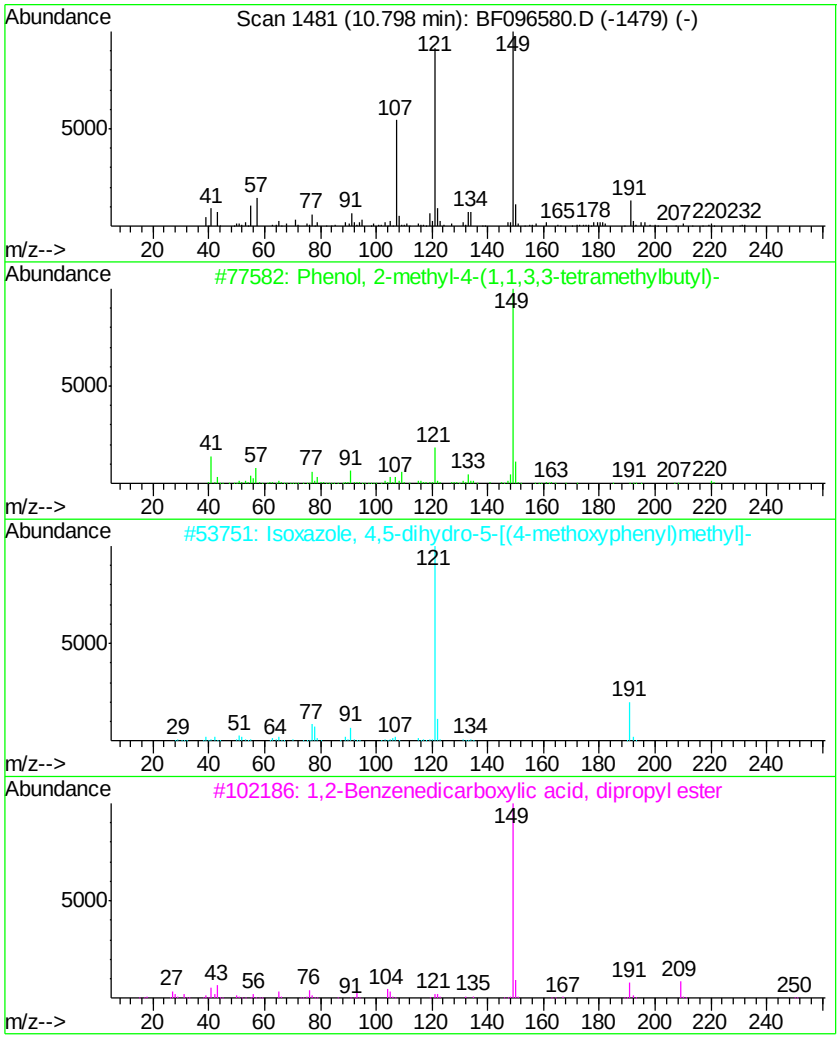
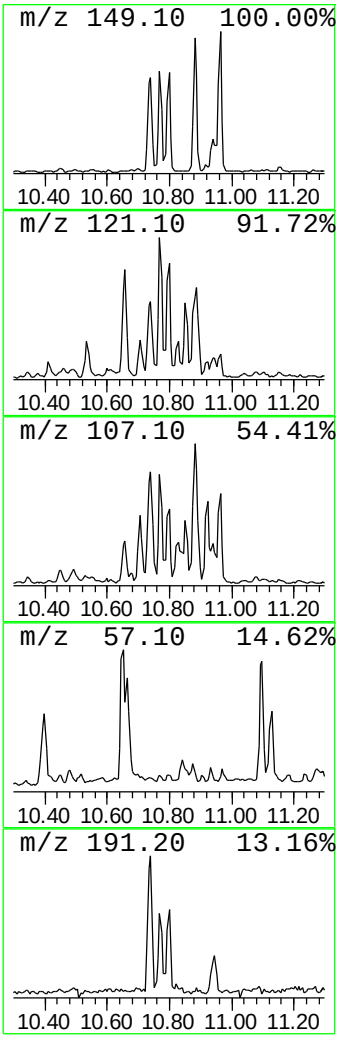
Peak Number 10 unknown10.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.63 ng	233266	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2	Isoxazole, 4,5-dihydro-5-[(4-met...	191	C11H13NO2	1000362-14-0	38
3	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	35
4	Phthalic acid, hex-2-yn-4-yl pro...	288	C17H20O4	1000315-19-1	35
5	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	27





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Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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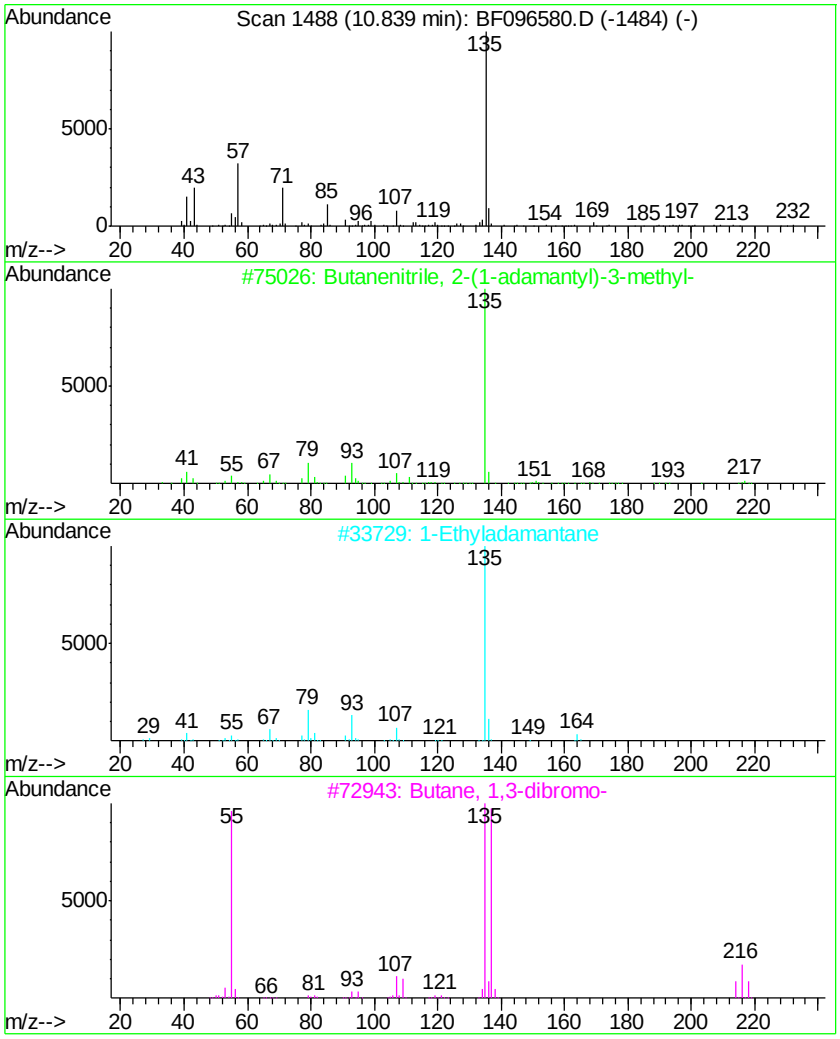
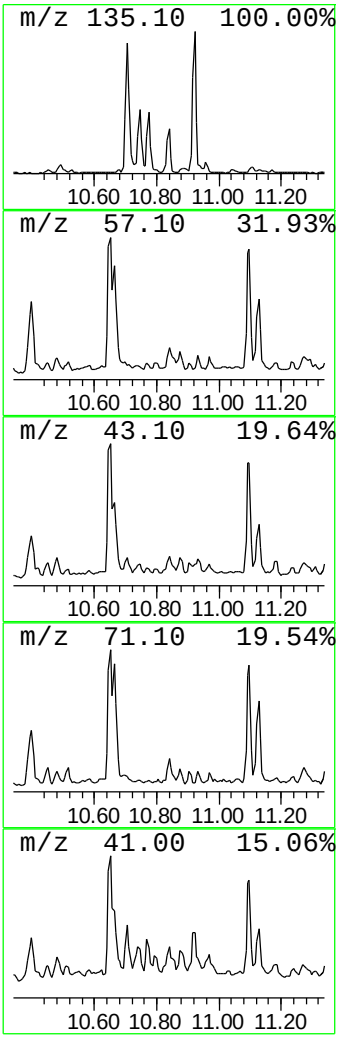
Peak Number 11 unknown10.84 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	10.51 ng	284093	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanenitrile, 2-(1-adamantyl)-3...	217	C15H23N	1000266-44-6	42
