LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101734.D
Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

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-BF121417.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	3.834	292	297	304	rBV	12258	28046	1.17%	0.089%
2	5.010	494	497	514	rBV	117217	216090	9.02%	0.688%
3	5.410	562	565	598	rBV	1535308	2303305	96.11%	7.338%
4	6.434	736	739	757	rBV	1823851	2350838	98.10%	7.489%
5	6.563	757	761	766	rVV	2294095	2268972	94.68%	7.228%
6	6.610	766	769	777	rVB	169156	166699	6.96%	0.531%
7	6.787	796	799	807	rBV	823250	868715	36.25%	2.767%
8	6.851	807	810	812	rVV2	35966	48643	2.03%	0.155%
9	6.875	812	814	822	rVV	104357	116008	4.84%	0.370%
10	6.945	822	826	839	rVB	1920592	1851575	77.26%	5.898%
11	7.110	851	854	860	rVB4	33343	41307	1.72%	0.132%
12	7.357	893	896	913	rBV	1237982	1601681	66.84%	5.102%
13	7.475	913	916	921	rVB2	22317	33509	1.40%	0.107%
14	7.781	964	968	971	rBV	379782	343666	14.34%	1.095%
15	8.039	1009	1012	1014	rBV	44295	34067	1.42%	0.109%
16	8.069	1014	1017	1038	rVB	1042167	1126768	47.02%	3.589%
17	8.645	1110	1115	1120	rBV	55519	52619	2.20%	0.168%
18	8.710	1120	1126	1130	rBV4	13348	26343	1.10%	0.084%
19	9.010	1173	1177	1183	rBV	309643	291659	12.17%	0.929%
20	9.122	1193	1196	1197	rBV	419498	321151	13.40%	1.023%
21	9.145	1197	1200	1208	rVV	2656227	2396450	100.00%	7.634%
22	9.210	1208	1211	1214	rVV	134305	112877	4.71%	0.360%
23	9.251	1215	1218	1221	rVB	43306	37182	1.55%	0.118%
24	9.422	1242	1247	1251	rBV3	19716	32166	1.34%	0.102%
25	9.486	1256	1258	1261	rVB2	34224	30015	1.25%	0.096%
26	9.545	1265	1268	1269	rVV	120917	121786	5.08%	0.388%
27	9.563	1269	1271	1274	rVB	346270	257396	10.74%	0.820%
28	9.739	1298	1301	1305	rVB	275050	213730	8.92%	0.681%
29	9.828	1309	1316	1322	rVB	1040569	1046897	43.69%	3.335%
30	9.969	1337	1340	1343	rBV3	31004	40581	1.69%	0.129%
31	10.028	1347	1350	1353	rVB2	61640	58499	2.44%	0.186%
32	10.075	1353	1358	1361	rBV3	86133	151833	6.34%	0.484%
33	10.098	1361	1362	1365	rVB2	43532	26258	1.10%	0.084%
34	10.139	1366	1369	1372	rBV	49421	54372	2.27%	0.173%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.175	1372	1375	1378	rVB3	41659	41691	1.74%	0.133%
36	10.216	1378	1382	1384	rBV	114791	128645	5.37%	0.410%
37	10.239	1384	1386	1389	rVB	448551	332663	13.88%	1.060%
38	10.445	1418	1421	1426	rBV2	428918	452427	18.88%	1.441%
39	10.480	1426	1427	1430	rVB3	47539	32140	1.34%	0.102%
40	10.516	1430	1433	1435	rBV2	48953	51884	2.17%	0.165%
41	10.539	1435	1437	1441	rBV2	72327	62074	2.59%	0.198%
42	10.580	1441	1444	1447	rBV3	54467	52078	2.17%	0.166%
43	10.622	1448	1451	1459	rBV	683556	790167	32.97%	2.517%
44	10.716	1464	1467	1476	rVB	596927	790636	32.99%	2.519%
45	10.786	1477	1479	1481	rBV2	26175	27052	1.13%	0.086%
46	10.810	1481	1483	1486	rBV2	33289	47060	1.96%	0.150%
47	10.857	1489	1491	1494	rVB3	31634	27018	1.13%	0.086%
48	10.904	1497	1499	1500	rBV	52296	46369	1.93%	0.148%
49	10.975	1508	1511	1513	rBV2	43740	40910	1.71%	0.130%
50	10.998	1513	1515	1518	rVB2	69098	63841	2.66%	0.203%
51	11.033	1519	1521	1523	rBV	64254	64831	2.71%	0.207%
52	11.163	1539	1543	1545	rBV	693872	574958	23.99%	1.832%
53	11.192	1545	1548	1550	rVB	306030	292481	12.20%	0.932%
54	11.322	1566	1570	1573	rBV	858048	839625	35.04%	2.675%
55	11.404	1582	1584	1587	rBV4	74429	82026	3.42%	0.261%
56	11.433	1587	1589	1592	rVV2	90005	87176	3.64%	0.278%
57	11.469	1593	1595	1598	rVV2	130045	119986	5.01%	0.382%
58	11.510	1600	1602	1604	rVV2	134390	134542	5.61%	0.429%
59	11.539	1605	1607	1610	rVB	107572	98954	4.13%	0.315%
60	11.586	1612	1615	1619	rVB	755306	635870	26.53%	2.026%
61	11.651	1624	1626	1628	rVB	96209	77407	3.23%	0.247%
62	11.833	1653	1657	1658	rBV2	157200	186888	7.80%	0.595%
63	11.998	1682	1685	1687	rBV	606860	545049	22.74%	1.736%
64	12.022	1687	1689	1691	rVV2	100181	102105	4.26%	0.325%
65	12.057	1693	1695	1699	rVB3	220751	210110	8.77%	0.669%
66	12.245	1725	1727	1730	rBV2	133193	112397	4.69%	0.358%
67	12.386	1746	1751	1756	rBV3	536034	657621	27.44%	2.095%
68	12.486	1766	1768	1772	rVB3	177126	184727	7.71%	0.588%
69	12.757	1811	1814	1816	rBV	401942	356397	14.87%	1.135%
70	12.898	1835	1838	1842	rVB	1511606	1436305	59.93%	4.576%
71	13.110	1872	1874	1877	rVB2	266929	224801	9.38%	0.716%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : HALSTED-EW

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.451	1929	1932	1938	rBV3	287054	344592	14.38%	1.098%
73	13.780	1985	1988	1995	rVB	457026	510227	21.29%	1.625%
74	13.916	2009	2011	2014	rBV	205767	196482	8.20%	0.626%
75	13.974	2018	2021	2026	rVB	751229	755003	31.51%	2.405%
76	14.804	2159	2162	2165	rBV2	119142	132301	5.52%	0.421%
77	15.439	2266	2270	2279	rVB	561304	769565	32.11%	2.452%

Sum of corrected areas: 31390784

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101734.D
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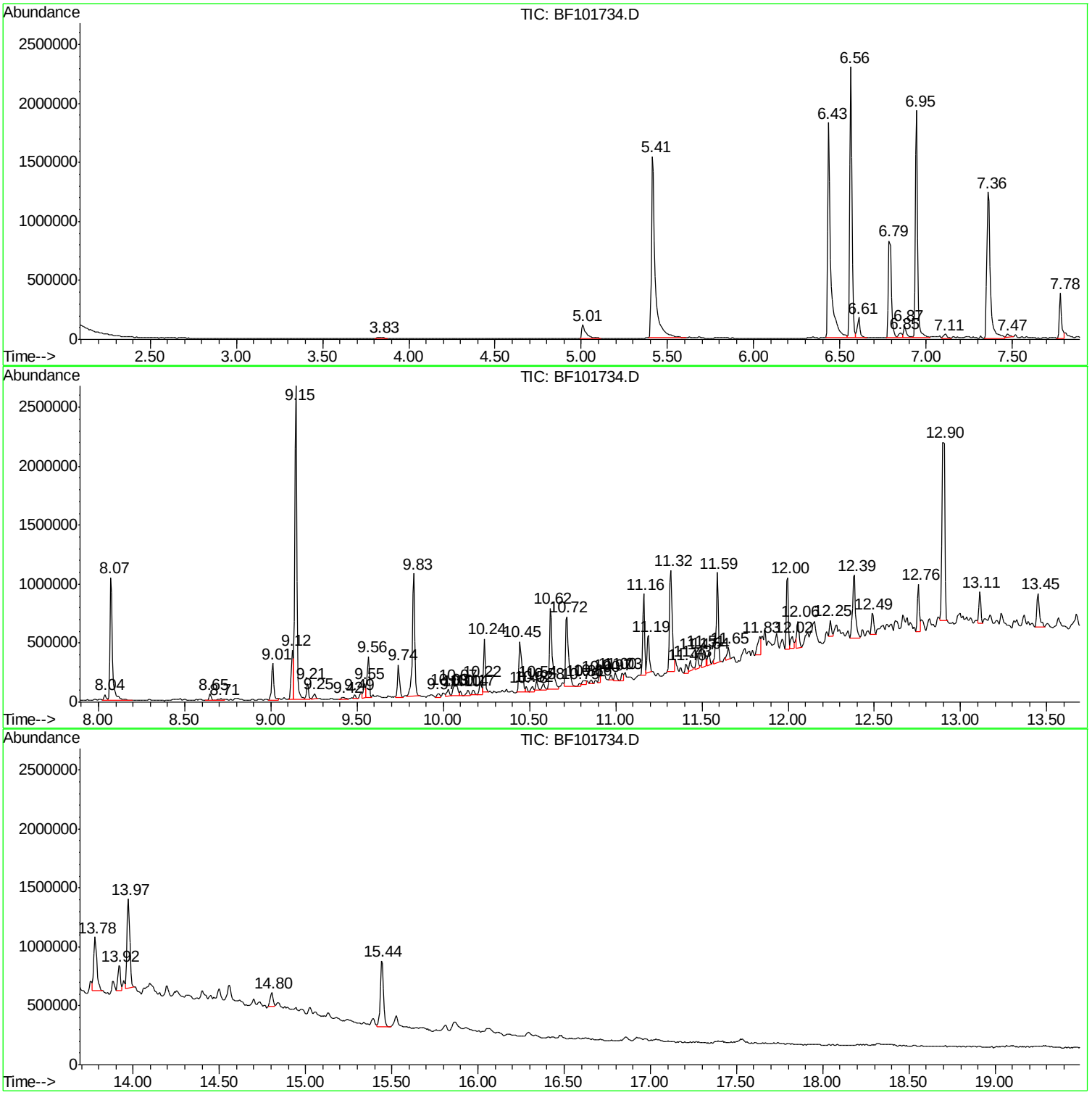
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122617\
Data File : BF101734.D
Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

