LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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	5.422	564	567	587	rBV	1353397	1678090	7.99%	1.582%
2	6.445	738	741	753	rBV	1502588	1777013	8.46%	1.675%
3	6.581	760	764	769	rVV	1646880	1641669	7.82%	1.548%
4	6.628	769	772	779	rVB	297693	294310	1.40%	0.277%
5	6.804	799	802	808	rBV	1143750	1095655	5.22%	1.033%
6	6.963	823	829	837	rBV	1399090	1421146	6.77%	1.340%
7	7.375	896	899	901	rVV	1083431	1096997	5.22%	1.034%
8	7.392	901	902	906	rVV	904008	552004	2.63%	0.520%
9	7.604	935	938	941	rVB2	244996	230601	1.10%	0.217%
10	7.698	947	954	956	rBV4	153381	268907	1.28%	0.254%
11	7.763	962	965	968	rVB3	243522	260376	1.24%	0.245%
12	7.828	973	976	978	rVV2	409632	388378	1.85%	0.366%
13	8.063	1012	1016	1018	rVV	1430393	1230120	5.86%	1.160%
14	8.092	1018	1021	1023	rVV	1514596	1382049	6.58%	1.303%
15	8.139	1026	1029	1032	rVB2	526148	489253	2.33%	0.461%
16	8.286	1051	1054	1056	rVB3	241384	227059	1.08%	0.214%
17	8.375	1065	1069	1073	rBV4	422891	516738	2.46%	0.487%
18	8.422	1075	1077	1081	rVV3	169084	231672	1.10%	0.218%
19	8.457	1081	1083	1087	rVV3	265468	297303	1.42%	0.280%
20	8.498	1087	1090	1092	rVB2	560486	449727	2.14%	0.424%
21	8.592	1102	1106	1108	rBV	488917	448444	2.14%	0.423%
22	8.669	1117	1119	1123	rVB	1568772	1341747	6.39%	1.265%
23	8.745	1131	1132	1139	rVB5	242943	419917	2.00%	0.396%
24	8.910	1157	1160	1165	rBV3	484773	516792	2.46%	0.487%
25	8.951	1165	1167	1169	rBV2	277045	234152	1.11%	0.221%
26	9.033	1178	1181	1186	rBV4	437859	466802	2.22%	0.440%
27	9.098	1190	1192	1195	rVV	570216	424998	2.02%	0.401%
28	9.163	1200	1203	1207	rVB	2059247	1672419	7.96%	1.577%
29	9.239	1212	1216	1219	rBV	1778473	1705993	8.12%	1.609%
30	9.275	1219	1222	1226	rVV3	202716	310602	1.48%	0.293%
31	9.310	1226	1228	1231	rVB	346839	304406	1.45%	0.287%
32	9.428	1245	1248	1253	rVB5	206781	256930	1.22%	0.242%
33	9.492	1253	1259	1261	rBV3	277177	553596	2.64%	0.522%
34	9.557	1265	1270	1272	rBV4	593764	772288	3.68%	0.728%

LSC Area Percent Report

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Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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

35	9.616	1277	1280	1283	rVB2	308571	281952	1.34%	0.266%
36	9.710	1289	1296	1298	rBV4	238869	351131	1.67%	0.331%
37	9.769	1303	1306	1309	rVV	1730155	1585753	7.55%	1.495%
38	9.845	1316	1319	1322	rVV2	1332652	1220997	5.81%	1.151%
39	9.998	1341	1345	1347	rBV2	230505	318154	1.51%	0.300%
40	10.051	1351	1354	1357	rVB2	321761	267887	1.28%	0.253%
41	10.086	1357	1360	1364	rBV2	444596	508683	2.42%	0.480%
42	10.122	1364	1366	1369	rVB	289142	223781	1.07%	0.211%
43	10.163	1369	1373	1376	rBV4	169556	302587	1.44%	0.285%
44	10.263	1385	1390	1393	rBV	1838268	1678265	7.99%	1.582%
45	10.322	1398	1400	1405	rVB5	163946	214367	1.02%	0.202%
46	10.398	1410	1413	1422	rVB	302420	445838	2.12%	0.420%
47	10.480	1422	1427	1430	rBV	627561	840858	4.00%	0.793%
48	10.557	1438	1440	1446	rVB2	298929	373446	1.78%	0.352%
49	10.639	1451	1454	1458	rBV	777440	778869	3.71%	0.734%
50	10.739	1468	1471	1480	rVB	1688171	1948608	9.28%	1.837%
51	10.927	1500	1503	1505	rBV	214366	221911	1.06%	0.209%
52	11.186	1544	1547	1549	rBV	1452681	1145335	5.45%	1.080%
53	11.216	1549	1552	1554	rVV	377697	337387	1.61%	0.318%
54	11.339	1569	1573	1575	rBV	1231615	1175124	5.59%	1.108%
55	11.363	1575	1577	1582	rVV	1727328	1424113	6.78%	1.343%
56	11.416	1583	1586	1591	rVV	428055	453305	2.16%	0.427%
57	11.574	1608	1613	1616	rBV2	197966	296011	1.41%	0.279%
58	11.610	1616	1619	1622	rBV	986733	913772	4.35%	0.862%
59	11.733	1633	1640	1642	rBV	5965938	8732524	41.57%	8.234%
60	11.869	1660	1663	1667	rVB	607937	554482	2.64%	0.523%
61	11.957	1675	1678	1680	rBV2	294707	302671	1.44%	0.285%
62	12.016	1685	1688	1696	rVB2	833358	1043303	4.97%	0.984%
63	12.121	1703	1706	1711	rBV2	250837	316733	1.51%	0.299%
64	12.345	1741	1744	1749	rBV2	286294	345336	1.64%	0.326%
65	12.445	1749	1761	1763	rBV6	5988535	21004400	100.00%	19.804%
66	12.492	1768	1769	1771	rVV	712010	526516	2.51%	0.496%
67	12.521	1771	1774	1777	rVV	4783321	4658157	22.18%	4.392%
68	12.563	1777	1781	1784	rVV	2503175	3594541	17.11%	3.389%
69	12.592	1784	1786	1790	rVV2	1779674	2372879	11.30%	2.237%
70	12.651	1794	1796	1800	rVV2	408185	570841	2.72%	0.538%
71	12.692	1801	1803	1806	rVV3	247835	311834	1.48%	0.294%

LSC Area Percent Report

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Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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

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

72	12.751	1810	1813	1816	rVV	1594061	1464216	6.97%	1.381%
73	12.798	1816	1821	1827	rVB2	1292282	2186335	10.41%	2.061%
74	12.927	1839	1843	1845	rBV	1225037	1075944	5.12%	1.014%
75	13.069	1864	1867	1870	rBV	1568603	1657252	7.89%	1.563%
76	13.092	1870	1871	1873	rVV2	627507	574058	2.73%	0.541%
77	13.139	1877	1879	1881	rVV2	822143	919992	4.38%	0.867%
78	13.157	1881	1882	1885	rVV	933924	641392	3.05%	0.605%
79	13.233	1891	1895	1901	rBV2	1046914	1087045	5.18%	1.025%
80	13.386	1919	1921	1933	rVB6	228009	489224	2.33%	0.461%
81	13.480	1934	1937	1941	rBV	234268	236008	1.12%	0.223%
82	13.804	1988	1992	1997	rBV3	236667	337288	1.61%	0.318%
83	13.904	2005	2009	2014	rBV2	588082	628384	2.99%	0.592%
84	13.992	2019	2024	2026	rVV2	1165648	1721630	8.20%	1.623%
85	14.015	2026	2028	2035	rVB	781001	707605	3.37%	0.667%
86	14.292	2072	2075	2080	rBV	224858	228056	1.09%	0.215%
87	14.421	2093	2097	2104	rBV4	484503	911014	4.34%	0.859%
88	14.521	2112	2114	2118	rVB2	305508	256414	1.22%	0.242%
89	14.851	2166	2170	2181	rVB	1271560	2095039	9.97%	1.975%
90	15.033	2197	2201	2204	rBV	546482	794266	3.78%	0.749%
91	15.339	2250	2253	2257	rVB	317203	357725	1.70%	0.337%
92	15.404	2260	2264	2267	rBV	434319	540055	2.57%	0.509%
93	15.462	2271	2274	2277	rVB	495356	550559	2.62%	0.519%