2	1-Ethyladamantane	164	C12H20	000770-69-4	42
3	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	42
4	1-Dodecanone, 2-(imidazol-1-yl)-...	356	C22H32N2O2	1000137-95-7	42
5	5-Bromovaleric acid, 1-adamantyl...	328	C16H25BrO2	1000299-98-2	42





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Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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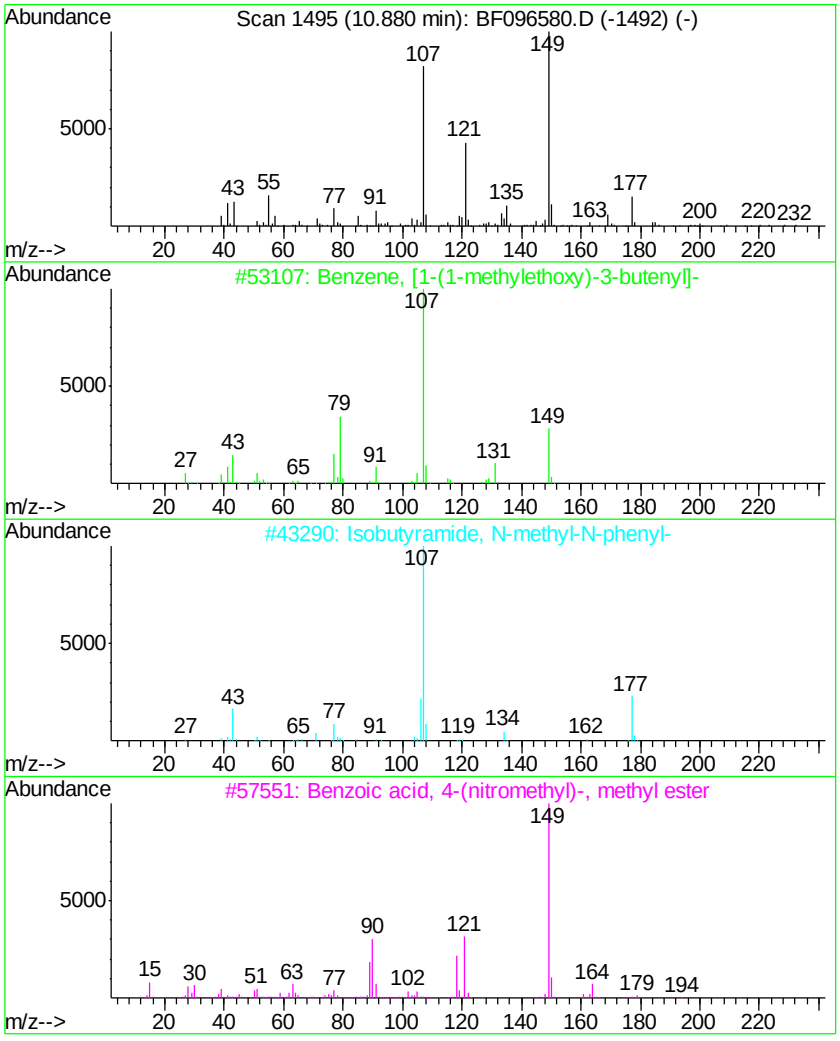
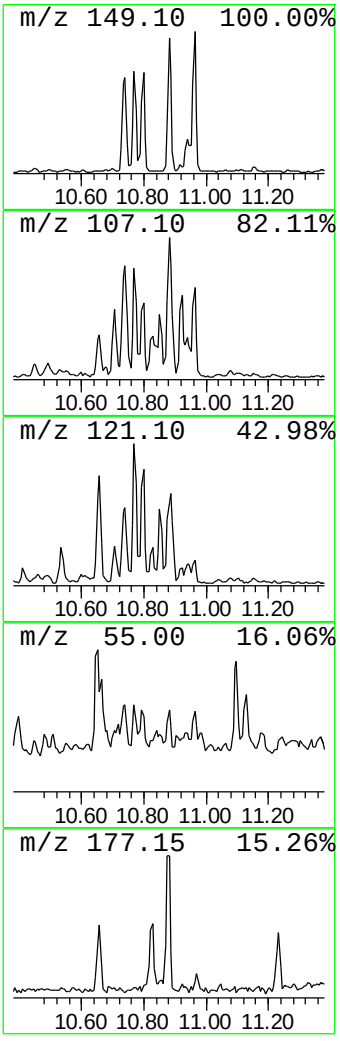
Peak Number 12 Benzene, [1-(1-methylethoxy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	14.37 ng	388287	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	50
2	Isobutyramide, N-methyl-N-phenyl-	177	C11H15NO	1000339-96-1	38
3	Benzoic acid, 4-(nitromethyl)-, ...	195	C9H9NO4	054833-06-6	35
