LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-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-BF031518.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	2.322	34	40	47	rVB	115043	157084	4.63%	0.367%
2	3.787	281	289	294	rVB2	18531	35948	1.06%	0.084%
3	3.916	300	311	316	rBV	23836	42754	1.26%	0.100%
4	4.351	378	385	391	rVB2	26745	39970	1.18%	0.093%
5	5.228	526	534	543	rBV2	87769	191356	5.64%	0.447%
6	5.610	594	599	619	rBV	2377958	3265039	96.27%	7.635%
7	6.204	696	700	702	rBV	31723	35338	1.04%	0.083%
8	6.392	728	732	737	rBV4	18877	36859	1.09%	0.086%
9	6.451	737	742	746	rBV	62668	67264	1.98%	0.157%
10	6.498	746	750	755	rBV3	45411	81523	2.40%	0.191%
11	6.604	763	768	782	rBV	2326517	3168376	93.42%	7.409%
12	6.745	787	792	798	rVV	3051880	3284641	96.85%	7.681%
13	6.786	798	799	804	rVB	71568	65486	1.93%	0.153%
14	6.969	826	830	837	rBV	1025186	928193	27.37%	2.171%
15	7.081	844	849	851	rBV	43864	44689	1.32%	0.105%
16	7.128	853	857	864	rVB	2564895	2491045	73.45%	5.825%
17	7.228	872	874	880	rVB2	87273	94870	2.80%	0.222%
18	7.292	880	885	889	rVB2	59540	92782	2.74%	0.217%
19	7.498	914	920	922	rBV2	57527	64115	1.89%	0.150%
20	7.533	922	926	933	rVV	1859865	2095401	61.78%	4.900%
21	7.604	933	938	941	rVB4	40204	60942	1.80%	0.143%
22	7.757	961	964	971	rVB3	44859	66873	1.97%	0.156%
23	7.980	1000	1002	1005	rVB2	60563	46750	1.38%	0.109%
24	8.216	1039	1042	1044	rBV	51775	55018	1.62%	0.129%
25	8.251	1044	1048	1053	rVV	1334692	1261291	37.19%	2.950%
26	8.292	1053	1055	1059	rVB2	82408	70025	2.06%	0.164%
27	8.416	1069	1076	1079	rBV6	14951	36040	1.06%	0.084%
28	8.533	1092	1096	1100	rVB4	53230	76501	2.26%	0.179%
29	8.751	1129	1133	1135	rBV3	39872	39775	1.17%	0.093%
30	8.822	1143	1145	1150	rBV4	41300	57655	1.70%	0.135%
31	8.875	1151	1154	1159	rVB2	27482	37940	1.12%	0.089%
32	9.063	1184	1186	1189	rBV3	42067	44303	1.31%	0.104%
33	9.186	1204	1207	1210	rBV4	40113	44339	1.31%	0.104%
34	9.327	1225	1231	1234	rBV	3272020	3281937	96.77%	7.675%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.392	1239	1242	1245	rVB2	78417	81798	2.41%	0.191%
36	9.592	1271	1276	1280	rBV5	41670	71625	2.11%	0.167%
37	9.663	1281	1288	1291	rVV3	65868	99752	2.94%	0.233%
38	9.710	1291	1296	1304	rVB2	238955	308458	9.09%	0.721%
39	9.798	1309	1311	1316	rVB5	39311	51078	1.51%	0.119%
40	9.869	1319	1323	1327	rBV2	63681	69364	2.05%	0.162%
41	9.916	1328	1331	1335	rVB	174388	165474	4.88%	0.387%
42	10.010	1343	1347	1351	rVB	1427402	1212211	35.74%	2.835%
43	10.110	1360	1364	1368	rBV3	32585	48138	1.42%	0.113%
44	10.151	1368	1371	1374	rBV3	29848	39107	1.15%	0.091%
45	10.204	1377	1380	1384	rVV2	63789	72353	2.13%	0.169%
46	10.245	1384	1387	1391	rVB3	67455	70247	2.07%	0.164%
47	10.322	1397	1400	1403	rBV	60769	73756	2.17%	0.172%
48	10.351	1403	1405	1411	rVB2	42338	48665	1.43%	0.114%
49	10.421	1411	1417	1420	rBV	232930	254383	7.50%	0.595%
50	10.639	1450	1454	1456	rBV	89665	103824	3.06%	0.243%
51	10.804	1477	1482	1491	rBV	2012776	2029892	59.85%	4.747%
52	10.892	1494	1497	1506	rVB	226791	300108	8.85%	0.702%
53	10.998	1511	1515	1517	rBV4	33675	42669	1.26%	0.100%
54	11.086	1528	1530	1534	rBV4	22366	36227	1.07%	0.085%
55	11.145	1537	1540	1543	rVV4	62248	72903	2.15%	0.170%
56	11.345	1570	1574	1576	rBV	133006	124650	3.68%	0.291%
57	11.368	1576	1578	1582	rVV2	53164	57388	1.69%	0.134%
58	11.504	1597	1601	1603	rBV	1287449	1132282	33.39%	2.648%
59	11.521	1603	1604	1609	rVB	162473	142166	4.19%	0.332%
60	11.586	1612	1615	1618	rBV2	37609	48918	1.44%	0.114%
61	11.768	1643	1646	1649	rBV	98468	76534	2.26%	0.179%
62	11.874	1660	1664	1667	rVB	1488849	1202985	35.47%	2.813%
63	11.933	1667	1674	1680	rBV5	68912	96850	2.86%	0.226%
64	12.015	1683	1688	1697	rBV3	598833	782236	23.06%	1.829%
65	12.116	1702	1705	1708	rBV3	48966	52189	1.54%	0.122%
66	12.174	1713	1715	1721	rVV2	63398	68929	2.03%	0.161%
67	12.327	1739	1741	1745	rVB4	38955	37801	1.11%	0.088%
68	12.568	1777	1782	1783	rBV	3577293	3391563	100.00%	7.931%
69	12.586	1783	1785	1791	rVB2	2824835	2643086	77.93%	6.181%
70	12.668	1795	1799	1803	rVB	598201	501060	14.77%	1.172%
71	12.721	1803	1808	1811	rBV	279666	333871	9.84%	0.781%

LSC Area Percent Report

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Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.798	1818	1821	1829	rVB2	182599	181612	5.35%	0.425%
73	12.904	1836	1839	1842	rVV3	59885	56755	1.67%	0.133%
74	12.951	1842	1847	1853	rVB2	223376	299970	8.84%	0.701%
75	13.086	1866	1870	1874	rBV	2373179	2333708	68.81%	5.457%
76	13.227	1892	1894	1897	rBV2	74717	75611	2.23%	0.177%
77	13.298	1904	1906	1908	rBV2	49145	37653	1.11%	0.088%
78	13.392	1919	1922	1924	rBV2	65329	61892	1.82%	0.145%
79	13.510	1939	1942	1943	rBV2	54266	51234	1.51%	0.120%
80	13.962	2016	2019	2023	rBV3	251555	249256	7.35%	0.583%
81	14.157	2047	2052	2055	rBV	830359	924946	27.27%	2.163%
82	14.539	2114	2117	2118	rBV	94342	104319	3.08%	0.244%
83	15.004	2194	2196	2200	rVB	197476	188543	5.56%	0.441%
84	15.698	2310	2314	2321	rVB	548058	789956	23.29%	1.847%

Sum of corrected areas: 42762117

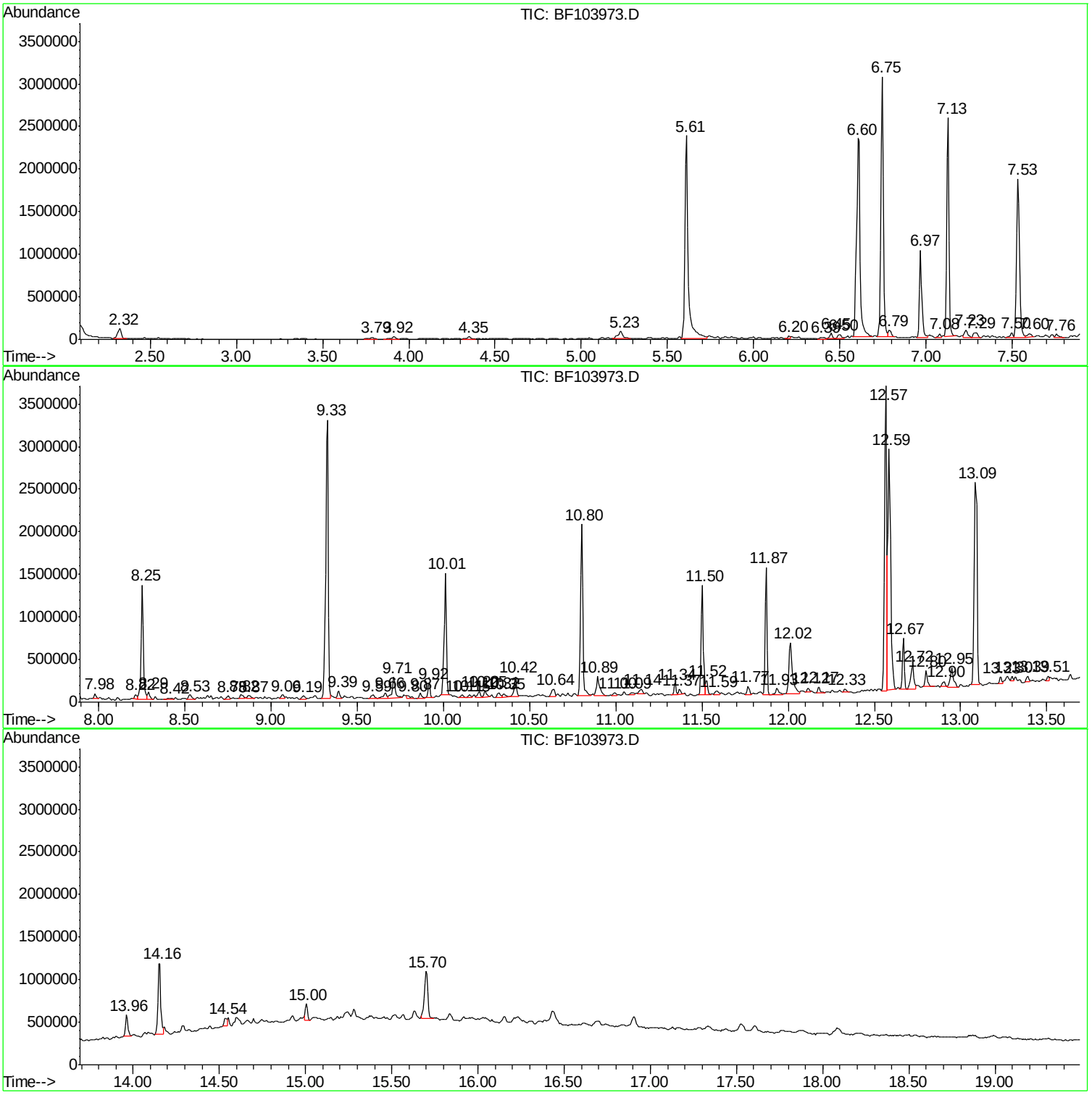
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