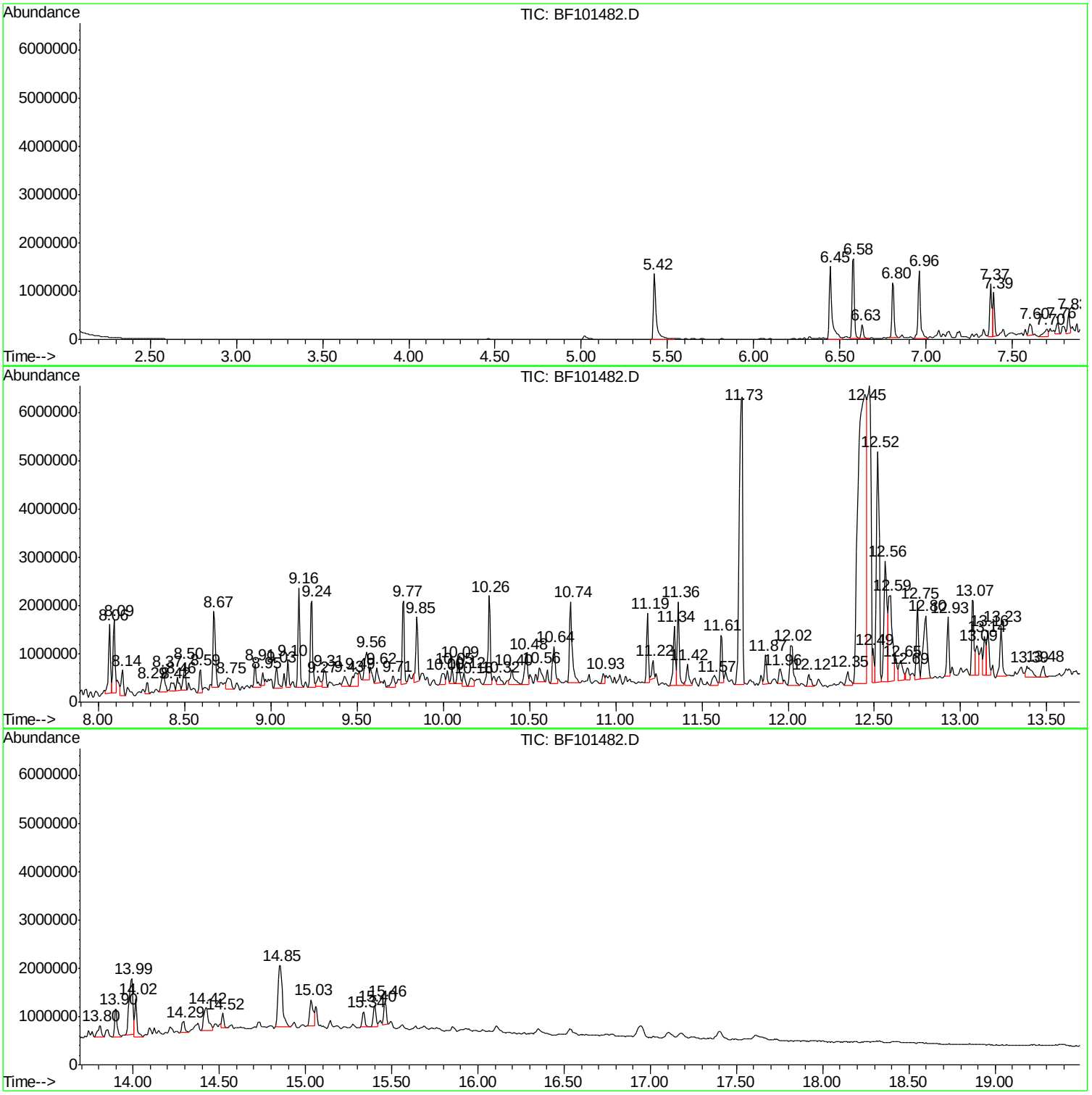
Sum of corrected areas: 106060005

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-121517

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\BF121817\
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Operator : SJ/JU
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Instrument : BNA_F
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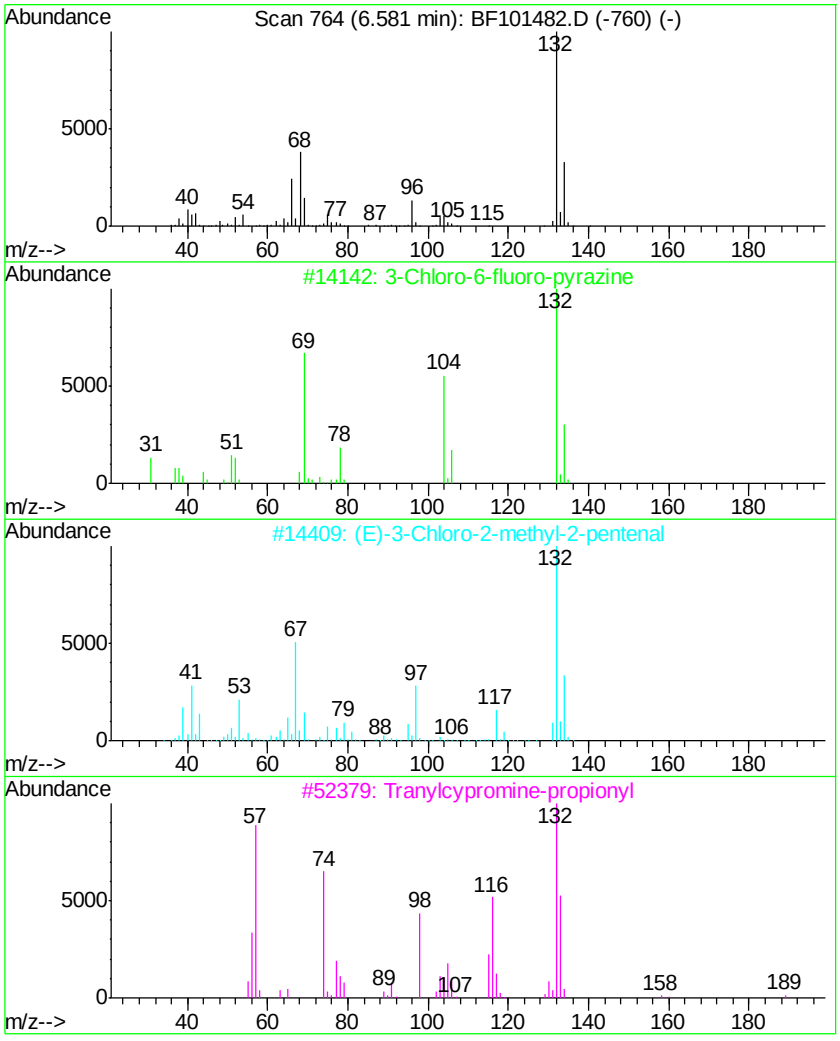
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

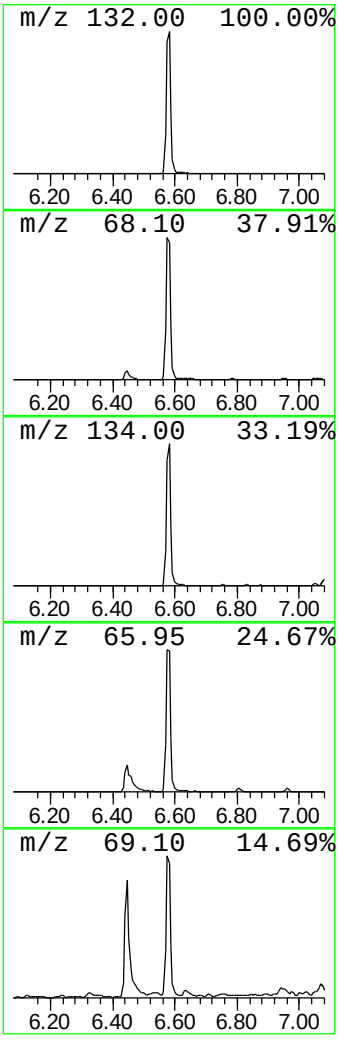
****

Peak Number 1 unknown6.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	29.97 ng	1641670	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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

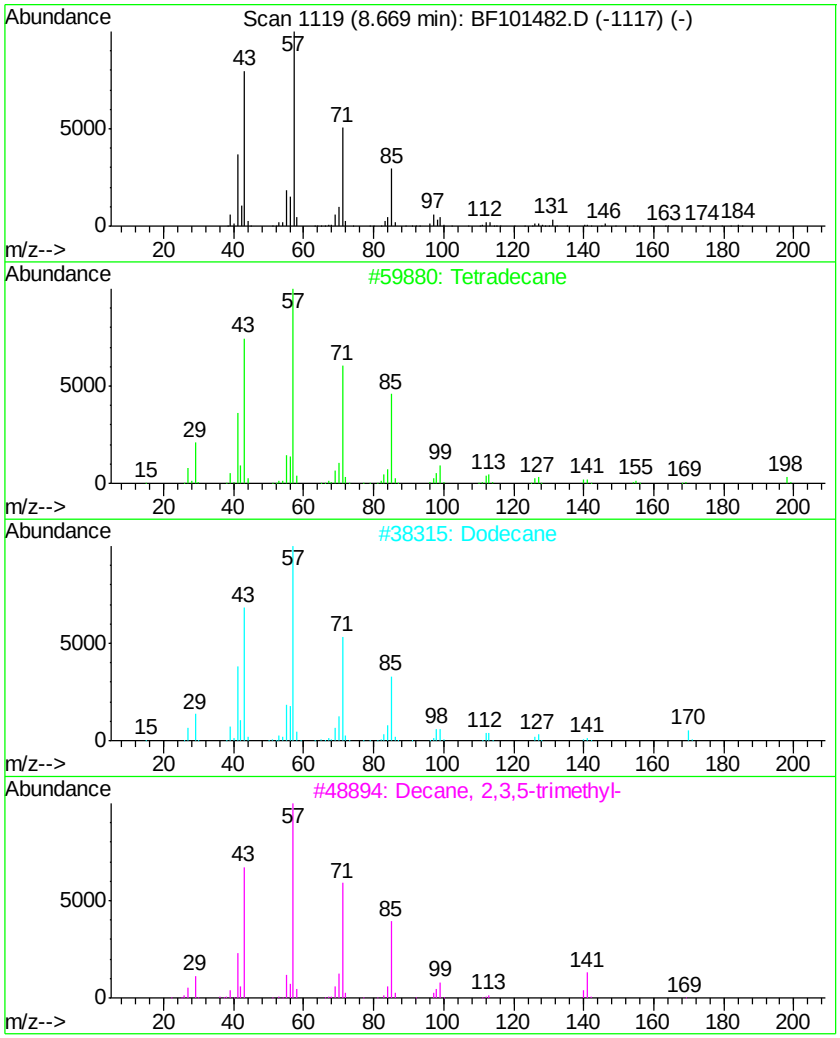
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

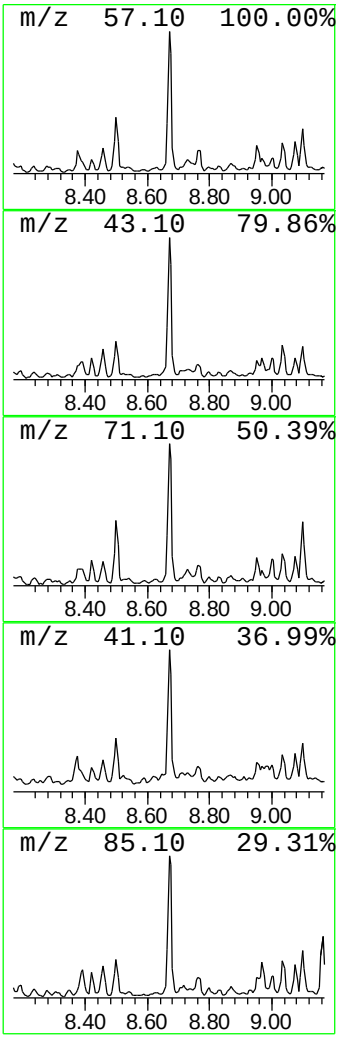
****

Peak Number 3 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	19.42 ng	1341750	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Dodecane	170	C12H26	000112-40-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	81