4	3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	35
5	Benzaldehyde, 3-pentafluoropheno...	332	C15H9F5O3	329222-68-6	35





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Operator : SJ/MA
Sample : I4072-04
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ALS Vial : 18 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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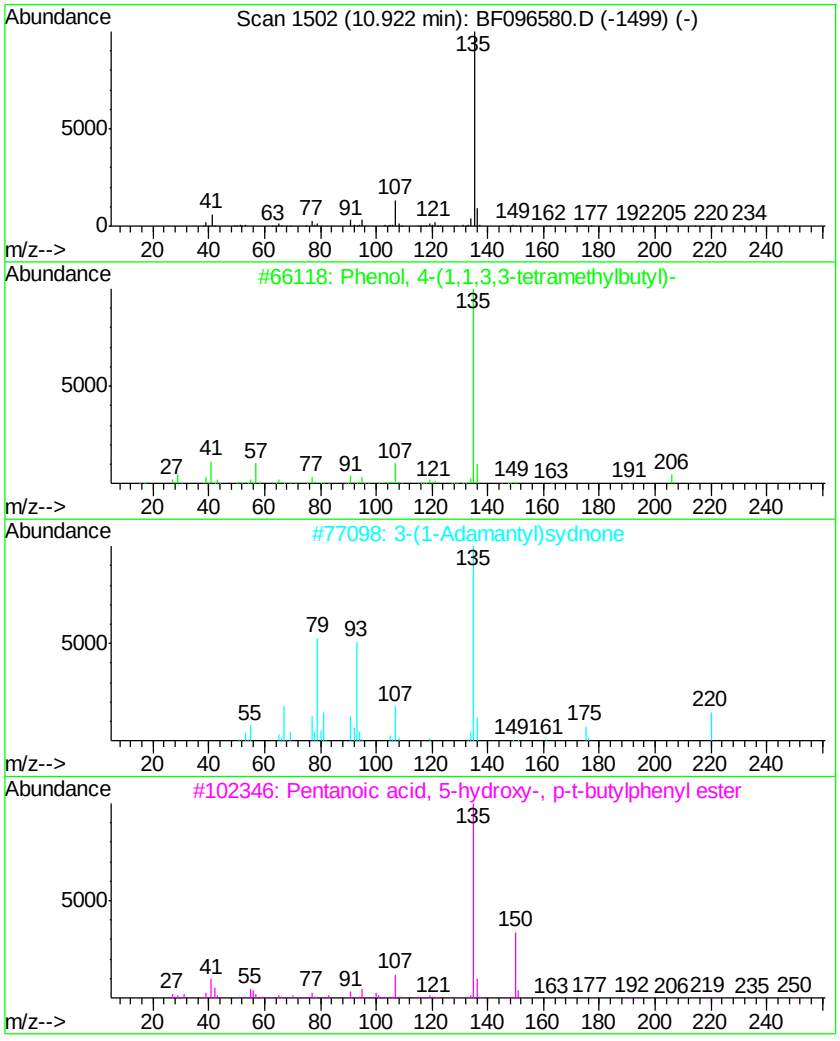
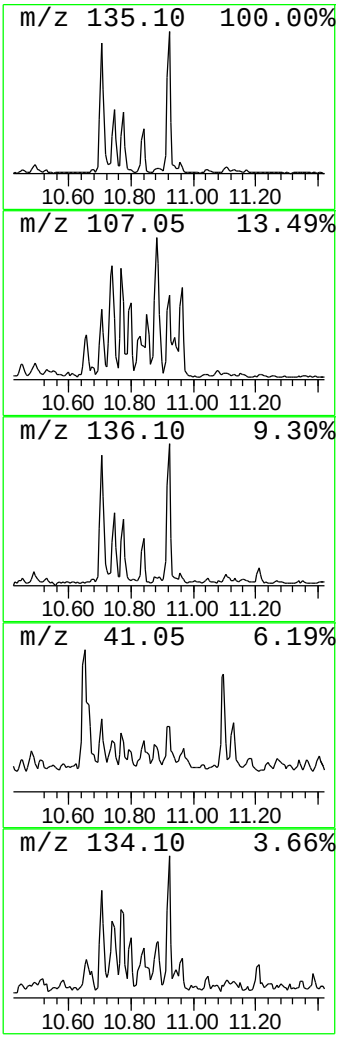
Peak Number 13 3-(1-Adamantyl)sydnone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	17.82 ng	481645	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	3-(1-Adamantyl)sydnone	220	C12H16N2O2	1000140-20-2	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56





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Misc :