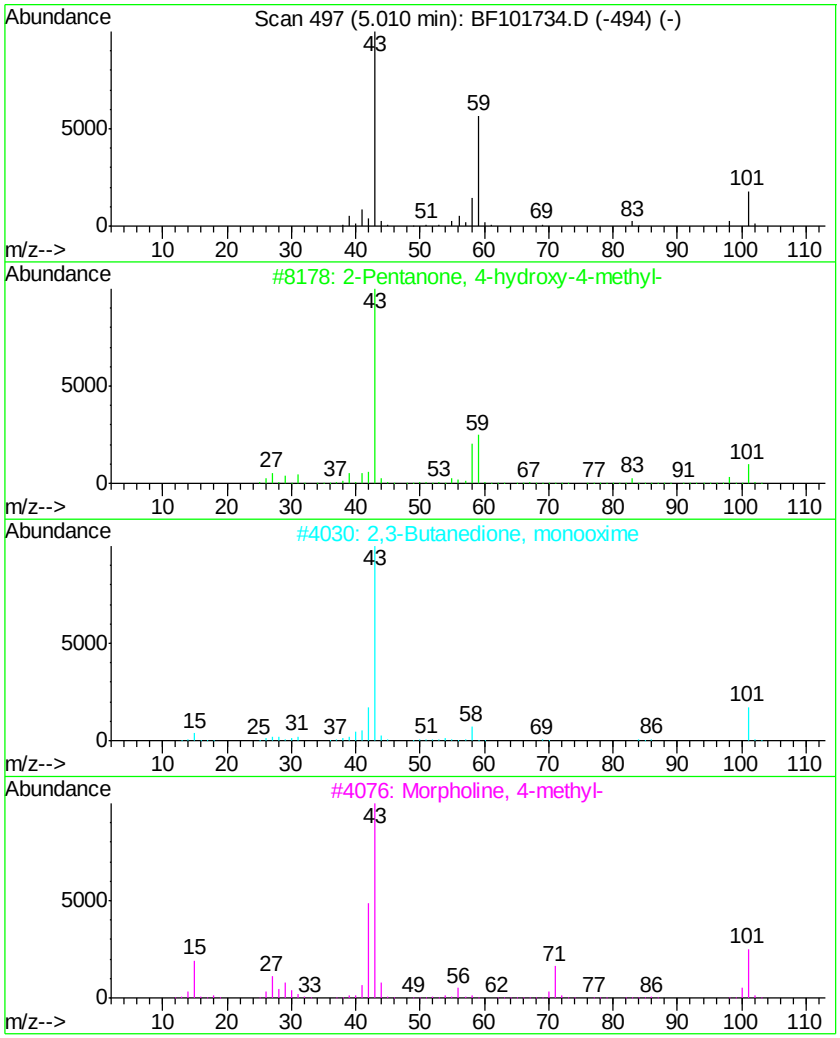
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

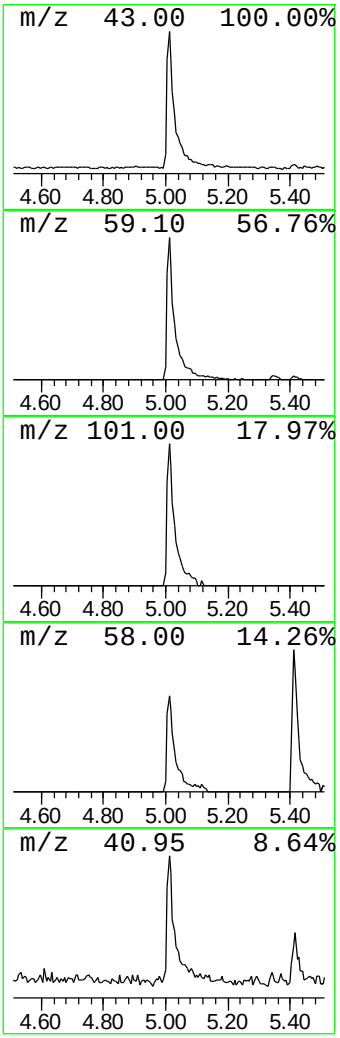
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	4.97 ng	216090	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101734.D
Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

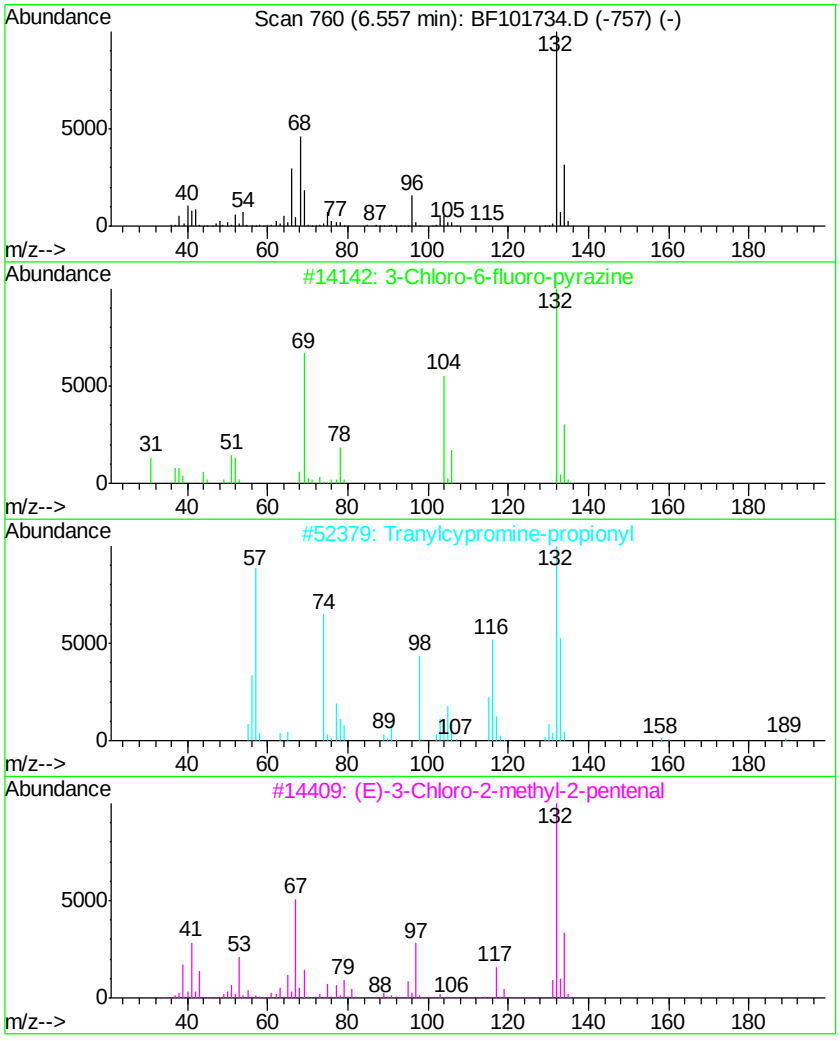
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

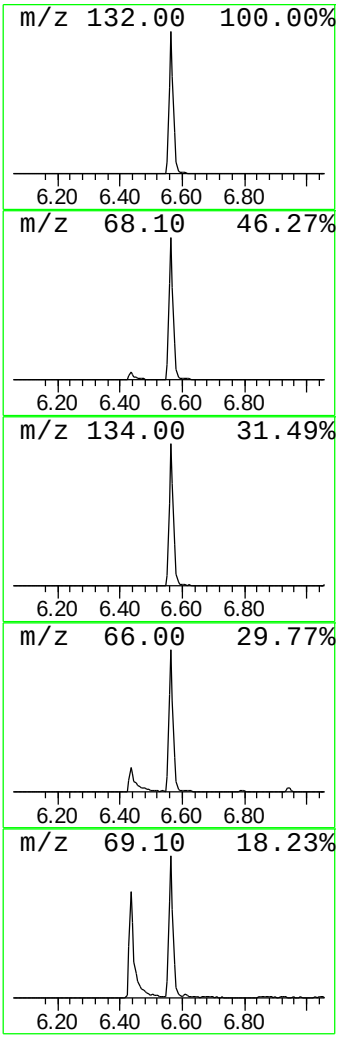
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	52.24 ng	2268970	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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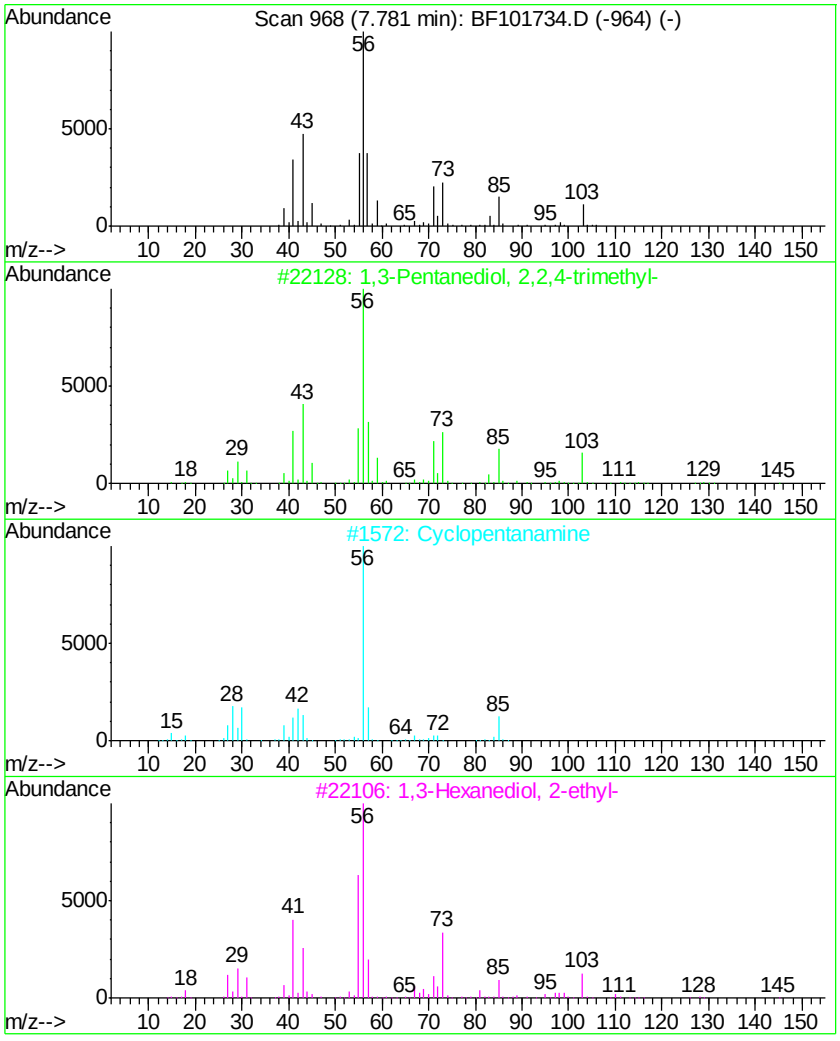
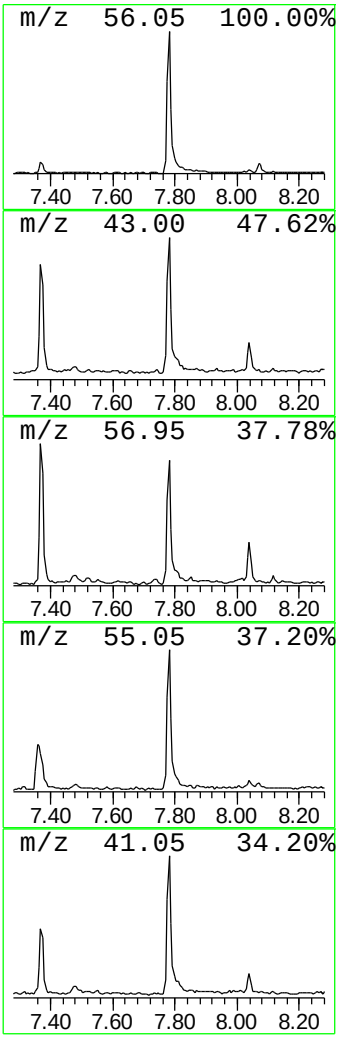
****

