LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-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-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	35	40	48	rVB	99888	134237	4.41%	0.365%
2	5.216	527	532	540	rBV	96325	130927	4.30%	0.356%
3	5.598	592	597	600	rBV	2730671	2764443	90.86%	7.526%
4	6.598	761	767	774	rBV	2639777	2798044	91.97%	7.618%
5	6.745	787	792	795	rBV	2940646	2864788	94.16%	7.799%
6	6.792	798	800	804	rVB	51476	41305	1.36%	0.112%
7	6.975	827	831	834	rBV	931411	824908	27.11%	2.246%
8	7.128	853	857	861	rBV	2418628	2214132	72.78%	6.028%
9	7.534	922	926	929	rBV	1799408	1798096	59.10%	4.895%
10	8.222	1040	1043	1045	rBV	96734	91847	3.02%	0.250%
11	8.257	1045	1049	1054	rVV	1207107	1153730	37.92%	3.141%
12	8.298	1054	1056	1059	rVB	59645	49789	1.64%	0.136%
13	8.534	1092	1096	1100	rBV4	42656	48275	1.59%	0.131%
14	8.657	1115	1117	1120	rVB2	48759	35543	1.17%	0.097%
15	8.751	1129	1133	1136	rBV	56053	54285	1.78%	0.148%
16	8.828	1143	1146	1151	rVB	151428	122513	4.03%	0.334%
17	8.916	1158	1161	1166	rVB5	29164	38870	1.28%	0.106%
18	9.069	1185	1187	1192	rBV3	64067	63777	2.10%	0.174%
19	9.192	1205	1208	1211	rBV2	56634	51704	1.70%	0.141%
20	9.257	1217	1219	1222	rVB2	46383	40729	1.34%	0.111%
21	9.328	1226	1231	1234	rBV	3442334	3042391	100.00%	8.283%
22	9.392	1239	1242	1246	rVB	196153	170461	5.60%	0.464%
23	9.586	1272	1275	1281	rVB6	28324	48405	1.59%	0.132%
24	9.645	1281	1285	1286	rBV3	36492	41552	1.37%	0.113%
25	9.716	1294	1297	1305	rVB	250084	279087	9.17%	0.760%
26	9.775	1305	1307	1311	rBV3	37994	49860	1.64%	0.136%
27	9.875	1317	1324	1327	rBV4	40044	57652	1.89%	0.157%
28	9.928	1329	1333	1337	rVB	295276	250761	8.24%	0.683%
29	10.016	1344	1348	1351	rBV	1314884	1170157	38.46%	3.186%
30	10.045	1351	1353	1356	rVB	44045	38489	1.27%	0.105%
31	10.163	1368	1373	1375	rBV2	32754	47489	1.56%	0.129%
32	10.216	1379	1382	1385	rVB2	60144	52345	1.72%	0.143%
33	10.245	1385	1387	1392	rBV3	67037	72978	2.40%	0.199%
34	10.328	1398	1401	1404	rBV4	33969	42203	1.39%	0.115%

LSC Area Percent Report

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Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.357	1404	1406	1411	rVB4	23162	33549	1.10%	0.091%
36	10.428	1411	1418	1421	rBV	364065	317815	10.45%	0.865%
37	10.563	1438	1441	1444	rBV	59032	48758	1.60%	0.133%
38	10.645	1450	1455	1458	rBV	111570	131684	4.33%	0.359%
39	10.727	1467	1469	1474	rVB2	30219	33345	1.10%	0.091%
40	10.804	1478	1482	1486	rBV	1856516	1851655	60.86%	5.041%
41	10.898	1495	1498	1504	rBV	293468	329777	10.84%	0.898%
42	11.057	1522	1525	1528	rVB	35872	33689	1.11%	0.092%
43	11.092	1528	1531	1533	rBV2	34865	37911	1.25%	0.103%
44	11.186	1545	1547	1551	rVB2	41180	36686	1.21%	0.100%
45	11.227	1551	1554	1556	rBV3	32257	33584	1.10%	0.091%
46	11.351	1572	1575	1577	rBV	241725	187022	6.15%	0.509%
47	11.380	1577	1580	1582	rVV2	83884	86085	2.83%	0.234%
48	11.404	1582	1584	1587	rVB	40759	34373	1.13%	0.094%
49	11.510	1598	1602	1604	rBV	1160255	1144947	37.63%	3.117%
50	11.527	1604	1605	1610	rVV	383414	289728	9.52%	0.789%
51	11.580	1611	1614	1619	rVB	92496	81987	2.69%	0.223%
52	11.774	1645	1647	1651	rBV	156749	132339	4.35%	0.360%
53	11.880	1661	1665	1668	rVB	733148	549710	18.07%	1.497%
54	12.010	1684	1687	1690	rBV2	87494	100534	3.30%	0.274%
55	12.039	1690	1692	1696	rVB2	72770	65990	2.17%	0.180%
56	12.086	1696	1700	1703	rBV2	28136	38198	1.26%	0.104%
57	12.122	1703	1706	1709	rVV2	85281	90957	2.99%	0.248%
58	12.186	1713	1717	1720	rBV	141116	122596	4.03%	0.334%
59	12.574	1778	1783	1784	rBV	2147843	2174377	71.47%	5.920%
60	12.592	1784	1786	1792	rVB2	1815321	1549578	50.93%	4.219%
61	12.674	1797	1800	1805	rVB	294994	241349	7.93%	0.657%
62	12.721	1805	1808	1813	rBV	408667	405740	13.34%	1.105%
63	12.957	1842	1848	1853	rVB	373914	448194	14.73%	1.220%
64	13.092	1867	1871	1874	rBV	2522359	2295089	75.44%	6.248%
65	13.169	1881	1884	1887	rBV4	25525	33571	1.10%	0.091%
66	13.239	1893	1896	1898	rBV3	49820	51959	1.71%	0.141%
67	13.280	1901	1903	1905	rVV	54476	45180	1.49%	0.123%
68	13.351	1912	1915	1917	rVB	55759	47633	1.57%	0.130%
69	13.392	1918	1922	1929	rBV4	38314	82022	2.70%	0.223%
70	13.651	1961	1966	1969	rBV2	49852	67432	2.22%	0.184%
71	13.974	2017	2021	2025	rBV2	381623	379352	12.47%	1.033%

LSC Area Percent Report

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Data File : BF103936.D
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Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.157	2047	2052	2055	rBV2	878803	992858	32.63%	2.703%
73	14.186	2055	2057	2064	rVB	138265	141254	4.64%	0.385%
74	14.304	2074	2077	2081	rVB3	35281	37616	1.24%	0.102%
75	14.621	2128	2131	2135	rBV4	75319	76134	2.50%	0.207%
76	15.015	2196	2198	2201	rVB	66617	61132	2.01%	0.166%
77	15.245	2233	2237	2243	rBV	93035	194124	6.38%	0.528%
78	15.633	2300	2303	2309	rVB	82060	112347	3.69%	0.306%
79	15.704	2310	2315	2320	rBV	598498	796152	26.17%	2.167%

Sum of corrected areas: 36731784

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
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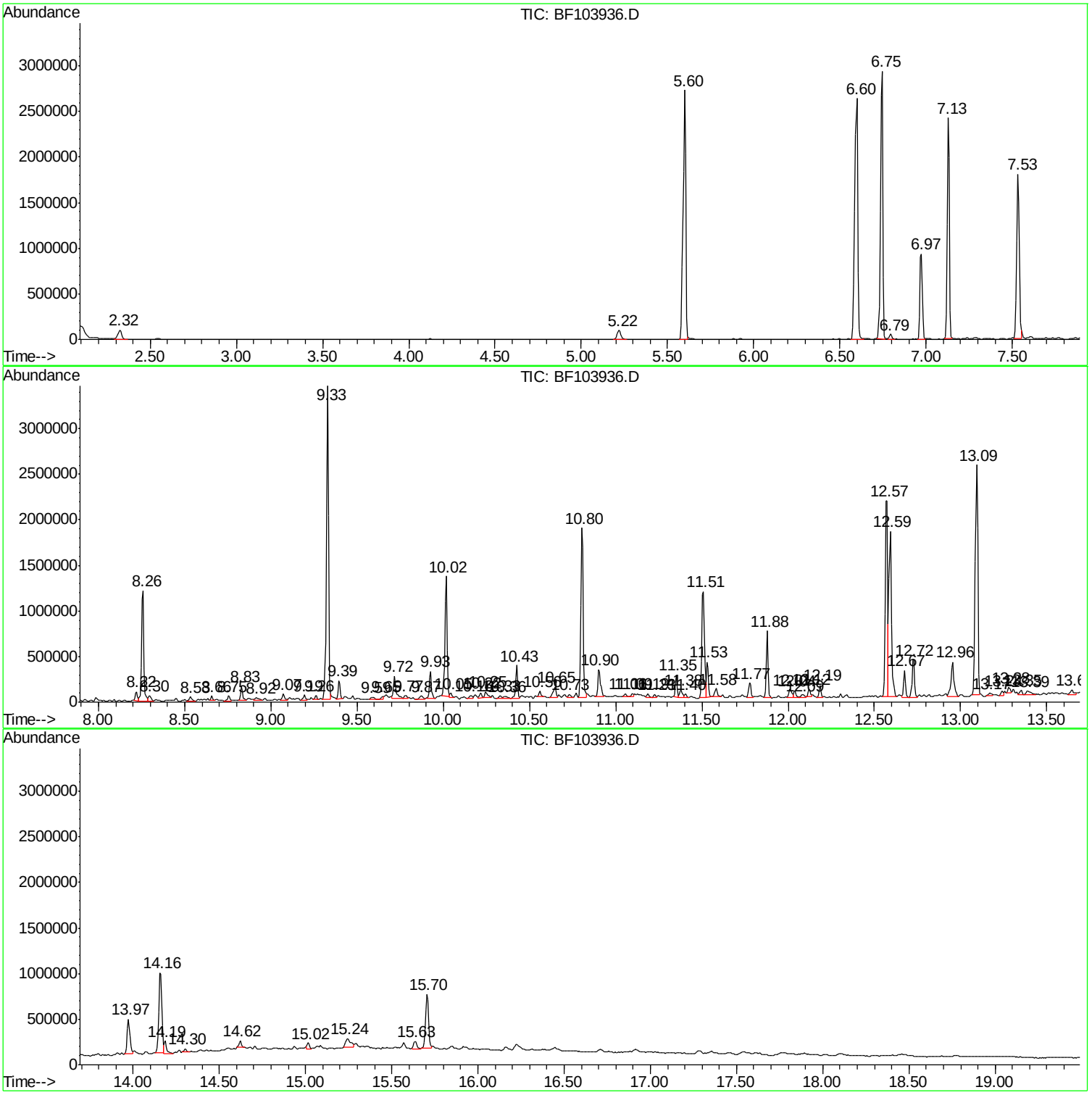
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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