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ClientSampleId : TR-05-070517-B

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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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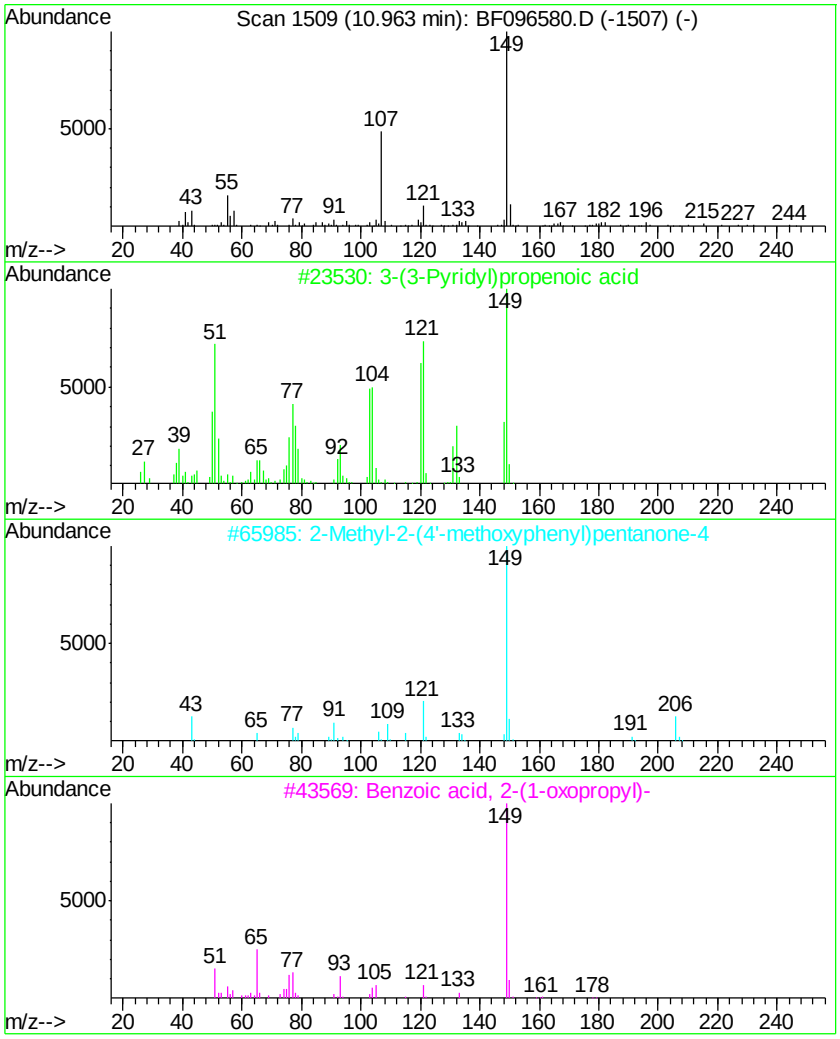
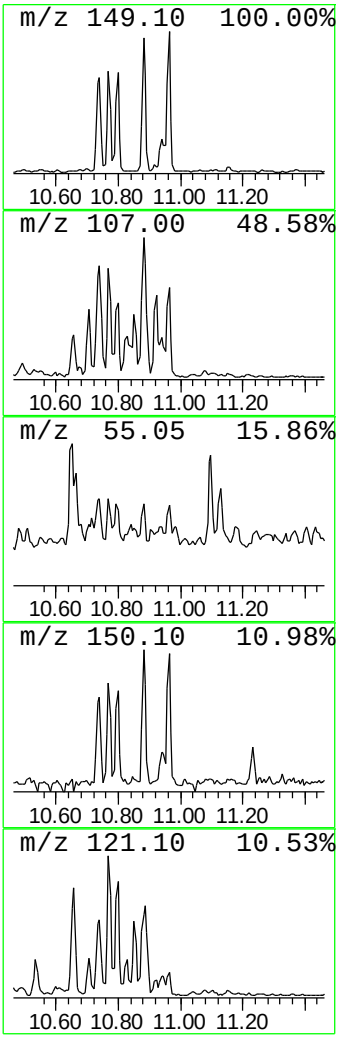
Peak Number 14 3-(3-Pyridyl)propenoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	9.27 ng	250451	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	52
2	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	50
3	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	50
4	Phthalic acid, butyl 4-isopropyl...	340	C21H24O4	1000315-22-1	50
5	Phthalic acid, butyl hept-3-yl e...	320	C19H28O4	1000356-98-7	47





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Sample : I4072-04
Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-070517-B