Peak Number 4 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	6.10 ng	343666	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	90
2	Cyclopentanamine	85	C5H11N	001003-03-8	32
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	23
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	17
5	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	17





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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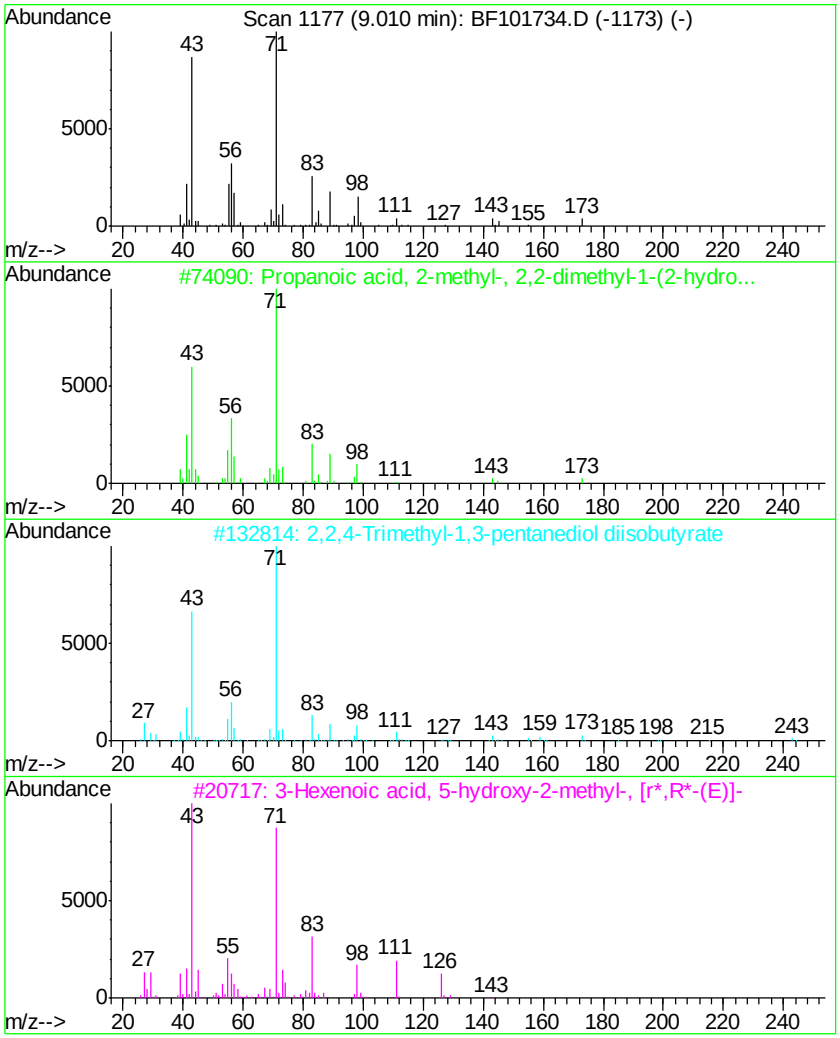
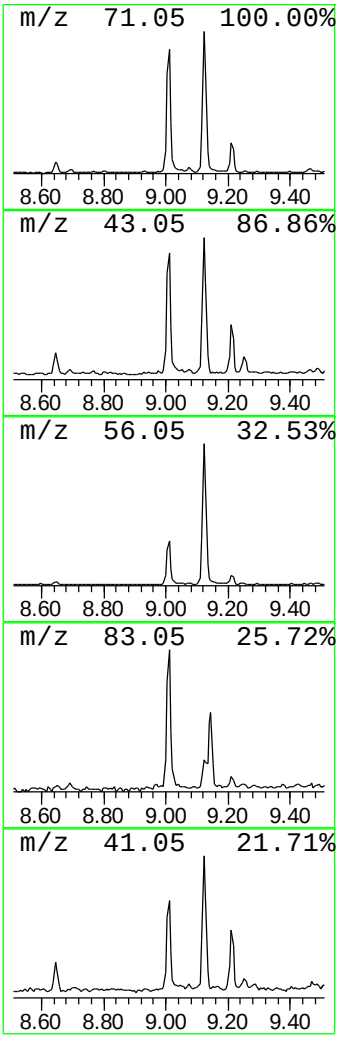
Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	5.57 ng	291659	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	90
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
3	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	59
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	40
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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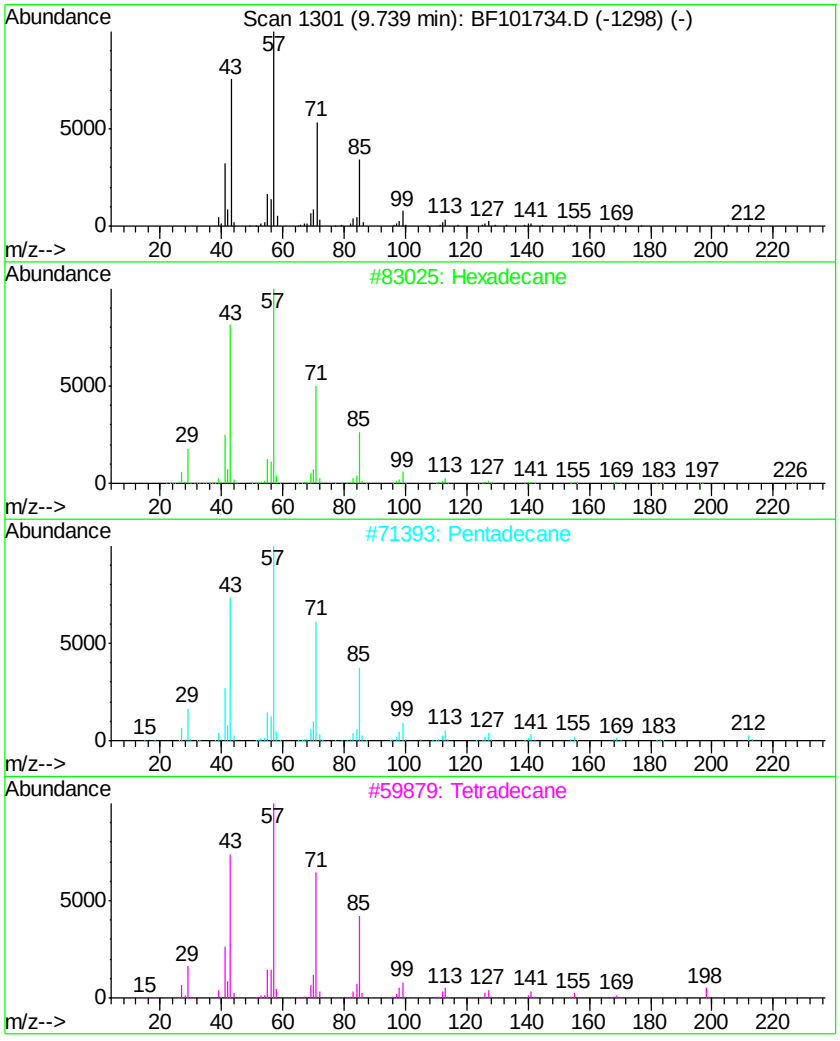
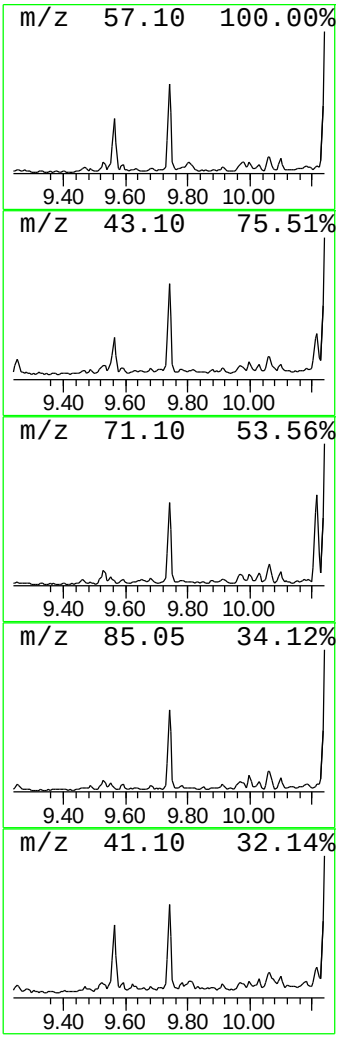
Peak Number 6 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	4.08 ng	213730	Acenaphthene-d10	9.83

