LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	5.469	572	575	595	rBV	288049	414998	6.84%	1.331%
2	6.487	745	748	759	rBV	325406	467318	7.70%	1.498%
3	6.610	766	769	776	rBV	484249	487346	8.03%	1.563%
4	6.834	804	807	814	rVB	797941	696678	11.48%	2.234%
5	6.992	829	834	840	rVB	407280	419279	6.91%	1.344%
6	7.216	869	872	877	rBV3	53756	74750	1.23%	0.240%
7	7.369	893	898	900	rBV2	47973	61121	1.01%	0.196%
8	7.398	900	903	906	rVV	267139	285411	4.70%	0.915%
9	7.428	906	908	912	rVV	297598	241853	3.98%	0.775%
10	7.481	912	917	920	rVB5	50569	76481	1.26%	0.245%
11	7.734	952	960	962	rBV4	58198	89591	1.48%	0.287%
12	7.798	968	971	974	rVB2	66936	71614	1.18%	0.230%
13	7.828	974	976	979	rBV2	66761	64301	1.06%	0.206%
14	7.863	979	982	987	rVB4	103710	126034	2.08%	0.404%
15	8.063	1011	1016	1018	rBV4	39773	67342	1.11%	0.216%
16	8.098	1018	1022	1023	rVV	457646	421963	6.95%	1.353%
17	8.116	1023	1025	1031	rVV	969061	959972	15.81%	3.078%
18	8.175	1031	1035	1038	rVB2	199001	200419	3.30%	0.643%
19	8.316	1056	1059	1062	rVB2	64961	67505	1.11%	0.216%
20	8.404	1070	1074	1079	rBV5	126207	172279	2.84%	0.552%
21	8.457	1081	1083	1086	rVB3	76214	69771	1.15%	0.224%
22	8.492	1086	1089	1093	rBV3	87338	103829	1.71%	0.333%
23	8.534	1093	1096	1098	rBV	232998	176486	2.91%	0.566%
24	8.622	1108	1111	1113	rBV	108887	95240	1.57%	0.305%
25	8.704	1122	1125	1129	rBV	546199	445708	7.34%	1.429%
26	8.798	1139	1141	1145	rVB3	83457	99528	1.64%	0.319%
27	8.939	1162	1165	1167	rBV2	95843	72122	1.19%	0.231%
28	8.986	1170	1173	1175	rVV3	73304	72922	1.20%	0.234%
29	9.022	1177	1179	1183	rVB4	67744	95146	1.57%	0.305%
30	9.069	1183	1187	1191	rBV2	101795	122226	2.01%	0.392%
31	9.110	1191	1194	1196	rBV2	81048	62214	1.02%	0.199%
32	9.133	1196	1198	1201	rVV	202796	170238	2.80%	0.546%
33	9.192	1204	1208	1212	rBV	550707	511787	8.43%	1.641%
34	9.269	1217	1221	1225	rBV	559934	493833	8.13%	1.583%

LSC Area Percent Report

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Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.345	1231	1234	1236	rVB	89117	84823	1.40%	0.272%
36	9.528	1258	1265	1266	rBV4	75932	117313	1.93%	0.376%
37	9.586	1271	1275	1278	rVV3	212593	274080	4.51%	0.879%
38	9.610	1278	1279	1283	rVV3	78658	73977	1.22%	0.237%
39	9.651	1283	1286	1288	rVB2	77204	67385	1.11%	0.216%
40	9.798	1308	1311	1315	rVB	438461	327893	5.40%	1.051%
41	9.875	1320	1324	1328	rVB	1058818	909632	14.98%	2.917%
42	10.033	1346	1351	1353	rBV3	53046	80199	1.32%	0.257%
43	10.122	1362	1366	1370	rBV5	94104	128098	2.11%	0.411%
44	10.192	1374	1378	1381	rBV5	43693	69683	1.15%	0.223%
45	10.298	1390	1396	1399	rBV	408348	374369	6.17%	1.200%
46	10.357	1403	1406	1411	rVB4	39474	63817	1.05%	0.205%
47	10.516	1428	1433	1436	rBV	124149	154846	2.55%	0.496%
48	10.669	1456	1459	1469	rBV	292043	347141	5.72%	1.113%
49	10.769	1473	1476	1485	rVB	369821	420876	6.93%	1.349%
50	11.216	1549	1552	1555	rBV	303247	251660	4.15%	0.807%
51	11.245	1555	1557	1563	rVB2	111910	129840	2.14%	0.416%
52	11.363	1573	1577	1580	rBV	906927	834342	13.74%	2.675%
53	11.386	1580	1581	1588	rVB3	95818	105342	1.74%	0.338%
54	11.645	1622	1625	1627	rBV	227659	195450	3.22%	0.627%
55	11.745	1638	1642	1645	rBV	2202796	1763123	29.04%	5.653%
56	11.880	1662	1665	1667	rBV3	107393	108708	1.79%	0.349%
57	12.051	1690	1694	1699	rVB	200668	181818	3.00%	0.583%
58	12.433	1754	1759	1761	rBV	4763002	5100100	84.01%	16.353%
59	12.457	1761	1763	1769	rVV	6035555	6070507	100.00%	19.464%
60	12.533	1773	1776	1781	rVB	914206	740692	12.20%	2.375%
61	12.592	1781	1786	1789	rBV2	191927	329740	5.43%	1.057%
62	12.769	1813	1816	1819	rBV	184431	172269	2.84%	0.552%
63	12.810	1820	1823	1829	rVB2	194994	222219	3.66%	0.713%
64	12.945	1842	1846	1849	rBV	466551	403581	6.65%	1.294%
65	13.092	1868	1871	1873	rBV	139980	120256	1.98%	0.386%
66	13.163	1881	1883	1885	rBV	119211	121869	2.01%	0.391%
67	13.257	1896	1899	1904	rVB2	141433	140249	2.31%	0.450%
68	13.510	1939	1942	1944	rBV	84615	80479	1.33%	0.258%
69	13.833	1995	1997	2001	rBV	96305	88785	1.46%	0.285%
70	13.927	2010	2013	2019	rBV	114888	148677	2.45%	0.477%
71	14.016	2024	2028	2031	rBV	786396	782515	12.89%	2.509%

LSC Area Percent Report

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Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.151	2048	2051	2054	rBV	117586	106346	1.75%	0.341%
73	14.457	2100	2103	2109	rVB	132184	134334	2.21%	0.431%
74	14.763	2152	2155	2158	rBV	117314	116519	1.92%	0.374%
75	14.880	2171	2175	2181	rVB	203408	278883	4.59%	0.894%
76	15.092	2209	2211	2216	rVB	156333	166614	2.74%	0.534%
77	15.498	2273	2280	2290	rVB2	415443	741244	12.21%	2.377%