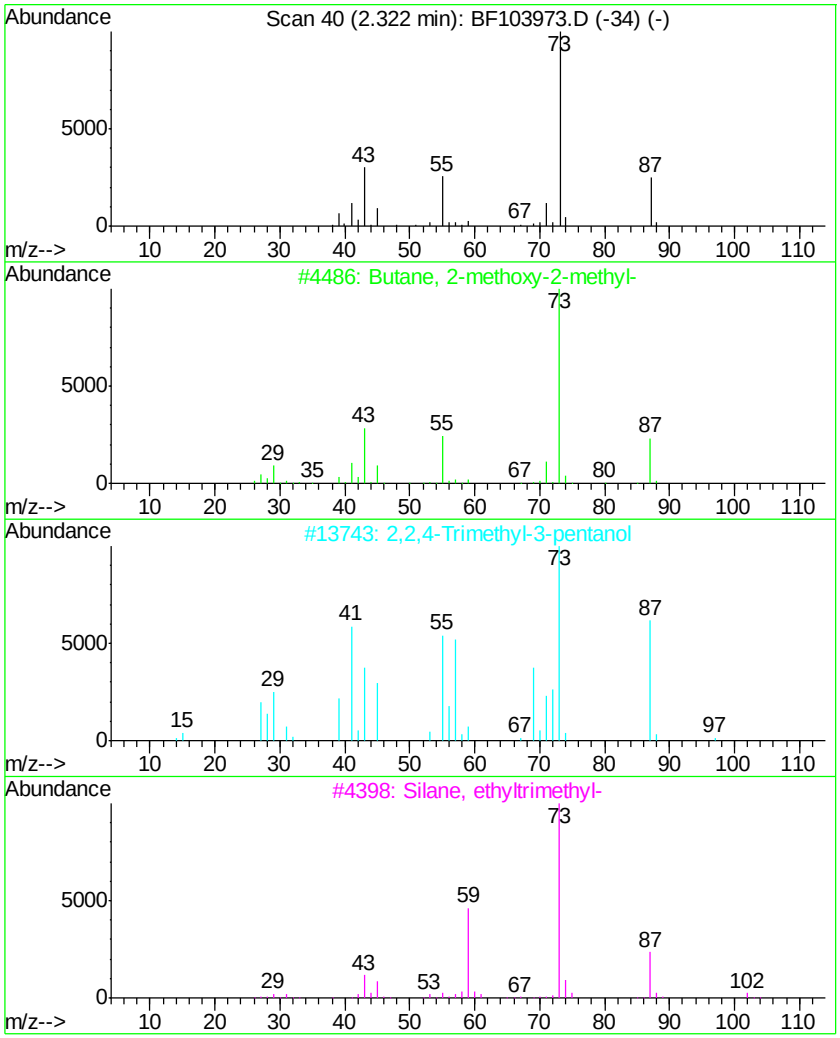
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

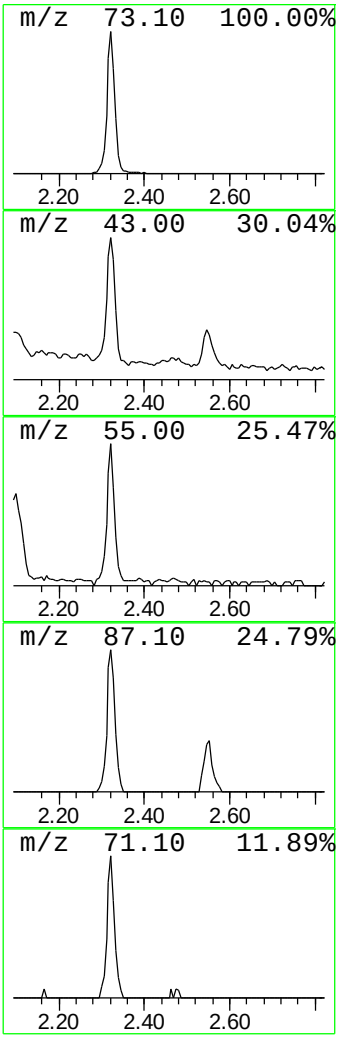
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.38 ng	157084	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

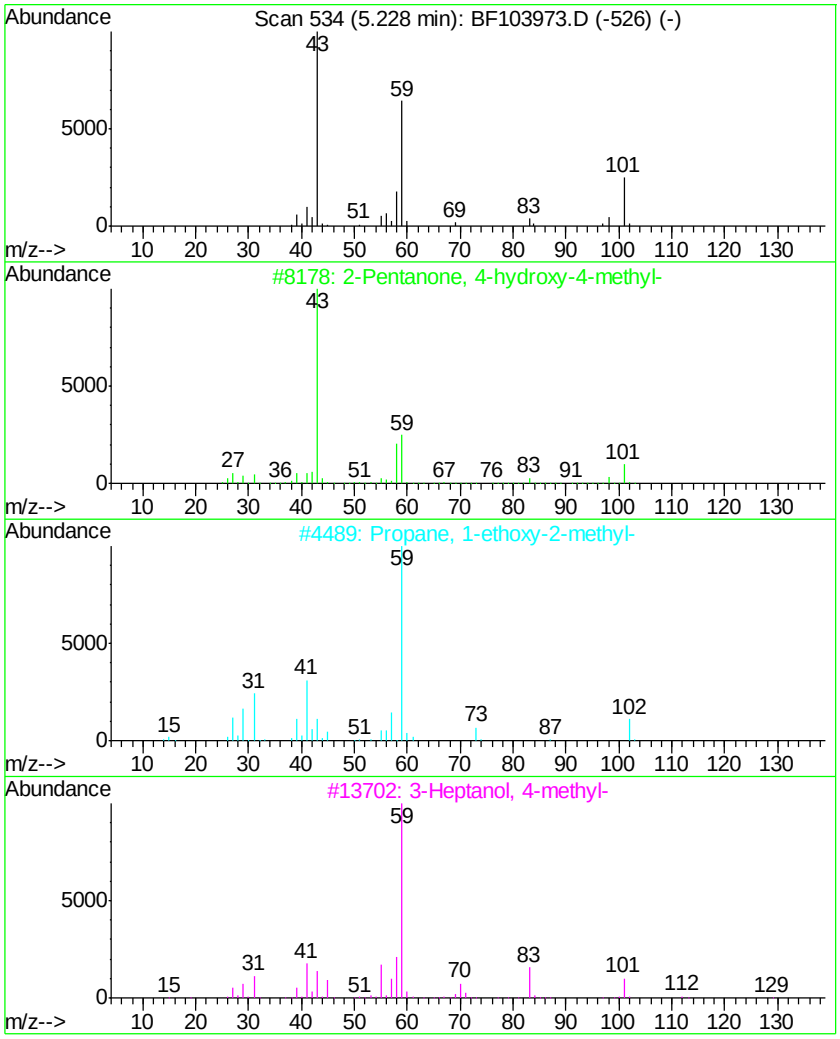
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

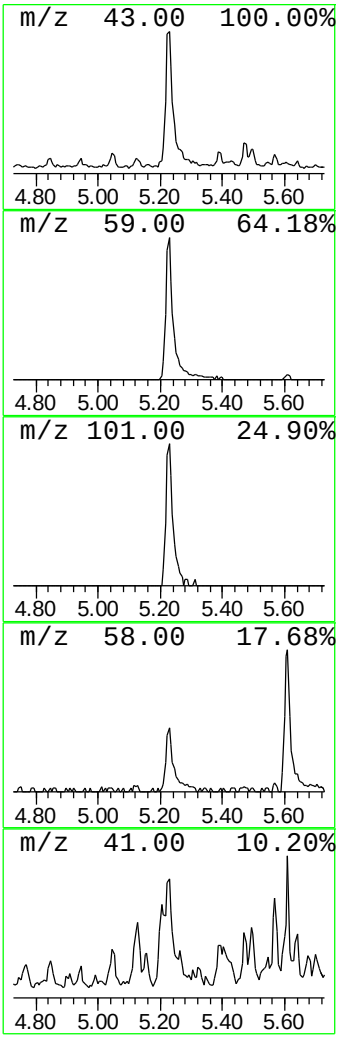
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.12 ng	191356	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