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	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Data File : BF101734.D
Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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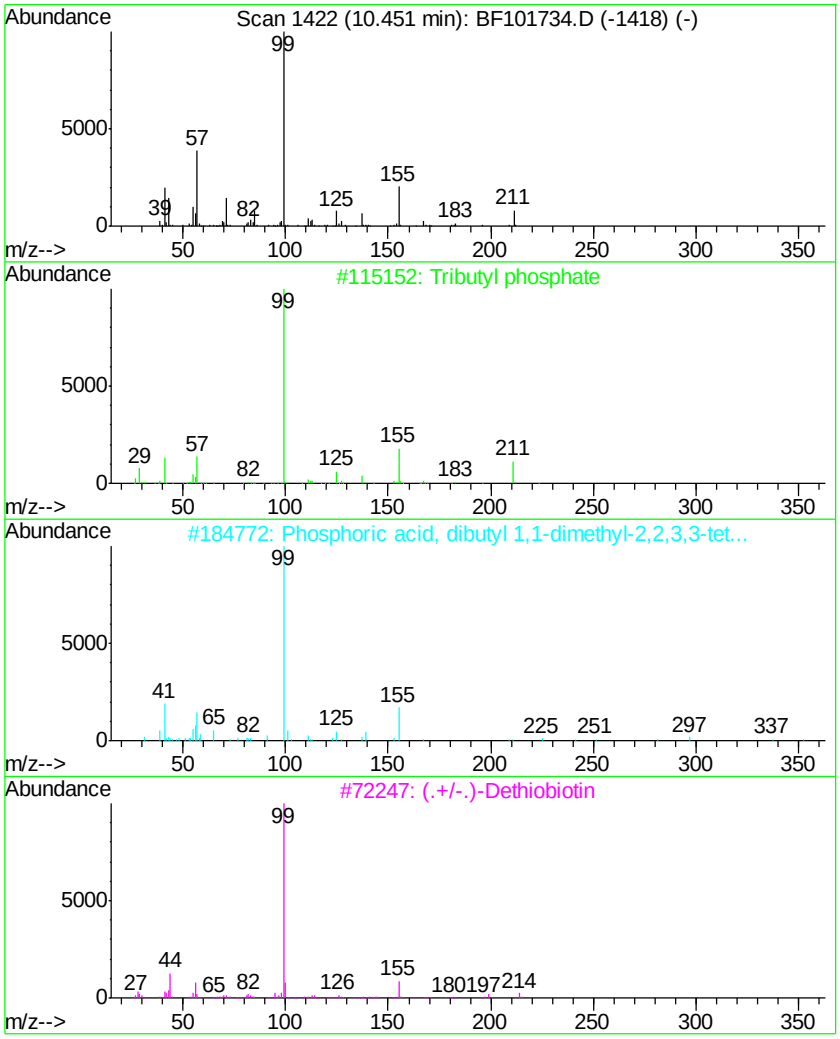
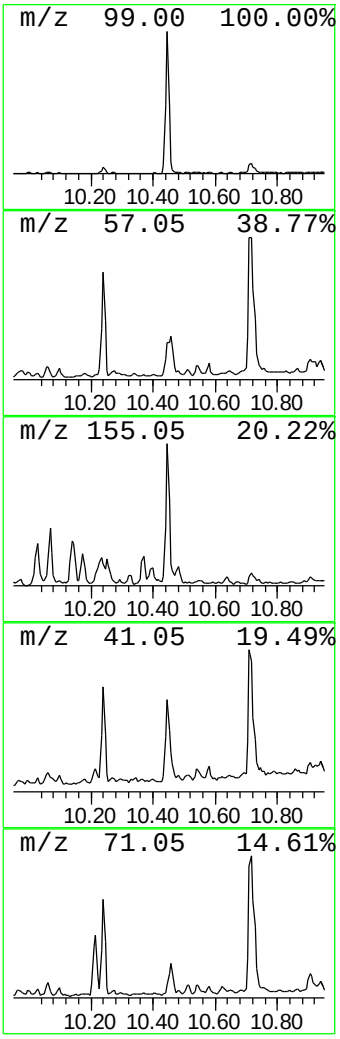
Peak Number 8 Tributyl phosphate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	8.64 ng	452427	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	83
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	40
3	(.+/-.)-Dethiobiotin	214	C10H18N2O3	000636-20-4	36
4	2-Butenedioic acid (Z)-, dibutyl...	228	C12H20O4	000105-76-0	36
5	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	36