Sum of corrected areas: 31187598

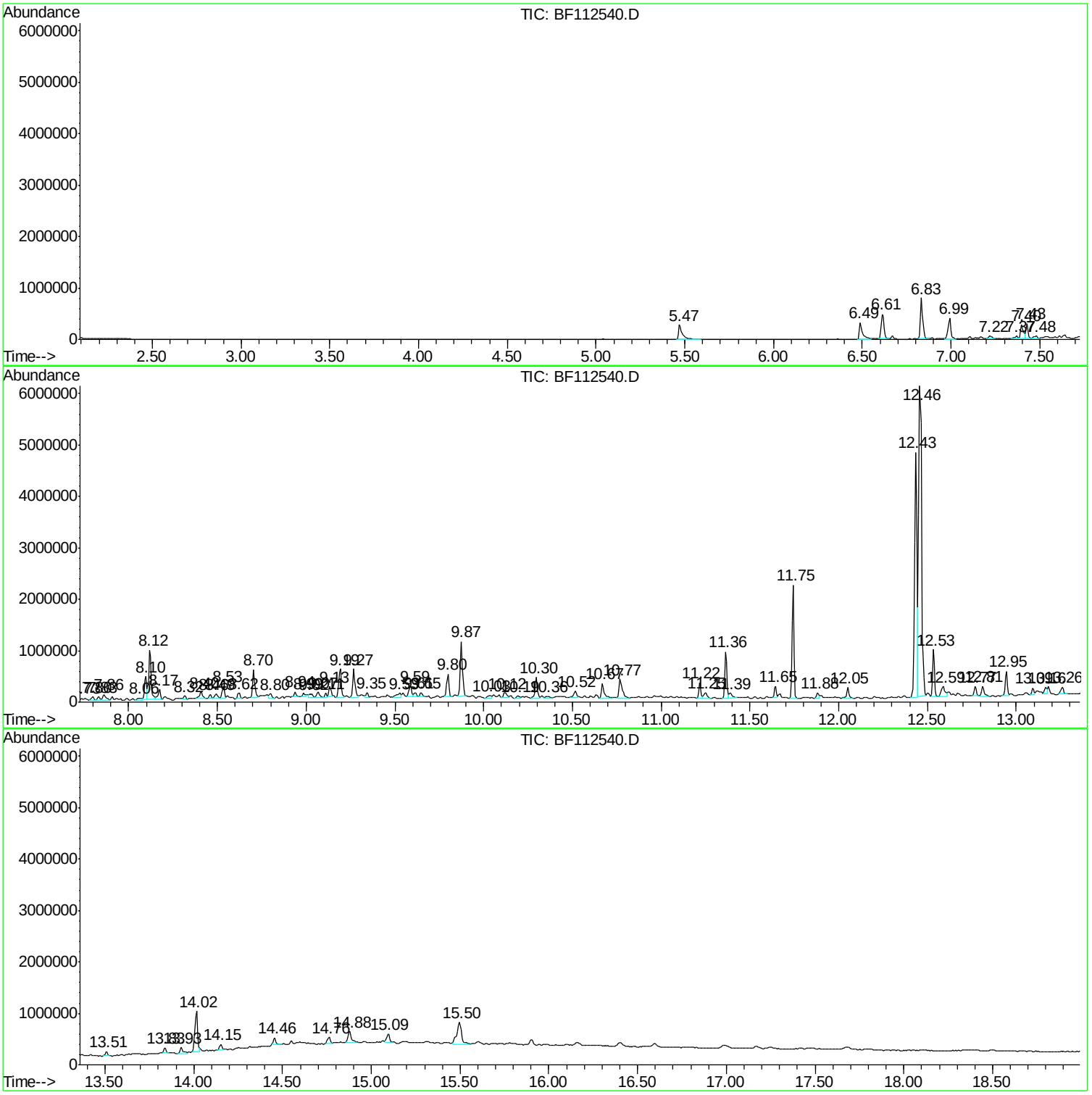
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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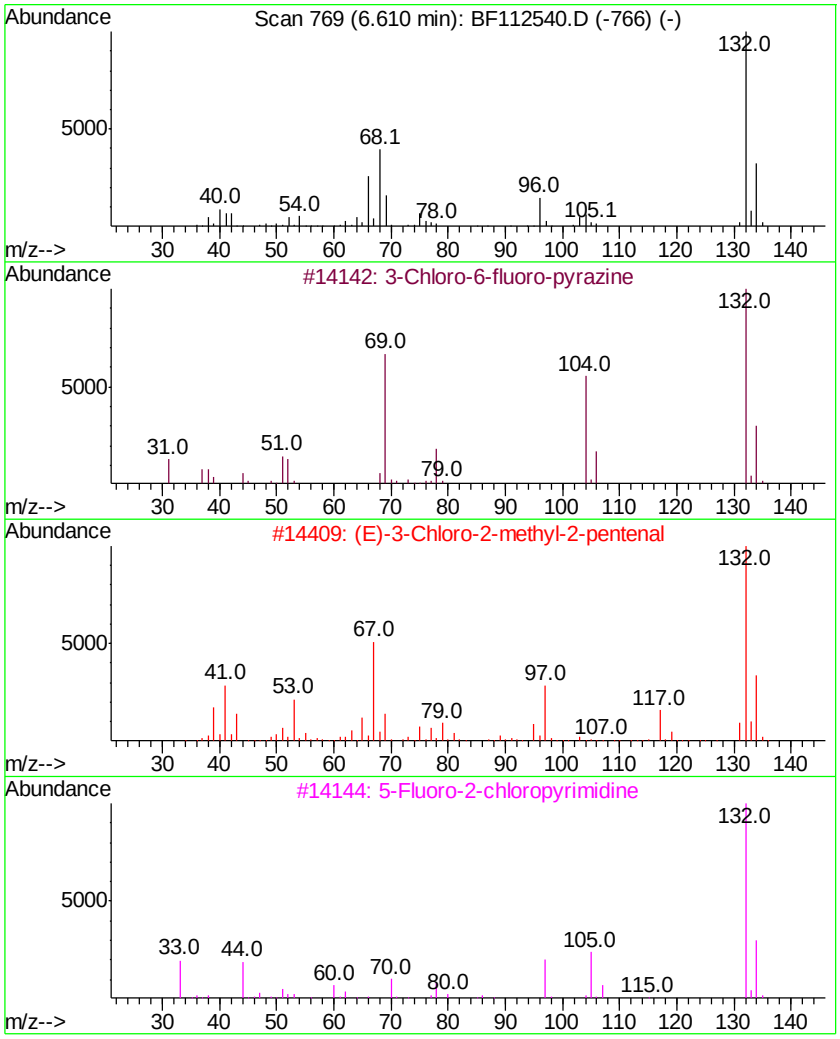
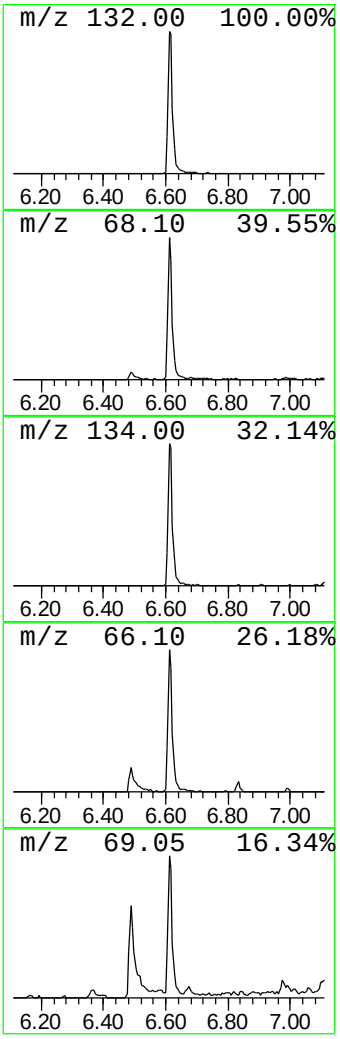
Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	13.99 ng	487346	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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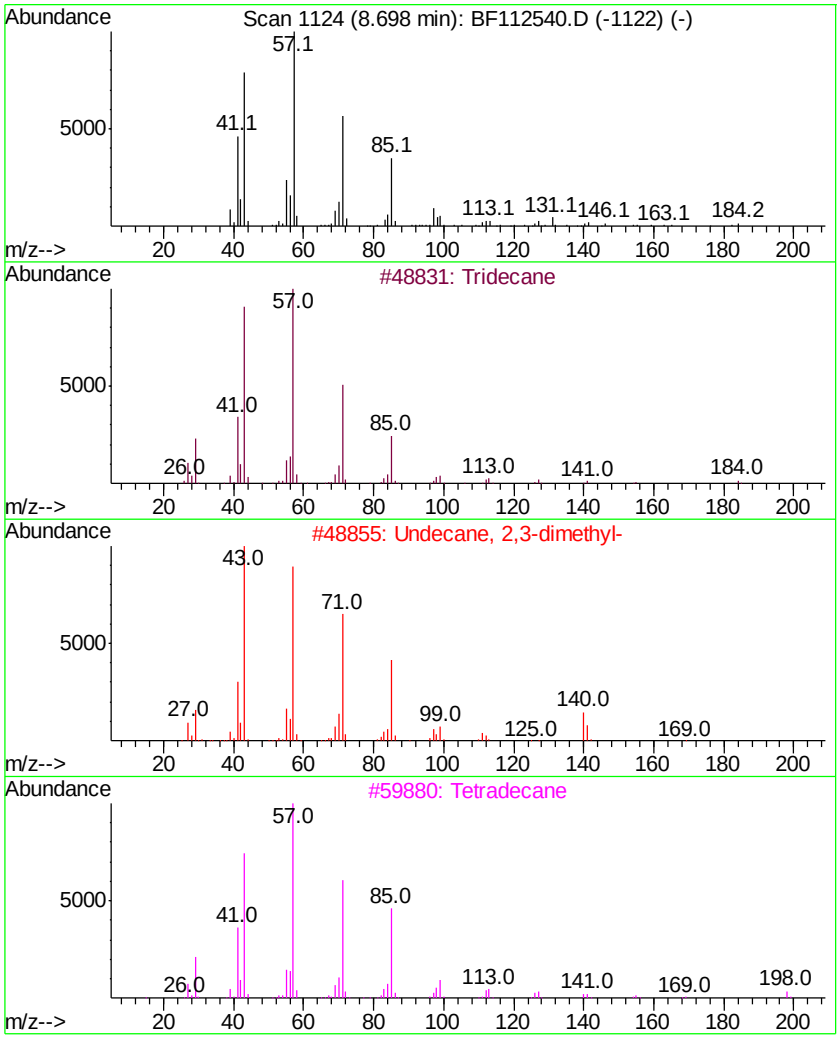
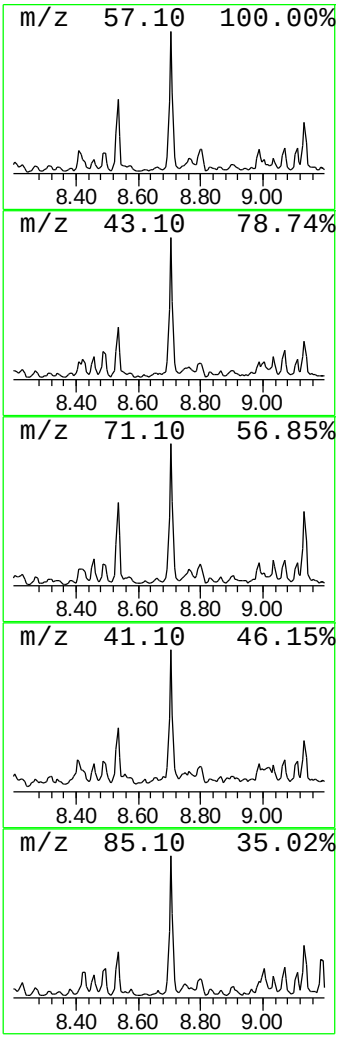
Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	9.29 ng	445708	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane	170	C12H26	000112-40-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