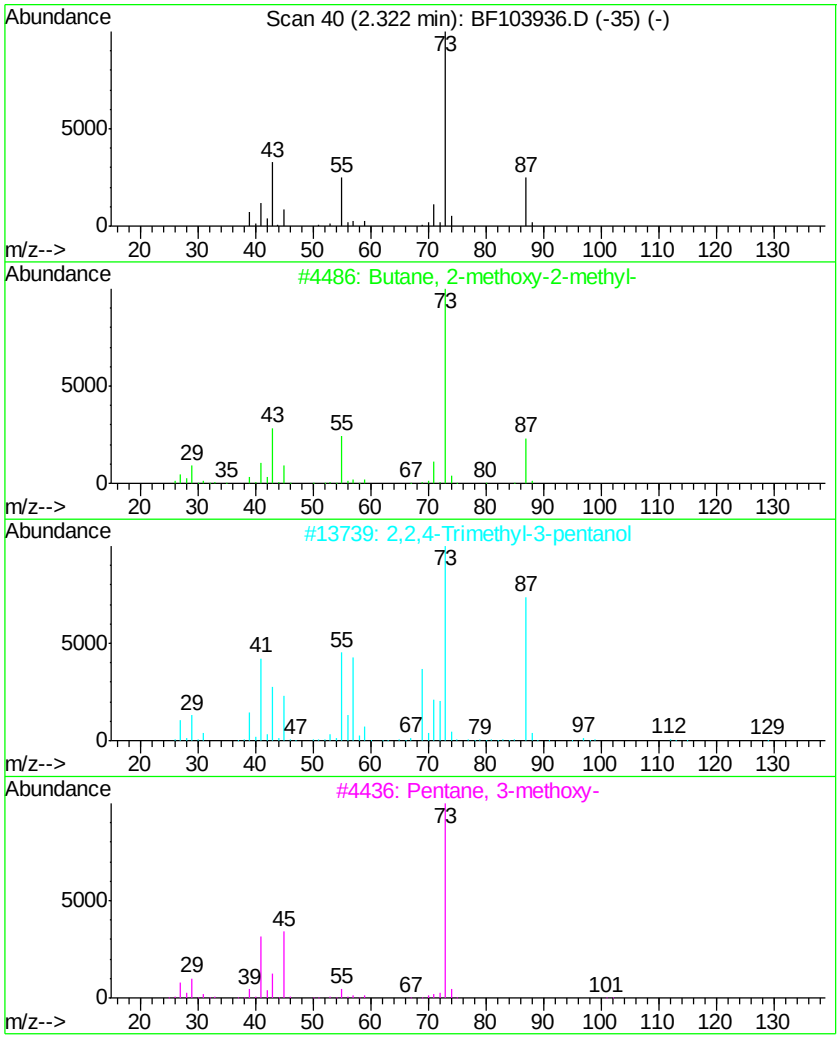
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

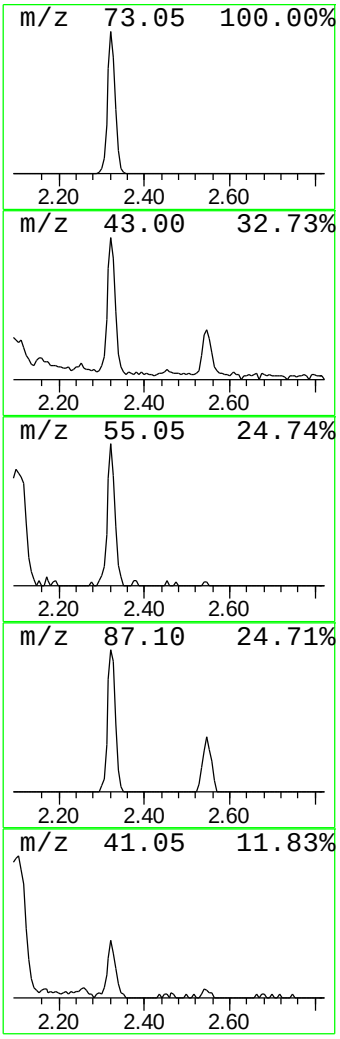
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.25 ng	134237	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
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Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

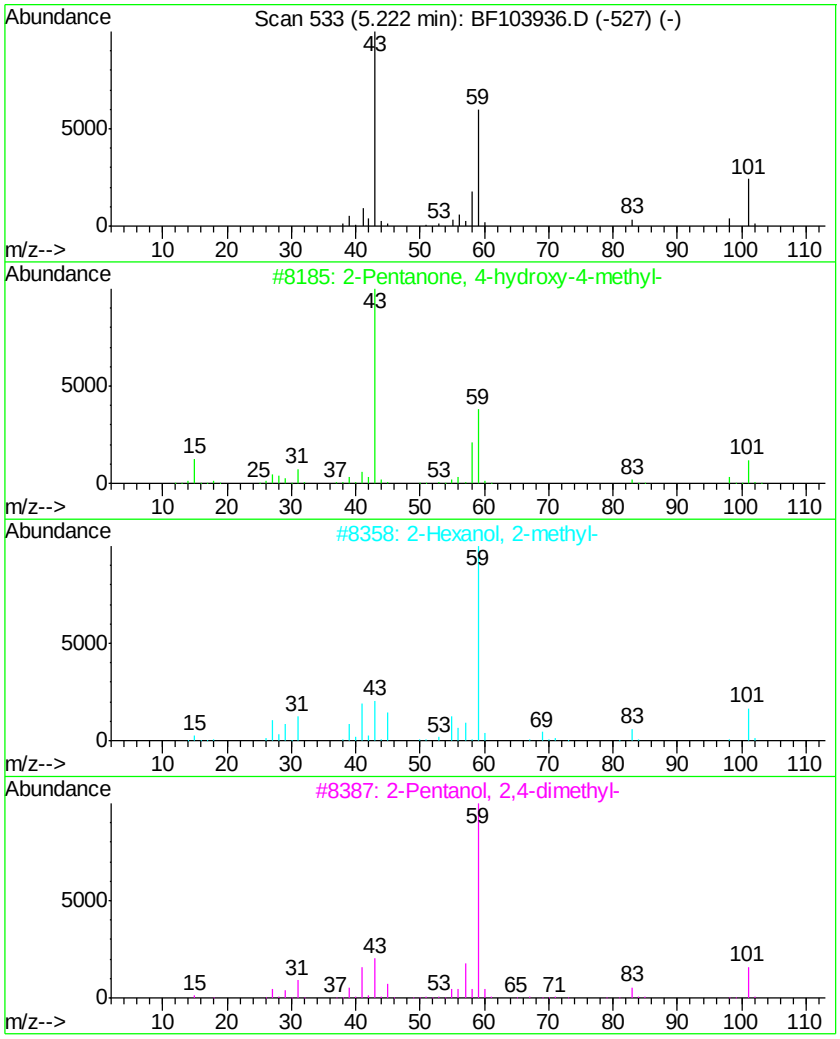
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

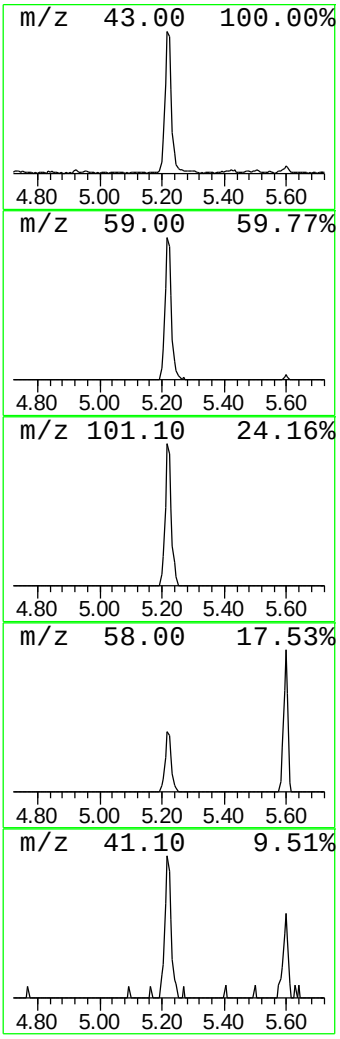
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.17 ng	130927	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	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
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Sample : J1758-03
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Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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