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Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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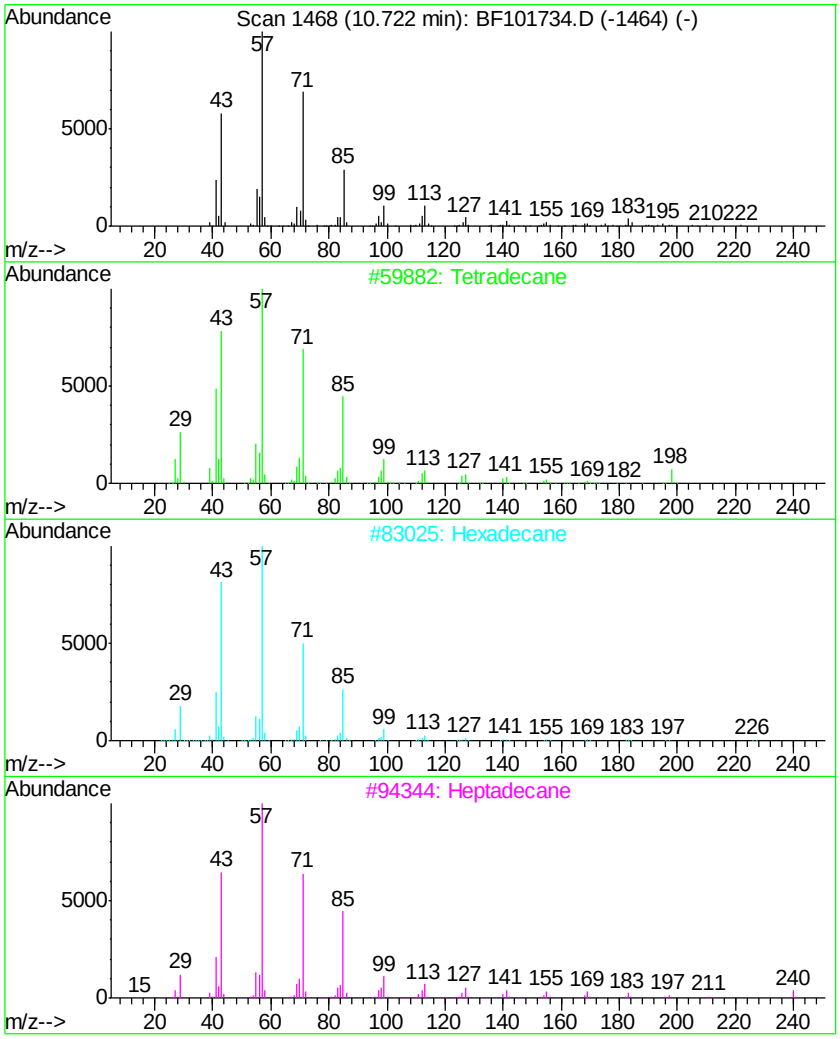
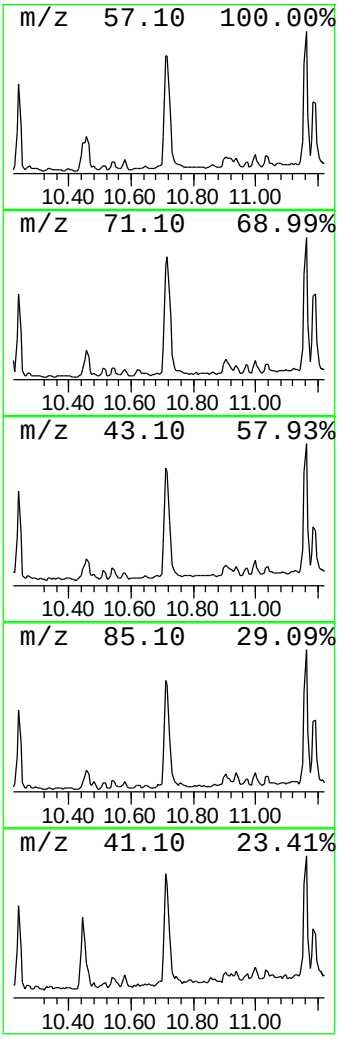
Peak Number 9 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	18.83 ng	790636	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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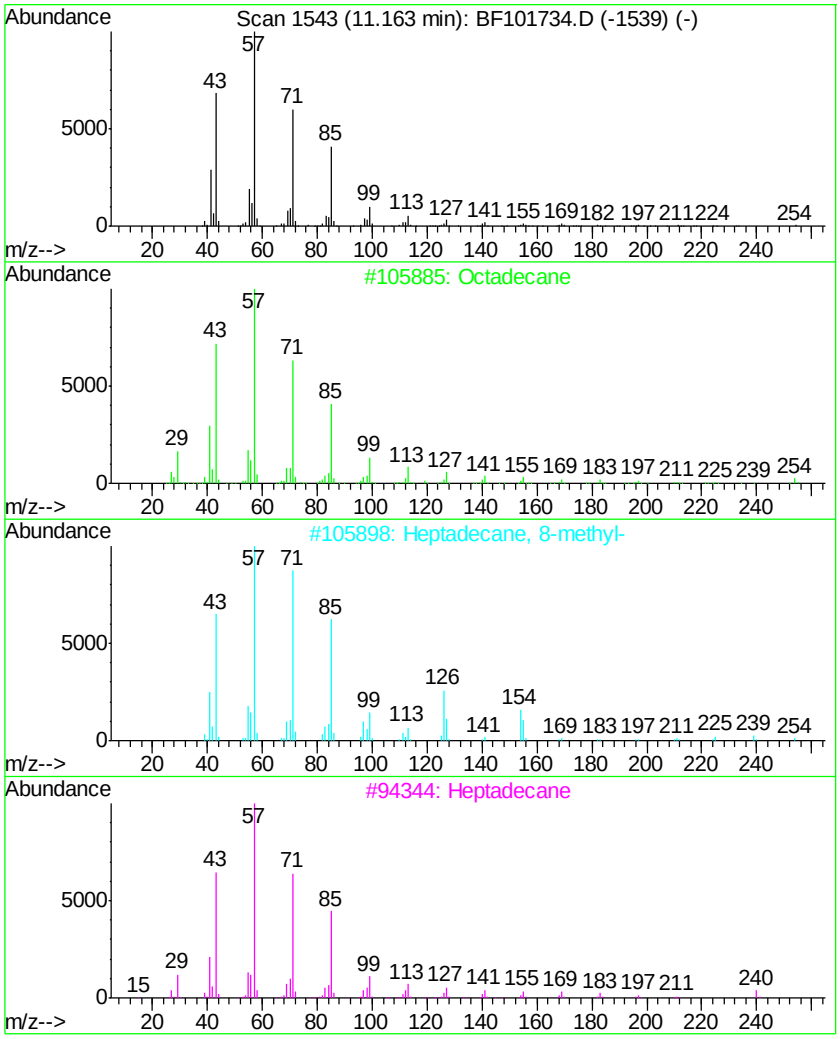
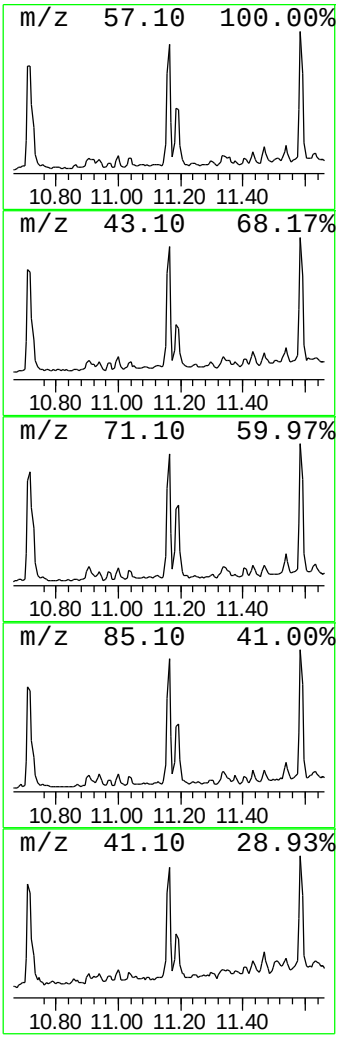
Peak Number 10 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	13.70 ng	574958	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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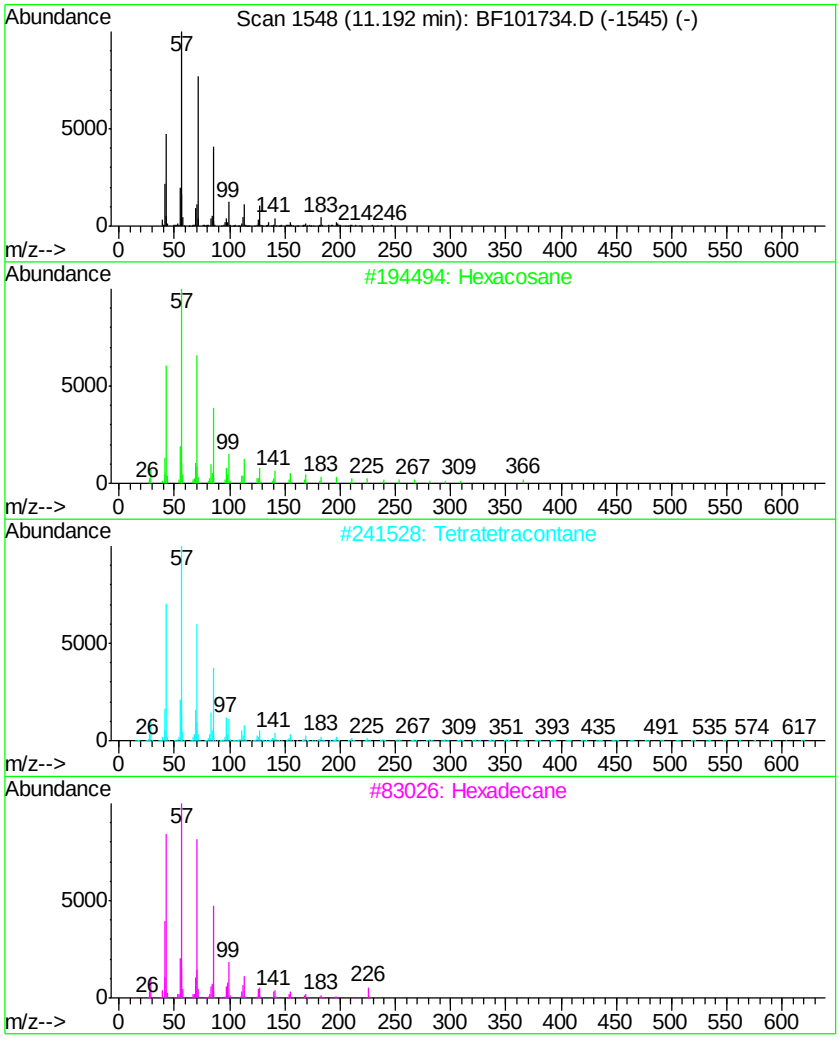
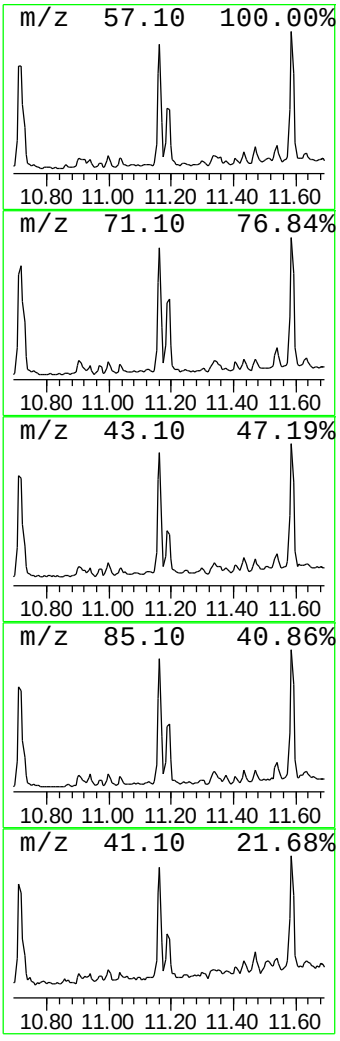
Peak Number 11 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	6.97 ng	292481	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Octacosane	394	C28H58	000630-02-4	86