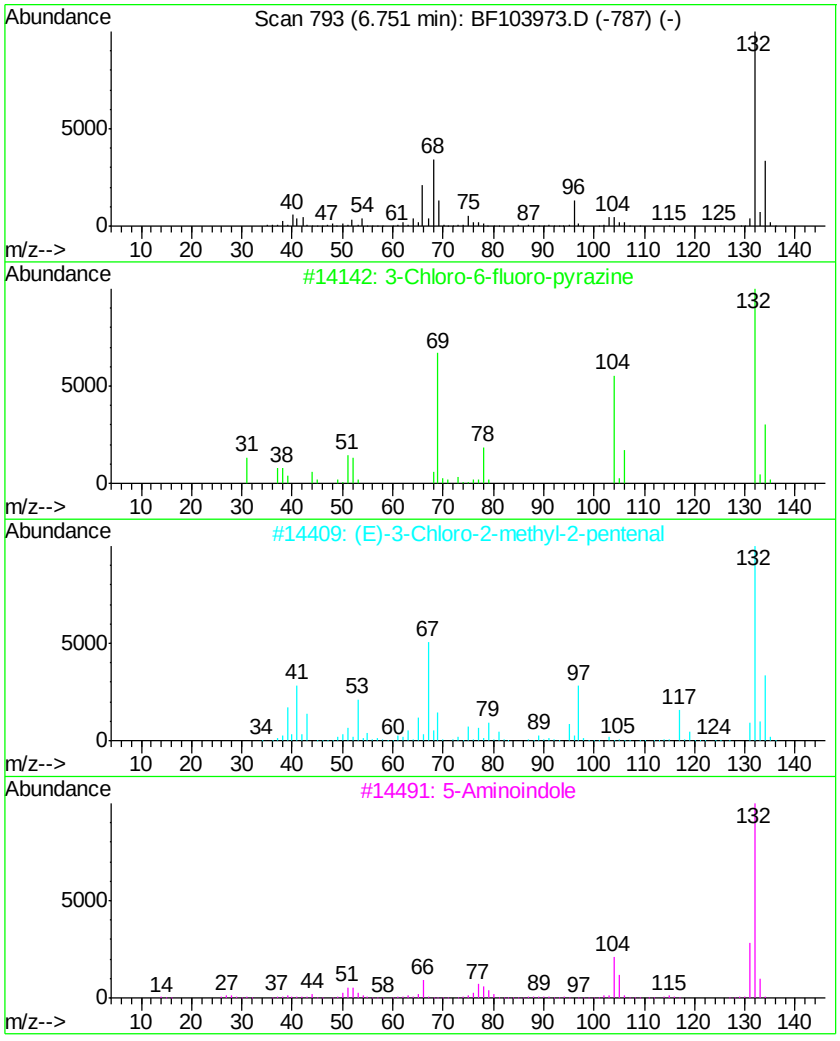
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

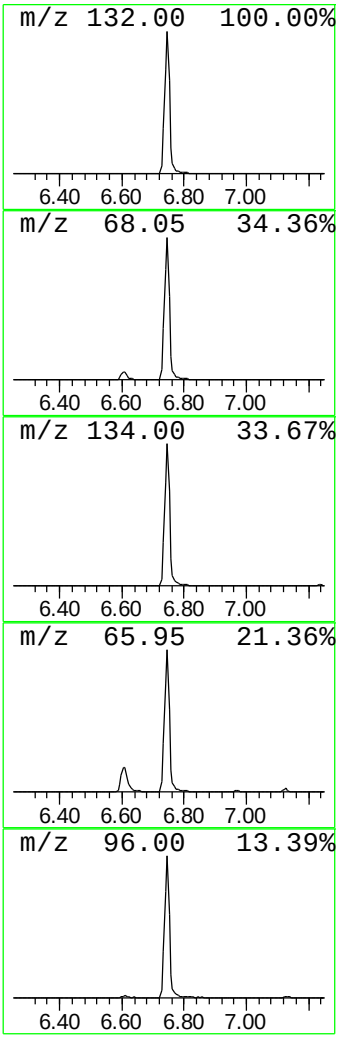
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	70.78 ng	3284640	1,4-Dichlorobenzene-d4	6.97

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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Sample : J1760-05
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Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

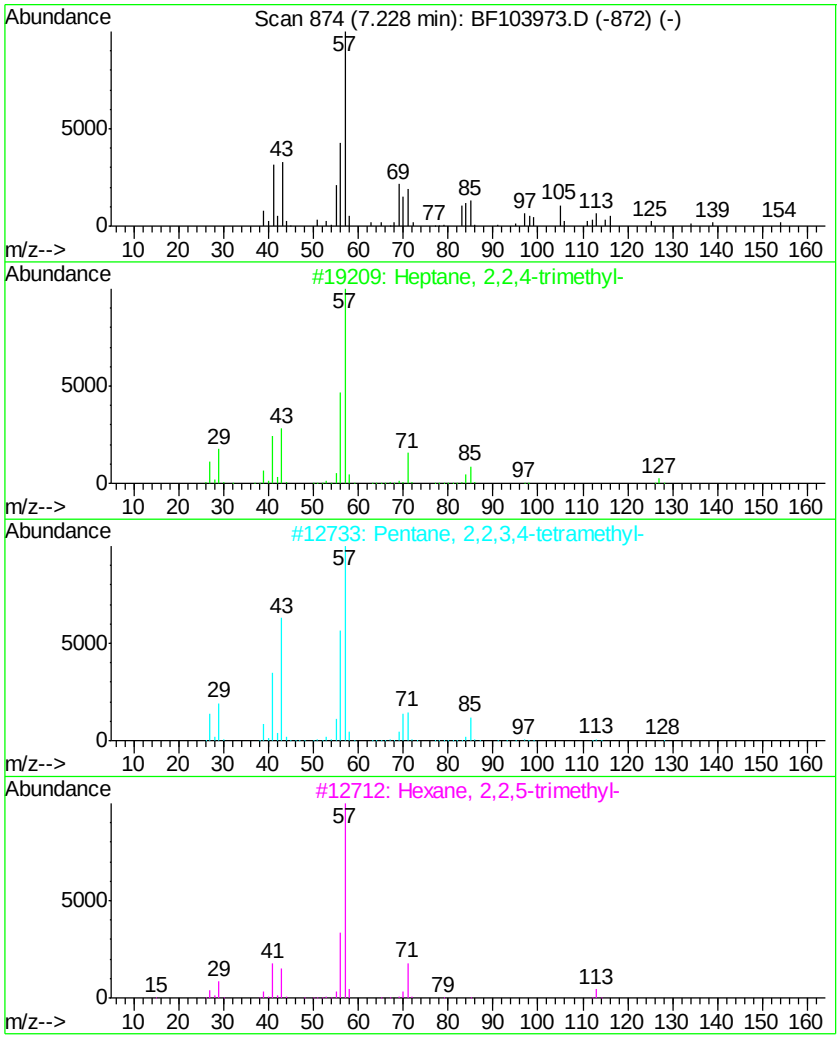
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

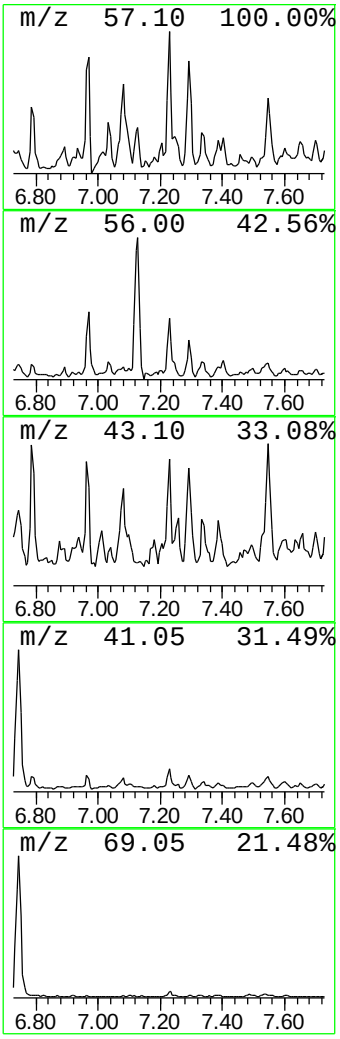
****

Peak Number 5 Heptane, 2,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	2.04 ng	94870	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

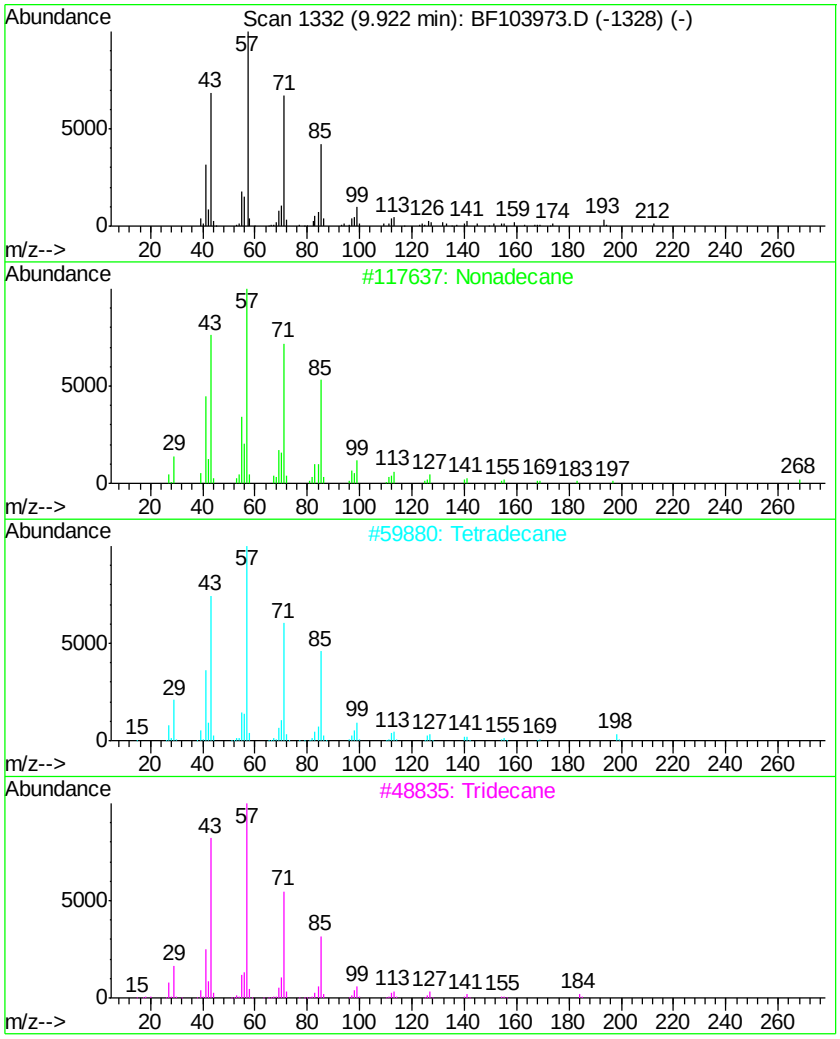
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