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Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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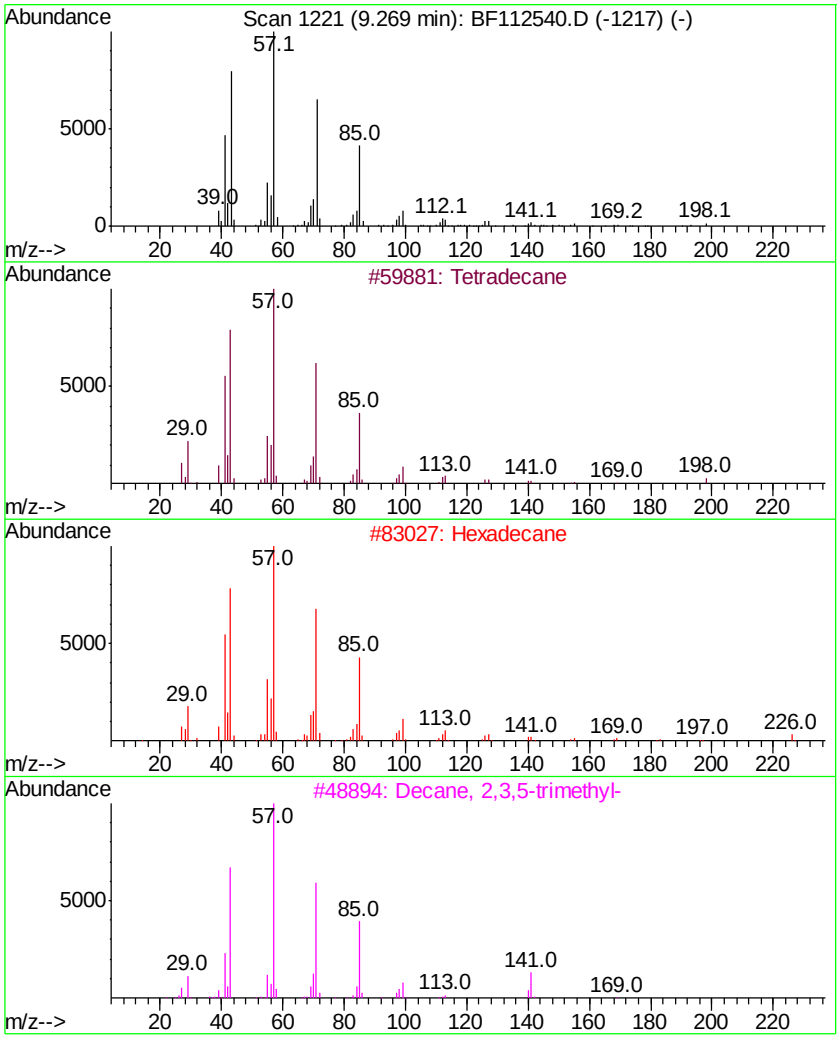
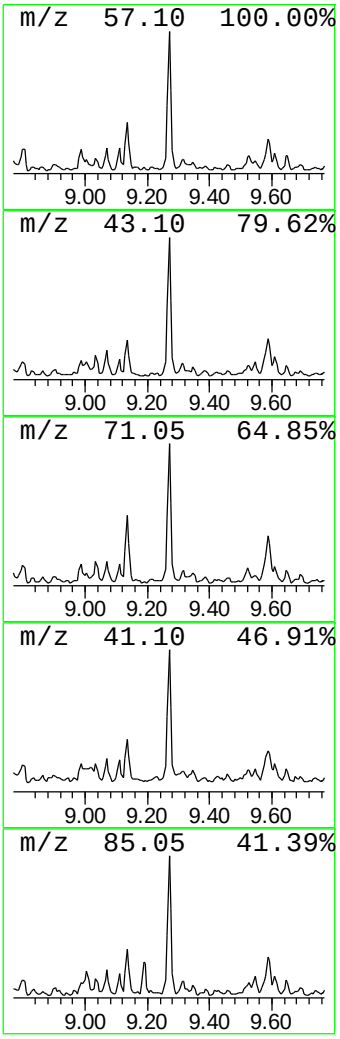
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	10.86 ng	493833	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
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Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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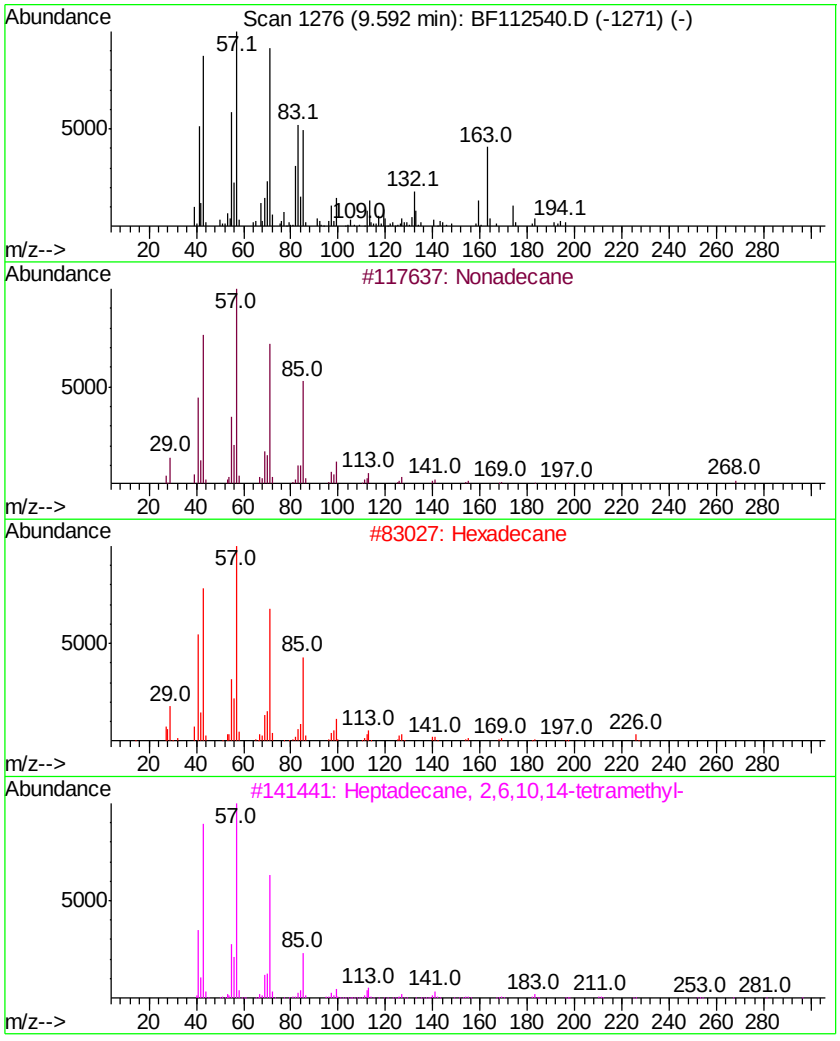
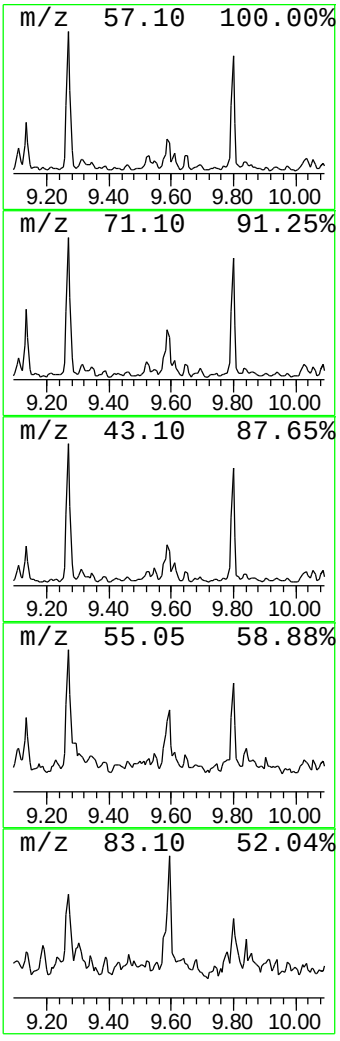
Peak Number 5 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	6.03 ng	274080	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	Hexadecane	226	C16H34	000544-76-3	52