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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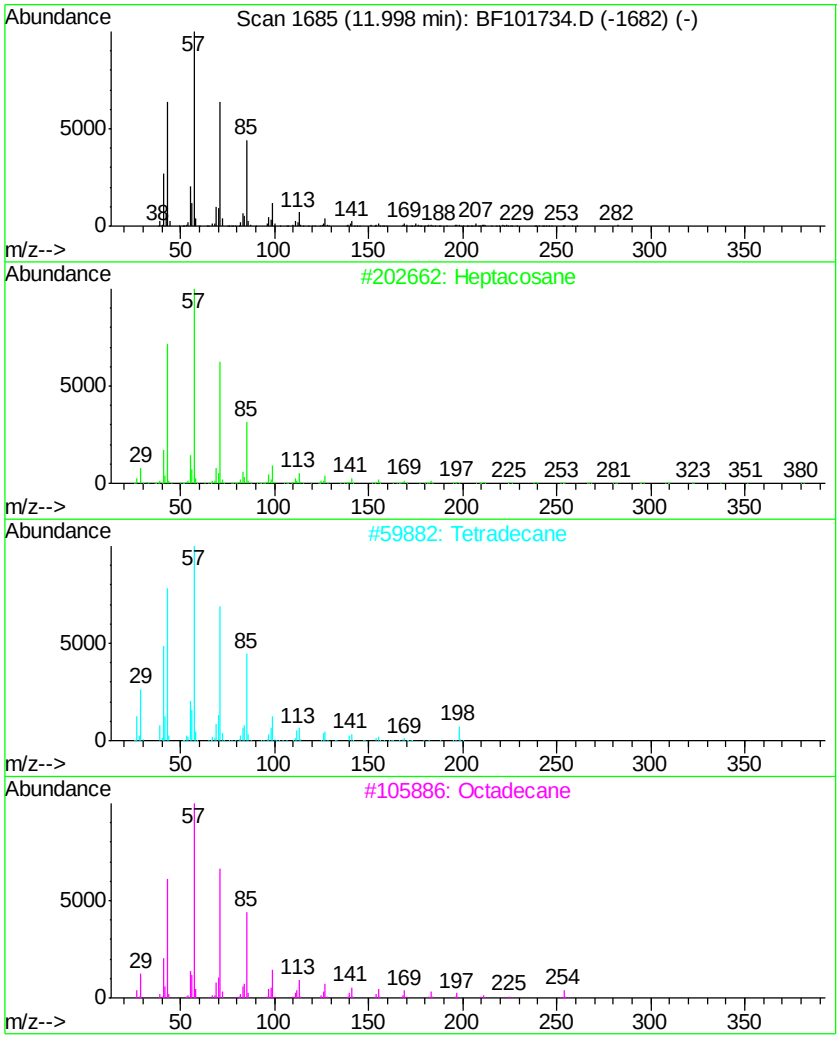
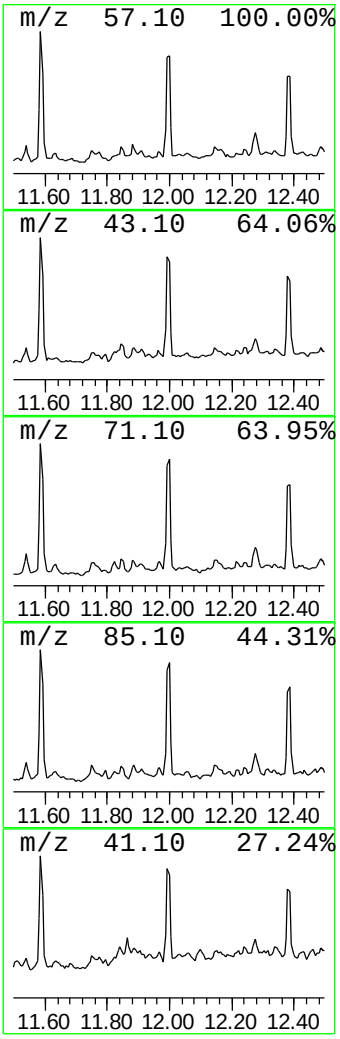
Peak Number 13 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	12.98 ng	545049	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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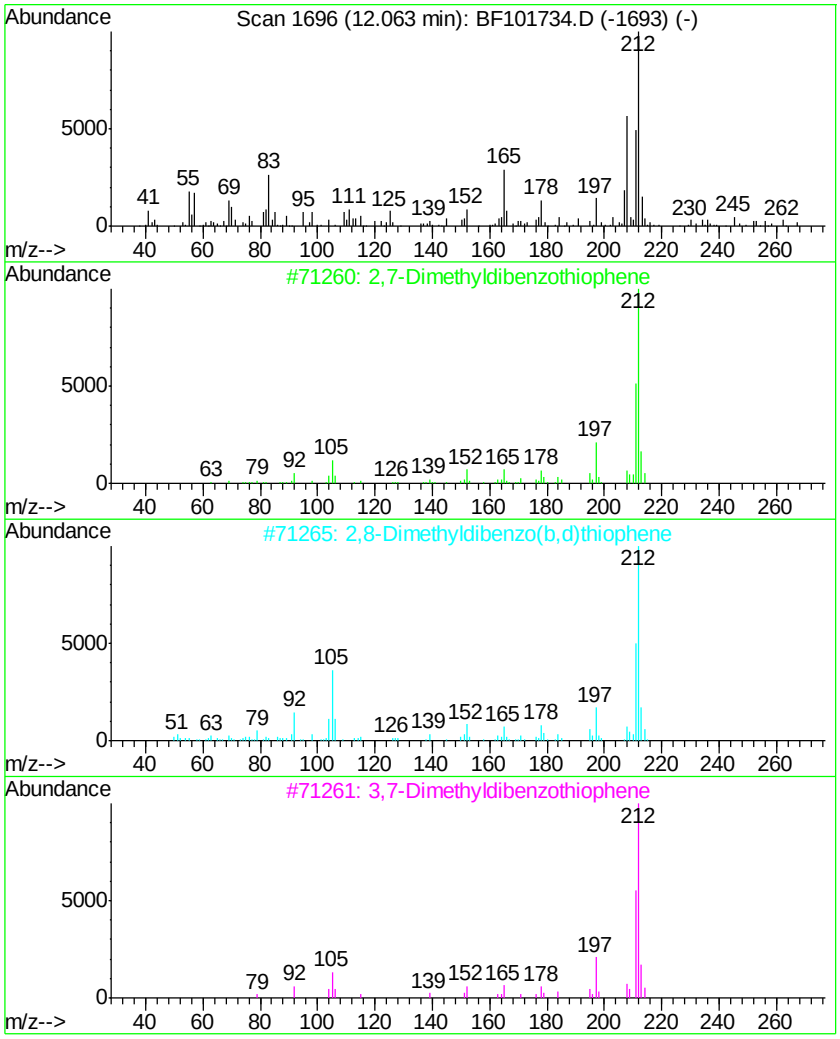
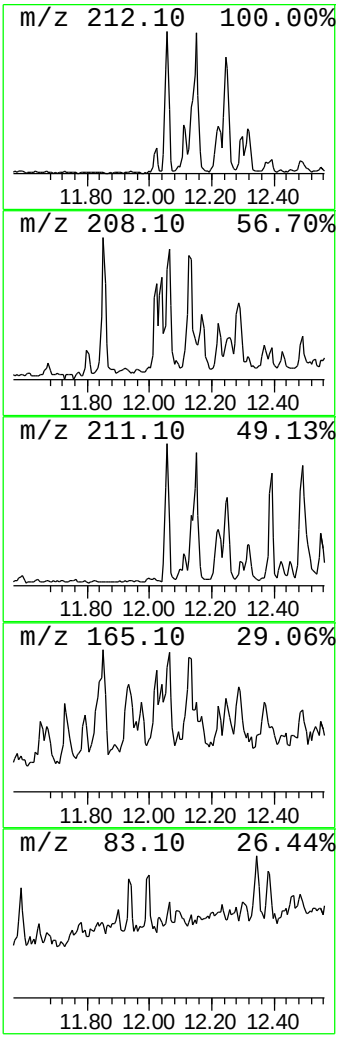
Peak Number 14 2,7-Dimethyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.00 ng	210110	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	94
2	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	91
3	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	90
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	90
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	90





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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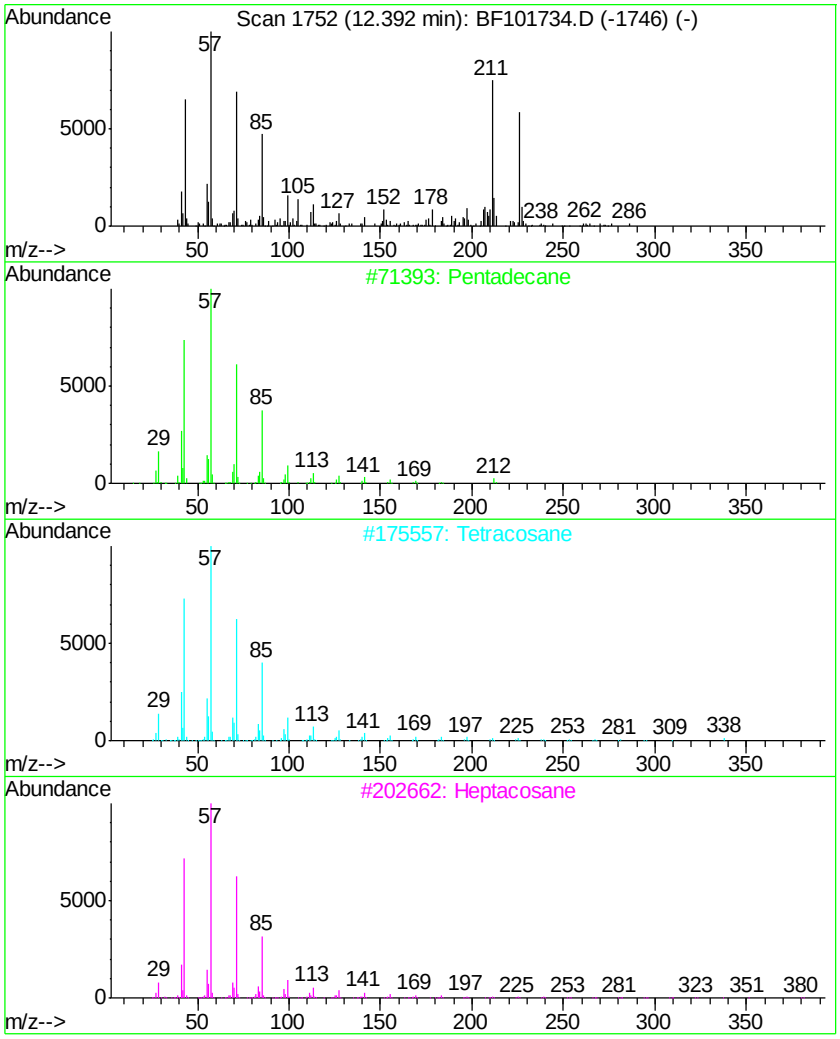
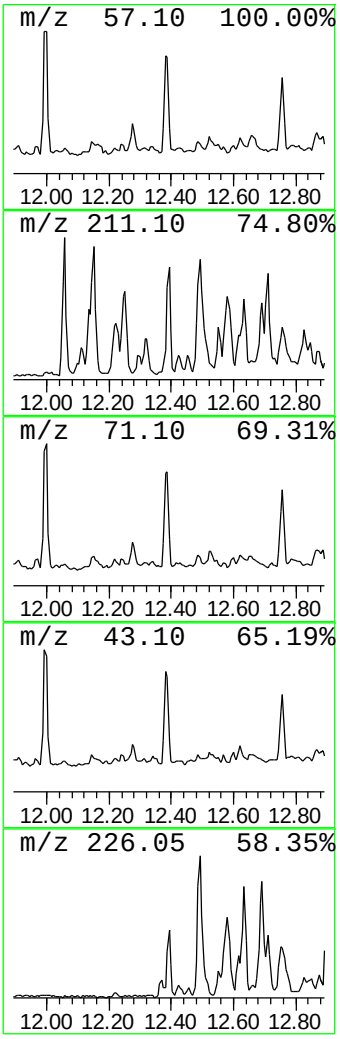
Peak Number 15 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	15.66 ng	657621	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetracosane	338	C24H50	000646-31-1	76
3	Heptacosane	380	C27H56	000593-49-7	68
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
5	Eicosane	282	C20H42	000112-95-8	64