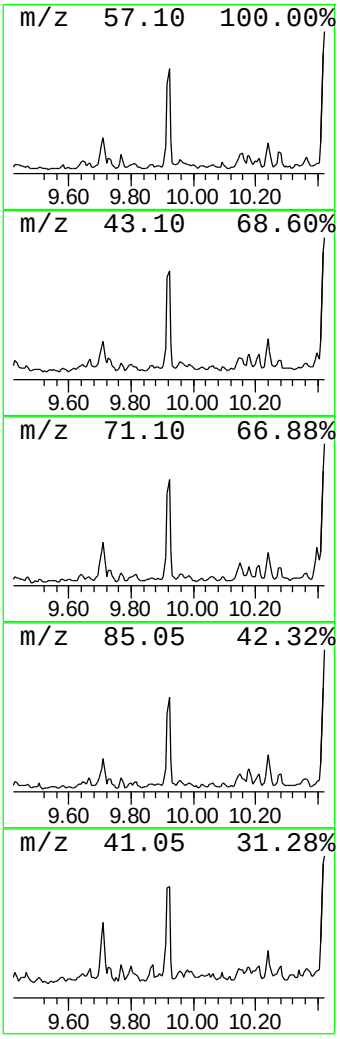
****

Peak Number 6 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.73 ng	165474	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Tetradecane	198	C14H30	000629-59-4	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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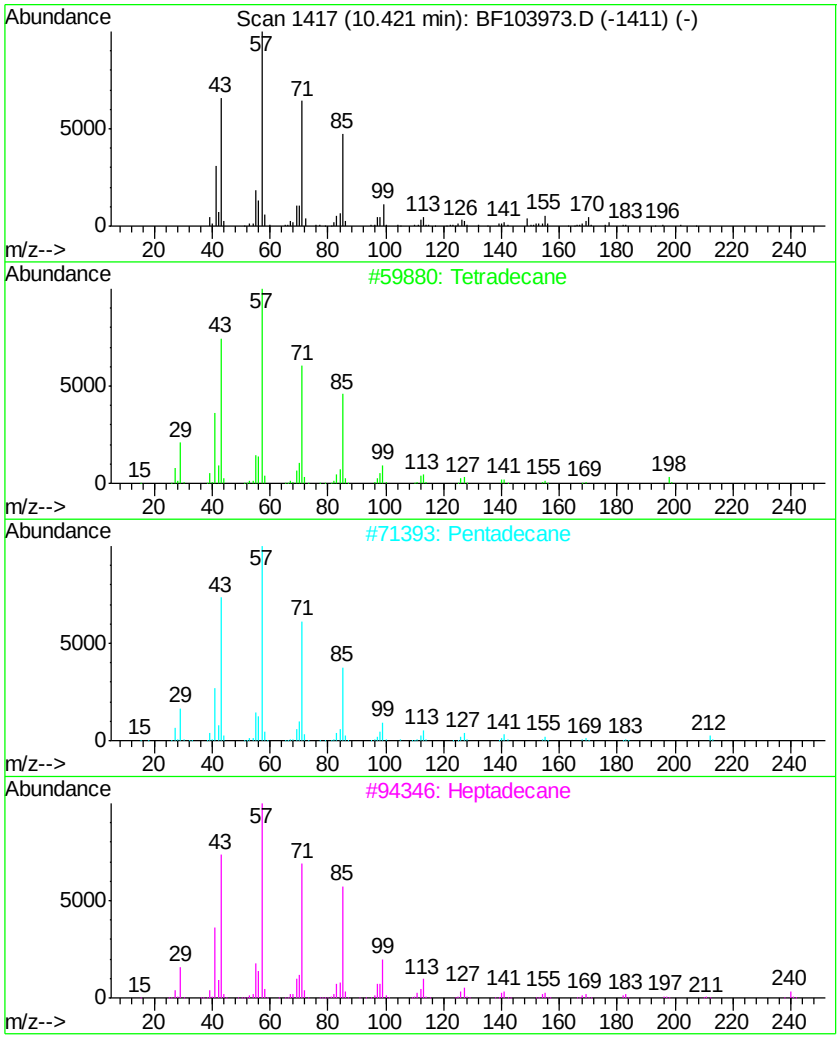
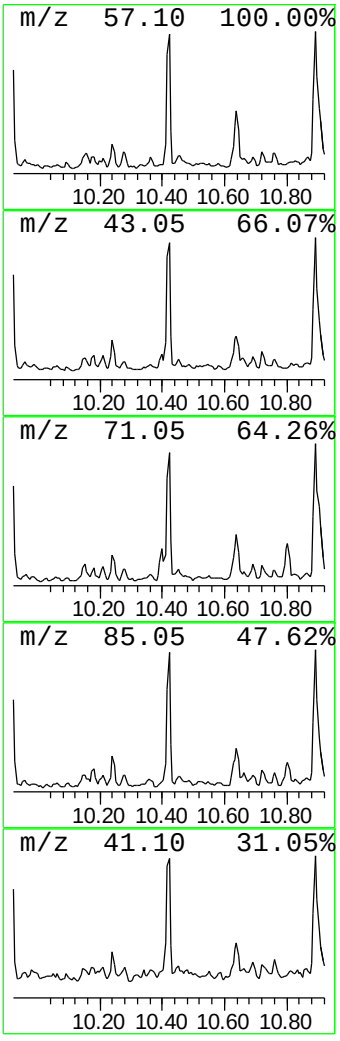
Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	4.20 ng	254383	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Heptadecane	240	C17H36	000629-78-7	80
4	Decane, 3-methyl-	156	C11H24	013151-34-3	74
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58





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Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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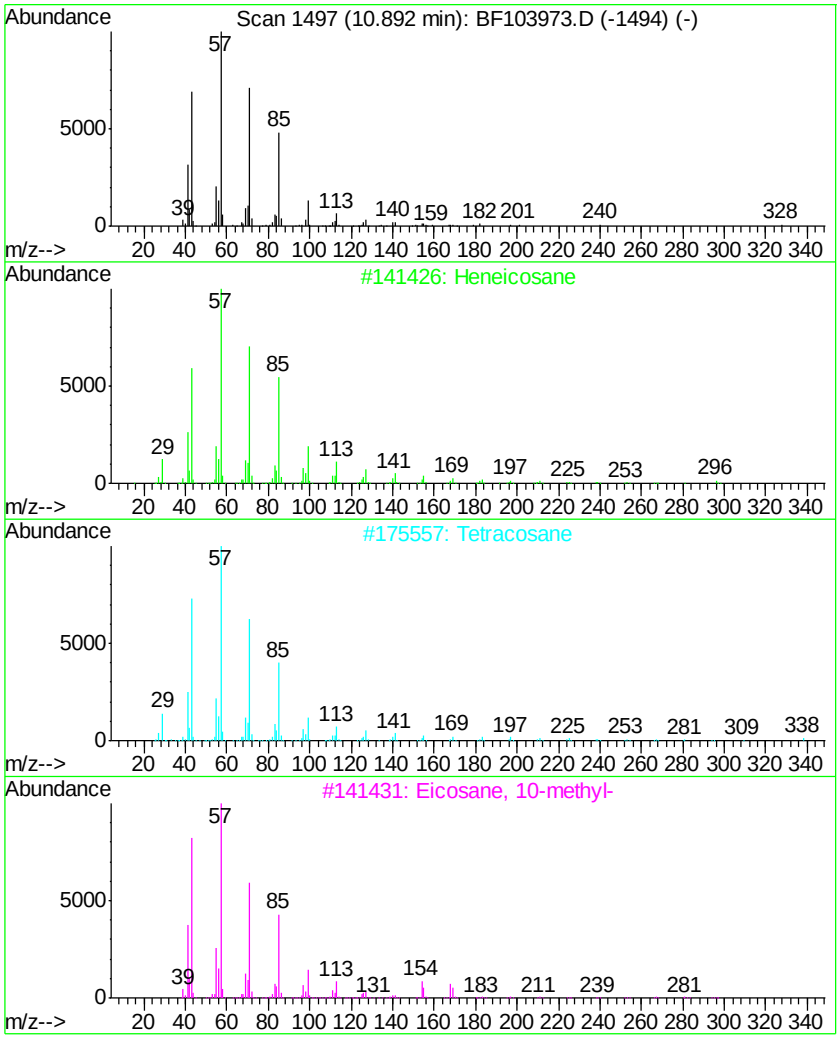
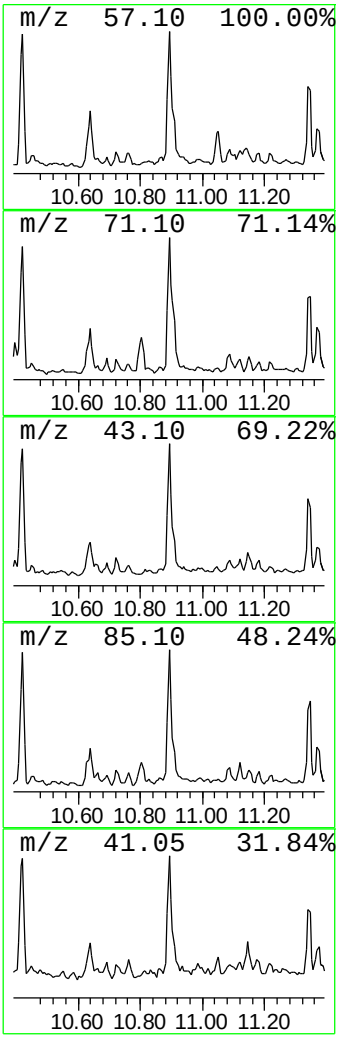
Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	5.30 ng	300108	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Eicosane	282	C20H42	000112-95-8	78
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78