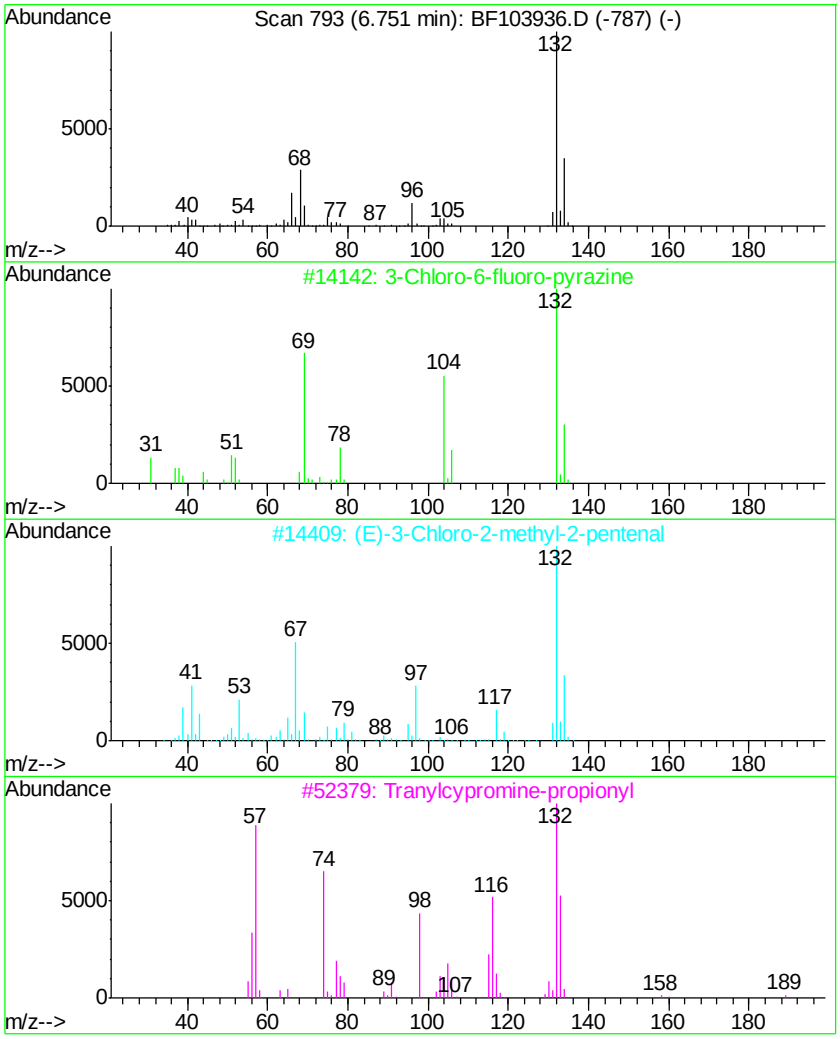
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

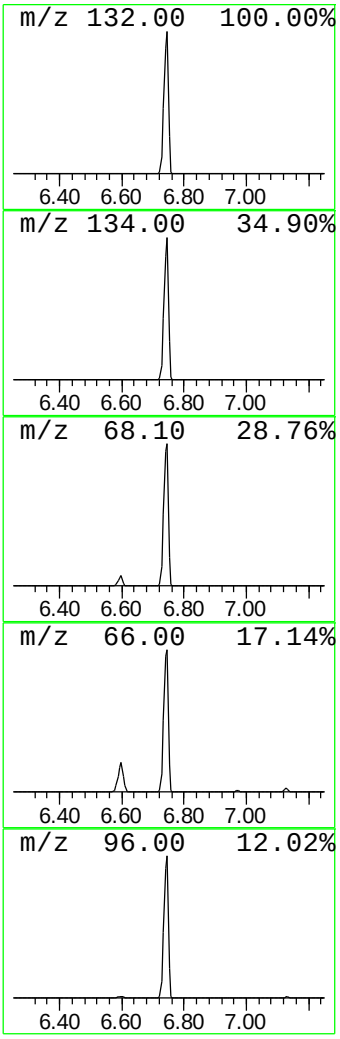
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	69.46 ng	2864790	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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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

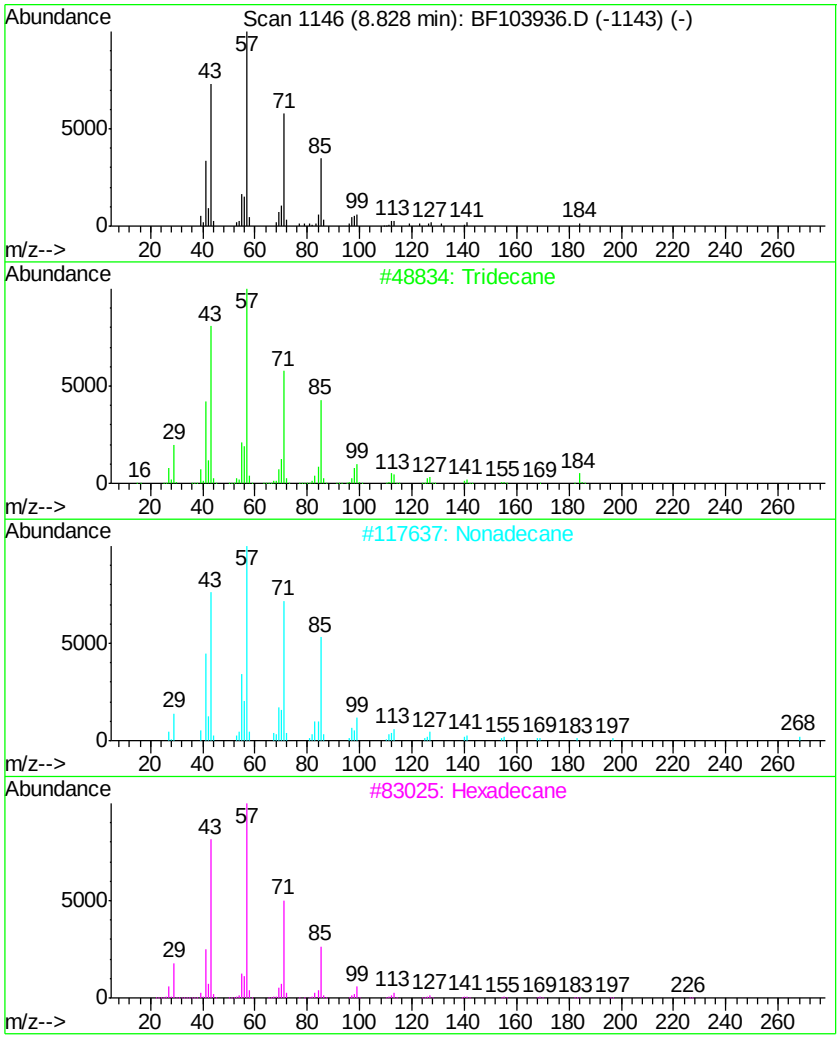
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

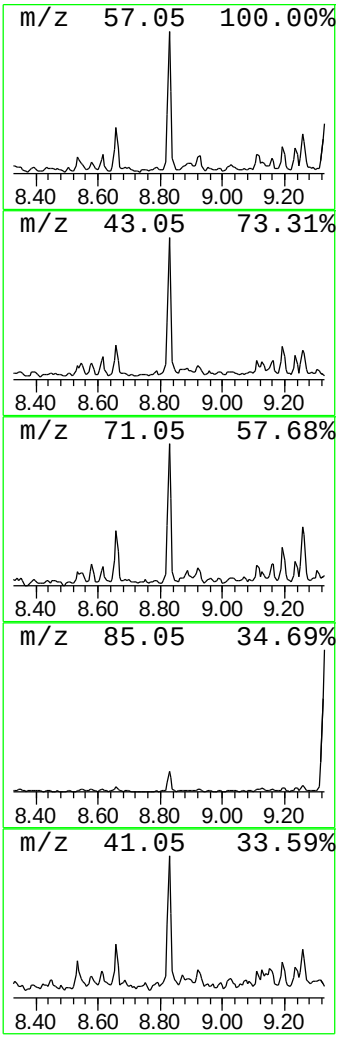
****

Peak Number 5 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.12 ng	122513	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Pentadecane	212	C15H32	000629-62-9	80