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Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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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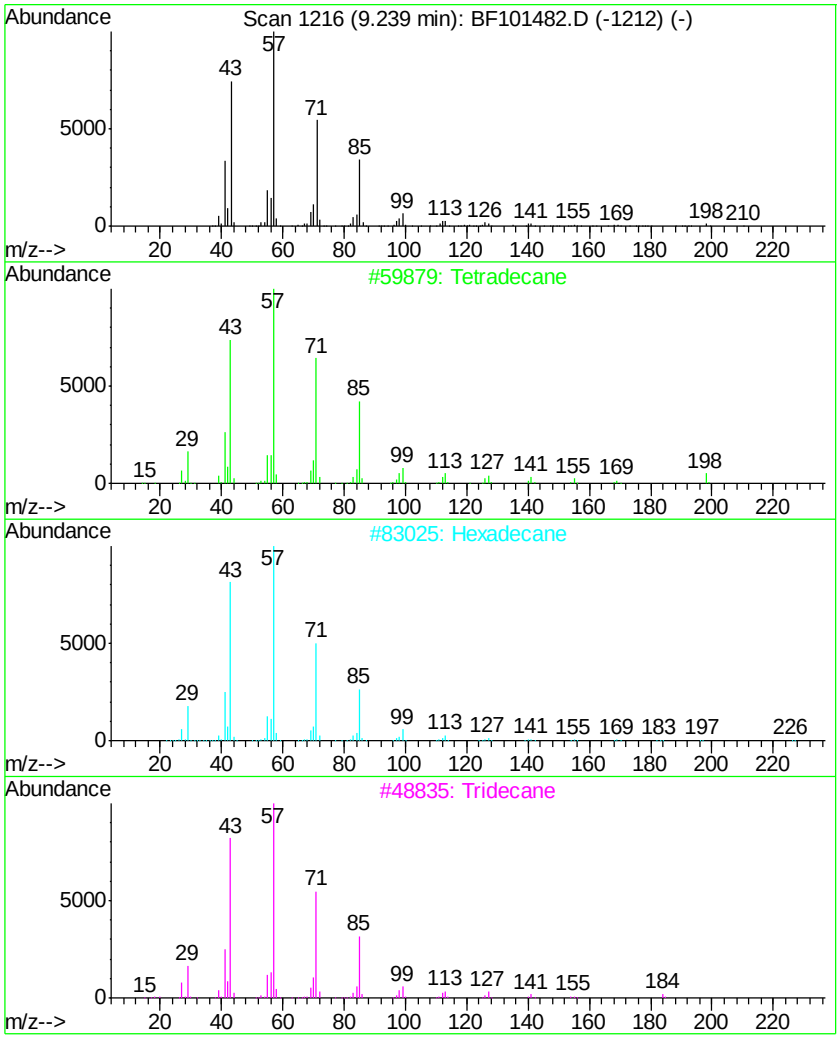
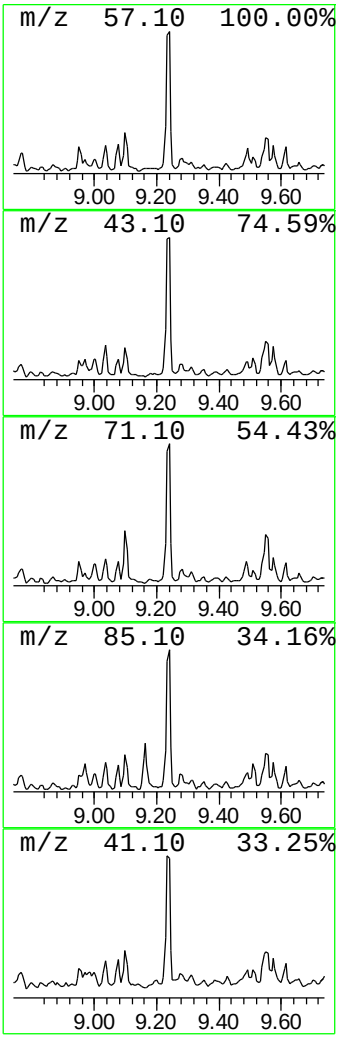
Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	27.94 ng	1705990	Acenaphthene-d10	9.85

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	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
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Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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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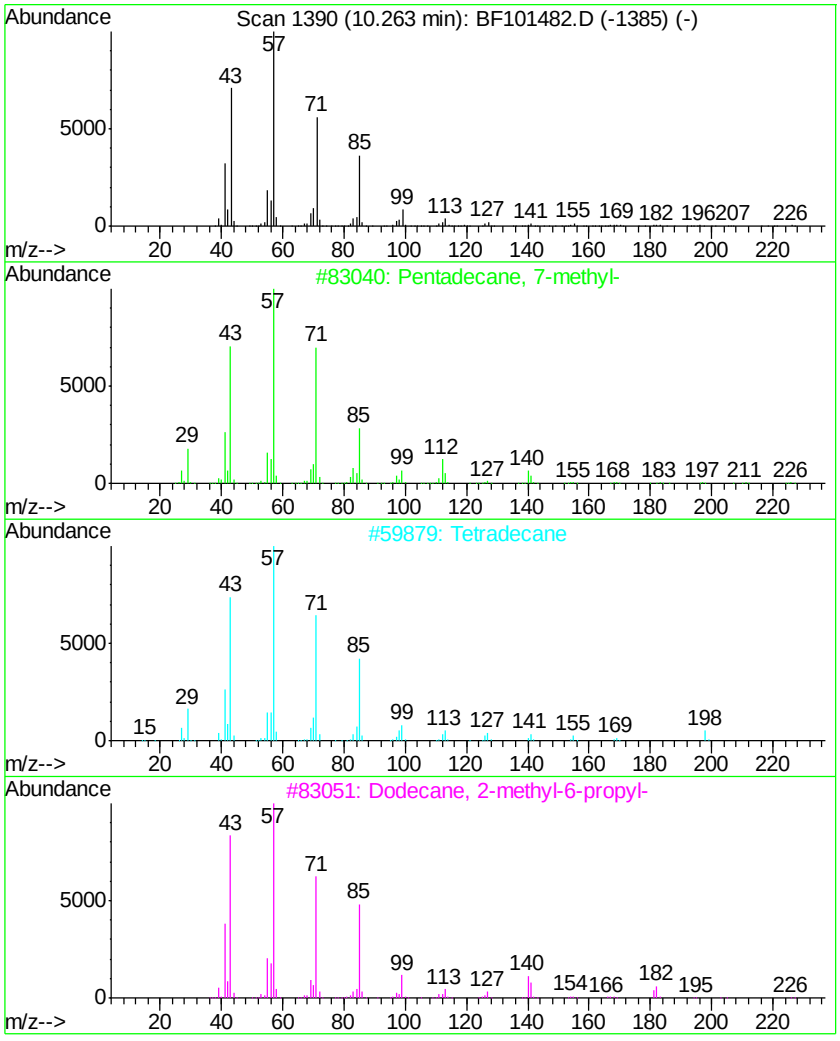
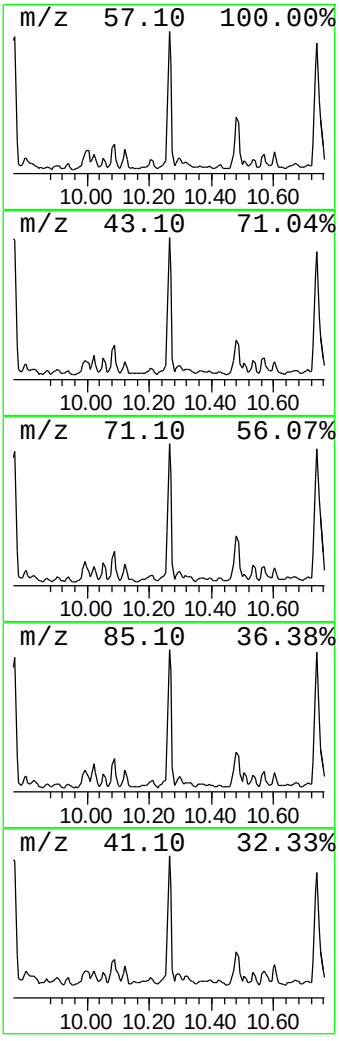
Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	27.49 ng	1678270	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane	170	C12H26	000112-40-3	76





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Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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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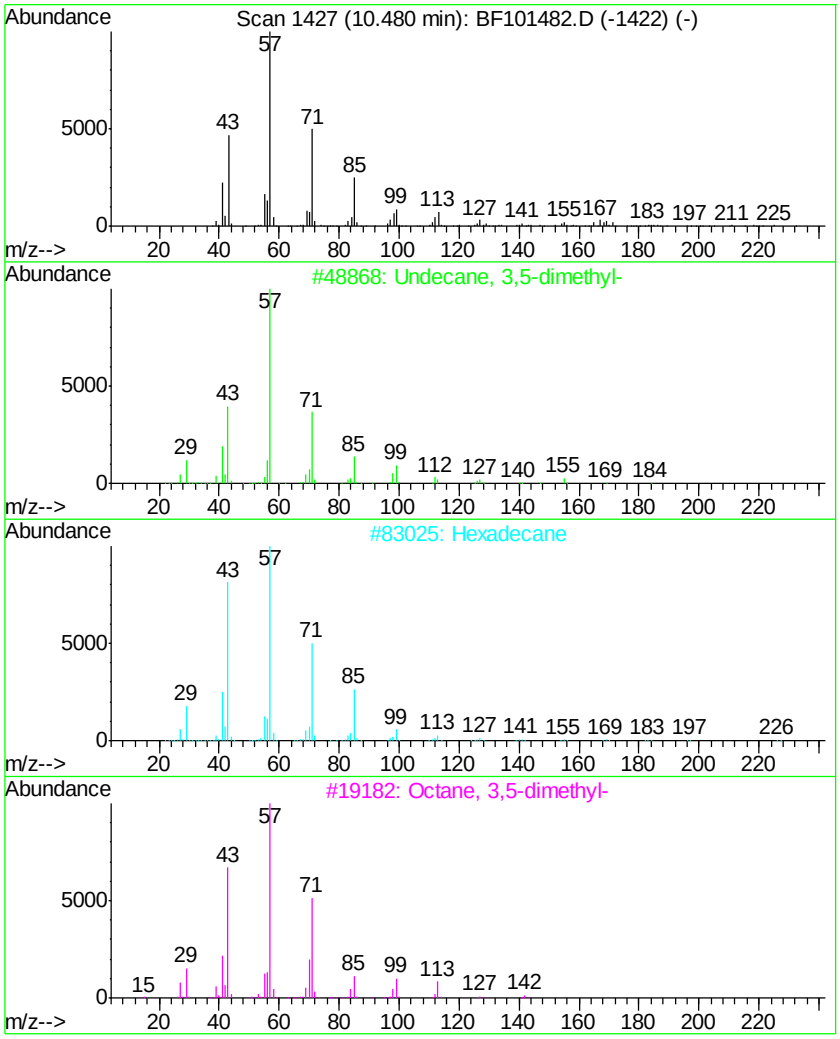
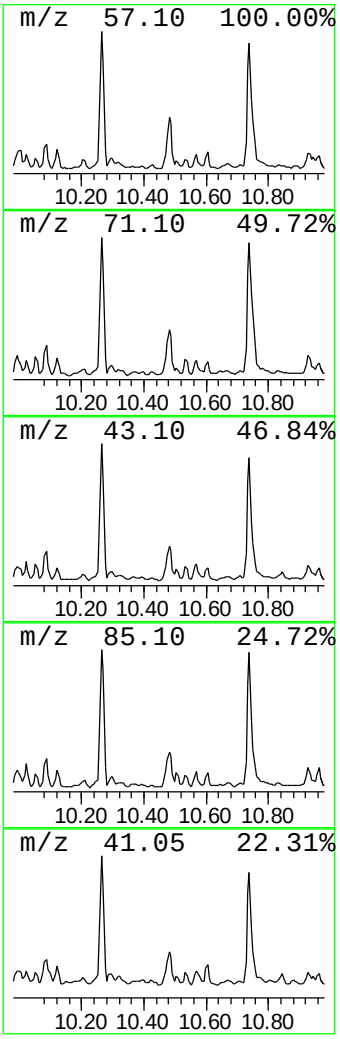
Peak Number 7 Undecane, 3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	13.77 ng	840858	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	83
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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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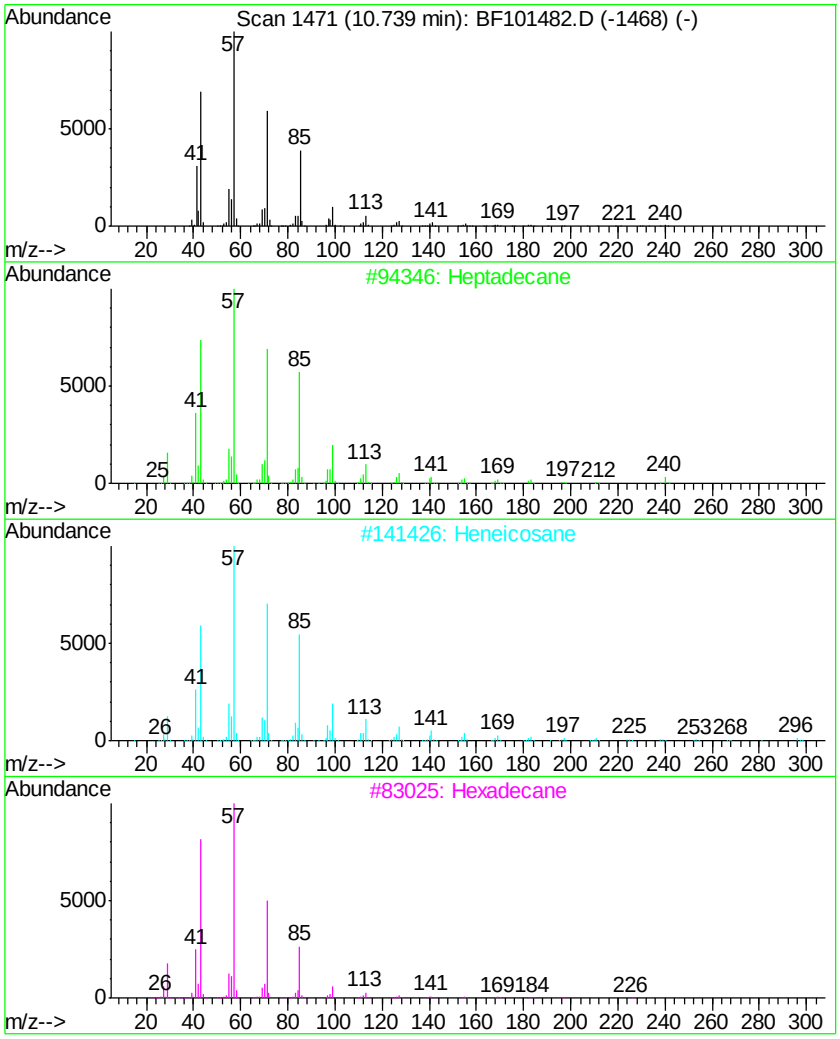
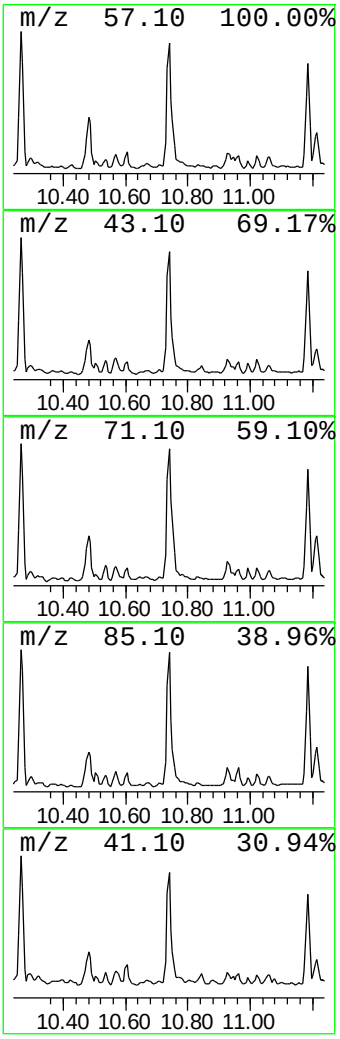
Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	33.16 ng	1948610	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