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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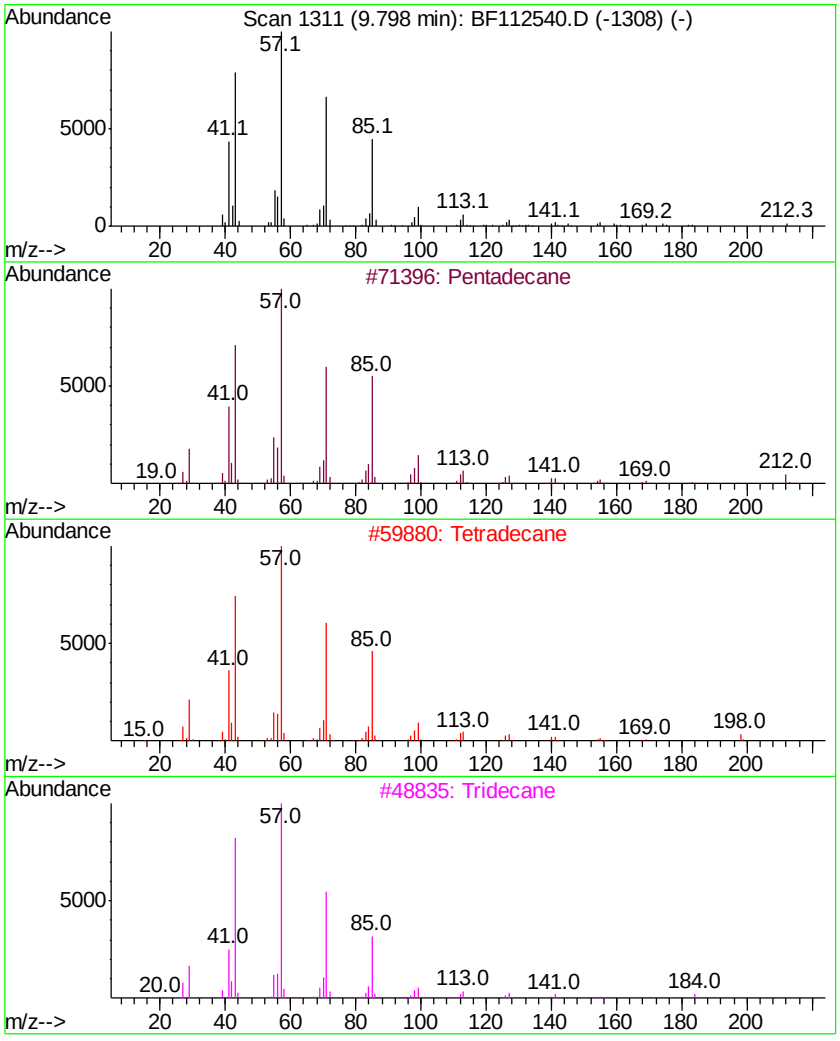
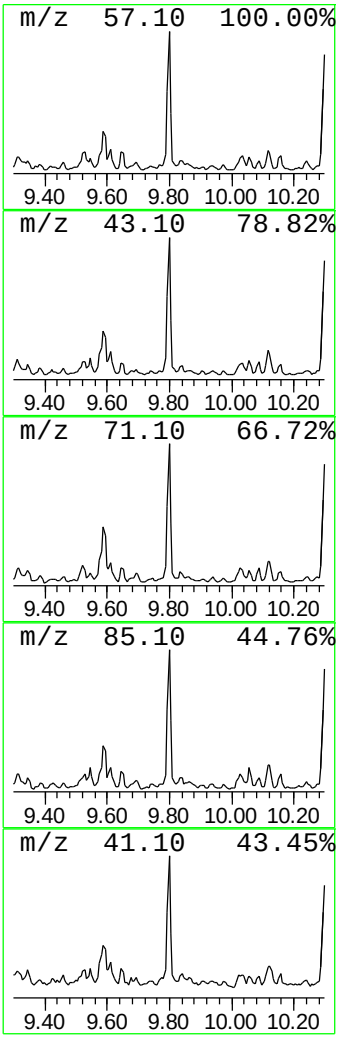
Peak Number 6 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	7.21 ng	327893	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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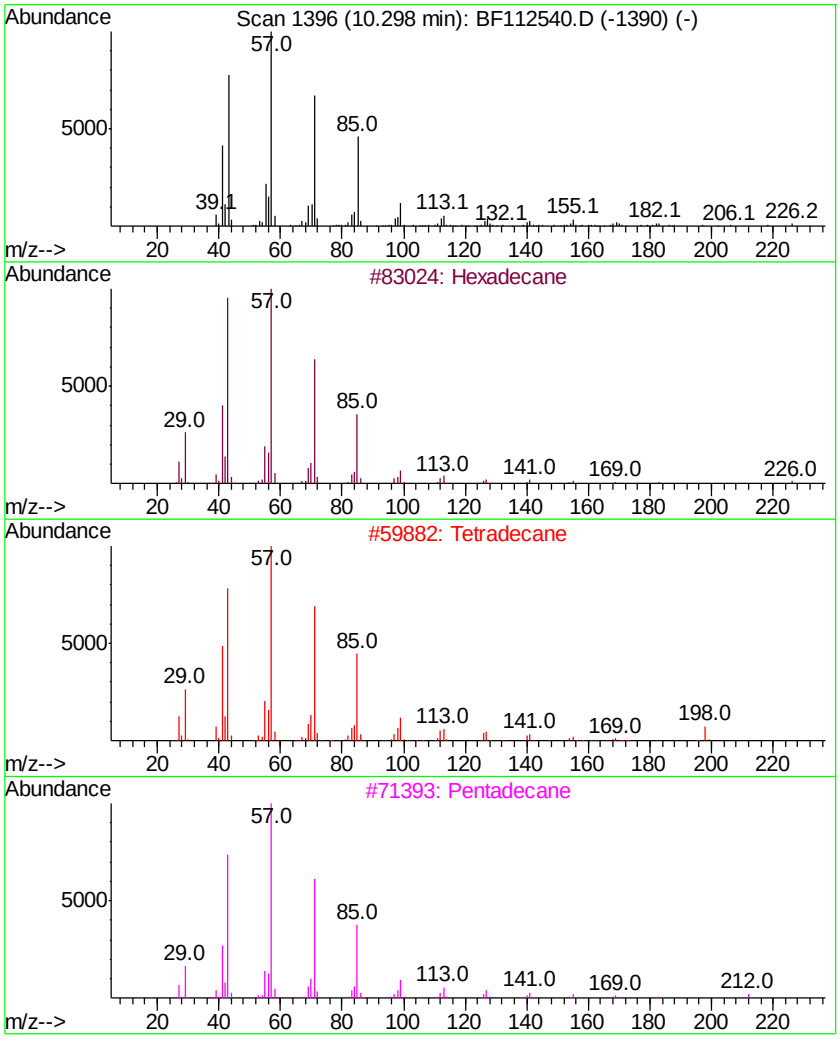
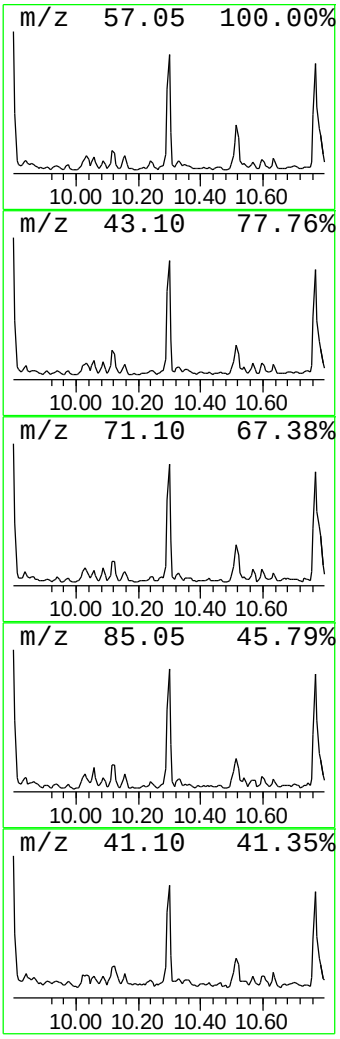
Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	8.23 ng	374369	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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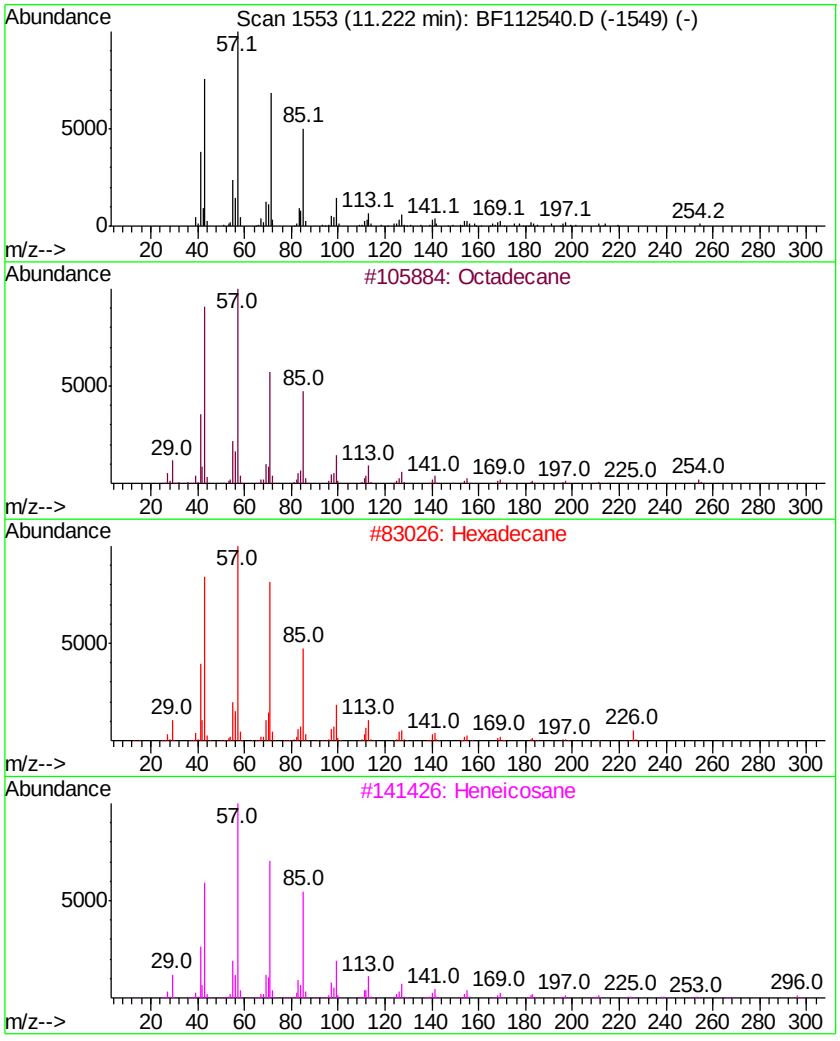
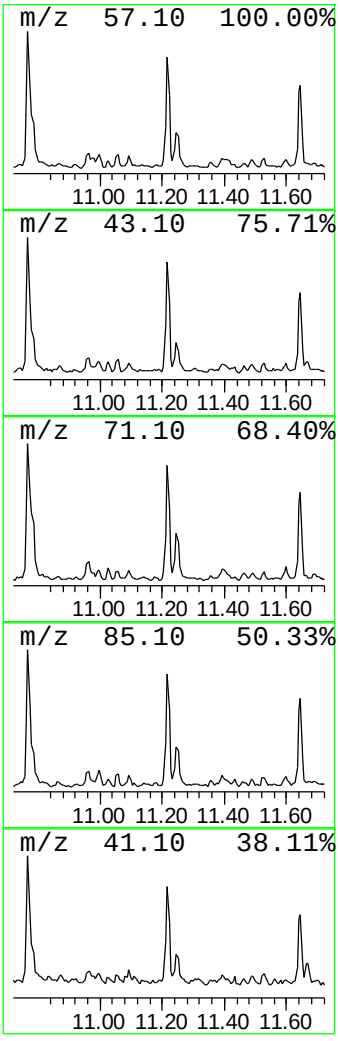
Peak Number 9 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	6.03 ng	251660	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	87