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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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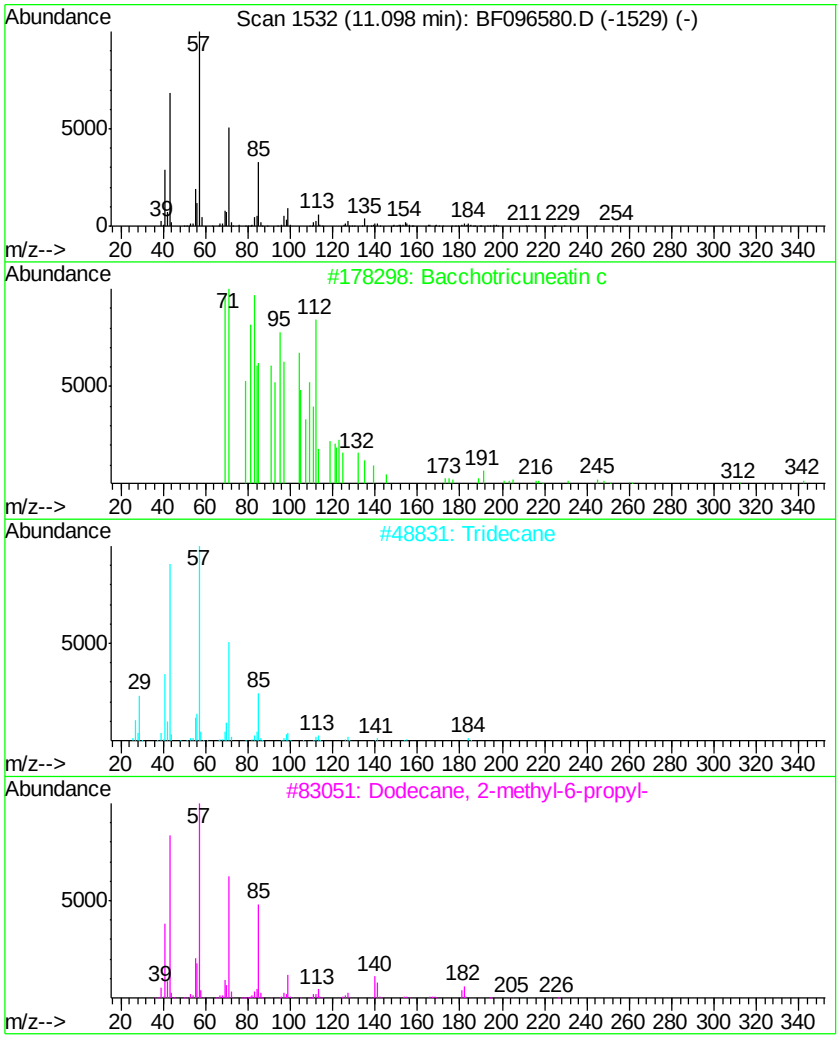
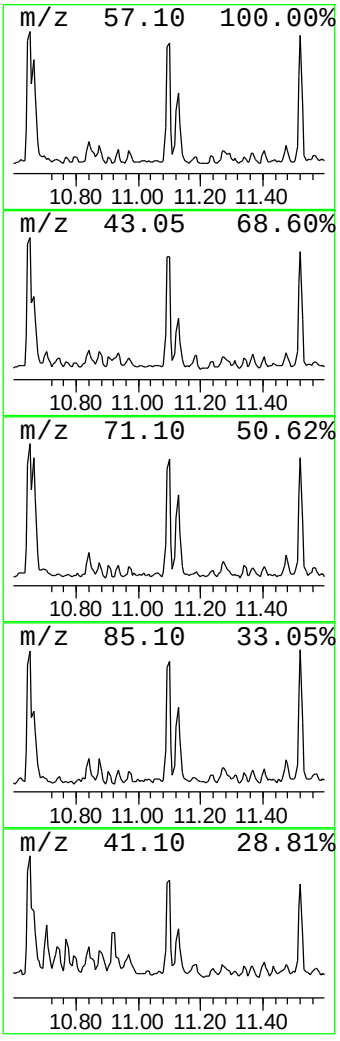
Peak Number 15 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	18.78 ng	507608	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Tridecane	184	C13H28	000629-50-5	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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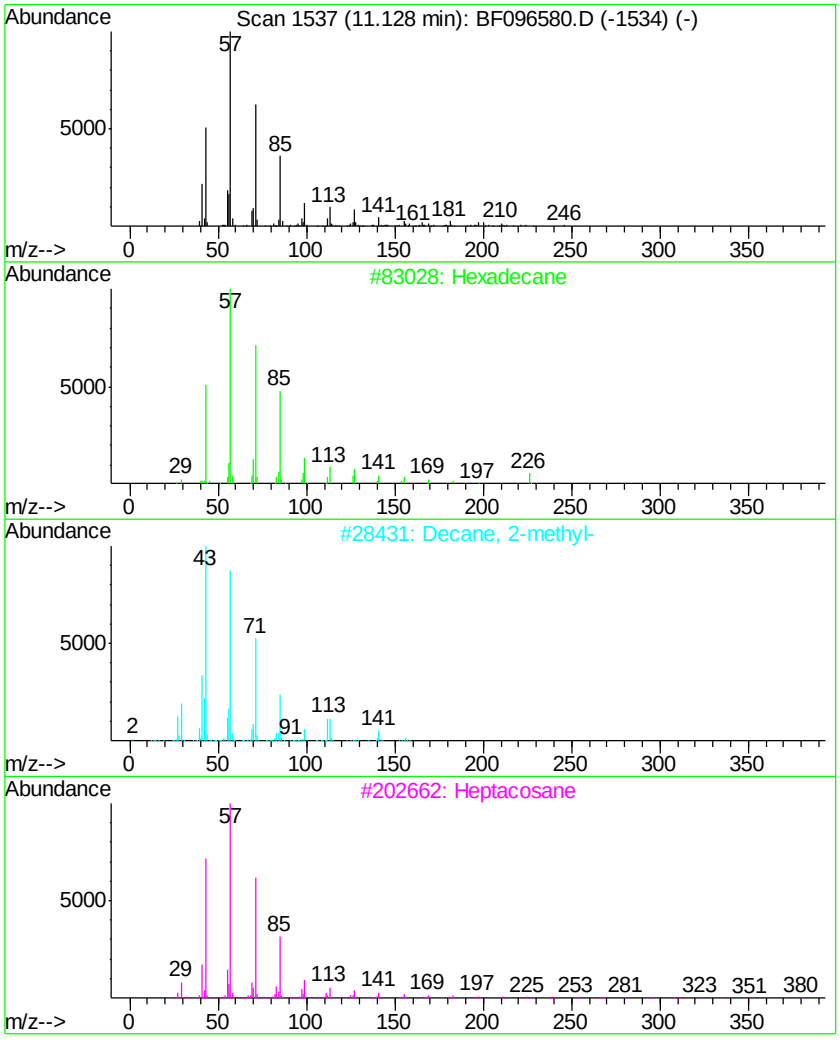
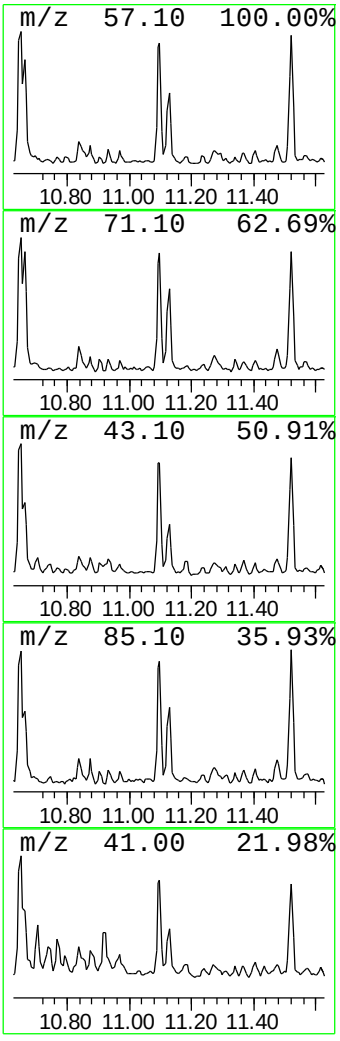
Peak Number 16 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	13.04 ng	352466	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tritetracontane	605	C43H88	007098-21-7	78
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78