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Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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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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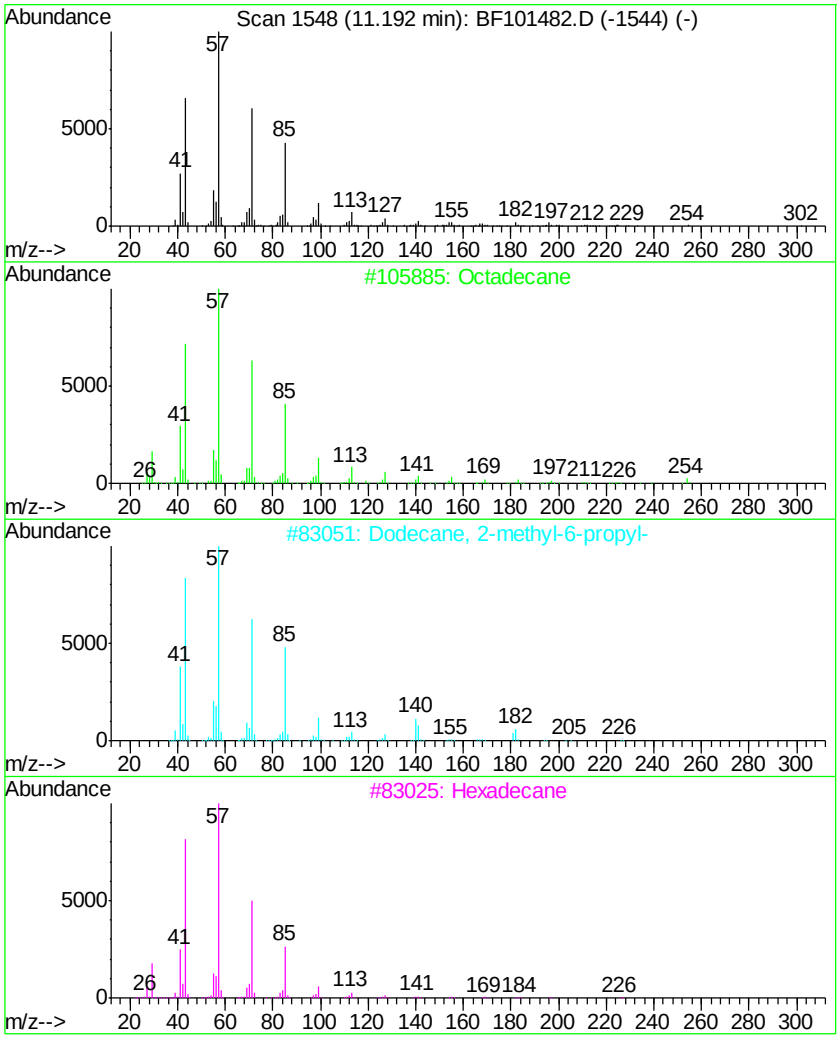
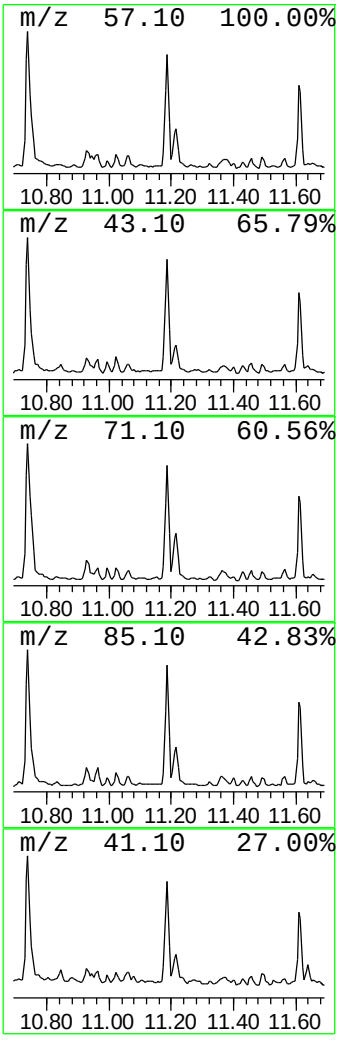
Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	19.49 ng	1145340	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





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

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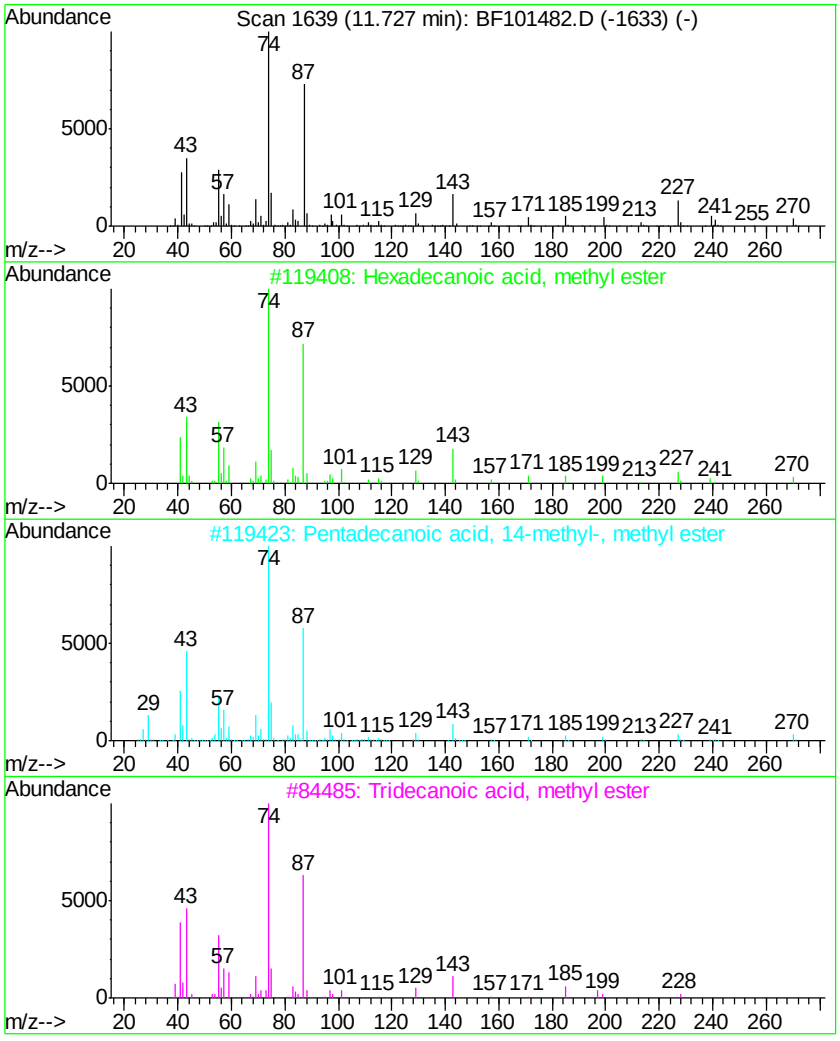
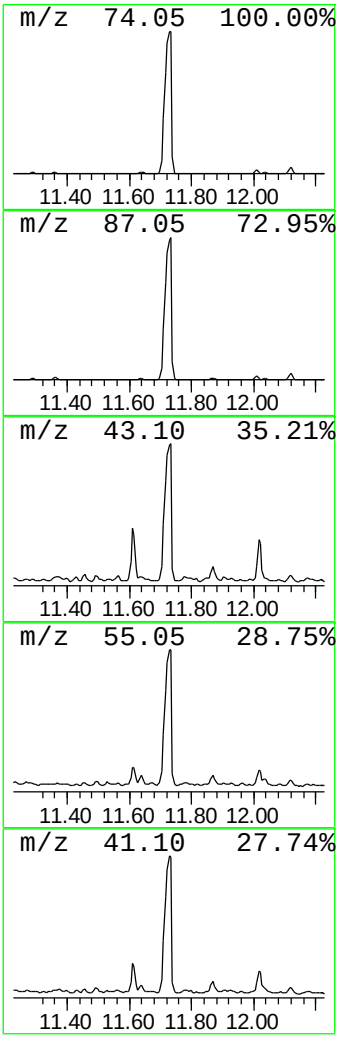
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	148.62 ng	8732520	Phenanthrene-d10	11.34