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Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

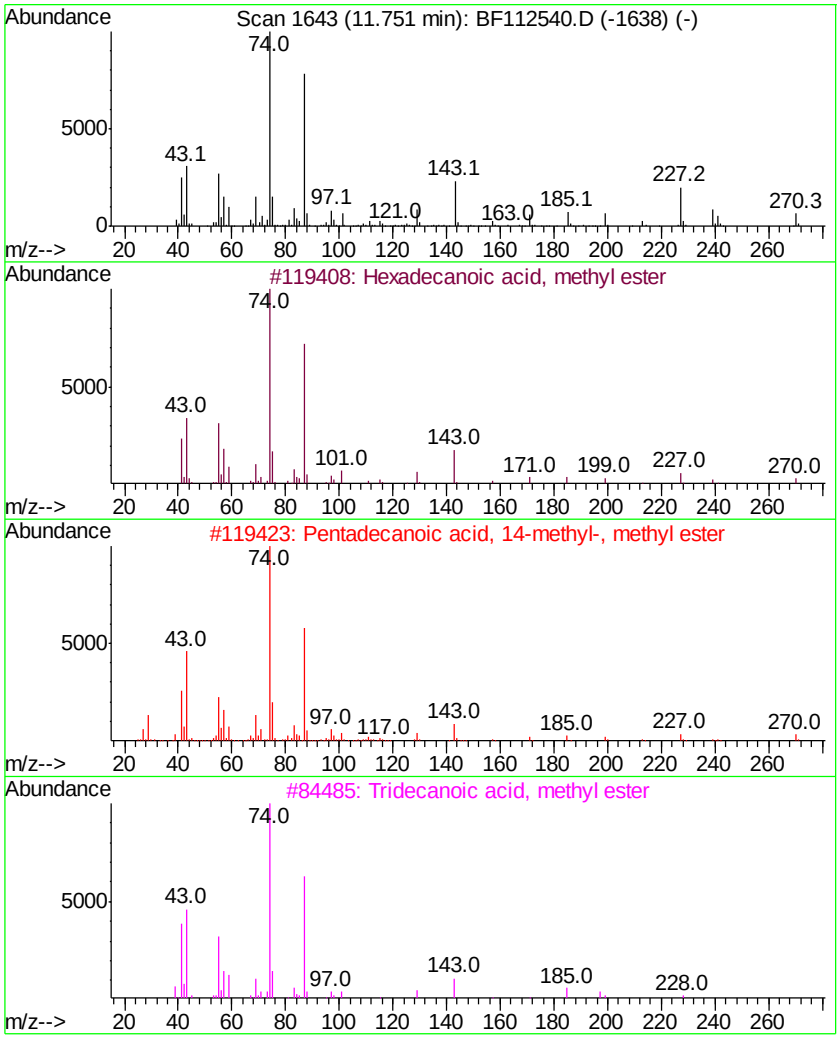
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

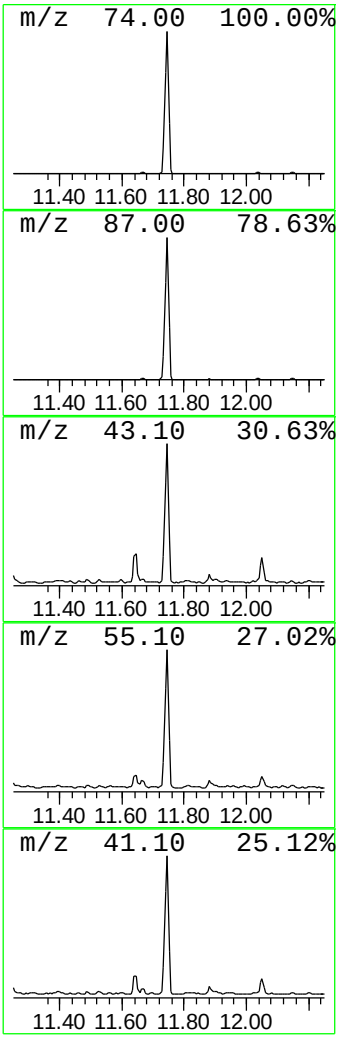
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	42.26 ng	1763120	Phenanthrene-d10	11.36

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	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





Library Search Compound Report

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Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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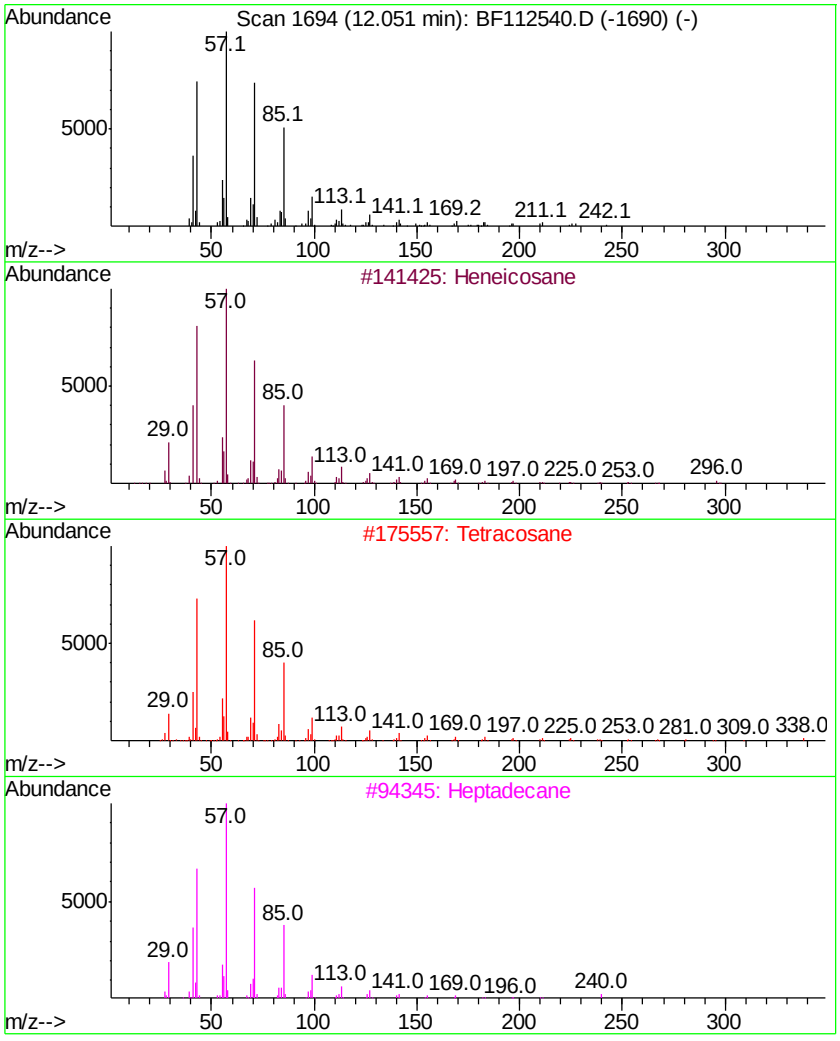
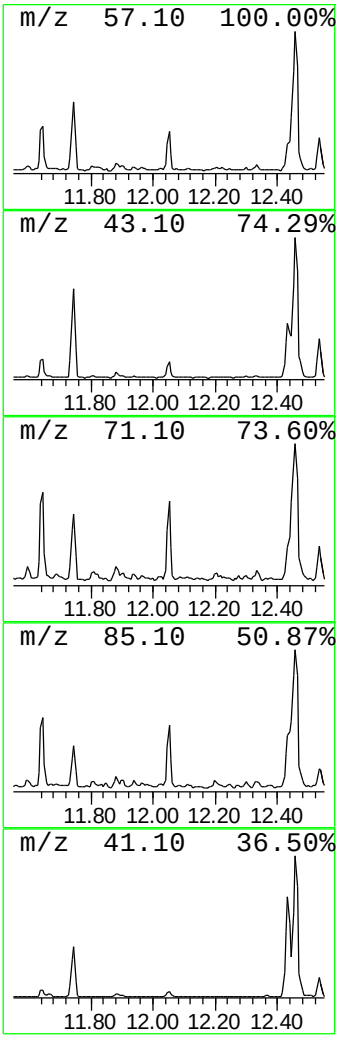
Peak Number 12 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.36 ng	181818	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
5	10-Methylnonadecane	282	C20H42	056862-62-5	87