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Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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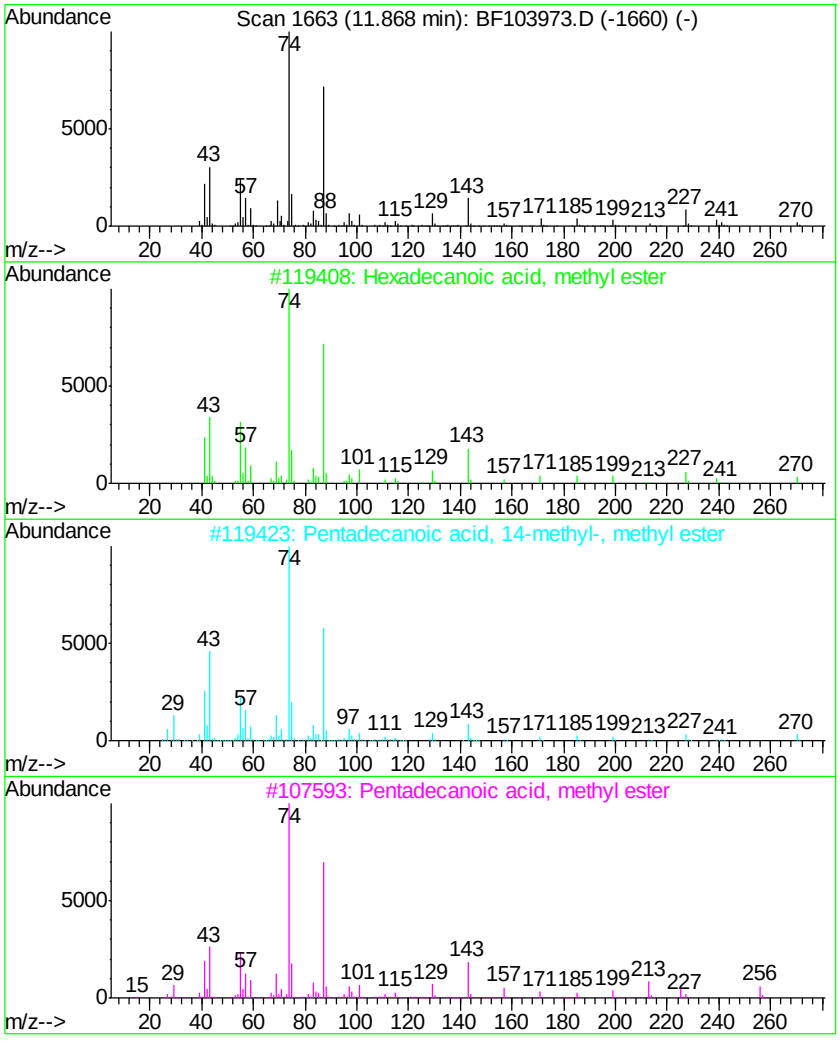
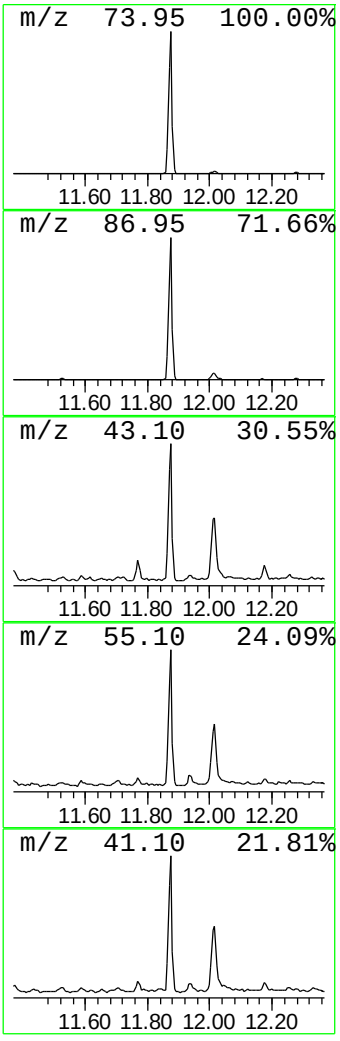
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	21.25 ng	1202990	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Operator : JU/SJ
Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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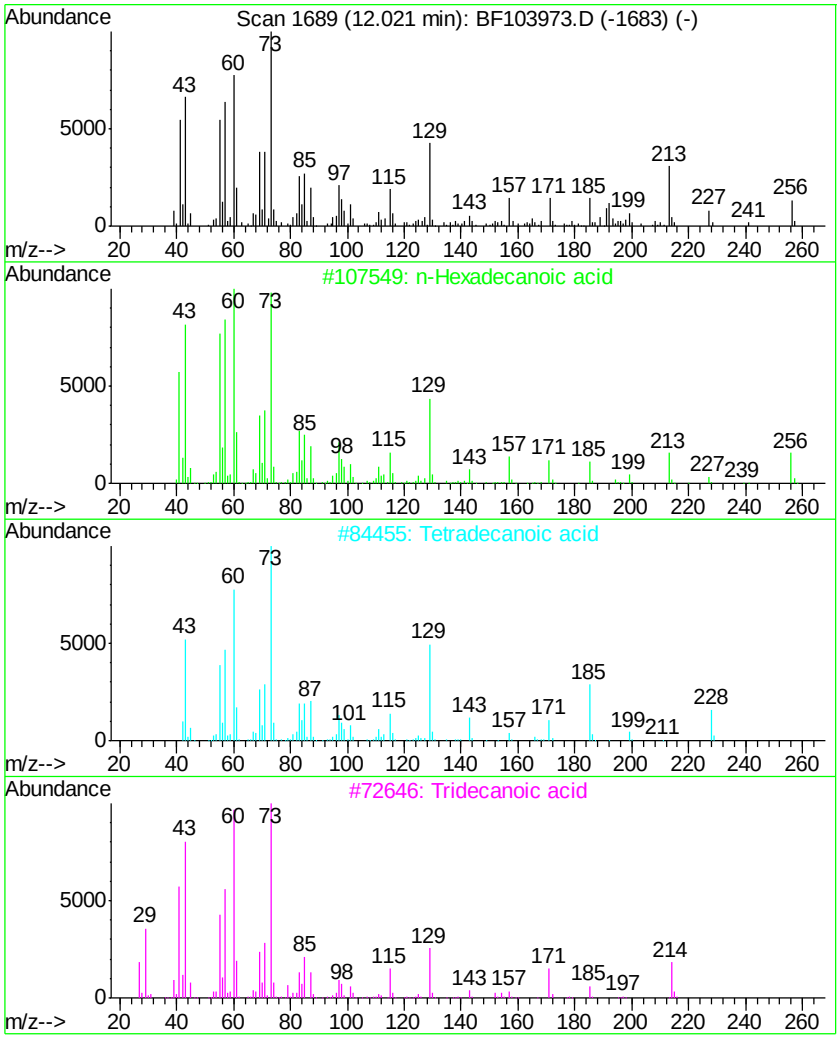
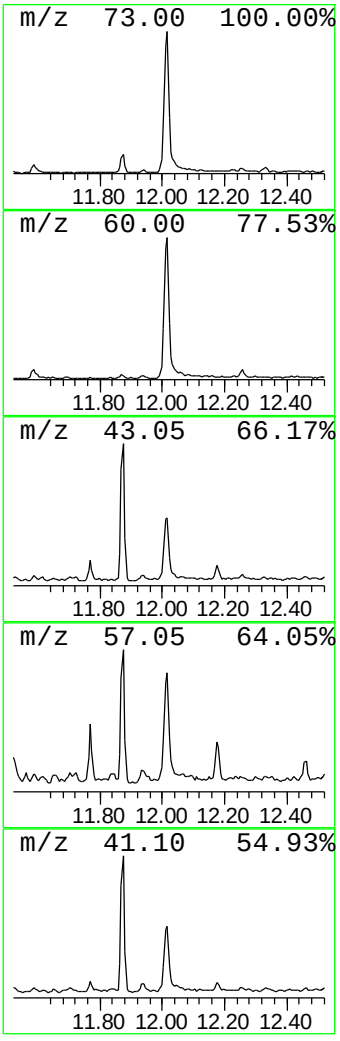
Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	13.82 ng	782236	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Sample : J1760-05
Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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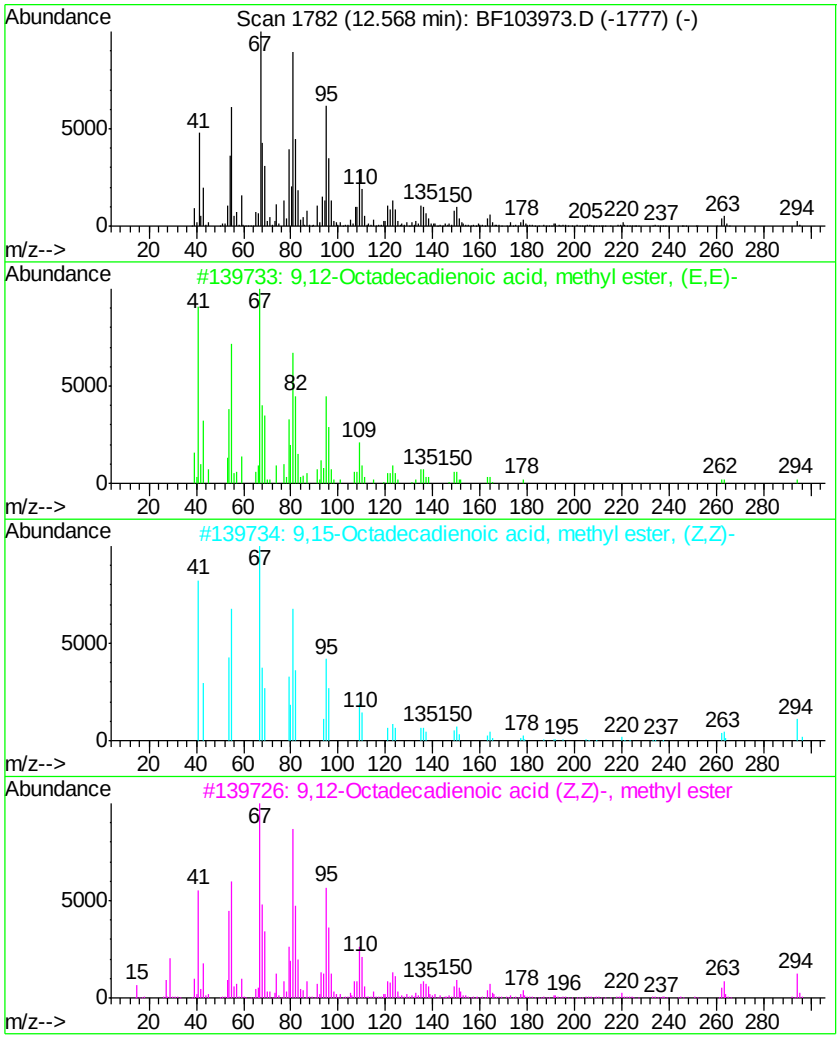
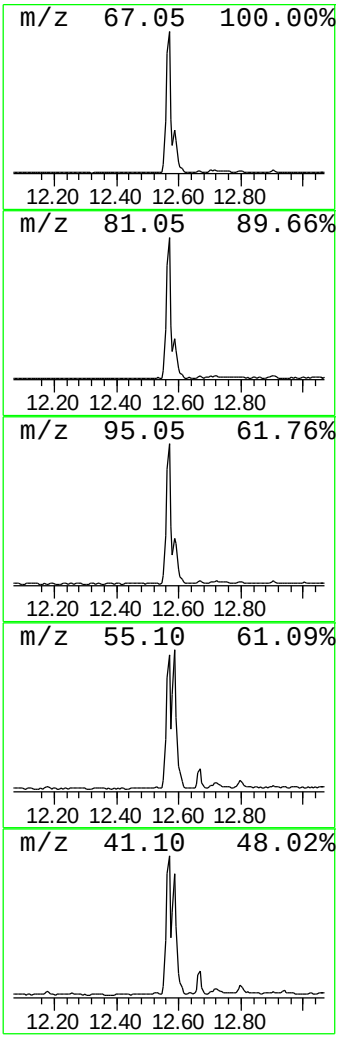
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	59.91 ng	3391560	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Misc :
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ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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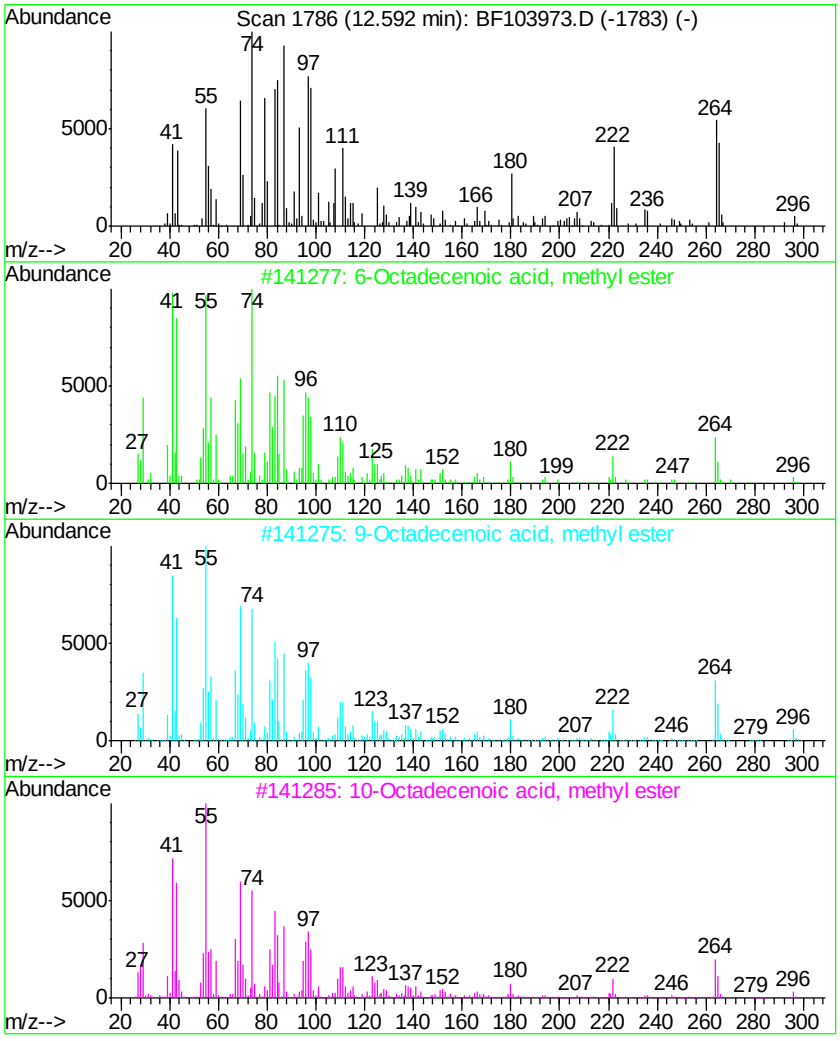
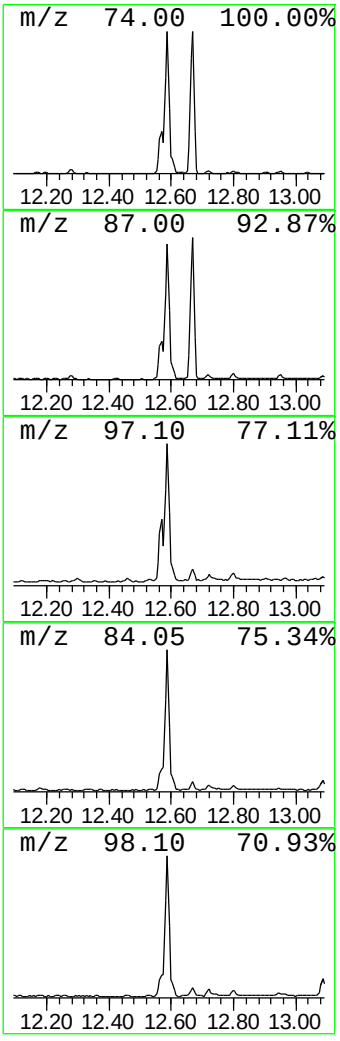
Peak Number 13 6-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	46.69 ng	2643090	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	89
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	89





