LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

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-BF040618.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	5.416	562	566	569	rBV	2108120	1965518	10.27%	2.387%
2	6.439	735	740	743	rBV	1940354	2034575	10.63%	2.471%
3	6.569	758	762	766	rBV	2297599	2188599	11.43%	2.658%
4	6.798	797	801	805	rBV	794913	617563	3.23%	0.750%
5	6.957	823	828	831	rBV	1925021	1719970	8.98%	2.089%
6	7.369	893	898	900	rBV	1347243	1314740	6.87%	1.597%
7	8.057	1012	1015	1017	rBV	245930	223021	1.16%	0.271%
8	8.081	1017	1019	1022	rVV	873746	835001	4.36%	1.014%
9	8.369	1064	1068	1072	rVB6	196102	242688	1.27%	0.295%
10	8.586	1101	1105	1107	rBV	433854	348650	1.82%	0.423%
11	8.669	1116	1119	1123	rBV	637089	538389	2.81%	0.654%
12	8.739	1129	1131	1138	rVV4	182986	296784	1.55%	0.360%
13	8.904	1156	1159	1161	rBV2	394945	345212	1.80%	0.419%
14	9.028	1177	1180	1185	rVB5	217572	297035	1.55%	0.361%
15	9.098	1189	1192	1194	rBV	316564	227505	1.19%	0.276%
16	9.163	1198	1203	1206	rVB	2767346	2444703	12.77%	2.969%
17	9.233	1211	1215	1218	rBV	941431	810833	4.24%	0.985%
18	9.310	1225	1228	1230	rVB	286447	251654	1.31%	0.306%
19	9.422	1244	1247	1252	rVB7	319755	356078	1.86%	0.432%
20	9.551	1266	1269	1272	rVV3	514033	638401	3.33%	0.775%
21	9.586	1272	1275	1277	rVV2	195095	227551	1.19%	0.276%
22	9.616	1277	1280	1282	rVV2	263063	239581	1.25%	0.291%
23	9.763	1302	1305	1309	rVV	1014361	874000	4.57%	1.061%
24	9.839	1313	1318	1321	rVV	837749	926306	4.84%	1.125%
25	9.875	1321	1324	1327	rVV2	212130	199172	1.04%	0.242%
26	9.998	1341	1345	1347	rBV4	151346	212270	1.11%	0.258%
27	10.045	1351	1353	1357	rVB3	253431	263868	1.38%	0.320%
28	10.086	1357	1360	1364	rBV3	303897	358613	1.87%	0.435%
29	10.157	1369	1372	1376	rBV3	154105	269762	1.41%	0.328%
30	10.263	1384	1390	1393	rBV	1069758	1082541	5.65%	1.315%
31	10.392	1408	1412	1421	rVB	316361	408916	2.14%	0.497%
32	10.480	1423	1427	1433	rVB	365646	549883	2.87%	0.668%
33	10.633	1450	1453	1457	rBV	1208555	1097952	5.74%	1.333%
34	10.739	1468	1471	1480	rVB	1160492	1338483	6.99%	1.625%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.927	1501	1503	1507	rBV3	131624	194865	1.02%	0.237%
36	11.186	1544	1547	1550	rBV	954289	781823	4.08%	0.949%
37	11.216	1550	1552	1558	rVB2	401233	477336	2.49%	0.580%
38	11.333	1568	1572	1574	rBV	742271	700365	3.66%	0.851%