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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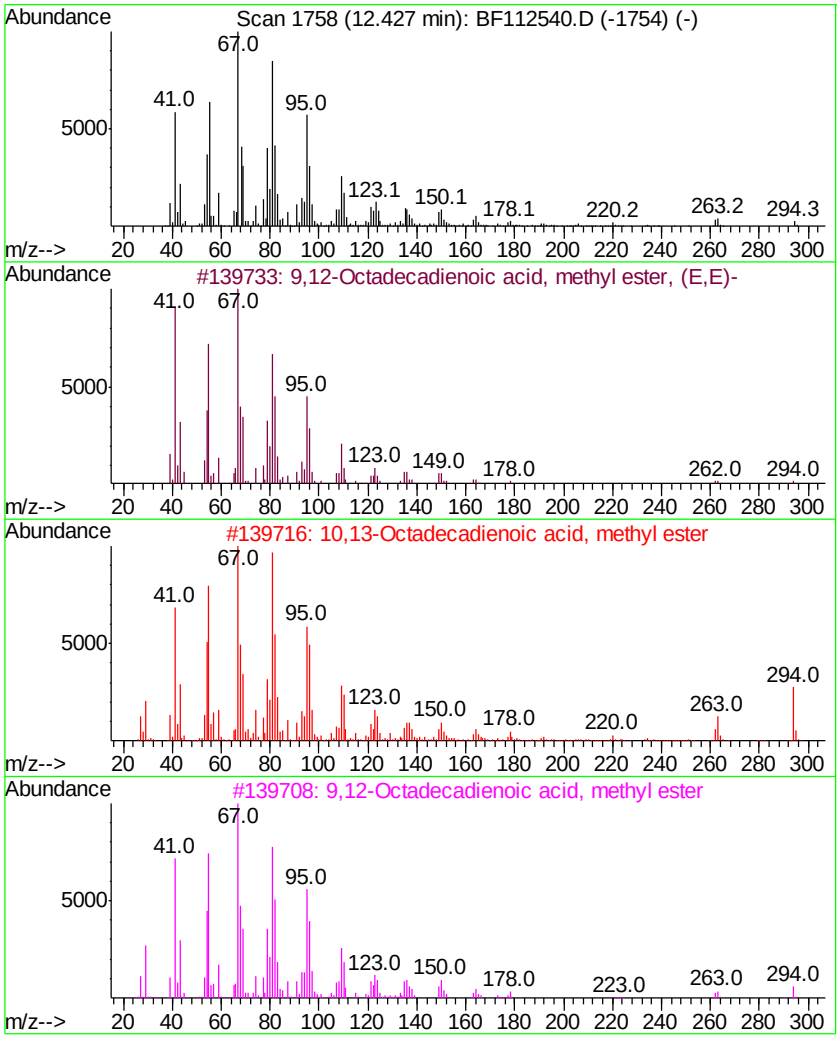
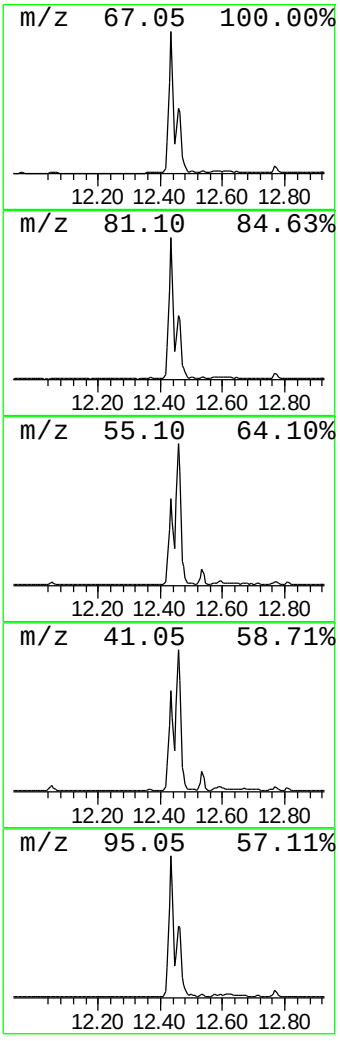
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	122.25 ng	5100100	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

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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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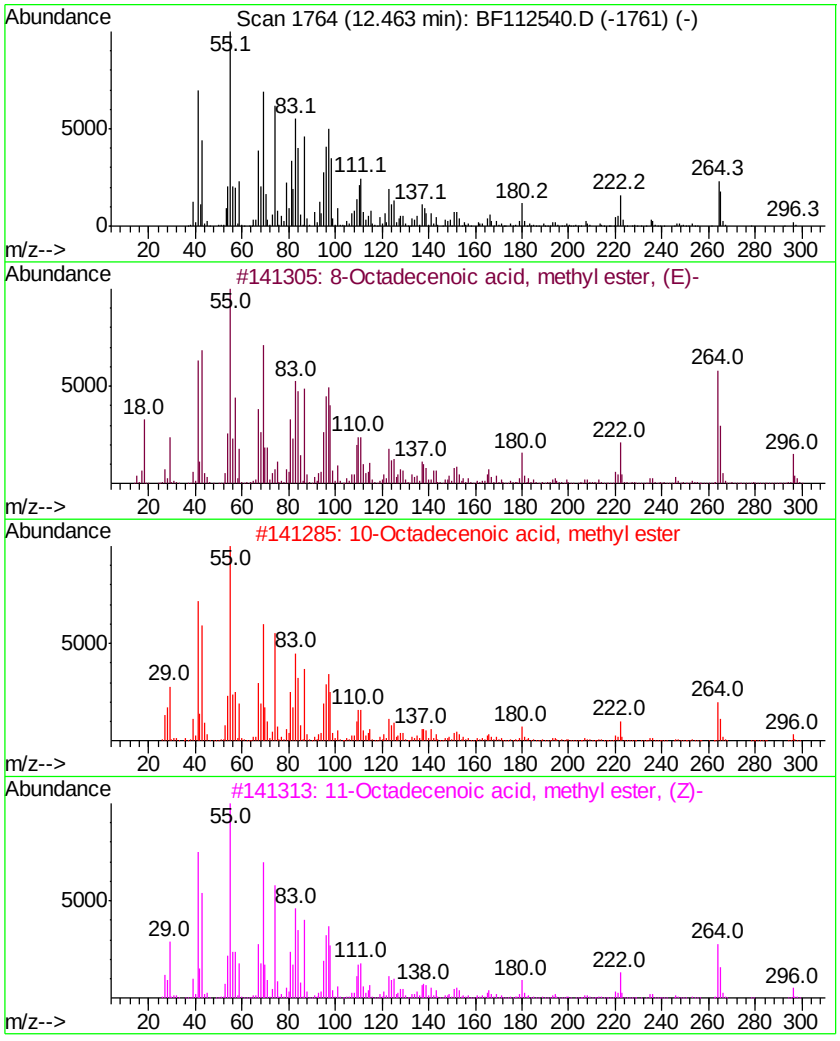
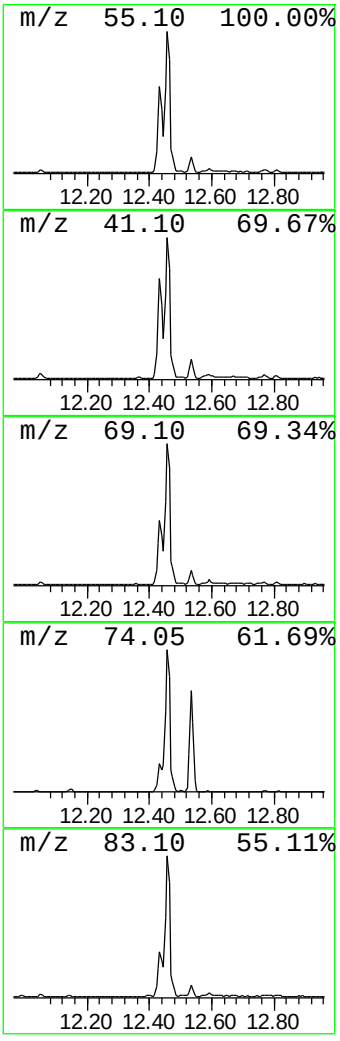
Peak Number 14 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	145.52 ng	6070510	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