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	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





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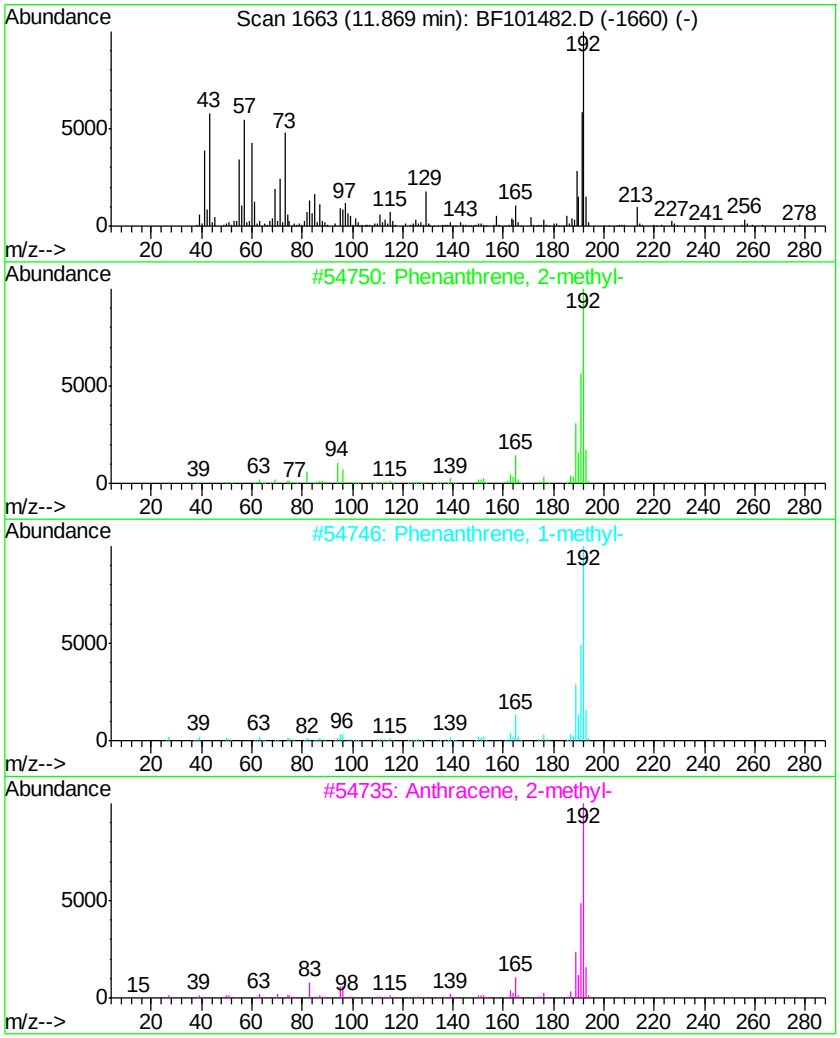
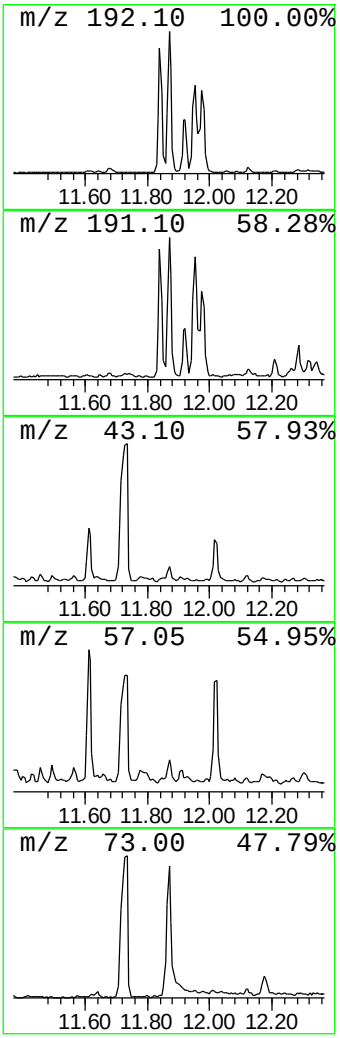
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.44 ng	554482	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92





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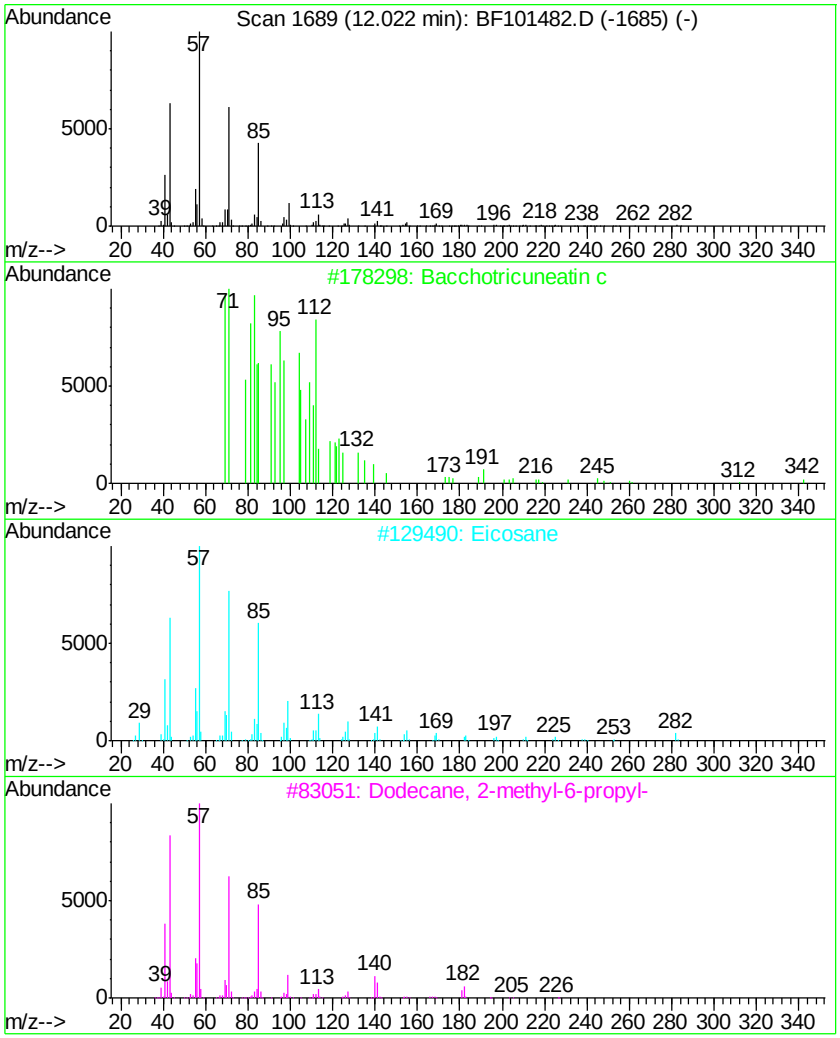
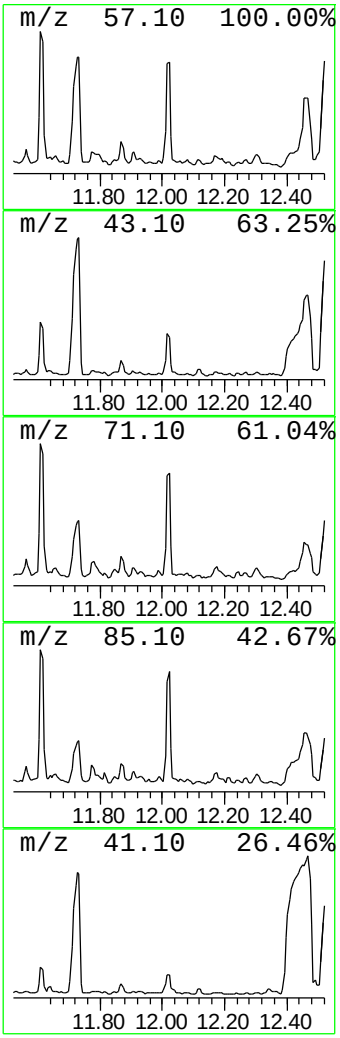
Peak Number 12 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	17.76 ng	1043300	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Eicosane	282	C20H42	000112-95-8	95
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
5	Octadecane	254	C18H38	000593-45-3	91





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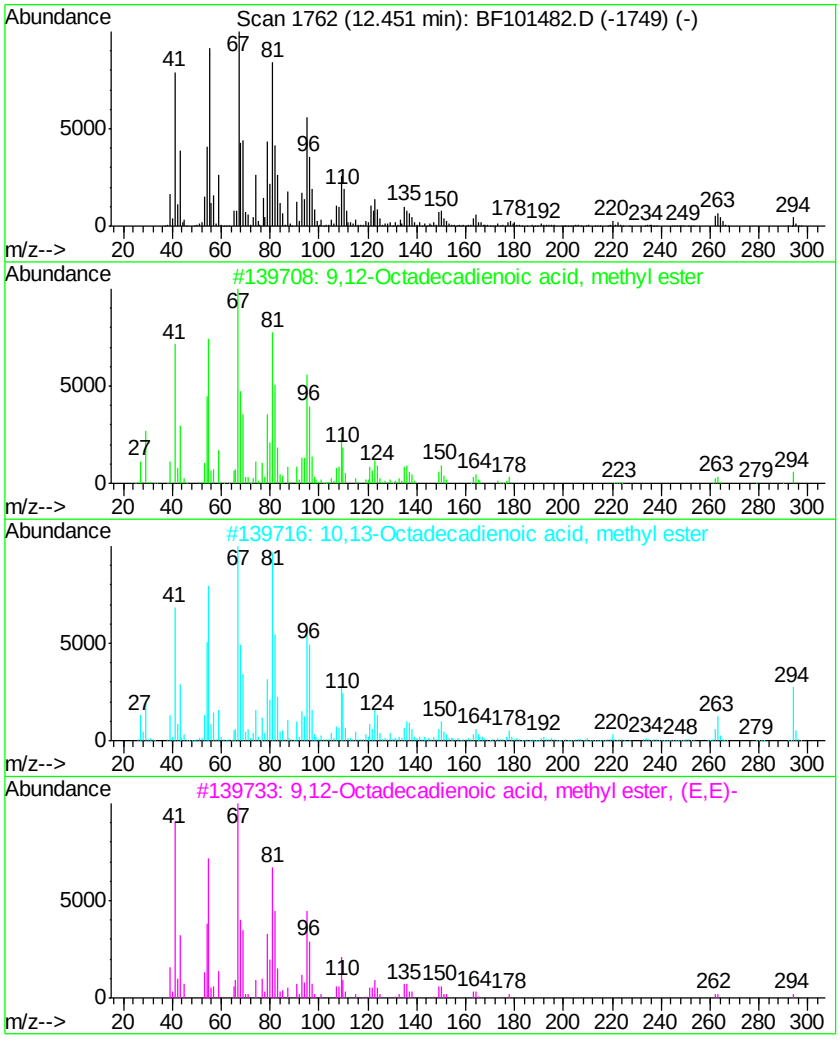
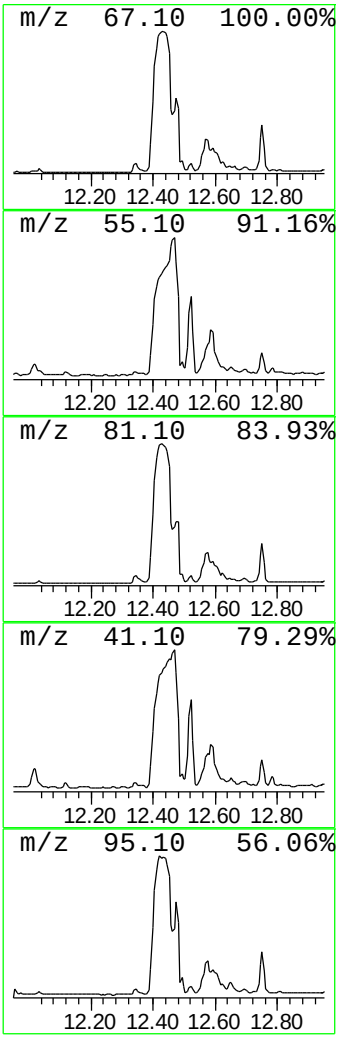
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	357.48 ng	21004400	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