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Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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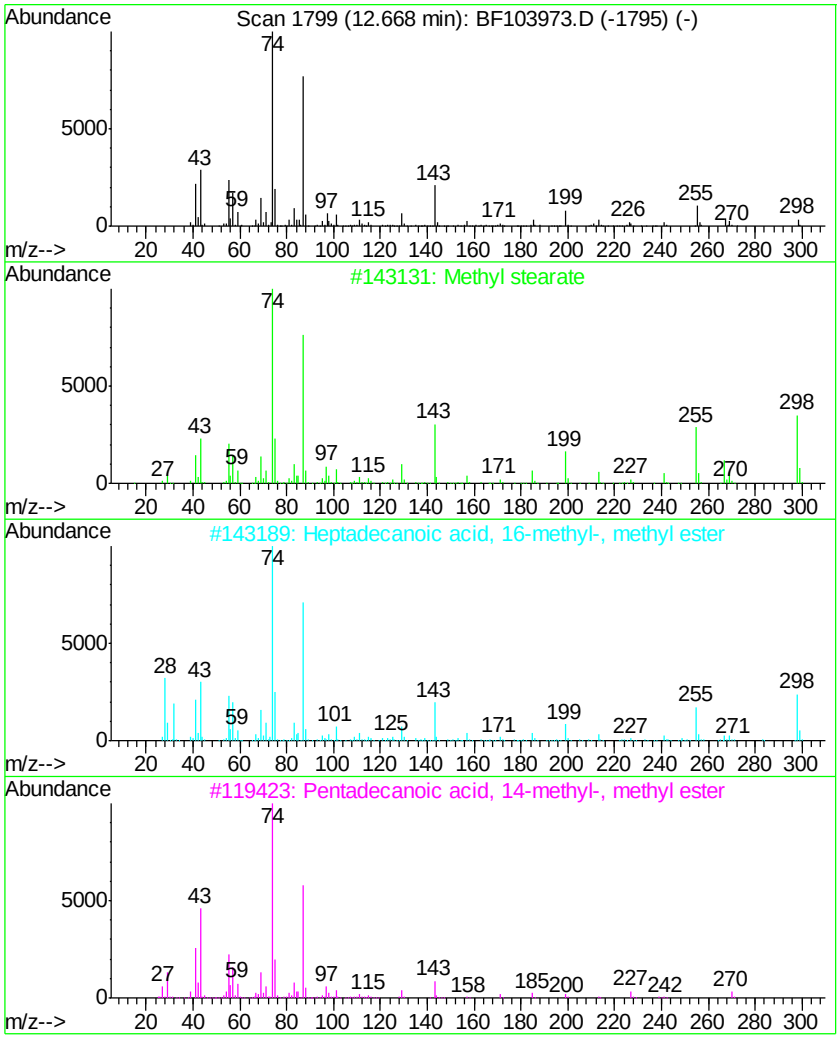
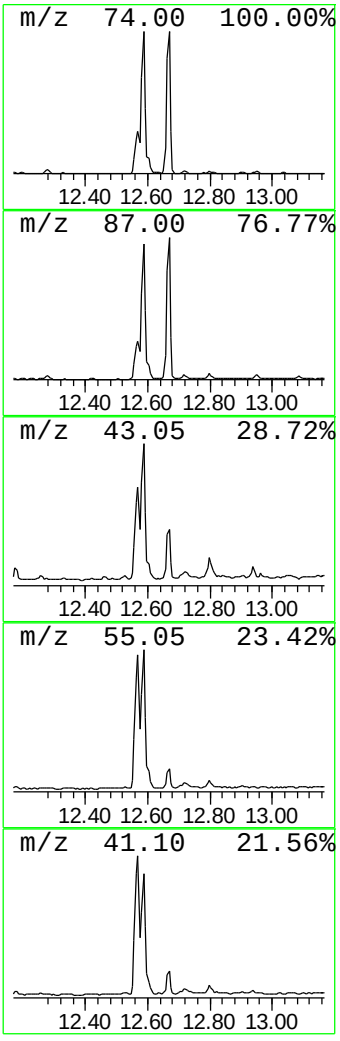
Peak Number 14 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	8.85 ng	501060	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Instrument : BNA_F
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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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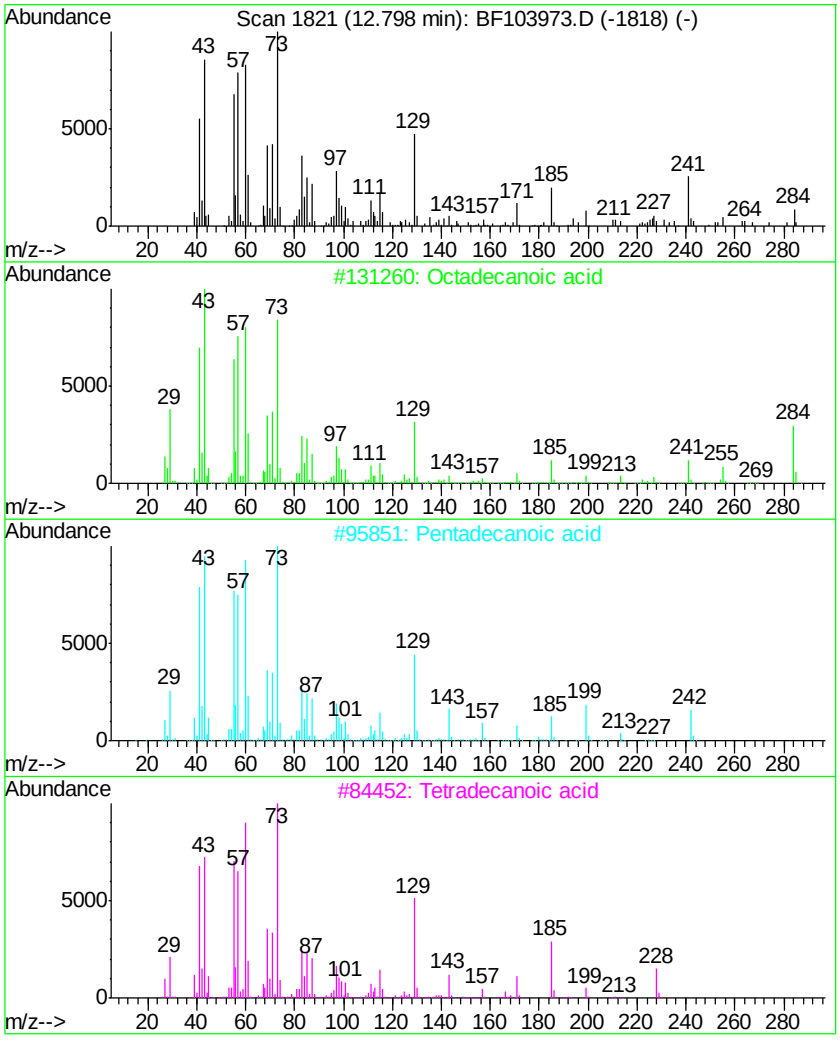
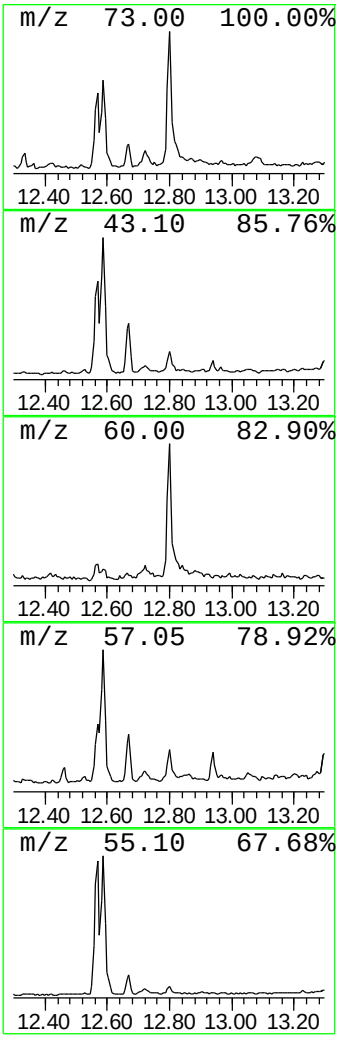
Peak Number 15 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.21 ng	181612	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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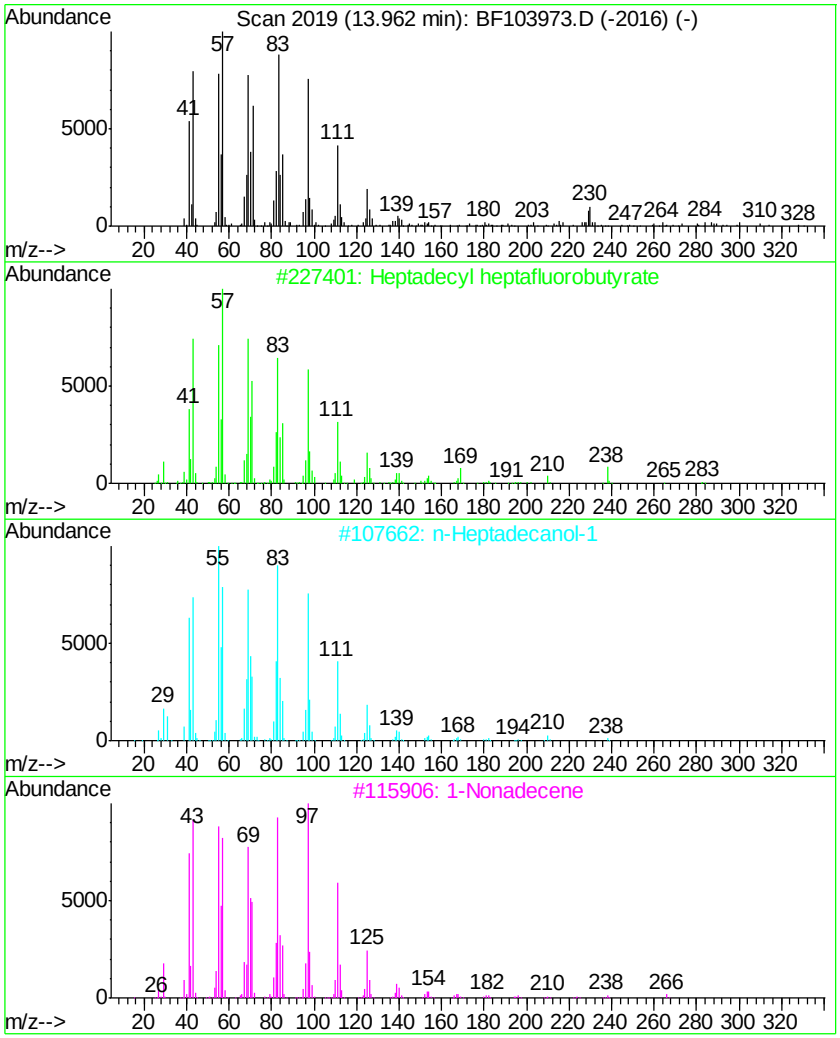
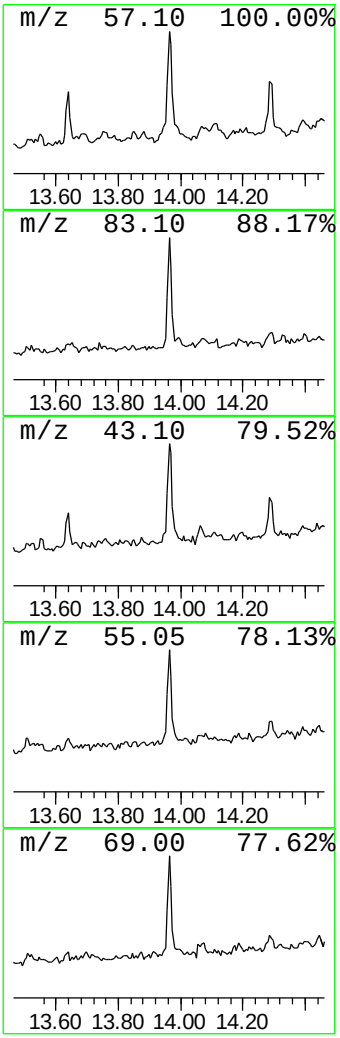
Peak Number 16 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.39 ng	249256	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	76