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Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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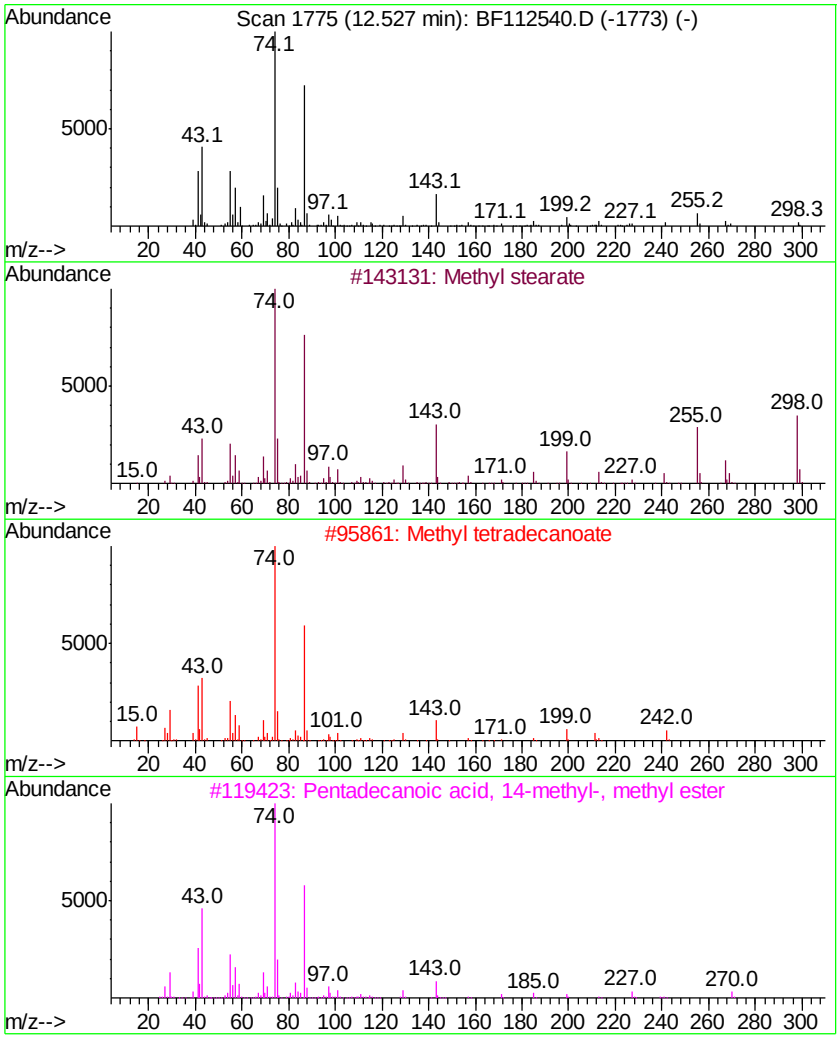
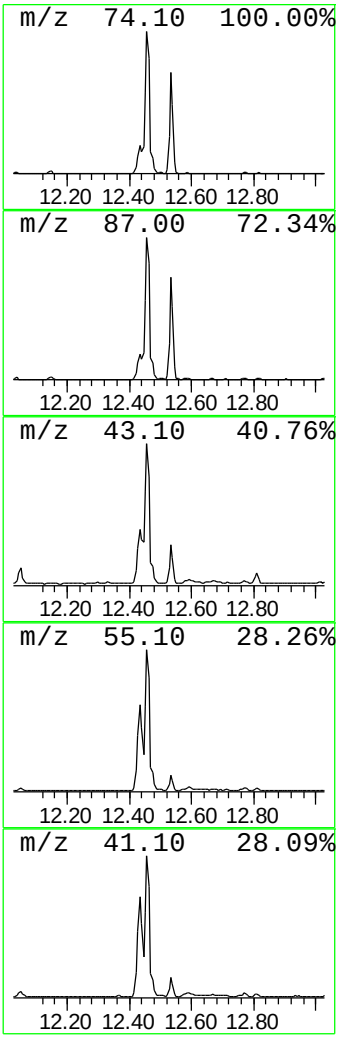
Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	17.76 ng	740692	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Data File : BF112540.D
Acq On : 13 Feb 2019 15:49
Operator : JU/SJ
Sample : K1343-17 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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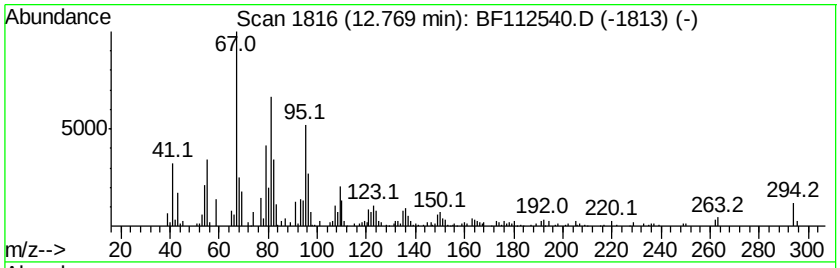
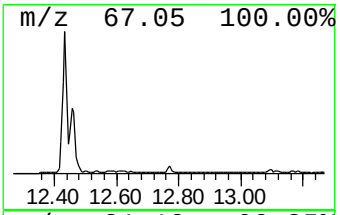
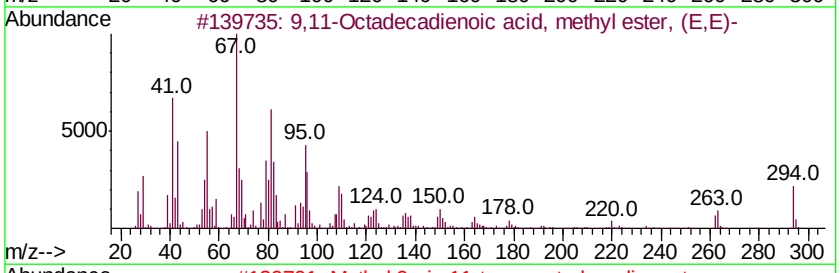
Peak Number 17 9,11-Octadecadienoic acid, ... Concentration Rank 19

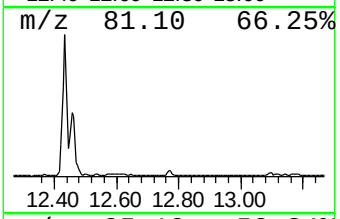
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.40 ng	172269	Chrysene-d12	14.02

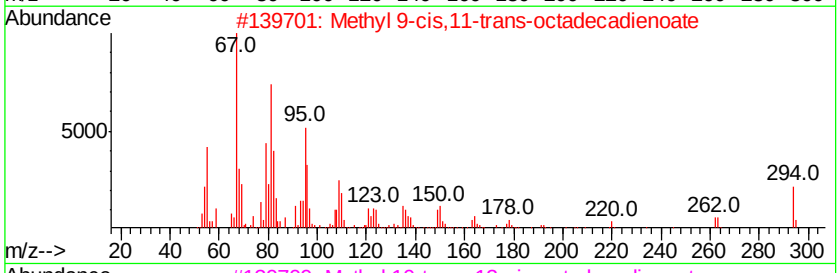
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	89