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Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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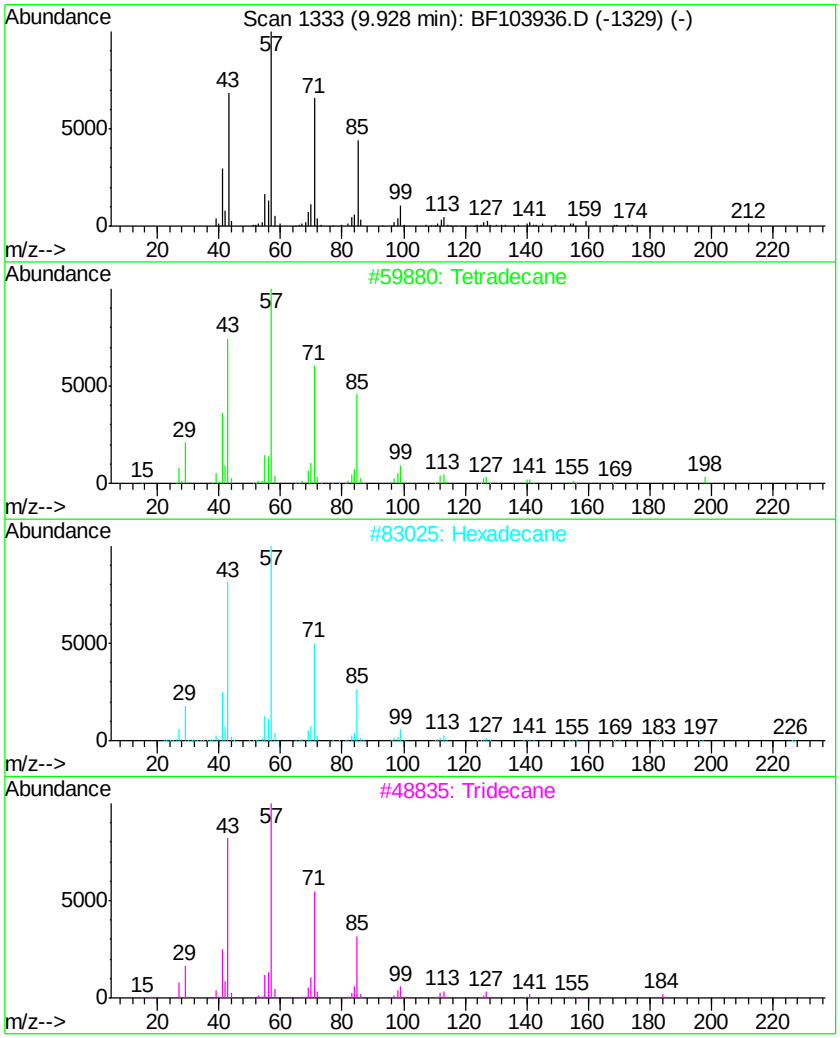
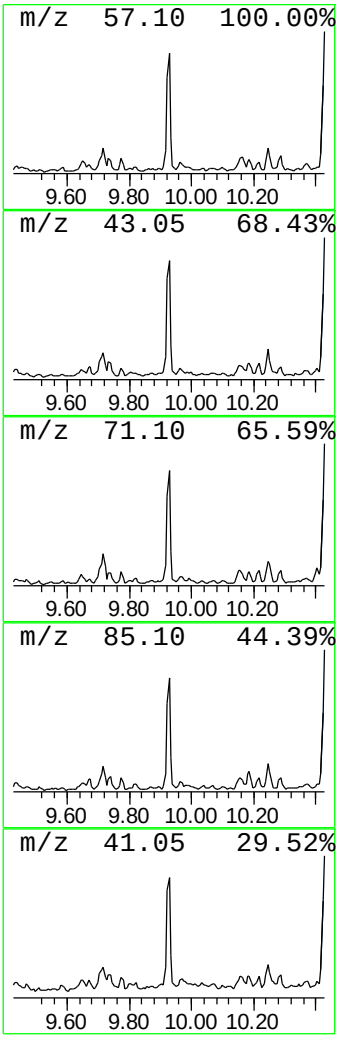
Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.29 ng	250761	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tridecane	184	C13H28	000629-50-5	64
4	Pentadecane	212	C15H32	000629-62-9	60
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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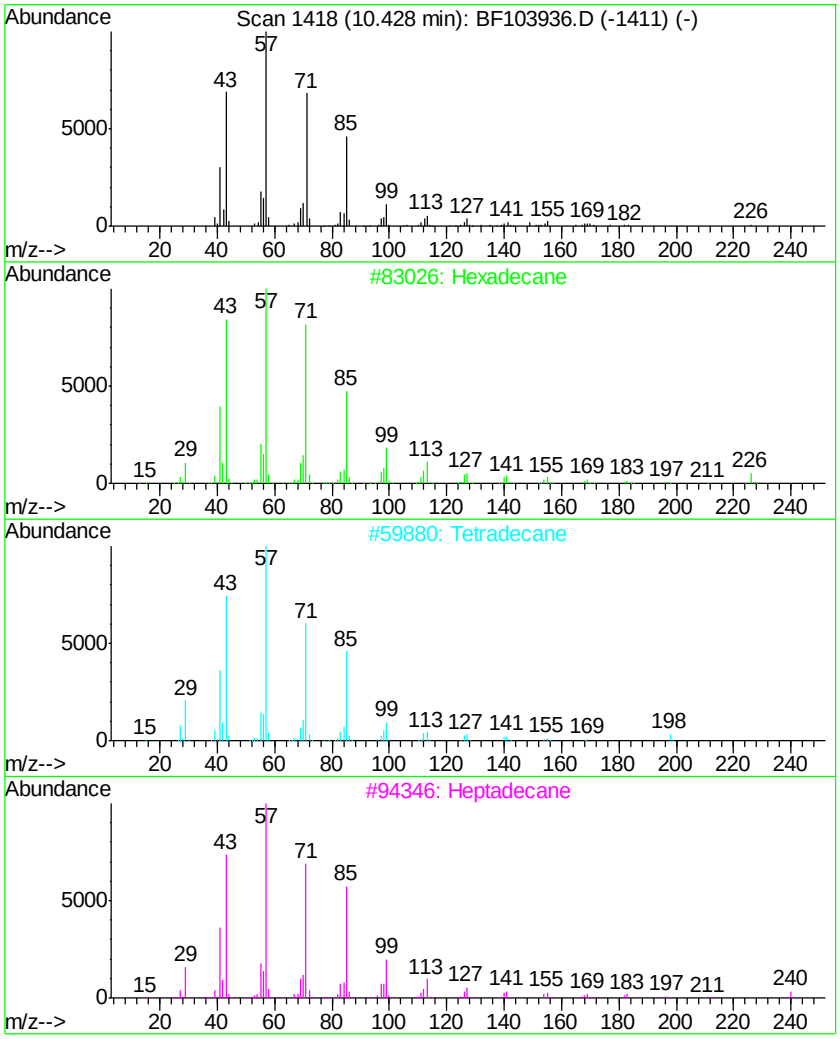
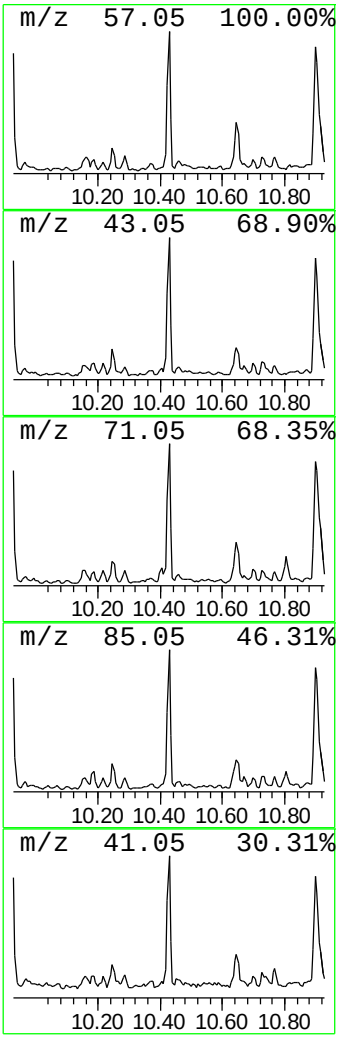
Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	5.43 ng	317815	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Dodecane	170	C12H26	000112-40-3	90
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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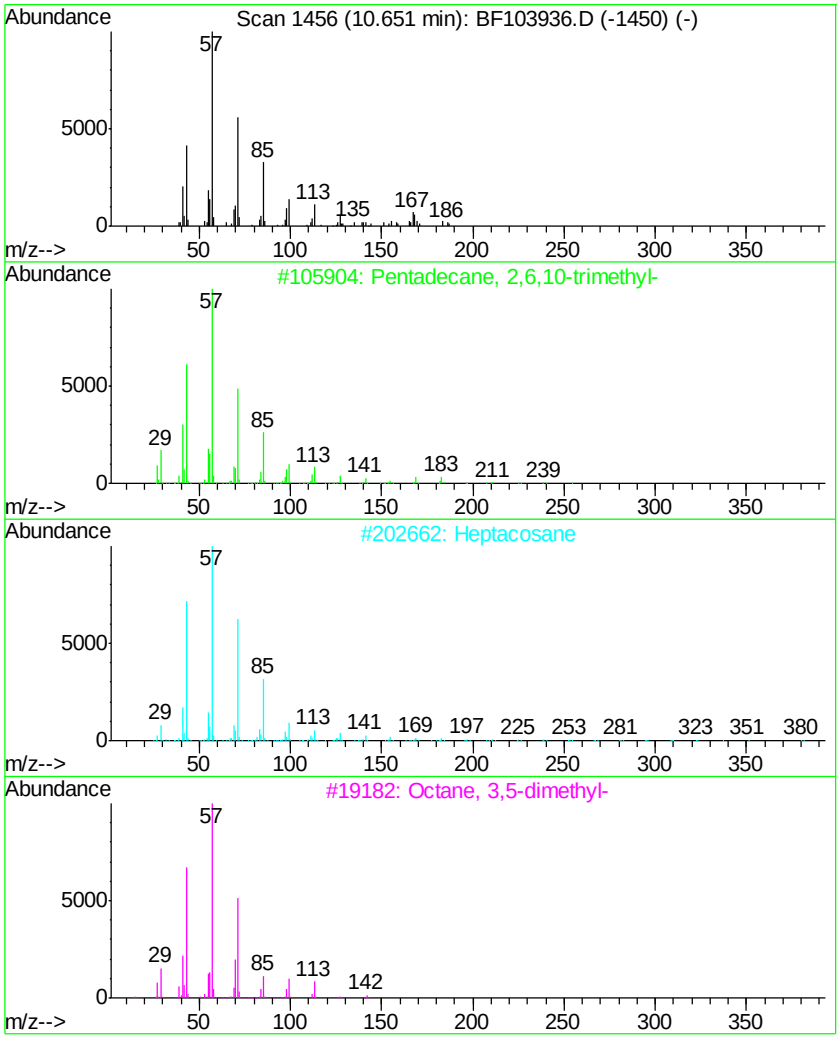
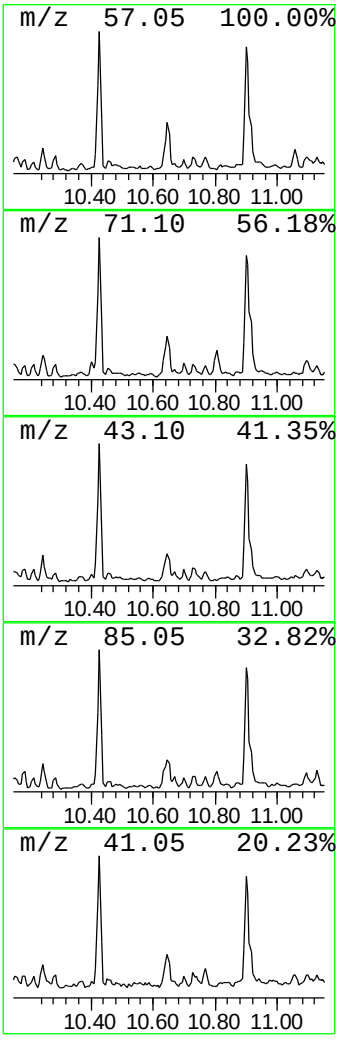
Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.25 ng	131684	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	81
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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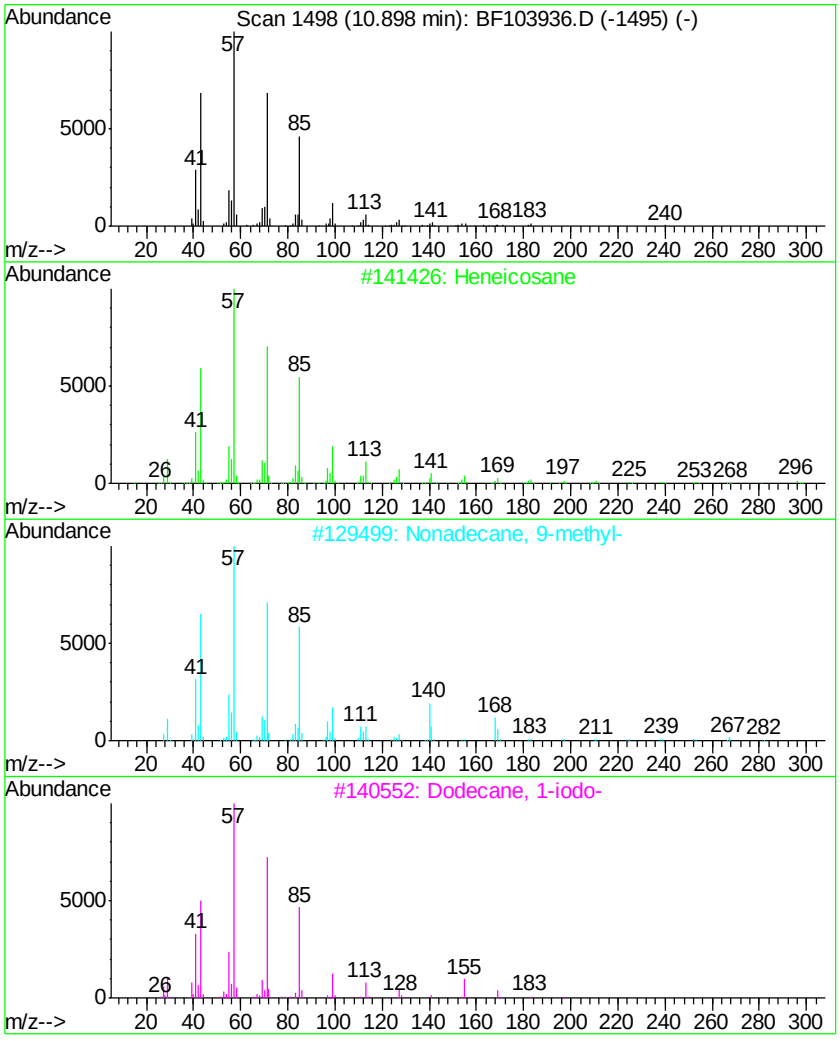
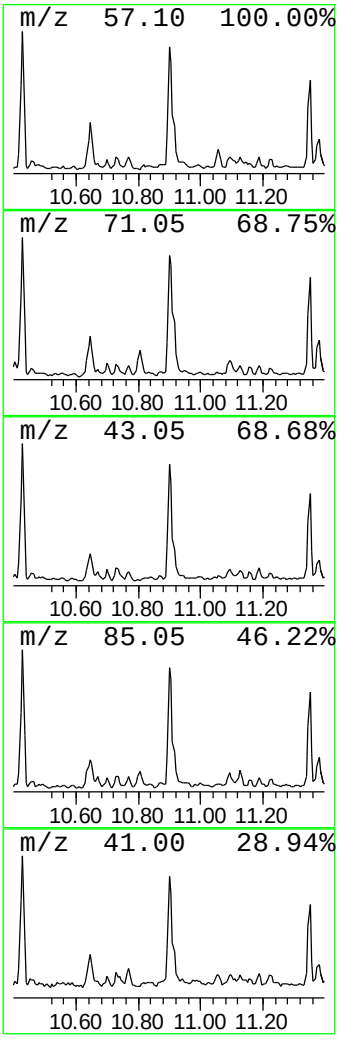
Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.76 ng	329777	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