39	11.357	1574	1576	1579	rVV	1316730	1062114	5.55%	1.290%
40	11.410	1582	1585	1587	rVV	325905	277195	1.45%	0.337%
41	11.616	1617	1620	1622	rBV	753918	605891	3.16%	0.736%
42	11.733	1633	1640	1643	rBV	5726547	8006709	41.82%	9.723%
43	11.863	1660	1662	1668	rVB2	231411	211589	1.11%	0.257%
44	12.022	1685	1689	1692	rBV2	598720	632393	3.30%	0.768%
45	12.121	1703	1706	1710	rBV3	204768	231023	1.21%	0.281%
46	12.345	1740	1744	1747	rBV2	188545	212308	1.11%	0.258%
47	12.445	1749	1761	1763	rBV4	5926003	19143624	100.00%	23.248%
48	12.527	1771	1775	1777	rVB	4014401	3647342	19.05%	4.429%
49	12.557	1777	1780	1783	rVB	1503657	1270435	6.64%	1.543%
50	12.610	1783	1789	1791	rBV3	365698	552206	2.88%	0.671%
51	12.757	1810	1814	1816	rBV	1139549	1079173	5.64%	1.311%
52	12.786	1816	1819	1826	rVB	1371742	1744686	9.11%	2.119%
53	12.927	1838	1843	1846	rBV	1805566	1682819	8.79%	2.044%
54	12.957	1846	1848	1851	rVB2	284101	240625	1.26%	0.292%
55	13.004	1853	1856	1859	rVV3	209485	290375	1.52%	0.353%
56	13.039	1859	1862	1865	rVV3	190674	237545	1.24%	0.288%
57	13.074	1865	1868	1870	rVV	1331770	1187396	6.20%	1.442%
58	13.098	1870	1872	1874	rVV3	684346	820836	4.29%	0.997%
59	13.145	1878	1880	1881	rVV	614797	516422	2.70%	0.627%
60	13.163	1881	1883	1889	rVB2	809650	946348	4.94%	1.149%
61	13.239	1894	1896	1900	rVB	692492	611108	3.19%	0.742%
62	13.345	1911	1914	1919	rVV4	132001	255052	1.33%	0.310%
63	13.404	1922	1924	1932	rVB4	274750	406505	2.12%	0.494%
64	13.621	1958	1961	1965	rBV3	124551	219708	1.15%	0.267%
65	13.674	1966	1970	1975	rVB3	435185	620919	3.24%	0.754%
66	13.810	1991	1993	1996	rVV	206408	216264	1.13%	0.263%
67	13.910	2007	2010	2015	rVB2	461065	428766	2.24%	0.521%
68	13.980	2018	2022	2025	rVV2	895257	1368766	7.15%	1.662%
69	14.010	2025	2027	2034	rVB	657260	685309	3.58%	0.832%
70	14.133	2045	2048	2054	rVB4	172698	203637	1.06%	0.247%
71	14.427	2095	2098	2107	rBV5	321529	546165	2.85%	0.663%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.868	2168	2173	2181	rBV	1015803	1584898	8.28%	1.925%
73	15.033	2197	2201	2203	rBV	491141	697333	3.64%	0.847%
74	15.080	2207	2209	2215	rVB2	262962	289168	1.51%	0.351%
75	15.333	2248	2252	2258	rVB	282471	370892	1.94%	0.450%
76	15.392	2259	2262	2267	rVB	479046	603039	3.15%	0.732%
77	15.457	2269	2273	2276	rBV	402901	491335	2.57%	0.597%
78	16.921	2518	2522	2527	rVB2	153228	248535	1.30%	0.302%