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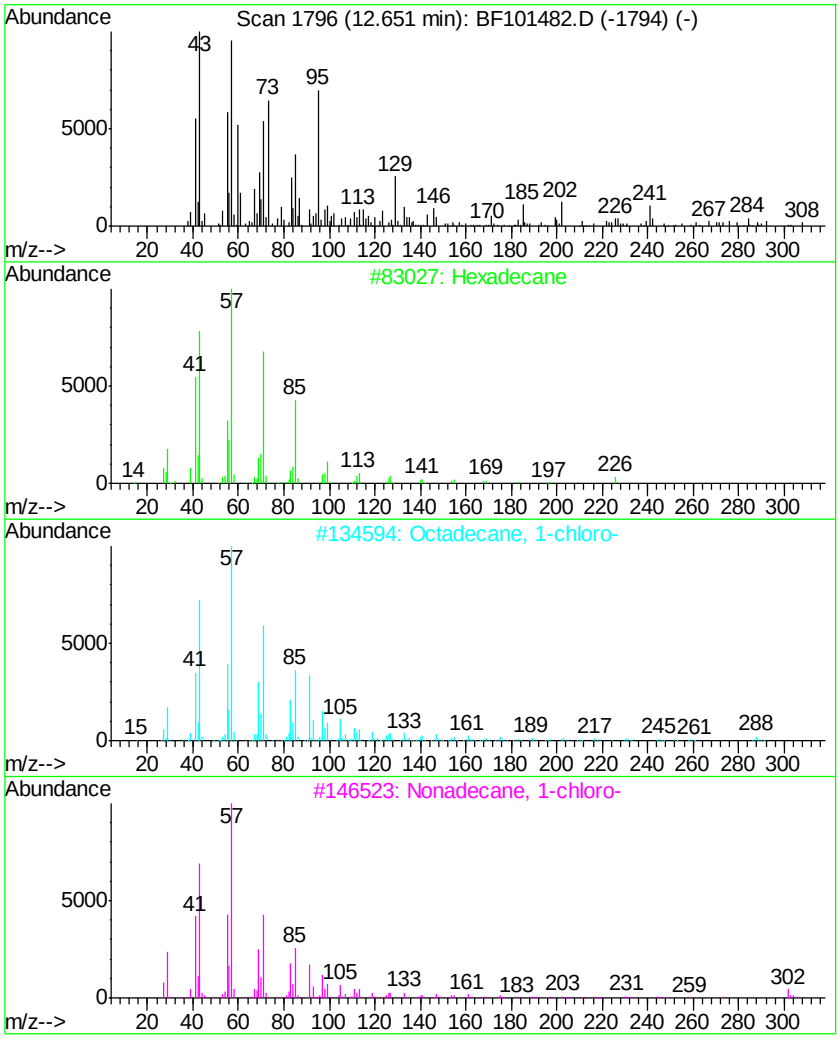
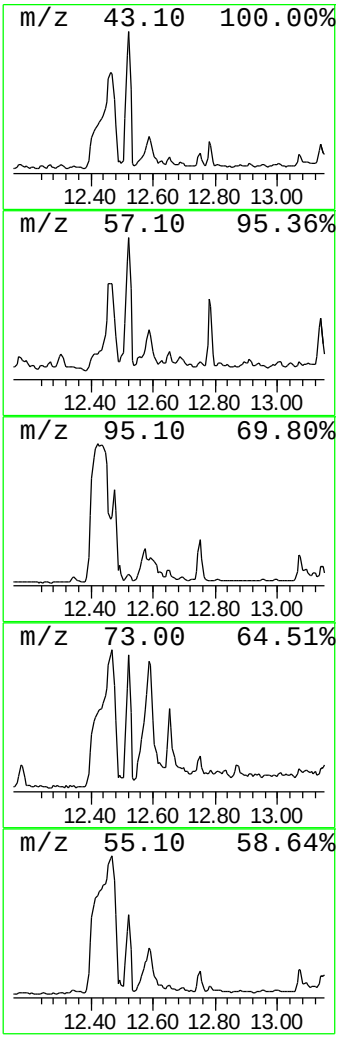
Peak Number 14 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.72 ng	570841	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	62
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	62
4	Octadecanoic acid	284	C18H36O2	000057-11-4	55
5	Heptadecanoic acid	270	C17H34O2	000506-12-7	50





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

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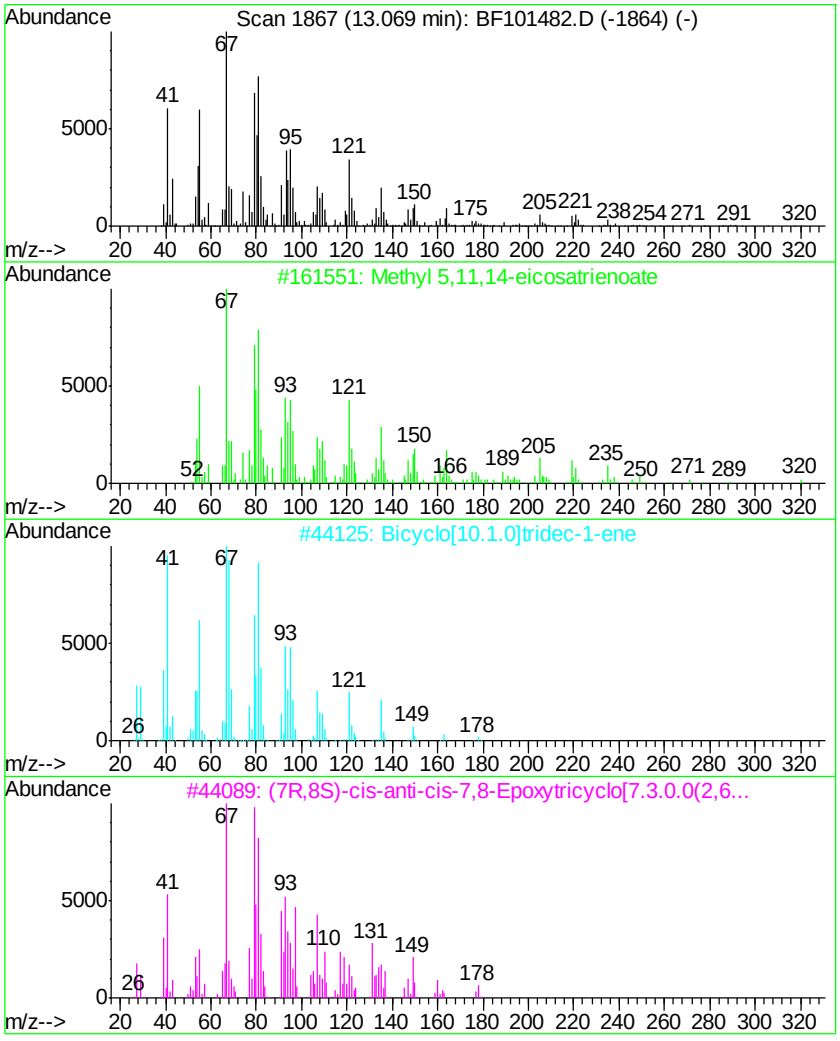
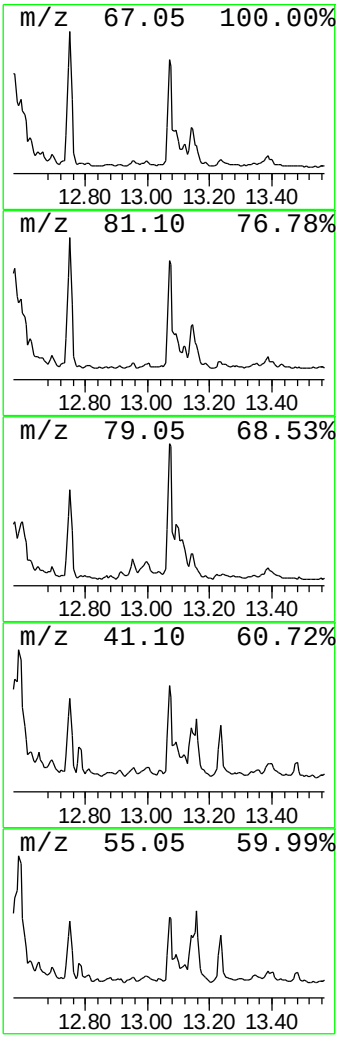
Peak Number 15 Methyl 5,11,14-eicosatrienoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	19.25 ng	1657250	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	99
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	94
3	(7R,8S)-cis-anti-cis-7,8-Epoxytr...	178	C12H18O	073285-35-5	81
4	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	64
5	cis-3-Methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-28-9	64