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Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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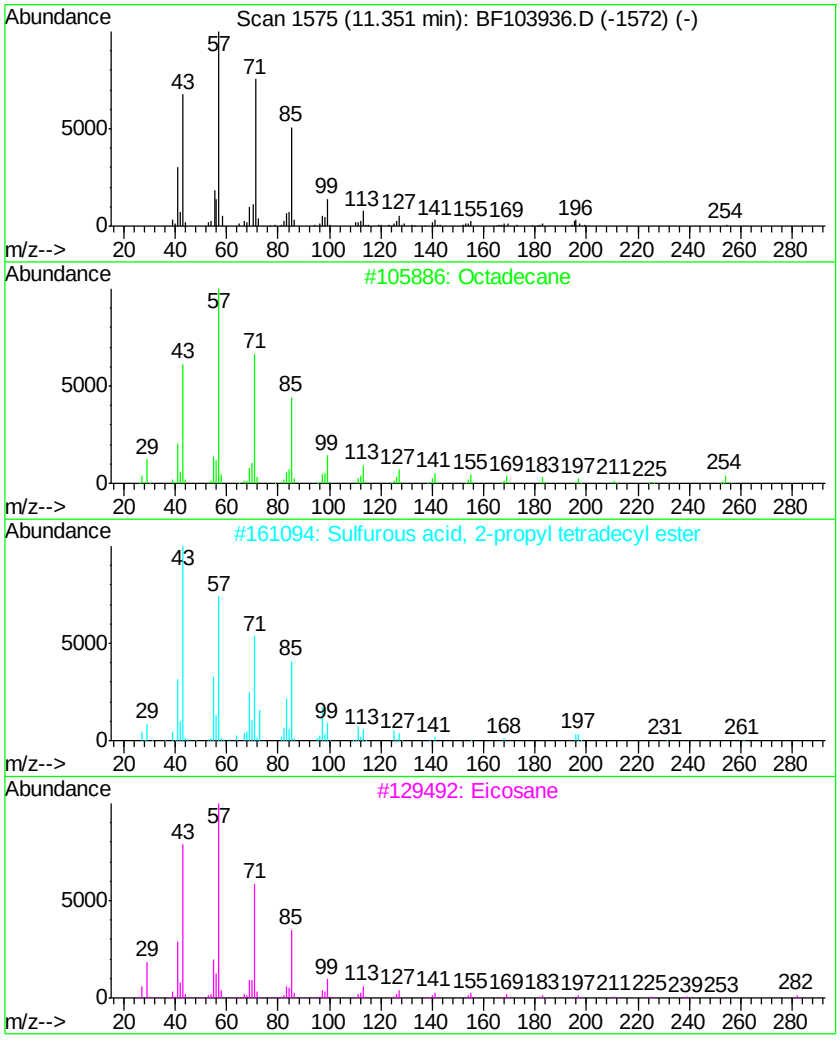
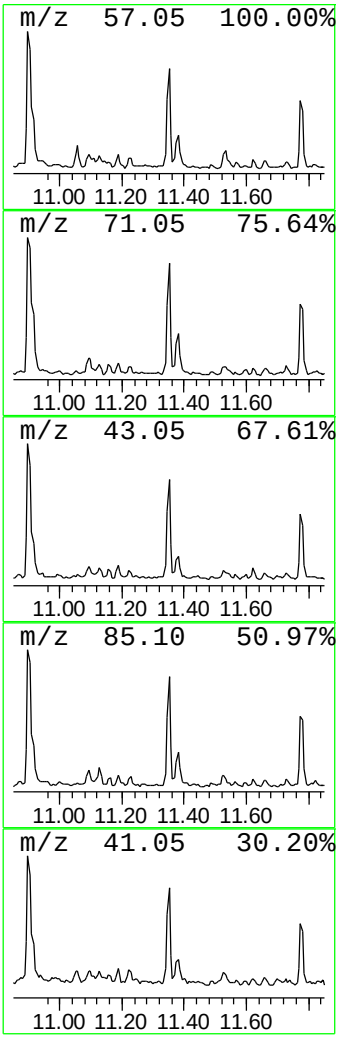
Peak Number 11 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.27 ng	187022	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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TIC Library : C:\DATABASE\NIST11.L
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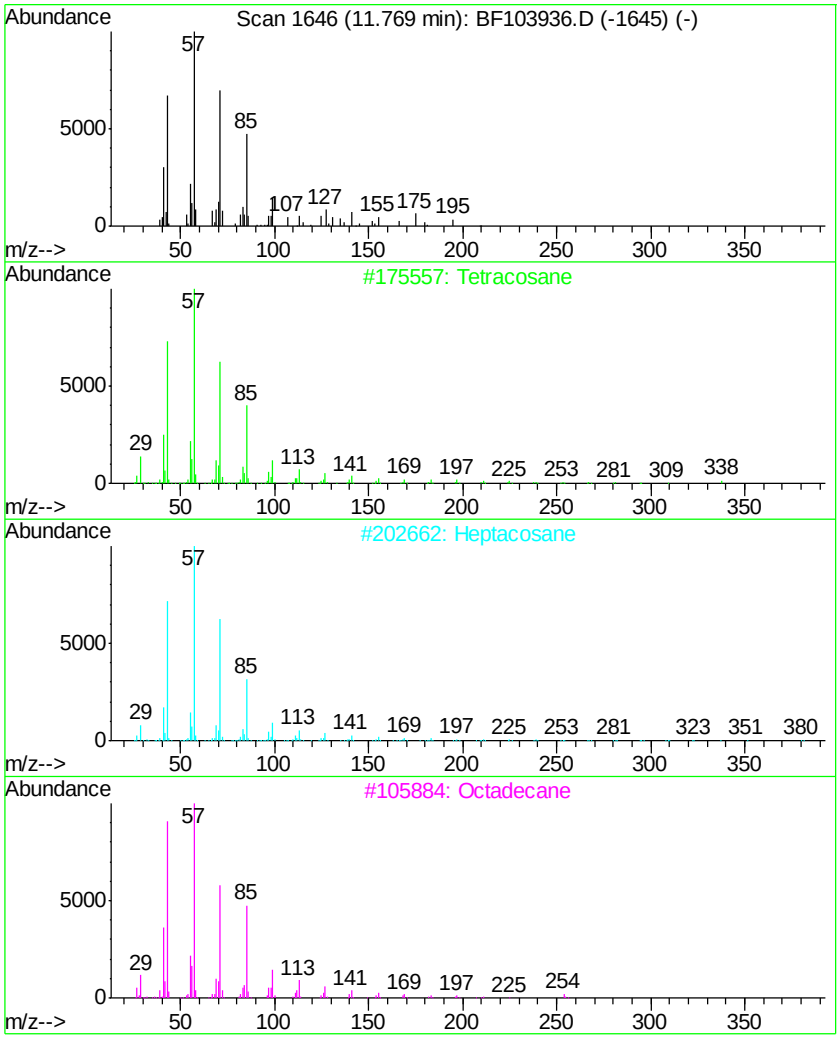
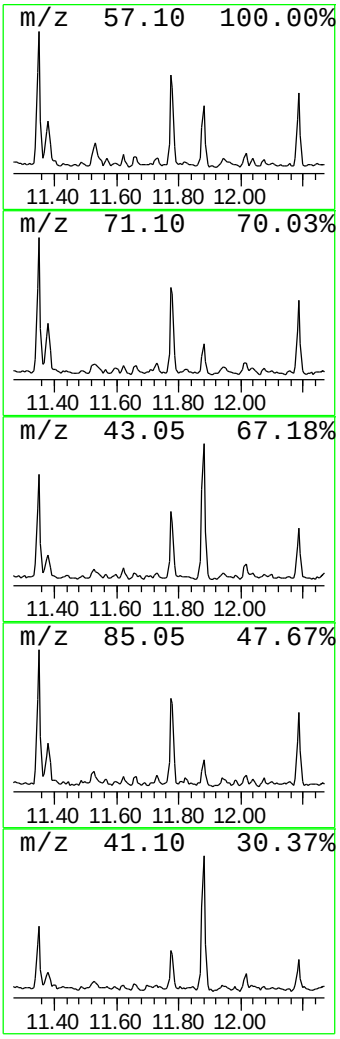
Peak Number 12 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.31 ng	132339	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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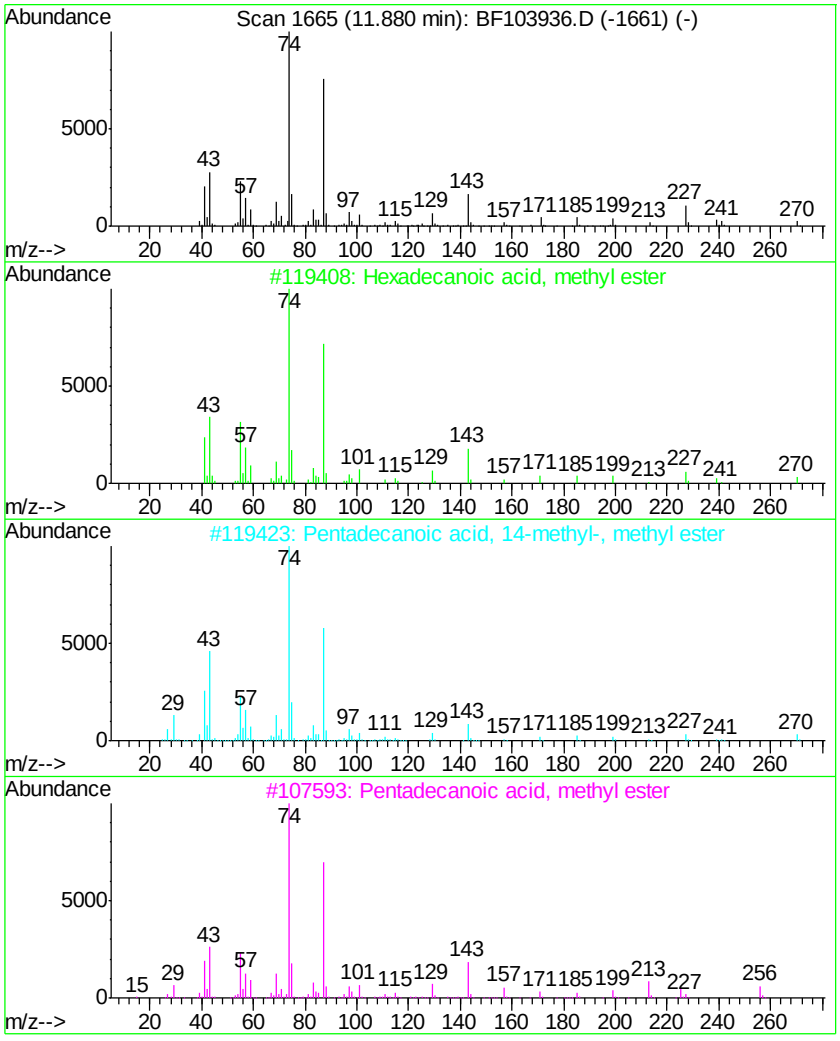
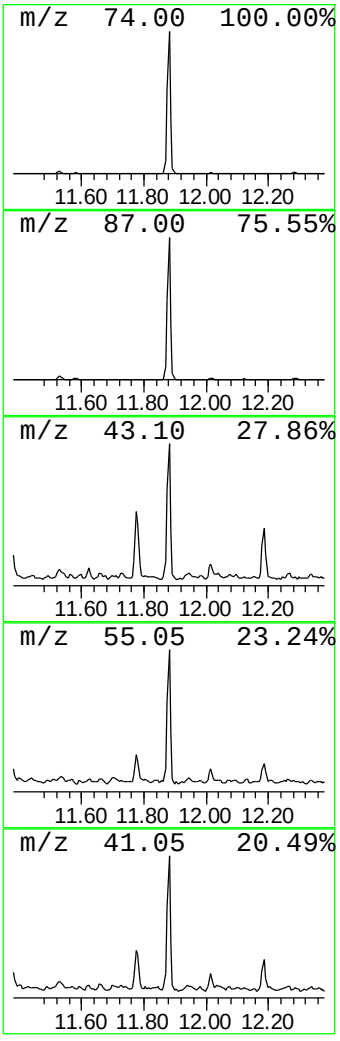
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	9.60 ng	549710	Phenanthrene-d10	11.51