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ClientSampleId :
TR-05-070517-B

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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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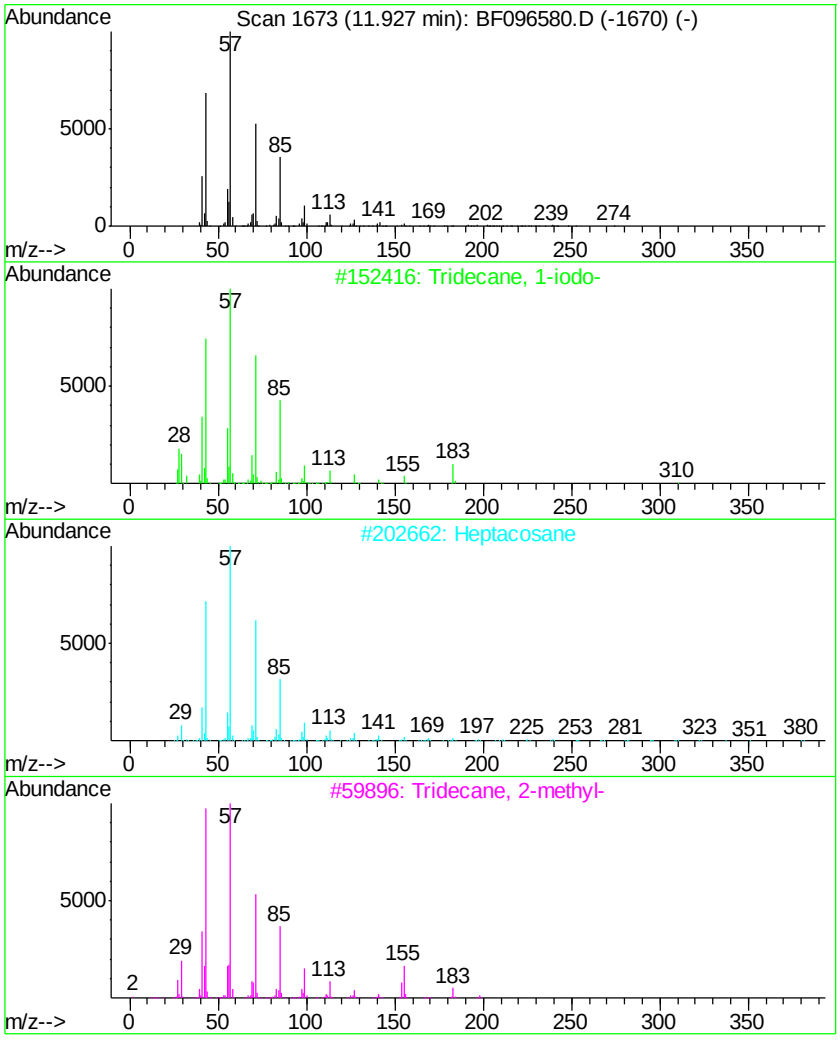
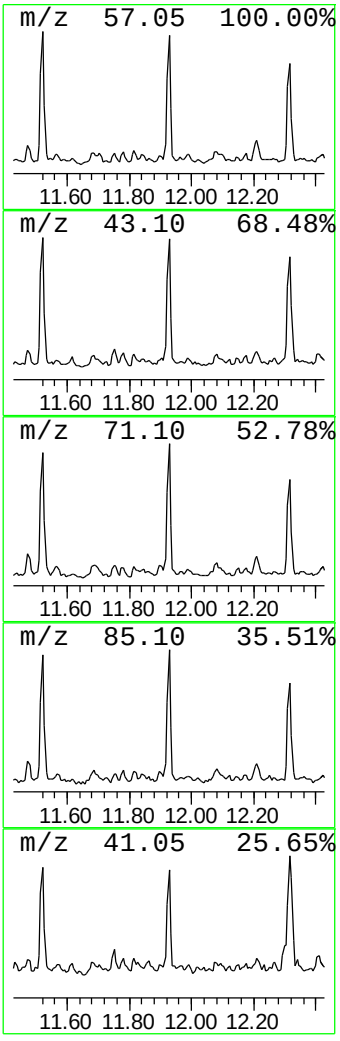
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	17.01 ng	459723	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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ClientSampleId : TR-05-070517-B

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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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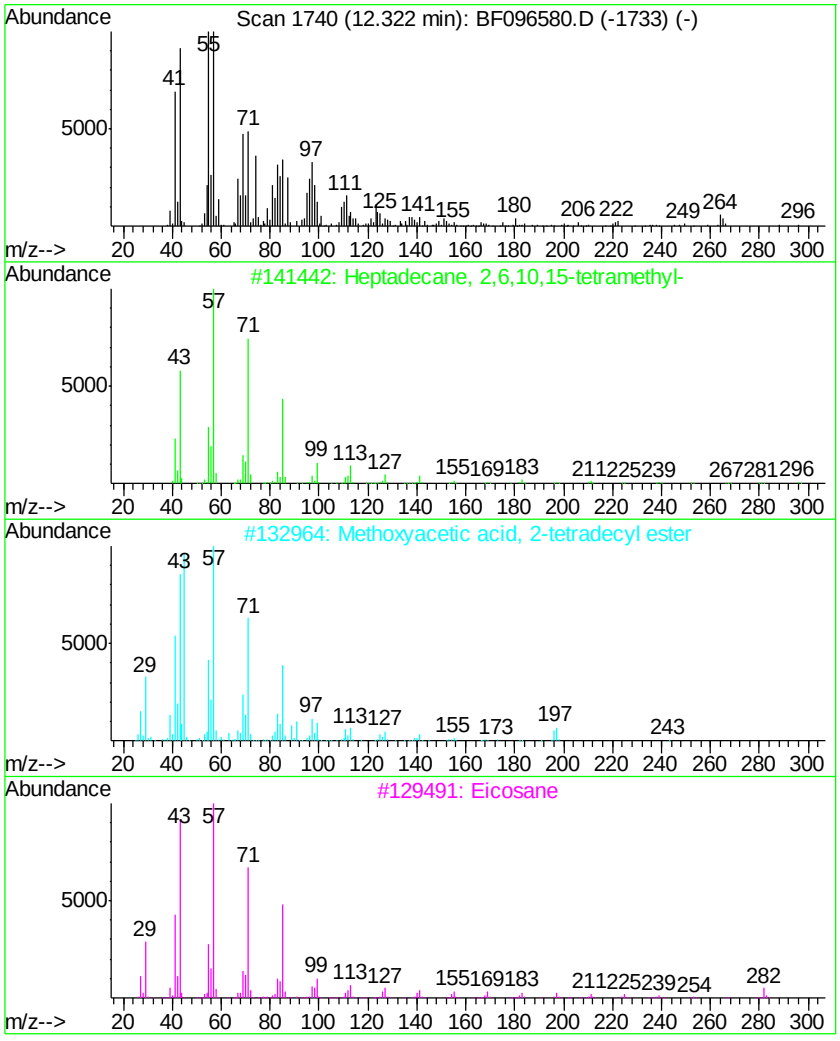
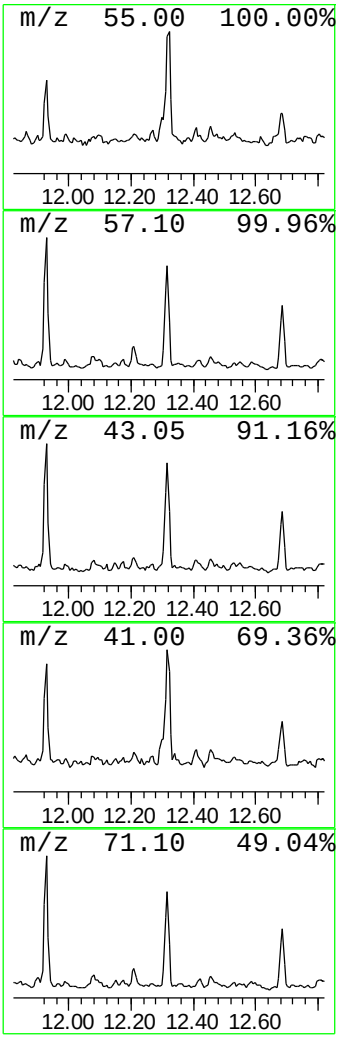
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	30.44 ng	822593	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