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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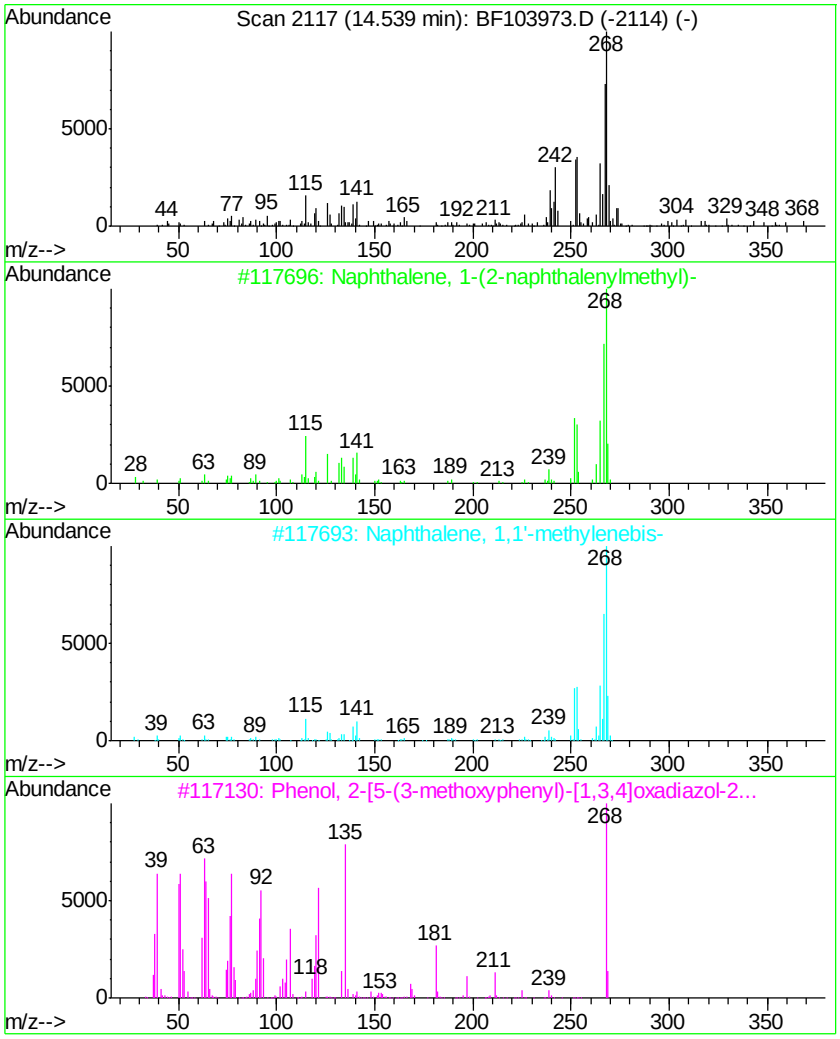
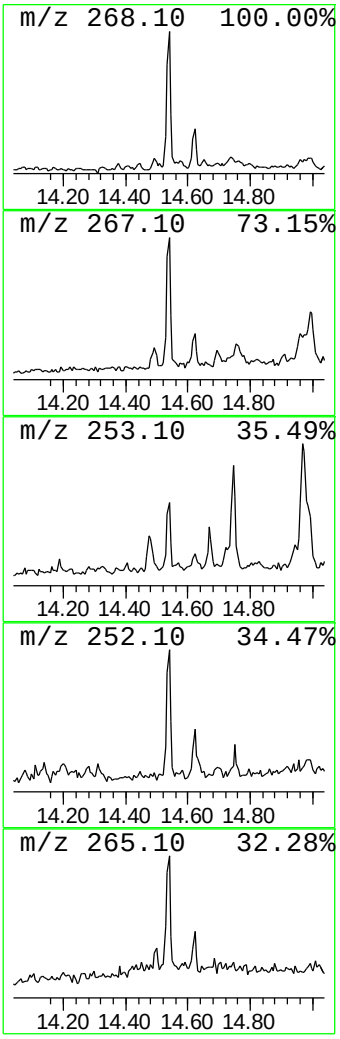
Peak Number 17 Naphthalene, 1-(2-naphthale... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.26 ng	104319	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	96
2	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	93
3	Phenol, 2-[5-(3-methoxyphenyl)-[...	268	C15H12N2O3	1000303-05-4	68
4	3-Methylcholanthrene	268	C21H16	000056-49-5	60
5	Pyrrolo[3,2-f]quinolin-9-one, 1,...	268	C17H20N2O	1000302-73-3	50