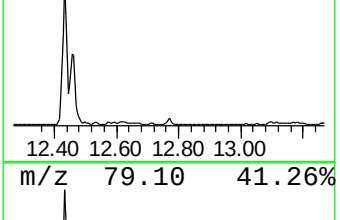


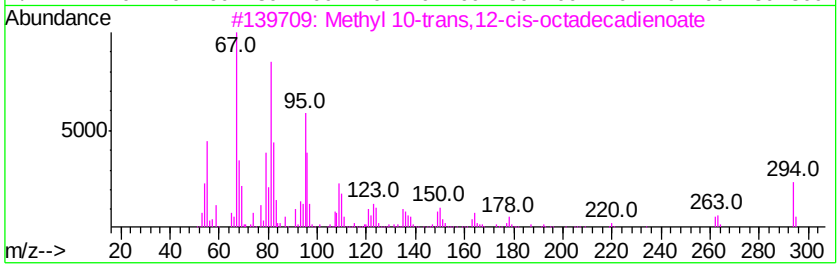


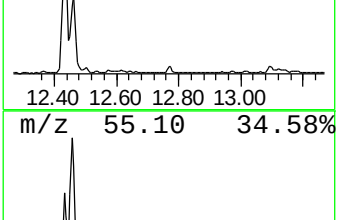


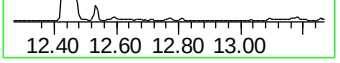












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Instrument : BNA_F
ClientSampleId : JC-02-021119-I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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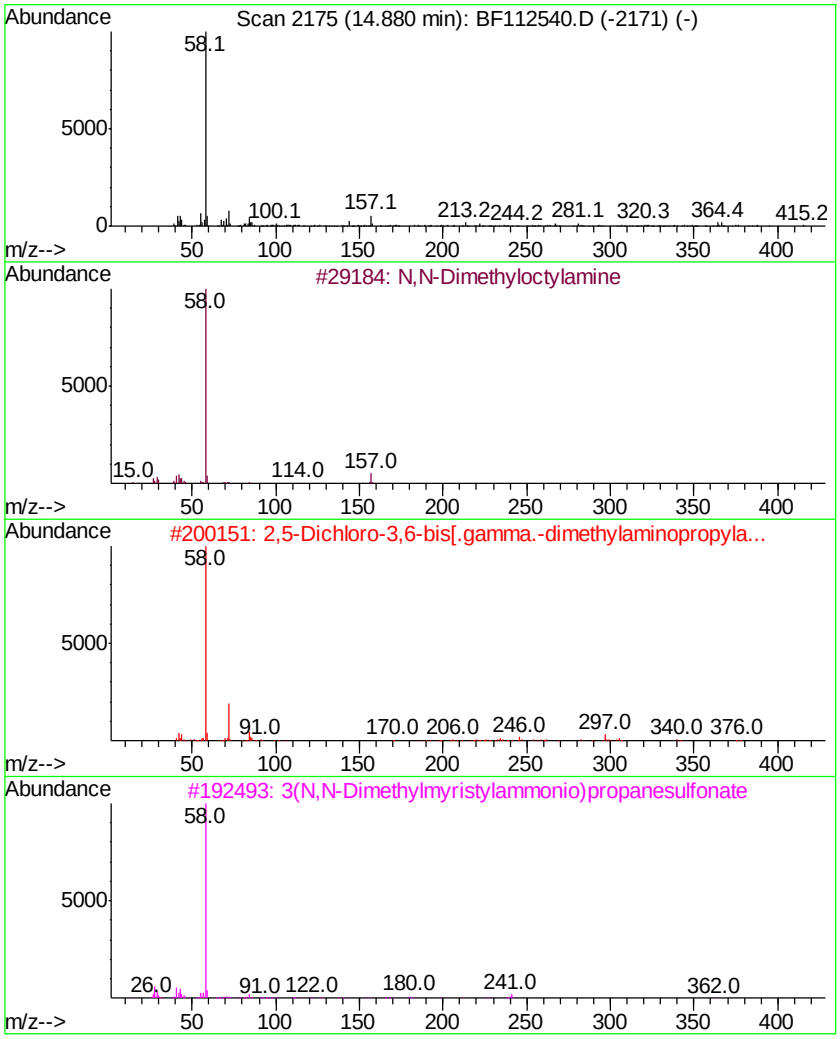
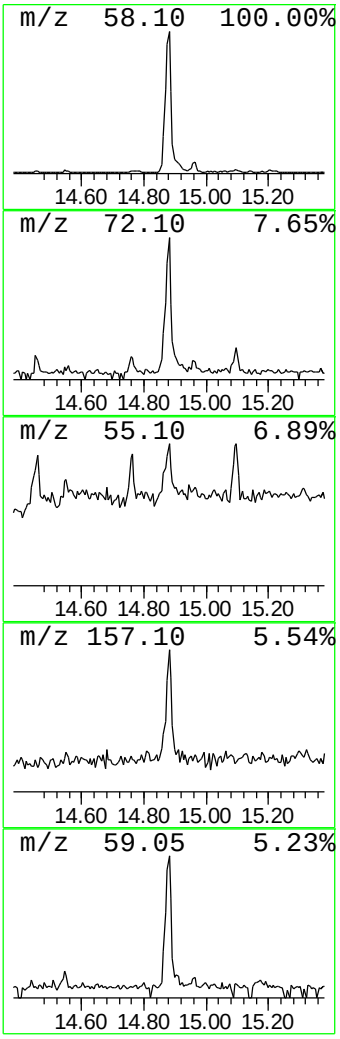
Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.52 ng	278883	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	2,5-Dichloro-3,6-bis[.gamma.-dim...	376	C16H26Cl2N4O2	1000255-81-0	72
3	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	64
4	Dimantine	297	C20H43N	000124-28-7	64
5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64





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TIC Integration Parameters: LSCINT.P

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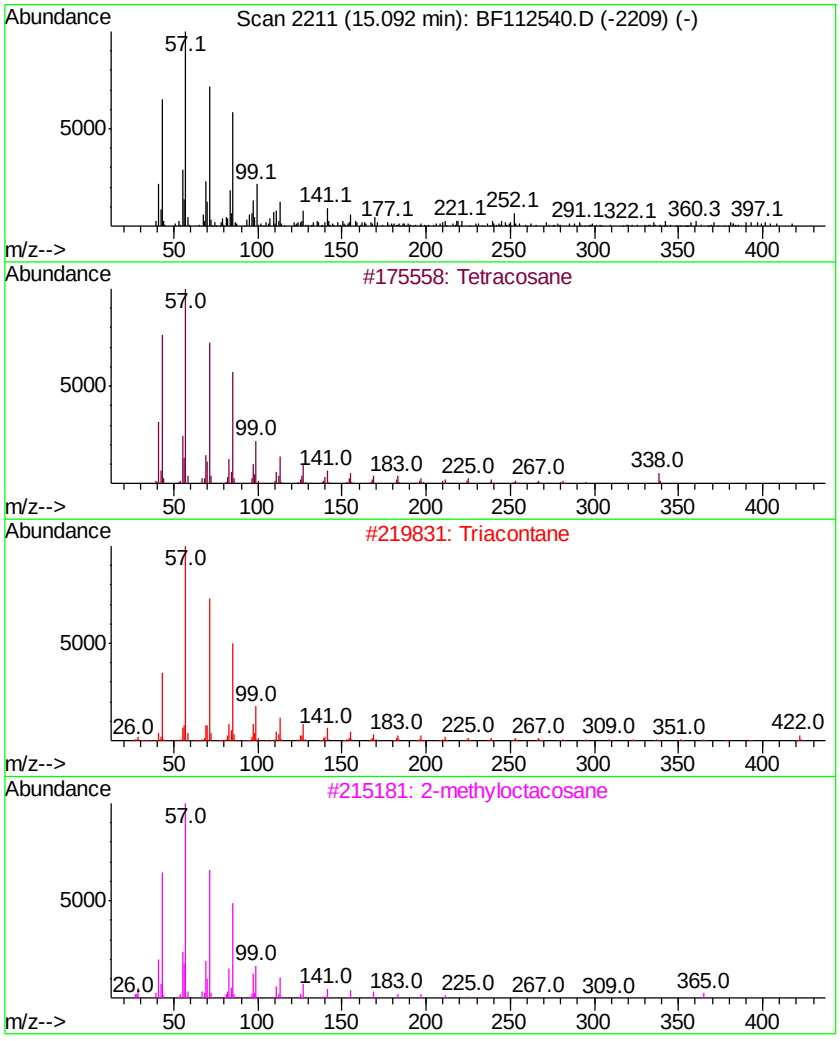
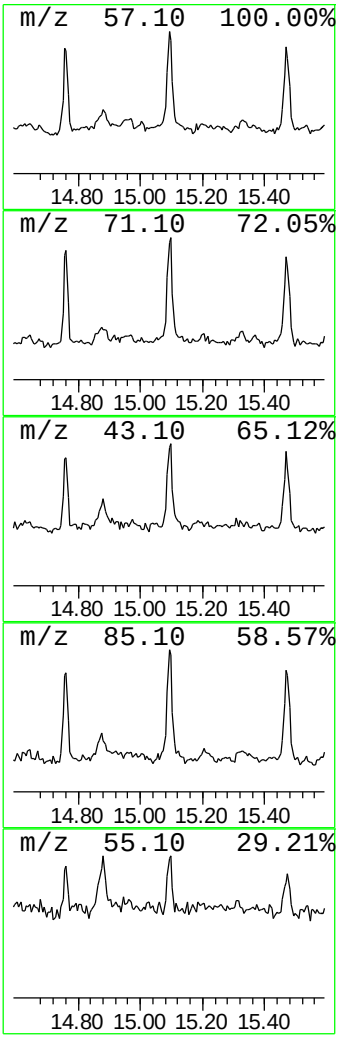
Peak Number 20 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.50 ng	166614	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Triacontane	422	C30H62	000638-68-6	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Pentacosane	352	C25H52	000629-99-2	83





Tentatively Identified Compound (LSC) summary

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Data File : BF112540.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.61	6.61	14.0	ng	487346	1	6.83	696678	20.0
Tridecane	8.70	9.3	ng	445708	2	8.12	959972	20.0
Tetradecane	9.27	10.9	ng	493833	3	9.87	909632	20.0
Nonadecane	9.59	6.0	ng	274080	3	9.87	909632	20.0
Pentadecane	9.80	7.2	ng	327893	3	9.87	909632	20.0
Hexadecane	10.30	8.2	ng	374369	3	9.87	909632	20.0
Octadecane	11.22	6.0	ng	251660	4	11.36	834342	20.0
Hexadecanoic acid...	11.75	42.3	ng	1763120	4	11.36	834342	20.0
Heneicosane	12.05	4.4	ng	181818	4	11.36	834342	20.0
9,12-Octadecadien...	12.43	122.3	ng	5100100	4	11.36	834342	20.0
8-Octadecenoic ac...	12.46	145.5	ng	6070510	4	11.36	834342	20.0
Methyl stearate	12.53	17.8	ng	740692	4	11.36	834342	20.0
9,11-Octadecadien...	12.77	4.4	ng	172269	5	14.02	782515	20.0
N,N-Dimethyloctyl...	14.88	7.5	ng	278883	6	15.50	741244	20.0
Tetracosane	15.09	4.5	ng	166614	6	15.50	741244	20.0