Sum of corrected areas: 82346659

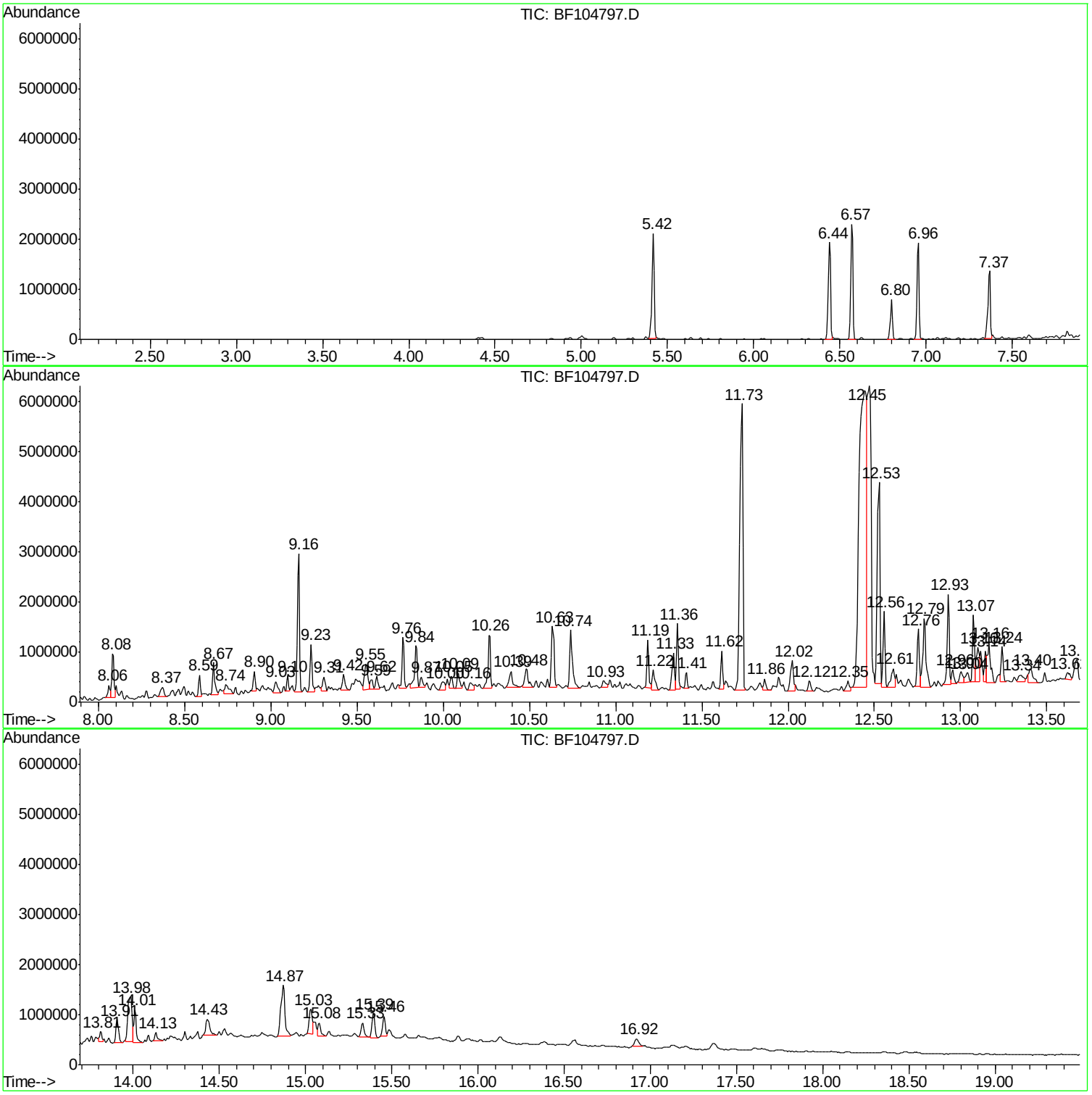
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