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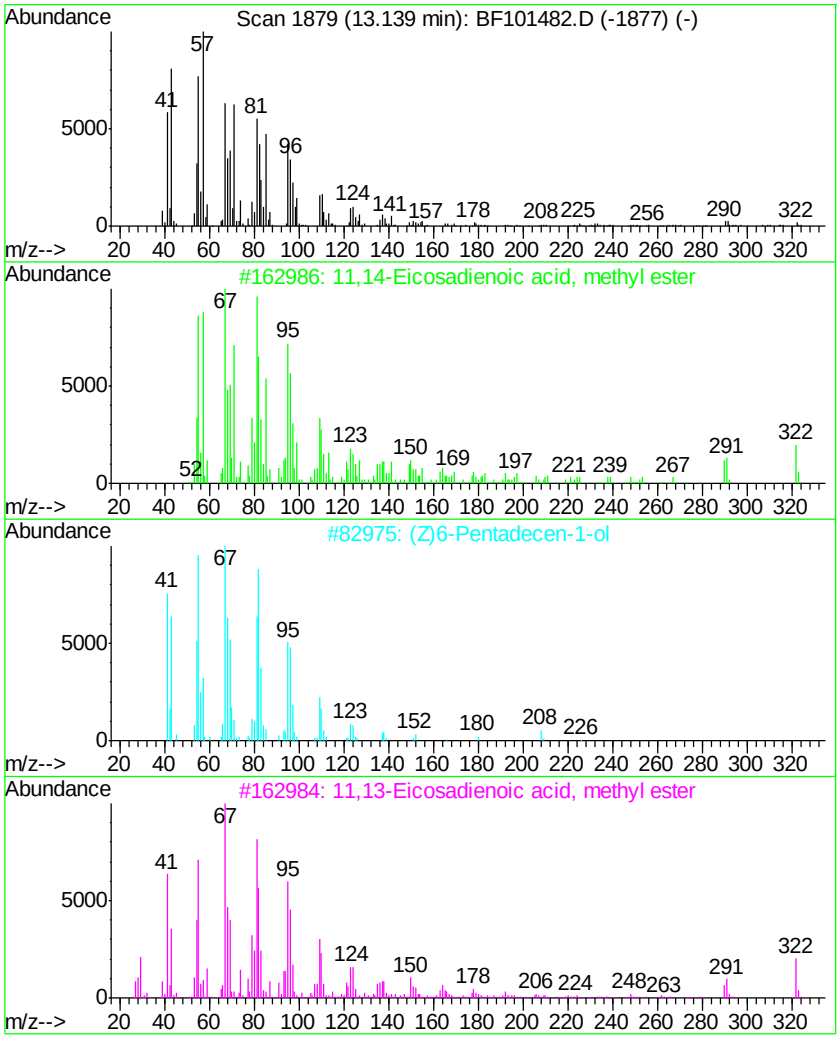
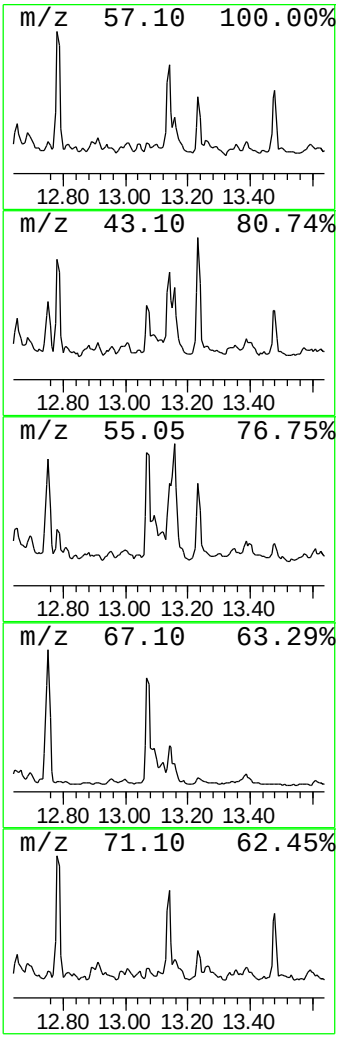
Peak Number 16 11,14-Eicosadienoic acid, m... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	10.69 ng	919992	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	93
2	(Z)6-Pentadecen-1-ol	226	C15H30O	068797-95-5	92
3	11,13-Eicosadienoic acid, methyl...	322	C21H38O2	056599-57-6	83
4	cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1000333-61-8	83
5	9-Octadecyne	250	C18H34	035365-59-4	78





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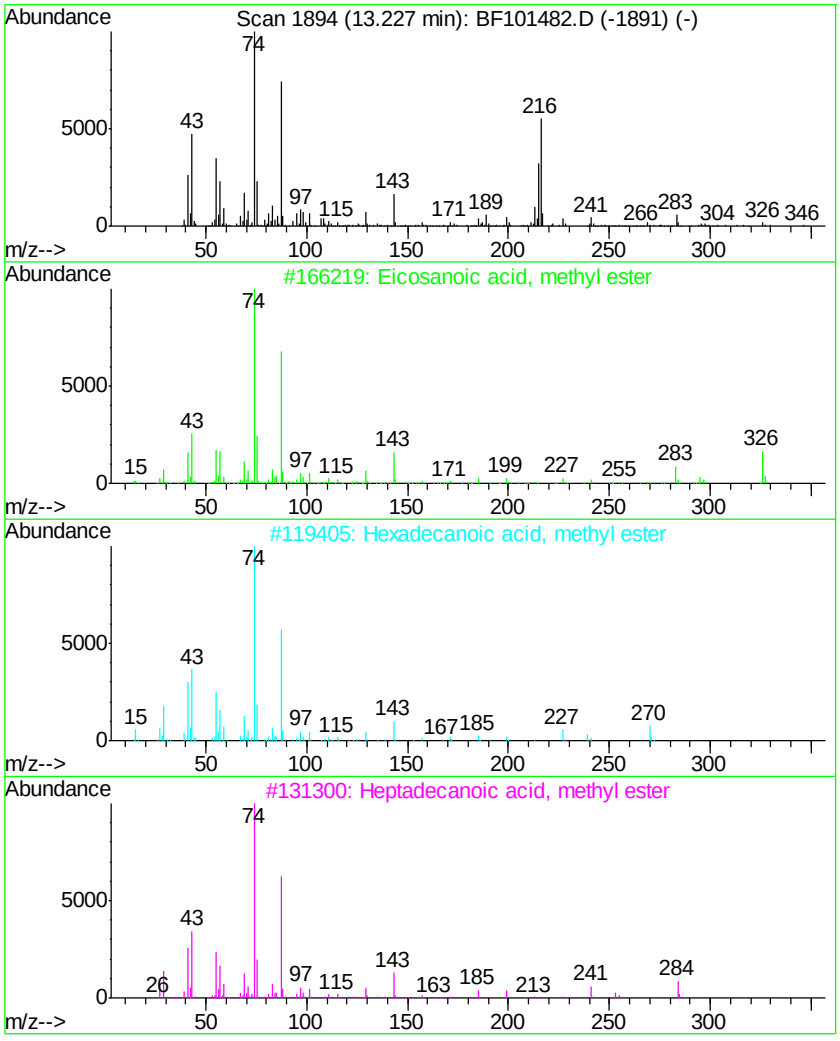
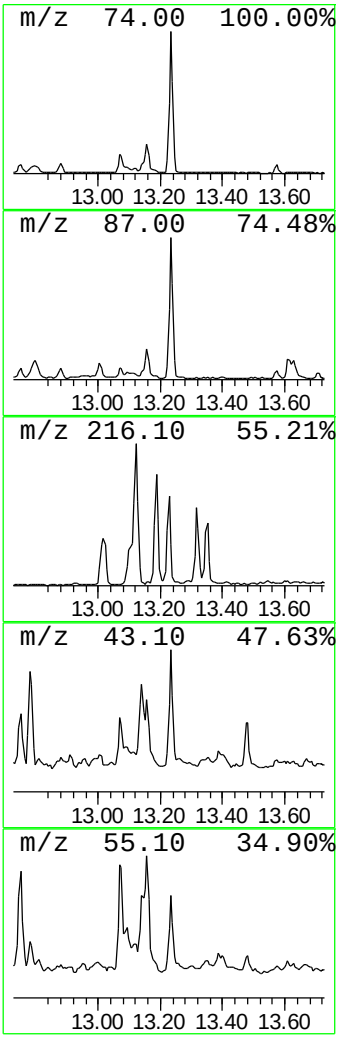
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	12.63 ng	1087050	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5	Methyl stearate	298	C19H38O2	000112-61-8	91





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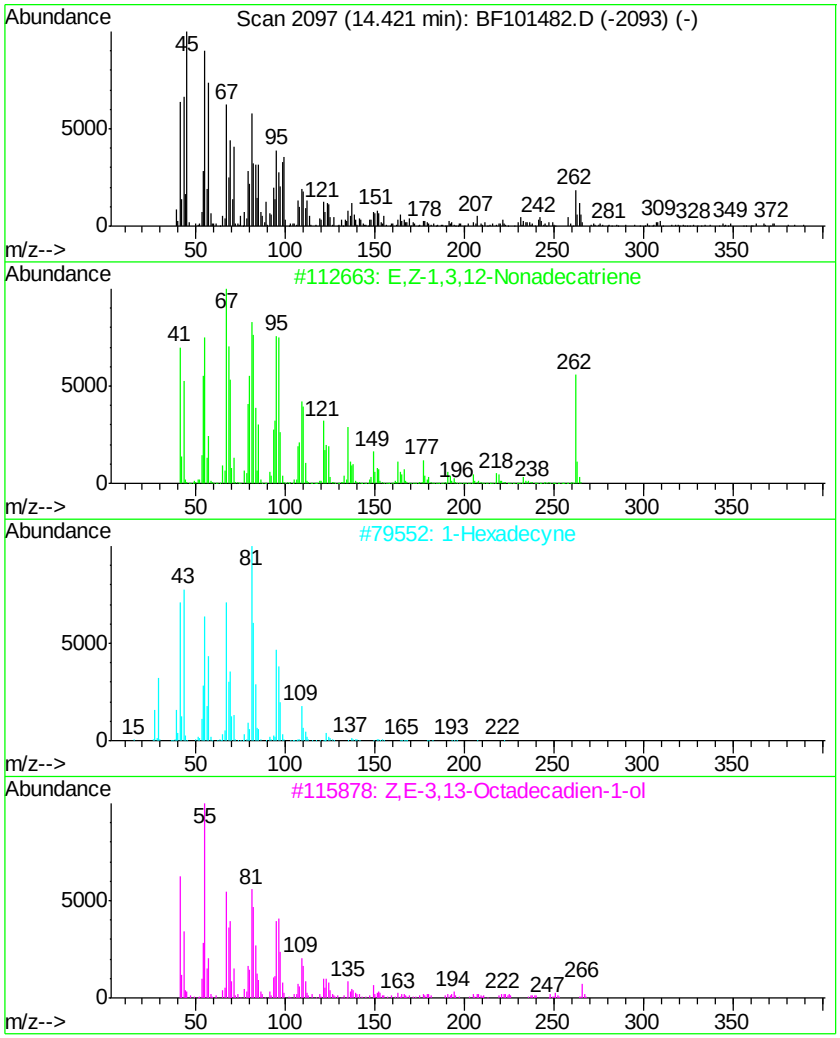
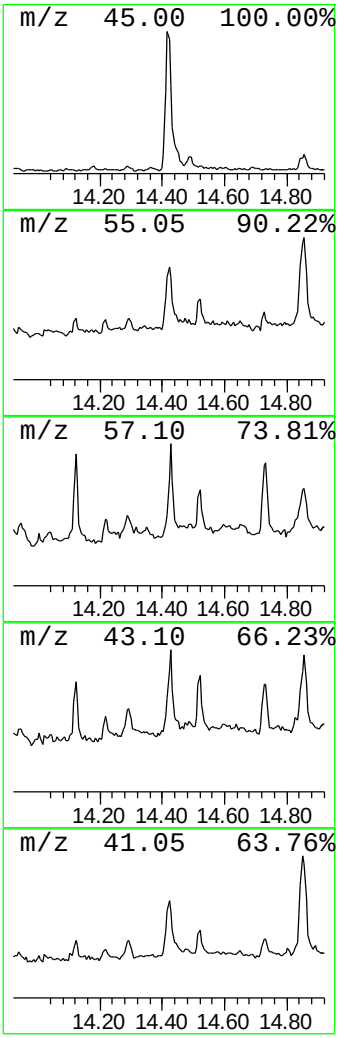
Peak Number 18 E,Z-1,3,12-Nonadecatriene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	10.58 ng	911014	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E,Z-1,3,12-Nonadecatriene	262	C19H34	1000131-11-3	86
2	1-Hexadecyne	222	C16H30	000629-74-3	72
3	Z,E-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-4	56
4	9,12-Octadecadienoyl chloride, (...	298	C18H31ClO	007459-33-8	50
5	Z-6,17-Octadecadien-1-ol acetate	308	C20H36O2	086252-73-5	47