5	Tridecane	184	C13H28	000629-50-5	80





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Acq On : 8 Jul 2017 1:04
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Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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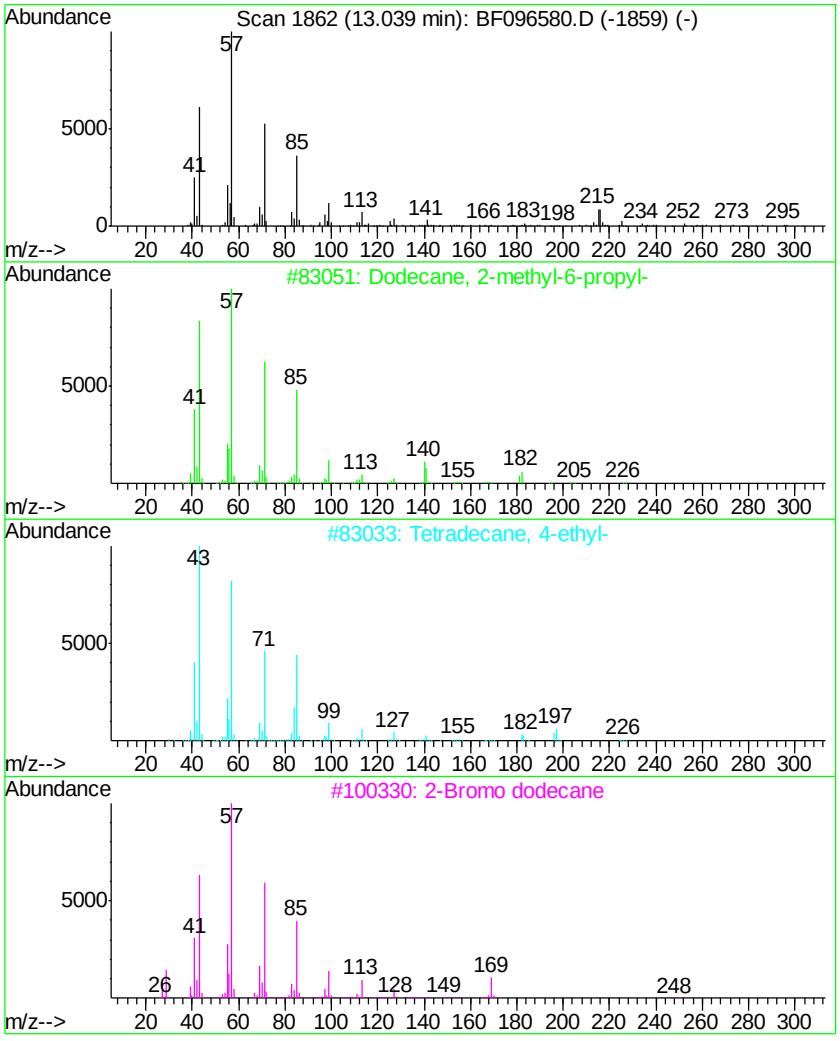
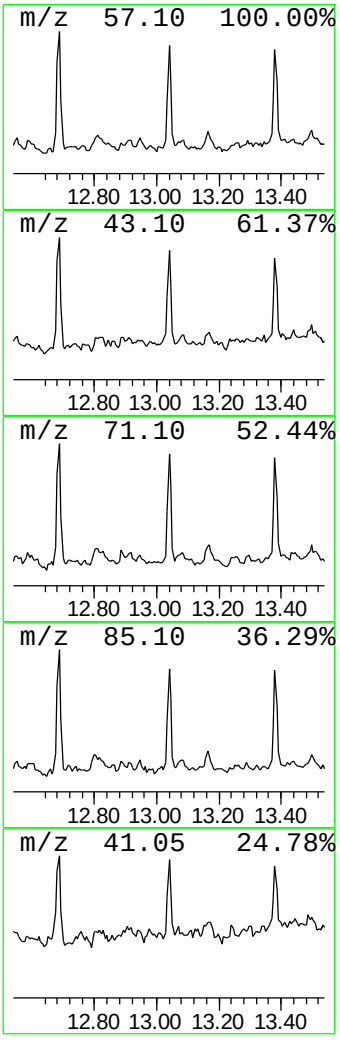
Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	7.49 ng	230774	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096580.D
Acq On : 8 Jul 2017 1:04
Operator : SJ/MA
Sample : I4072-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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...	4.87	11.4	ng	367135	1	6.70	643741	20.0
unknown6.47	6.47	65.4	ng	2106420	1	6.70	643741	20.0
Hexadecane	10.17	7.5	ng	305461	3	9.73	815941	20.0