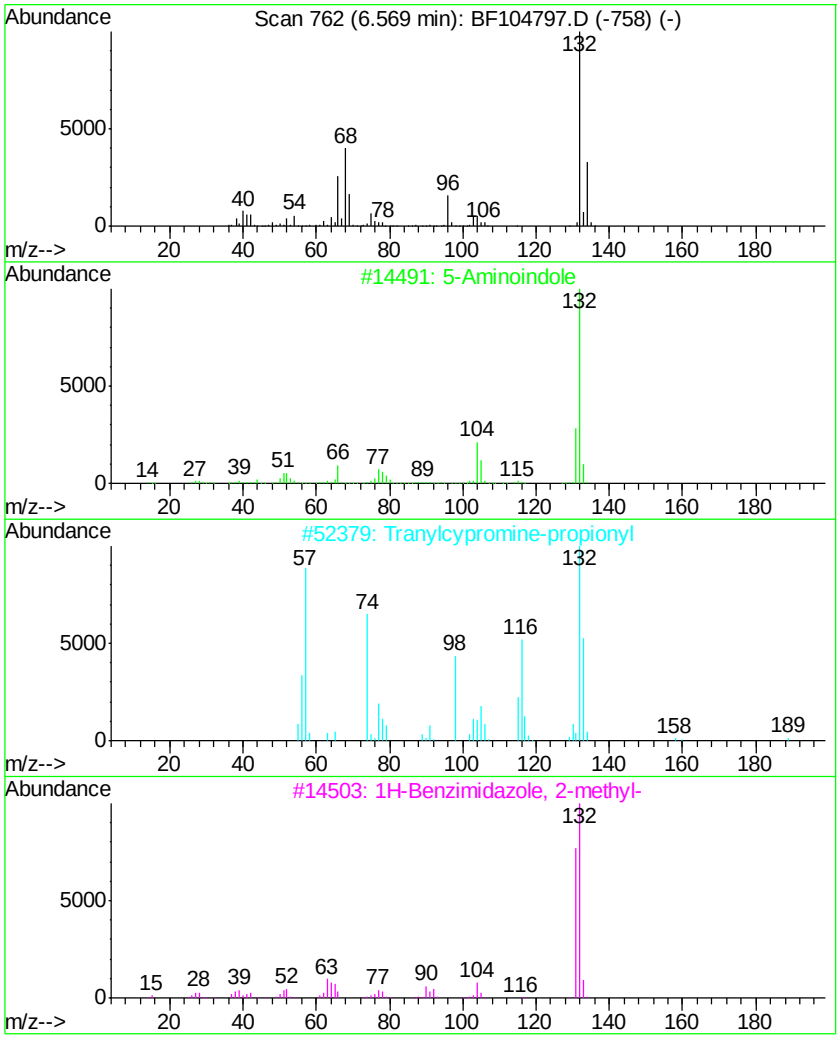
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

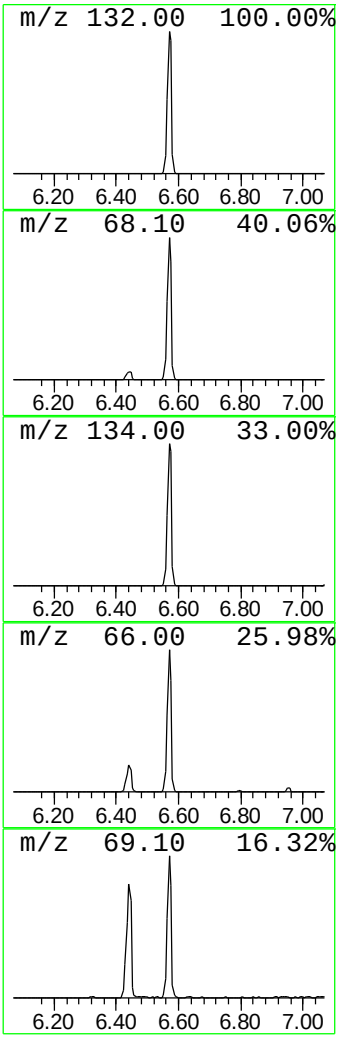
****

Peak Number 1 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.88 ng	2188600	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