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	92
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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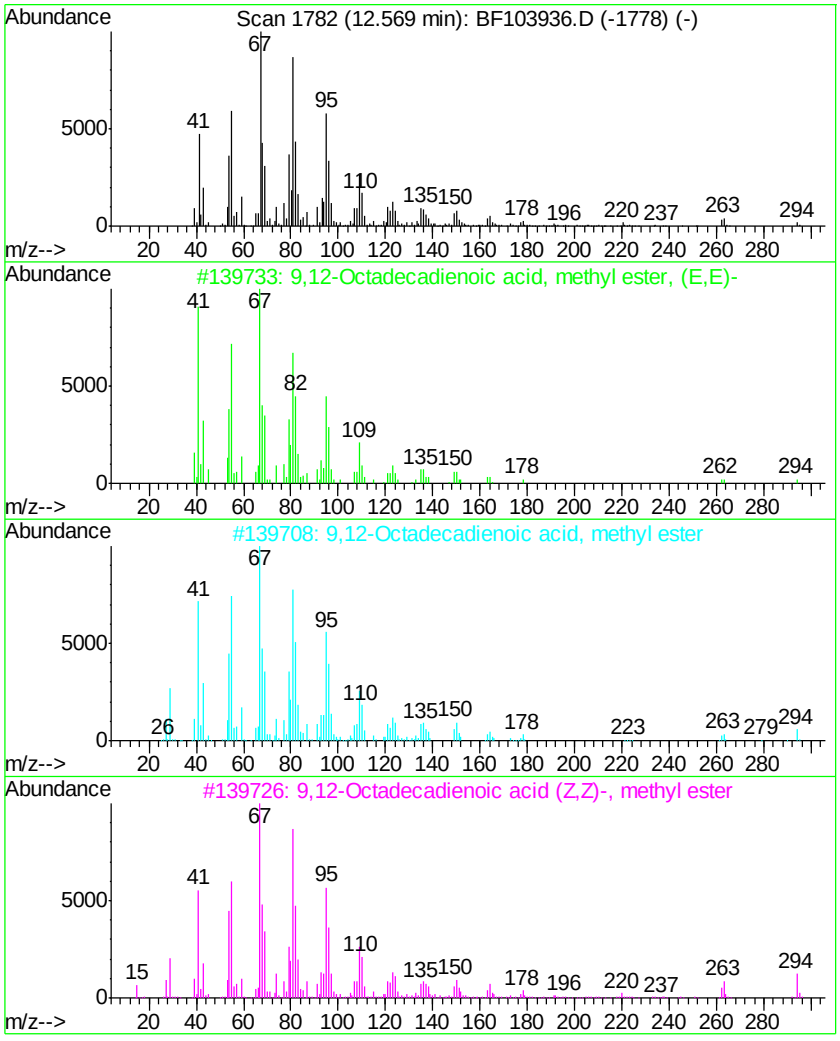
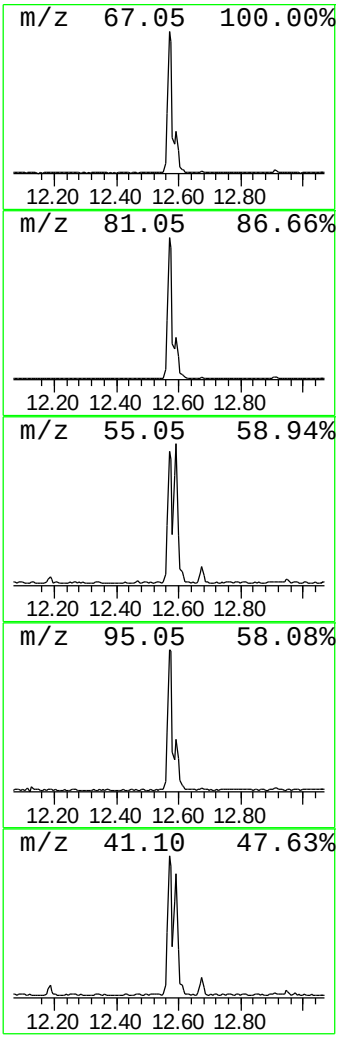
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	37.98 ng	2174380	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