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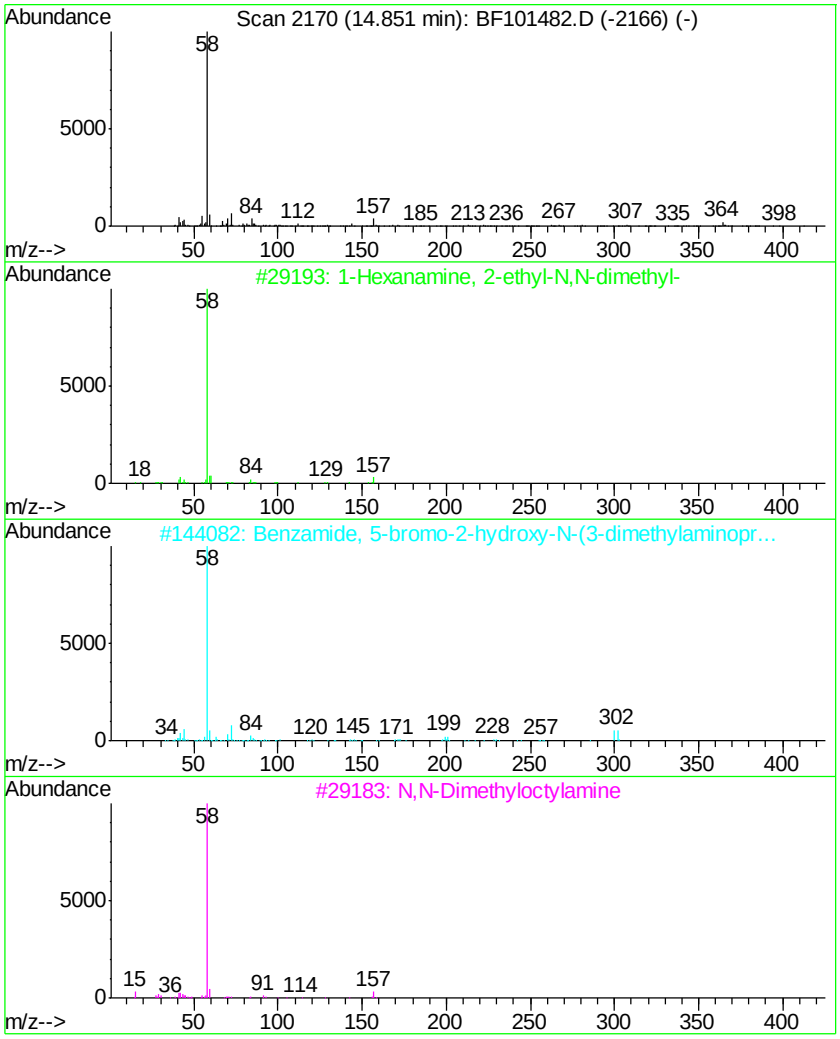
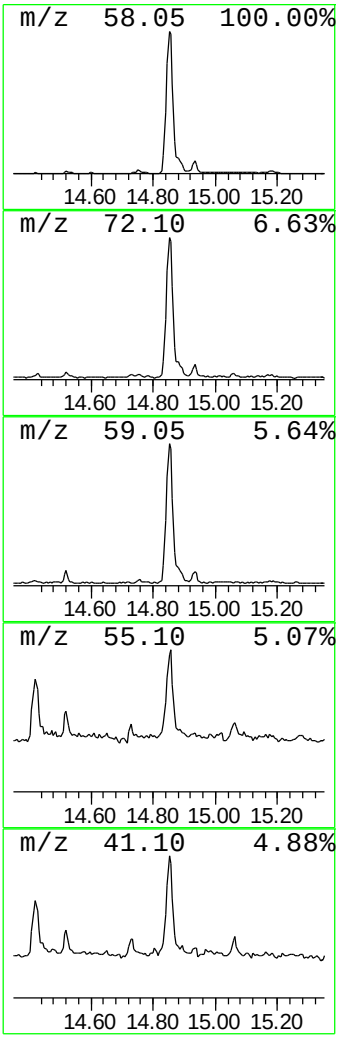
Peak Number 19 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	76.11 ng	2095040	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	80
2	Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	72
3	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
4	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
5	Benzeneacetamide, N-methyl-N-[2-...	307	C16H25N3O3	1000193-49-1	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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

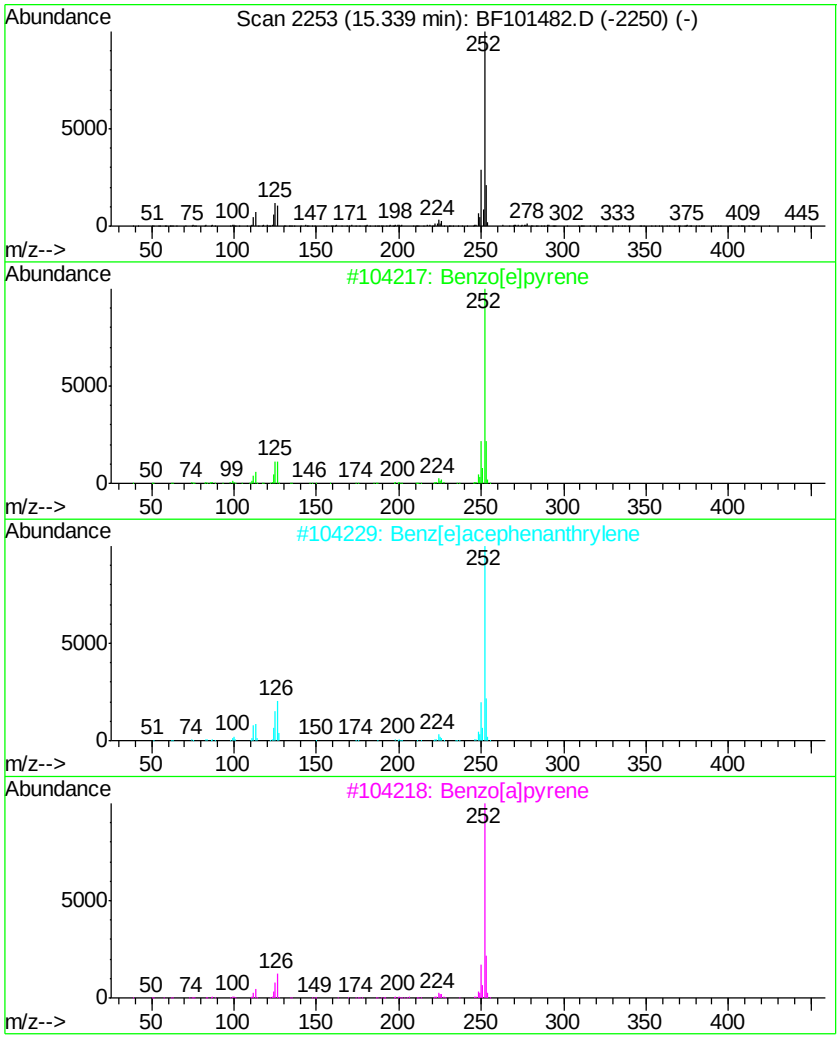
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

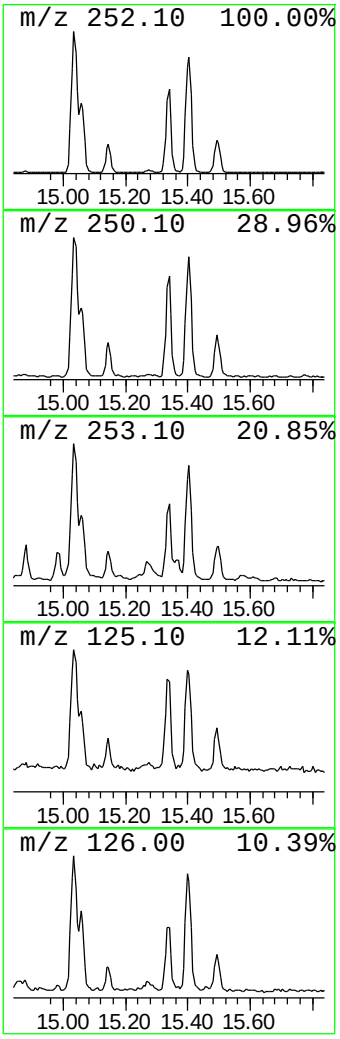
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	13.00 ng	357725	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101482.D
Acq On : 18 Dec 2017 15:58
Operator : SJ/JU
Sample : I6675-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121517

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
unknown6.58	6.58	30.0	ng	1641670	1	6.80	1095660	20.0
Tetradecane	8.67	19.4	ng	1341750	2	8.09	1382050	20.0
Tridecane	9.24	27.9	ng	1705990	3	9.85	1221000	20.0
Pentadecane, 7-me...	10.26	27.5	ng	1678270	3	9.85	1221000	20.0
Undecane, 3,5-dim...	10.48	13.8	ng	840858	3	9.85	1221000	20.0
Heptadecane	10.74	33.2	ng	1948610	4	11.34	1175120	20.0
Octadecane	11.19	19.5	ng	1145340	4	11.34	1175120	20.0
Hexadecanoic acid...	11.73	148.6	ng	8732520	4	11.34	1175120	20.0
Phenanthrene, 2-m...	11.87	9.4	ng	554482	4	11.34	1175120	20.0
Bacchotricuneatin c	12.02	17.8	ng	1043300	4	11.34	1175120	20.0
9,12-Octadecadien...	12.45	357.5	ng	21004400	4	11.34	1175120	20.0
Hexadecane	12.65	9.7	ng	570841	4	11.34	1175120	20.0
Methyl 5,11,14-ei...	13.07	19.3	ng	1657250	5	13.99	1721630	20.0
11,14-Eicosadieno...	13.14	10.7	ng	919992	5	13.99	1721630	20.0
Eicosanoic acid, ...	13.23	12.6	ng	1087050	5	13.99	1721630	20.0
E,Z-1,3,12-Nonade...	14.42	10.6	ng	911014	5	13.99	1721630	20.0
1-Hexanamine, 2-e...	14.85	76.1	ng	2095040	6	15.46	550559	20.0
Benzo[e]pyrene	15.34	13.0	ng	357725	6	15.46	550559	20.0