Undecane, 3,6-dim...	10.40	7.5	ng	306738	3	9.73	815941	20.0
Tridecane	10.65	38.6	ng	1044260	4	11.21	540472	20.0
Phenol, 4-(1,1,3,...	10.70	14.7	ng	396864	4	11.21	540472	20.0
Phenol, 2-(1,1-di...	10.74	14.2	ng	384203	4	11.21	540472	20.0
unknown10.77	10.77	13.8	ng	373153	4	11.21	540472	20.0
unknown10.80	10.80	8.6	ng	233266	4	11.21	540472	20.0
unknown10.84	10.84	10.5	ng	284093	4	11.21	540472	20.0
Benzene, [1-(1-me...	10.88	14.4	ng	388287	4	11.21	540472	20.0
3-(1-Adamantyl)sy...	10.92	17.8	ng	481645	4	11.21	540472	20.0
3-(3-Pyridyl)prop...	10.96	9.3	ng	250451	4	11.21	540472	20.0
Bacchotricuneatin c	11.10	18.8	ng	507608	4	11.21	540472	20.0
Decane, 2-methyl-	11.13	13.0	ng	352466	4	11.21	540472	20.0
Tridecane, 1-iodo-	11.93	17.0	ng	459723	4	11.21	540472	20.0
Heptadecane, 2,6,...	12.32	30.4	ng	822593	4	11.21	540472	20.0
Dodecane, 2-methy...	13.04	7.5	ng	230774	5	13.84	615951	20.0