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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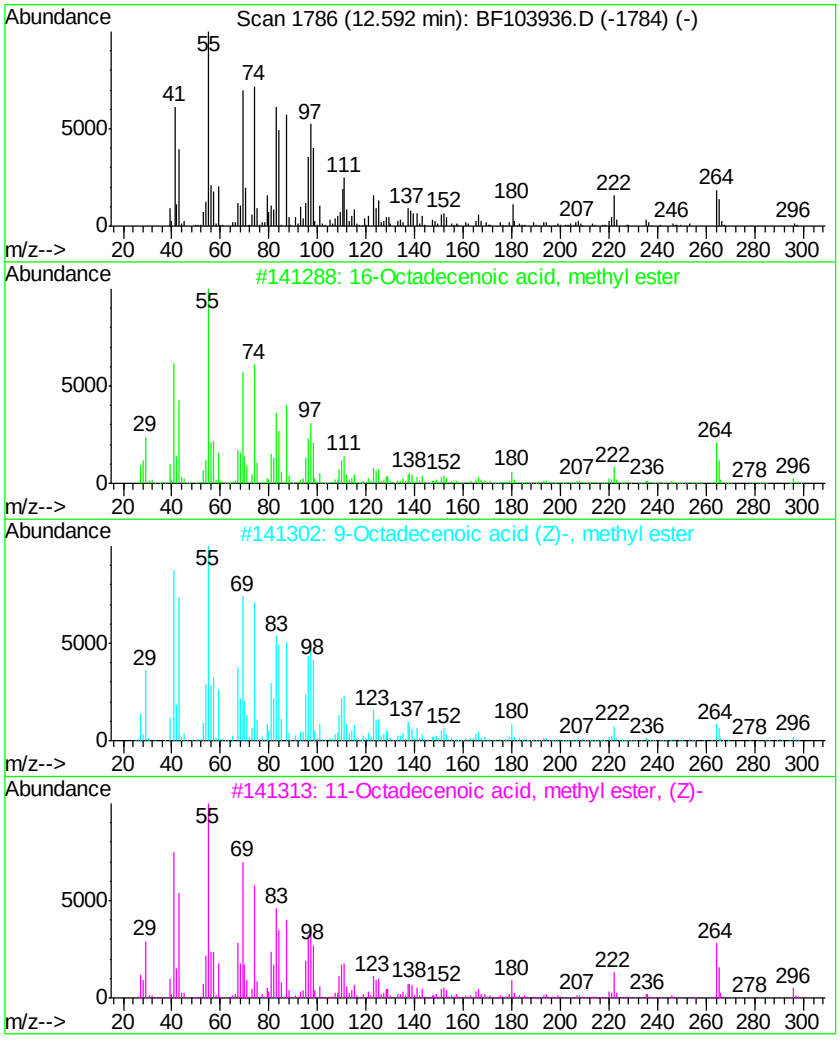
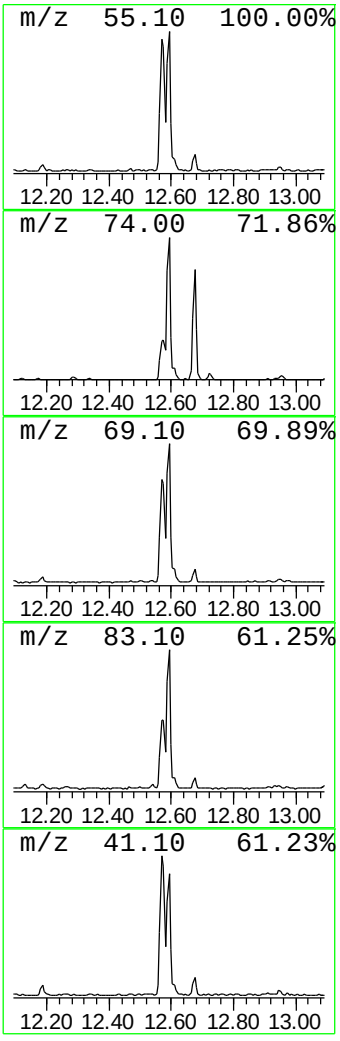
Peak Number 16 16-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	27.07 ng	1549580	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94