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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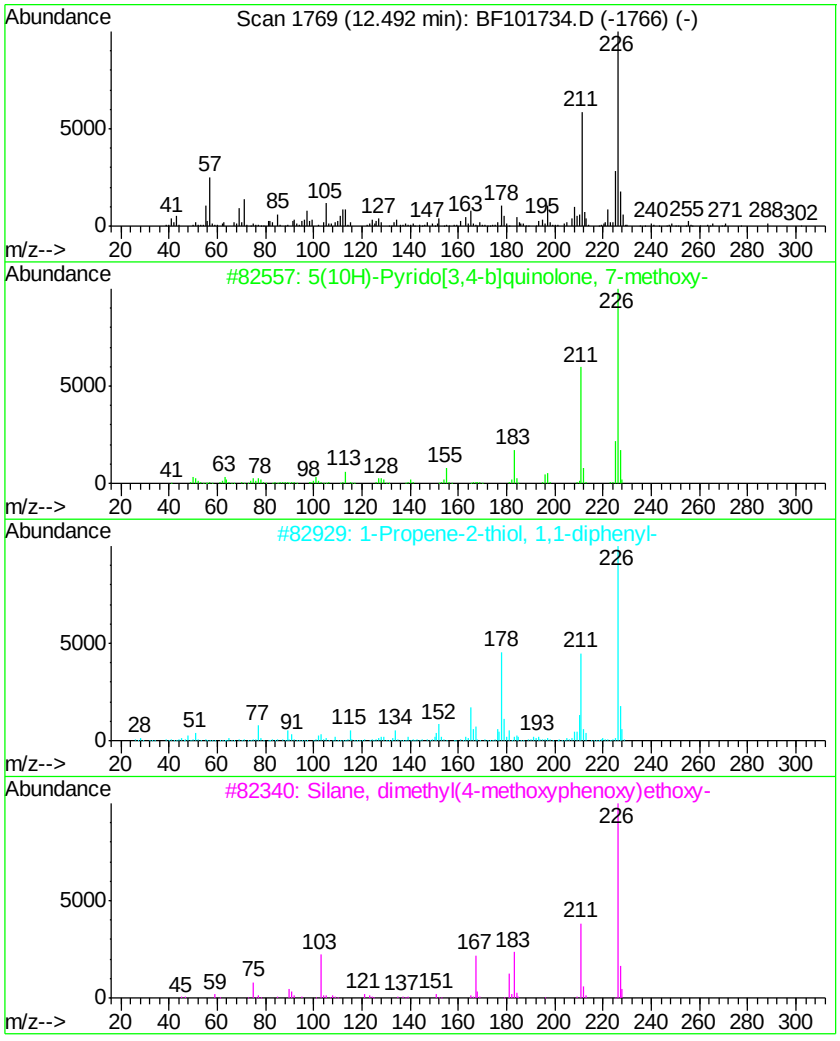
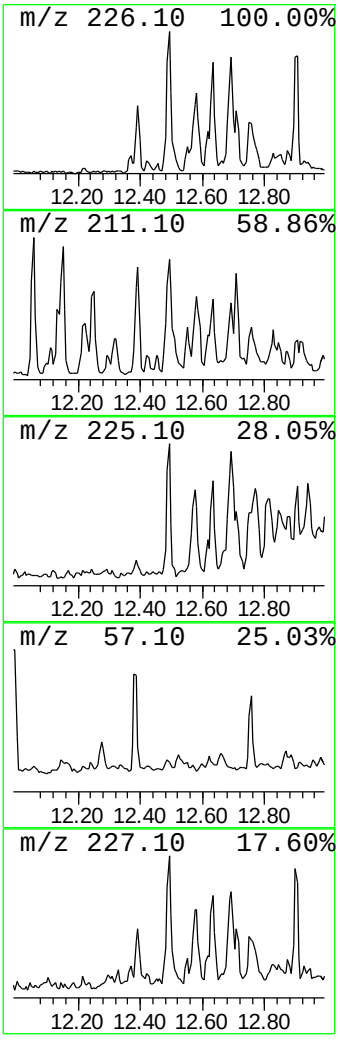
Peak Number 16 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.40 ng	184727	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	81
2	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	70
3	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	52
4	1H-Benzo[d,E]phthalazine, 6-meth...	226	C14H14N2O	078378-22-0	52
5	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	52





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Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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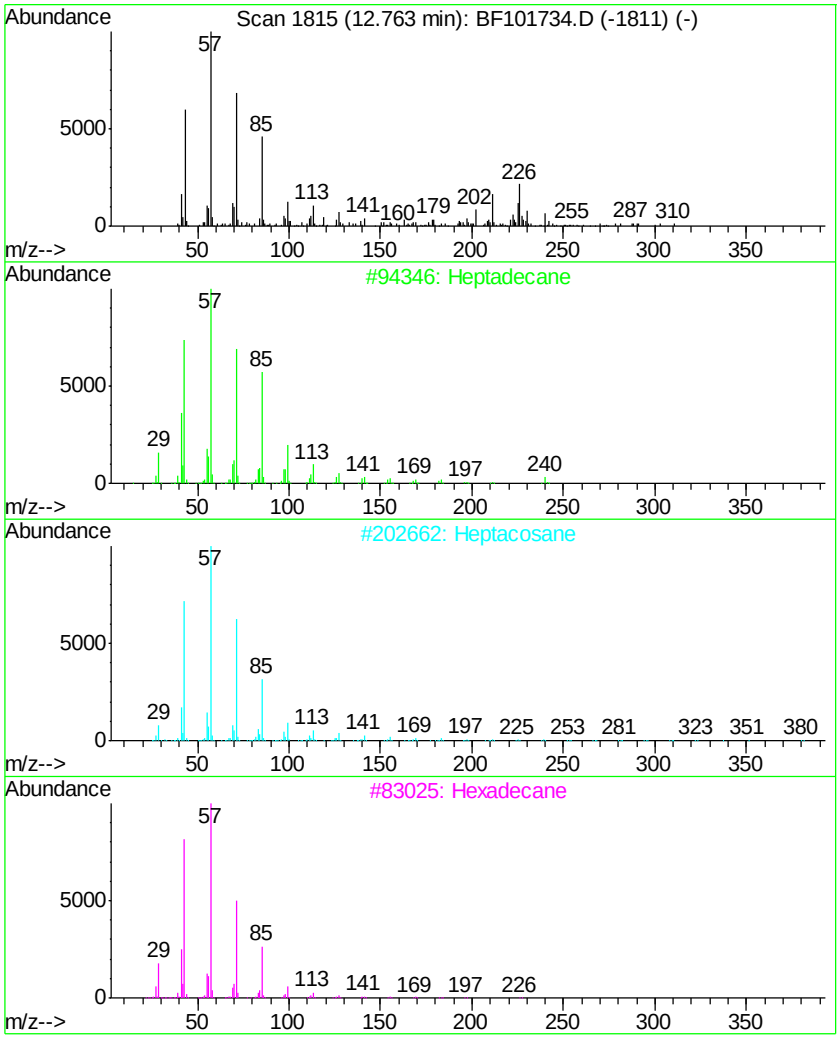
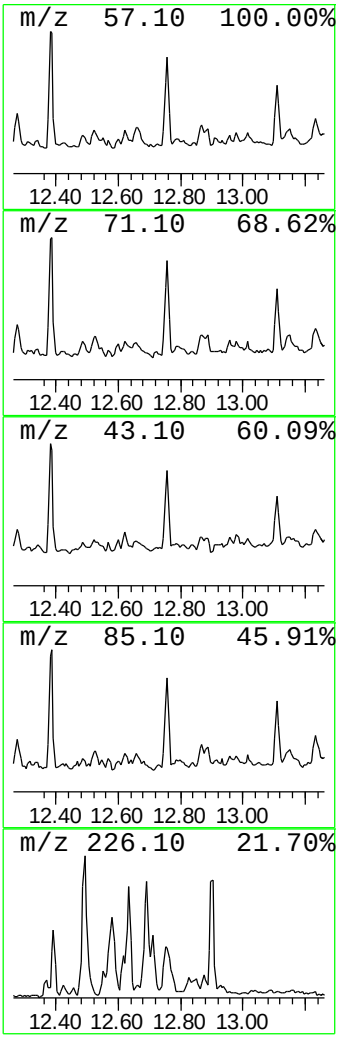
Peak Number 17 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	9.44 ng	356397	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Heptacosane	380	C27H56	000593-49-7	76
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	68
5	Nonadecane	268	C19H40	000629-92-5	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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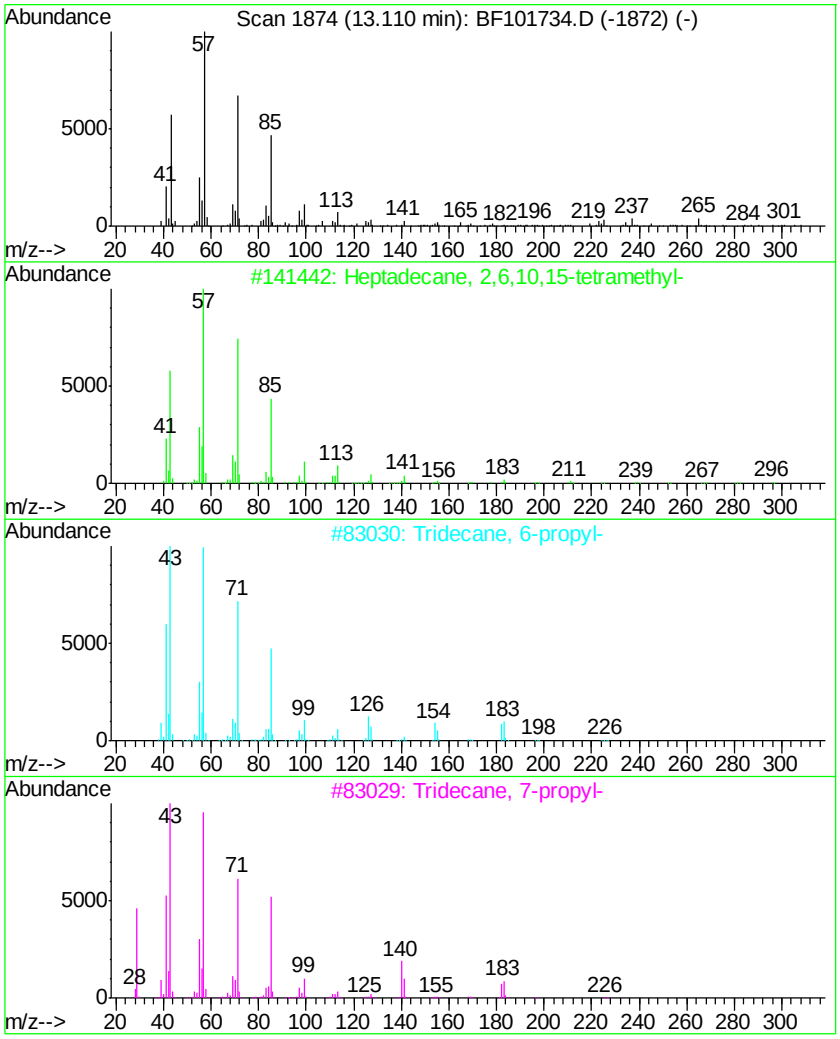
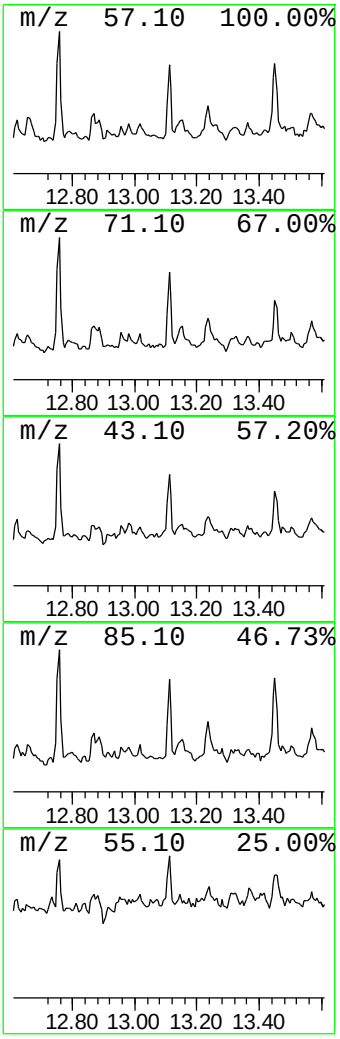
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.95 ng	224801	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	81
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	80
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80