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Sample : J1760-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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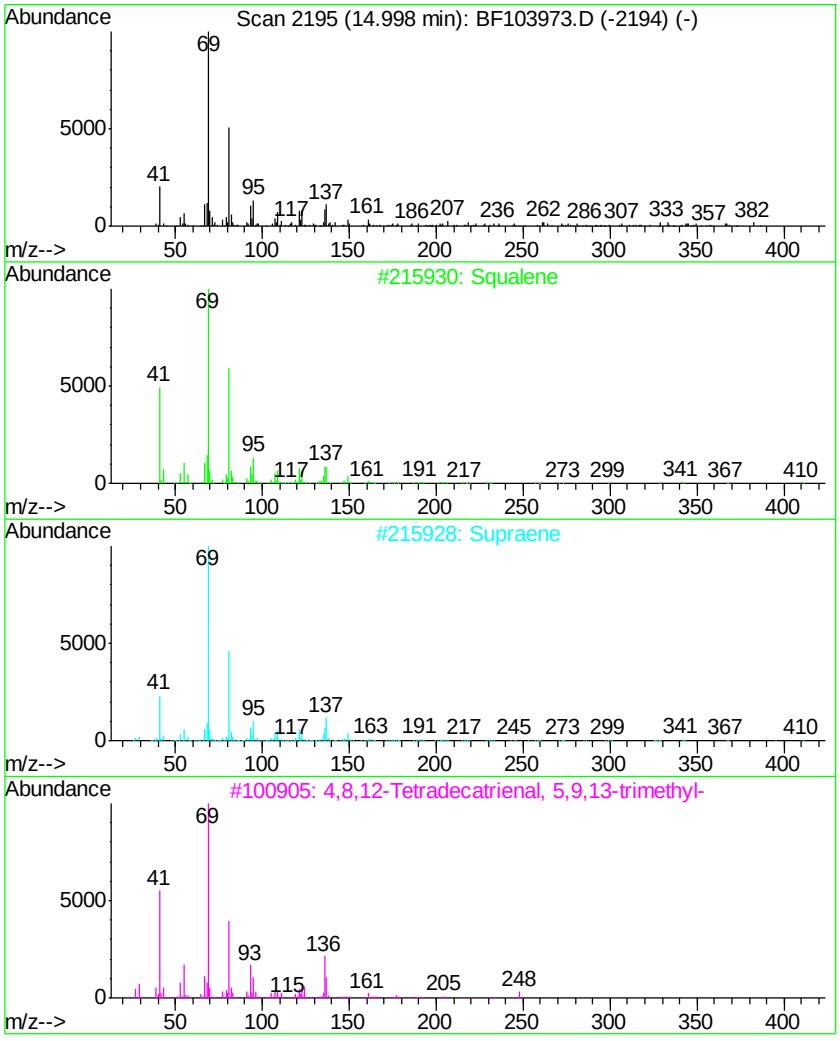
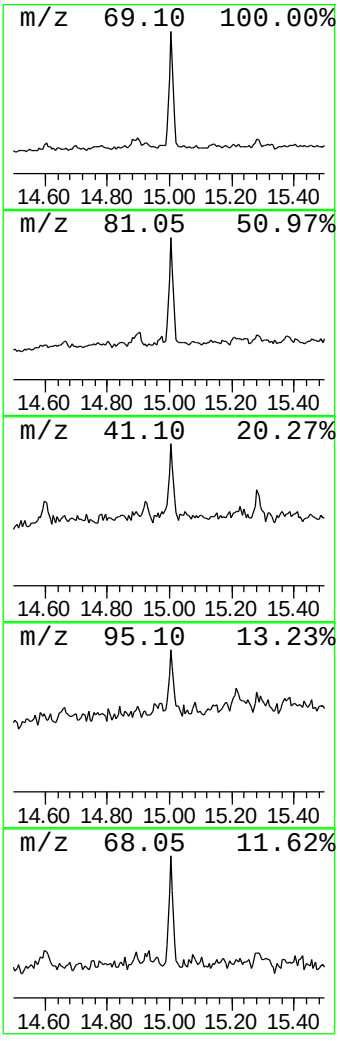
Peak Number 18 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	4.77 ng	188543	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	87
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103973.D
Acq On : 27 Mar 2018 16:51
Operator : JU/SJ
Sample : J1760-05
Misc :
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Instrument : BNA_F
ClientSampleId : SU-04-032318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
Butane, 2-methoxy...	2.32	3.4	ng	157084	1	6.97	928193	20.0
2-Pentanone, 4-hy...	5.23	4.1	ng	191356	1	6.97	928193	20.0
unknown6.75	6.75	70.8	ng	3284640	1	6.97	928193	20.0
Heptane, 2,2,4-tr...	7.23	2.0	ng	94870	1	6.97	928193	20.0
Nonadecane	9.92	2.7	ng	165474	3	10.01	1212210	20.0
Tetradecane	10.42	4.2	ng	254383	3	10.01	1212210	20.0
Heneicosane	10.89	5.3	ng	300108	4	11.50	1132280	20.0
Hexadecanoic acid...	11.87	21.3	ng	1202990	4	11.50	1132280	20.0
n-Hexadecanoic acid	12.02	13.8	ng	782236	4	11.50	1132280	20.0
9,12-Octadecadien...	12.57	59.9	ng	3391560	4	11.50	1132280	20.0
6-Octadecenoic ac...	12.59	46.7	ng	2643090	4	11.50	1132280	20.0
Methyl stearate	12.67	8.8	ng	501060	4	11.50	1132280	20.0
Octadecanoic acid	12.80	3.2	ng	181612	4	11.50	1132280	20.0
Heptadecyl heptaf...	13.96	5.4	ng	249256	5	14.16	924946	20.0
Naphthalene, 1-(2...	14.54	2.3	ng	104319	5	14.16	924946	20.0
Squalene	15.00	4.8	ng	188543	6	15.70	789956	20.0