Library Search Compound Report

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Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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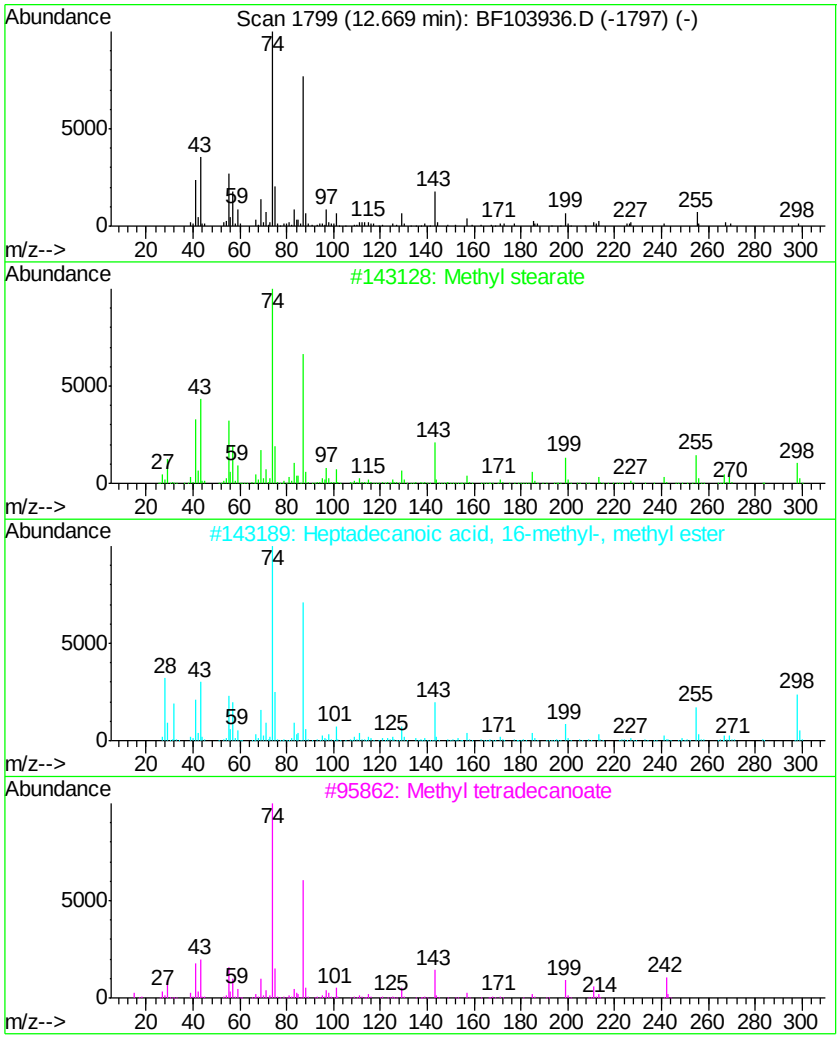
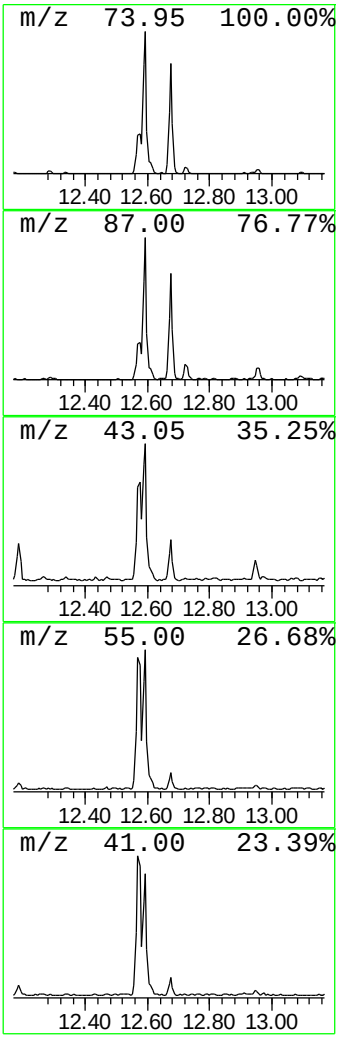
Peak Number 17 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.22 ng	241349	Phenanthrene-d10	11.51

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	97
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86





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Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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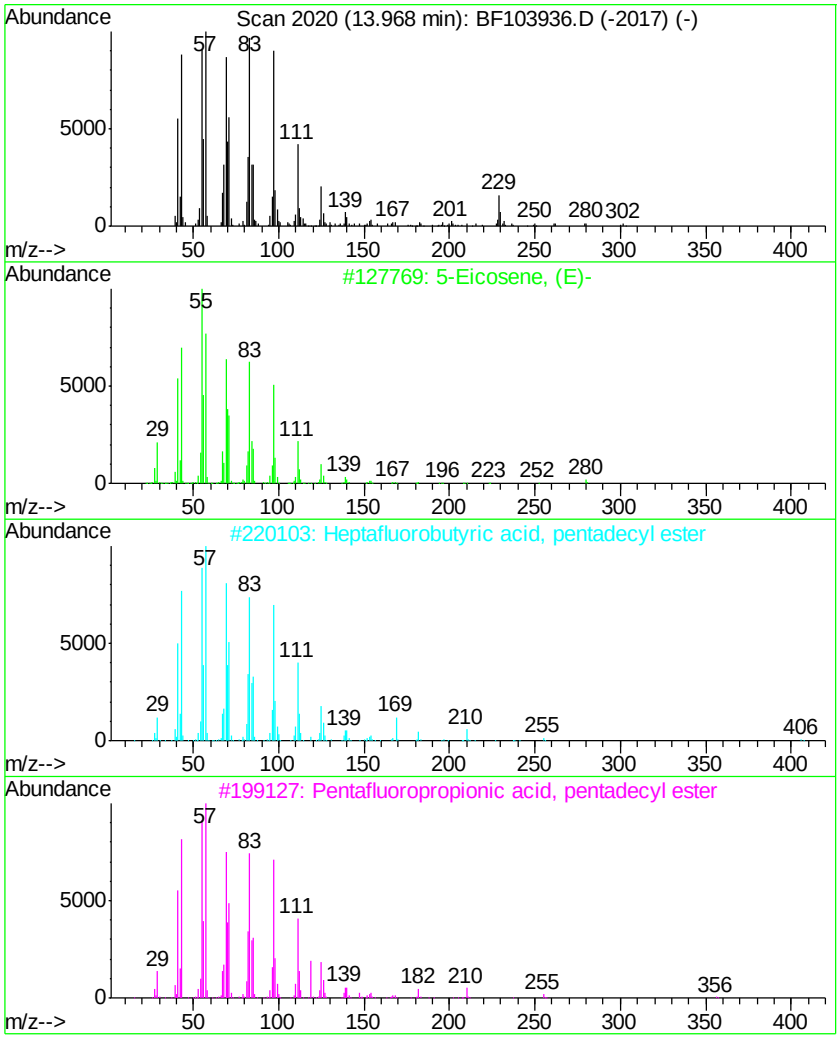
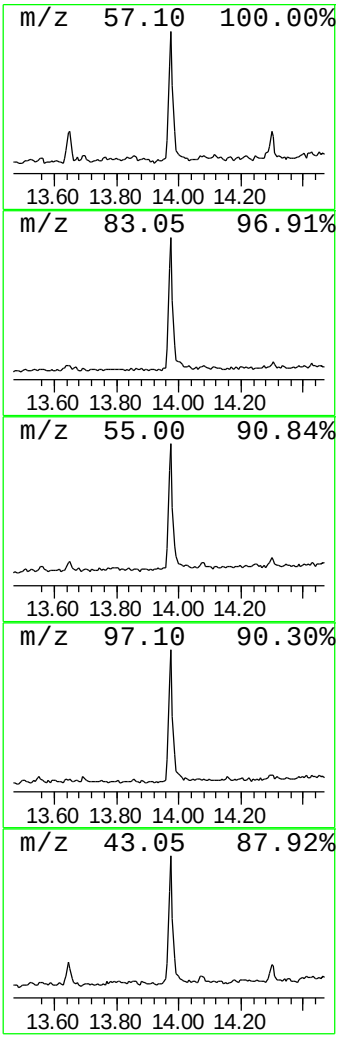
Peak Number 18 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.64 ng	379352	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
Data File : BF103936.D
Acq On : 26 Mar 2018 20:22
Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-032318-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	3.3	ng	134237	1	6.97	824908	20.0
2-Pentanone, 4-hy...	5.22	3.2	ng	130927	1	6.97	824908	20.0
unknown6.75	6.75	69.5	ng	2864790	1	6.97	824908	20.0
Tridecane	8.83	2.1	ng	122513	2	8.26	1153730	20.0
Tetradecane	9.93	4.3	ng	250761	3	10.02	1170160	20.0
Hexadecane	10.43	5.4	ng	317815	3	10.02	1170160	20.0
Pentadecane, 2,6,...	10.65	2.3	ng	131684	3	10.02	1170160	20.0
Heneicosane	10.90	5.8	ng	329777	4	11.51	1144950	20.0
Octadecane	11.35	3.3	ng	187022	4	11.51	1144950	20.0
Tetracosane	11.77	2.3	ng	132339	4	11.51	1144950	20.0
Hexadecanoic acid...	11.88	9.6	ng	549710	4	11.51	1144950	20.0
9,12-Octadecadien...	12.57	38.0	ng	2174380	4	11.51	1144950	20.0
16-Octadecenoic a...	12.59	27.1	ng	1549580	4	11.51	1144950	20.0
Methyl stearate	12.67	4.2	ng	241349	4	11.51	1144950	20.0
5-Eicosene, (E)-	13.97	7.6	ng	379352	5	14.16	992858	20.0