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Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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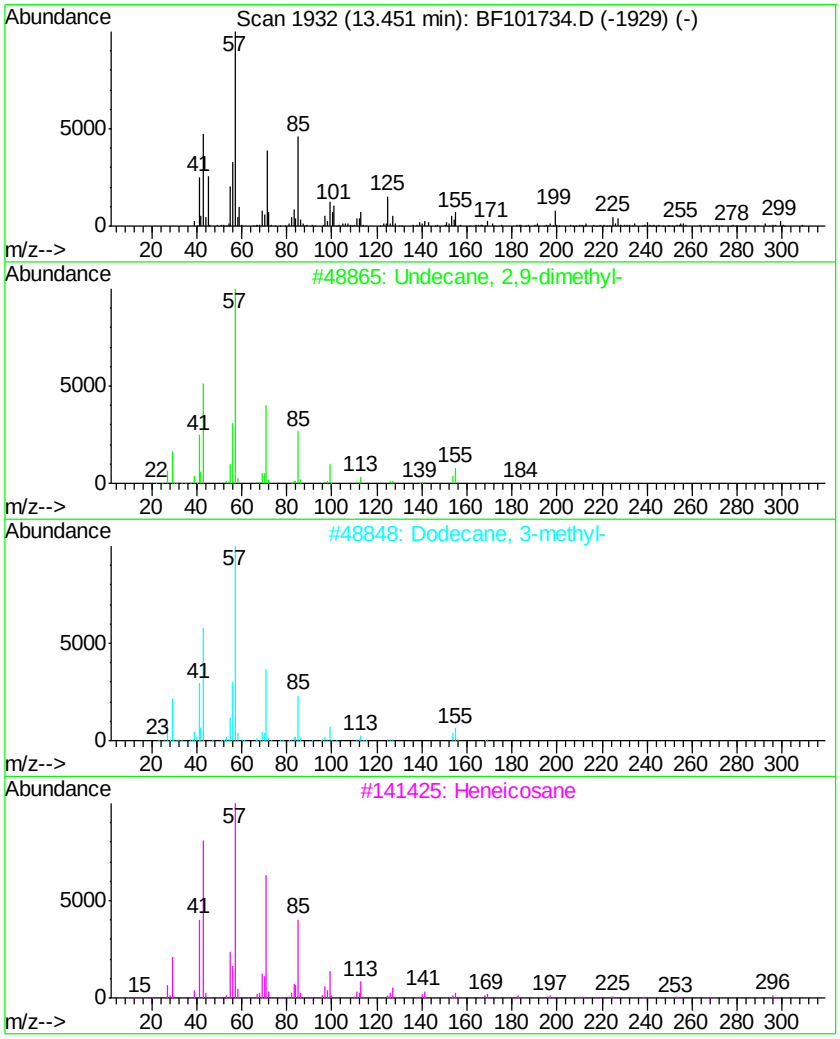
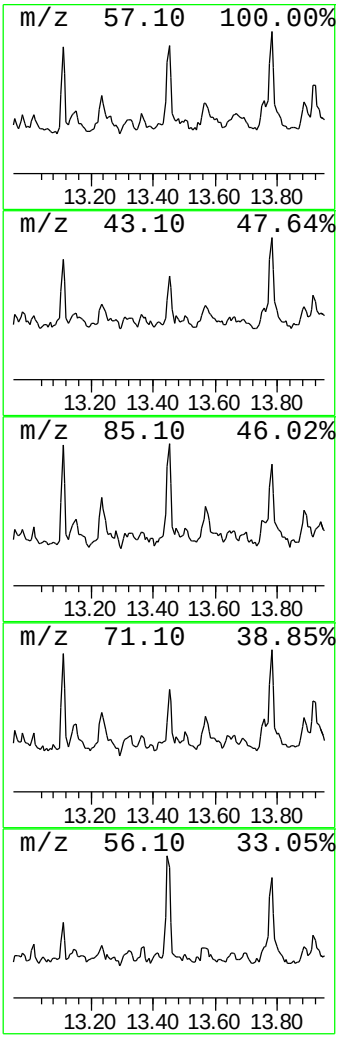
Peak Number 19 unknown13.45 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	9.13 ng	344592	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	47
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
3	Heneicosane	296	C21H44	000629-94-7	46
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	46
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	46





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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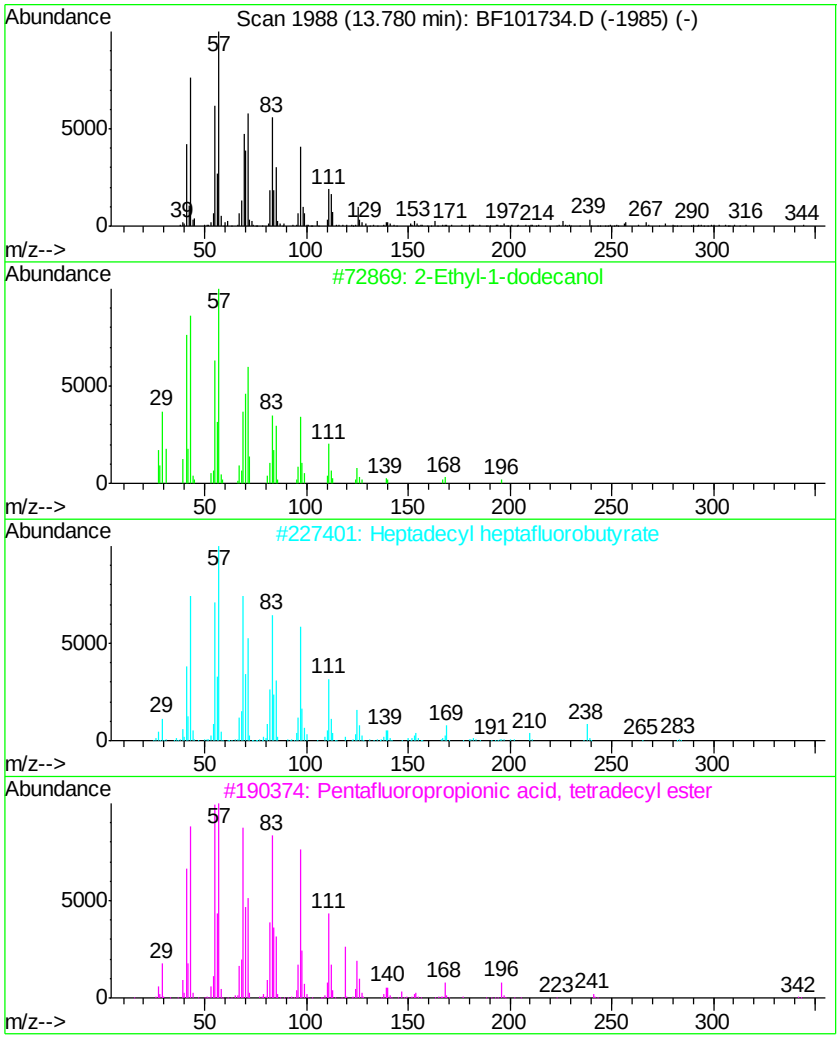
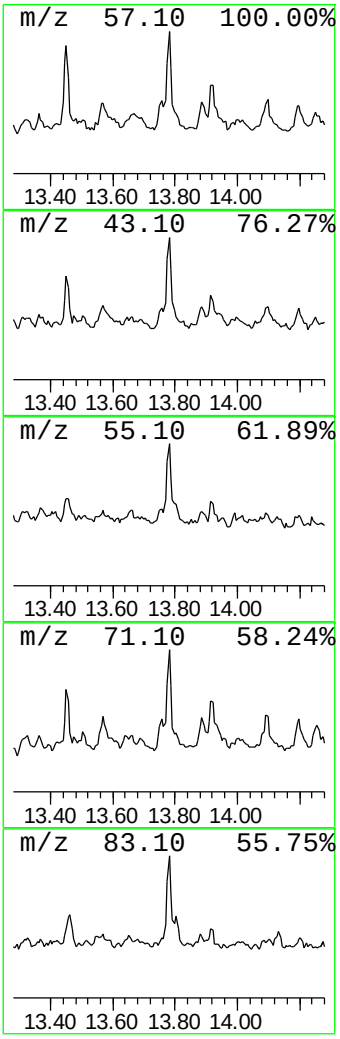
Peak Number 20 2-Ethyl-1-dodecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	13.52 ng	510227	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	72
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	68
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	68
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
5	1-Pentadecene	210	C15H30	013360-61-7	64





Tentatively Identified Compound (LSC) summary

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Data File : BF101734.D
Acq On : 27 Dec 2017 00:40
Operator : SJ/JU
Sample : I6957-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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...	5.01	5.0	ng	216090	1	6.79	868715	20.0
unknown6.56	6.56	52.2	ng	2268970	1	6.79	868715	20.0
1,3-Pentanediol, ...	7.78	6.1	ng	343666	2	8.07	1126770	20.0
Propanoic acid, 2...	9.01	5.6	ng	291659	3	9.83	1046900	20.0
Hexadecane	9.74	4.1	ng	213730	3	9.83	1046900	20.0
Tributyl phosphate	10.45	8.6	ng	452427	3	9.83	1046900	20.0
Tetradecane	10.72	18.8	ng	790636	4	11.32	839625	20.0
Octadecane	11.16	13.7	ng	574958	4	11.32	839625	20.0
Hexacosane	11.19	7.0	ng	292481	4	11.32	839625	20.0
Heptacosane	12.00	13.0	ng	545049	4	11.32	839625	20.0
2,7-Dimethyldiben...	12.06	5.0	ng	210110	4	11.32	839625	20.0
Pentadecane	12.39	15.7	ng	657621	4	11.32	839625	20.0
5(10H)-Pyrido[3,4...	12.49	4.4	ng	184727	4	11.32	839625	20.0
Heptadecane	12.76	9.4	ng	356397	5	13.97	755003	20.0
Heptadecane, 2,6,...	13.11	6.0	ng	224801	5	13.97	755003	20.0
unknown13.45	13.45	9.1	ng	344592	5	13.97	755003	20.0
2-Ethyl-1-dodecanol	13.78	13.5	ng	510227	5	13.97	755003	20.0