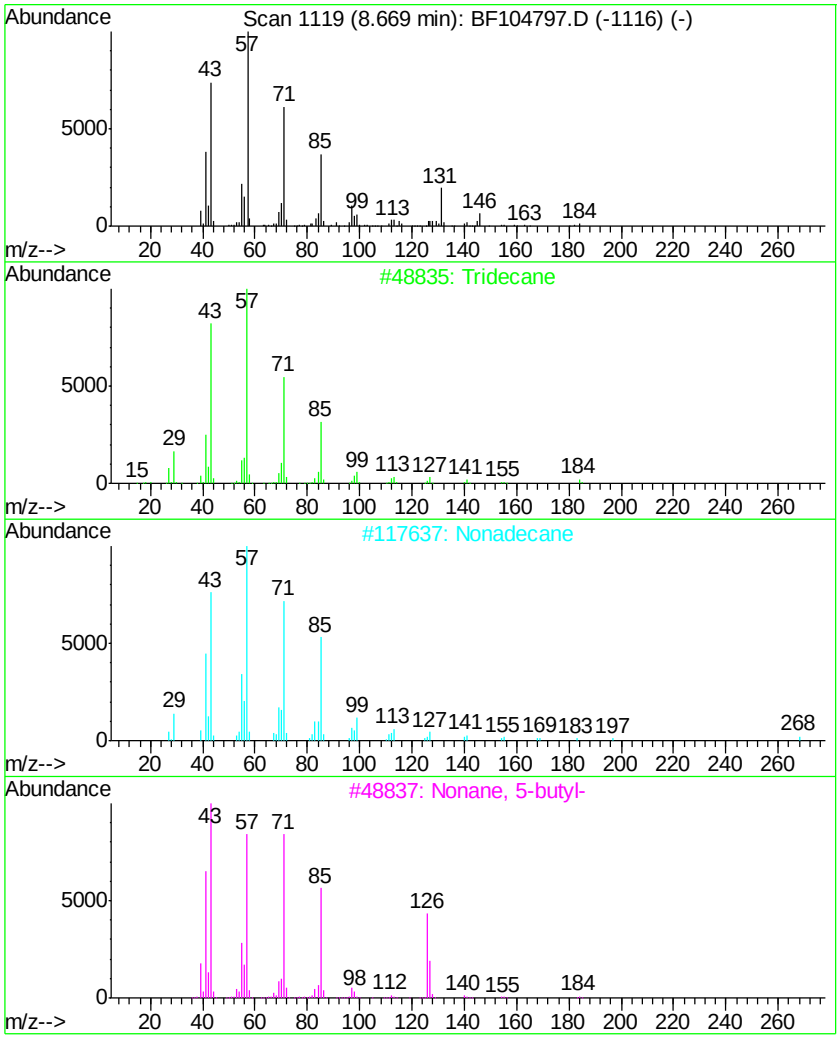
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

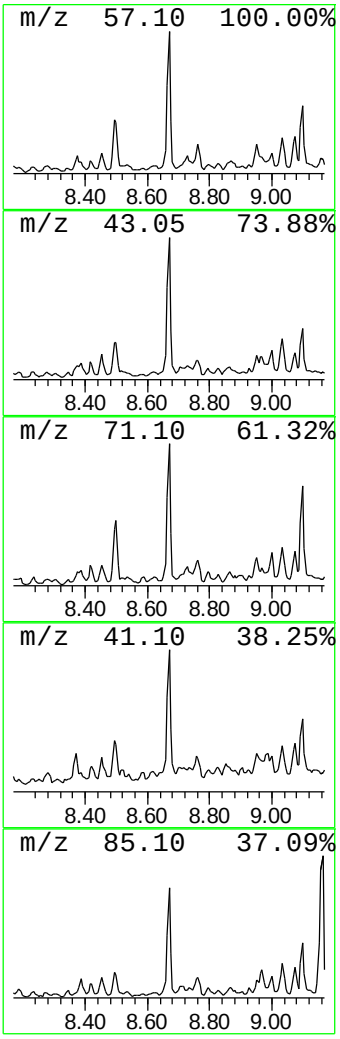
****

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	12.90 ng	538389	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Nonadecane	268	C19H40	000629-92-5	64
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4	Tetradecane	198	C14H30	000629-59-4	62
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

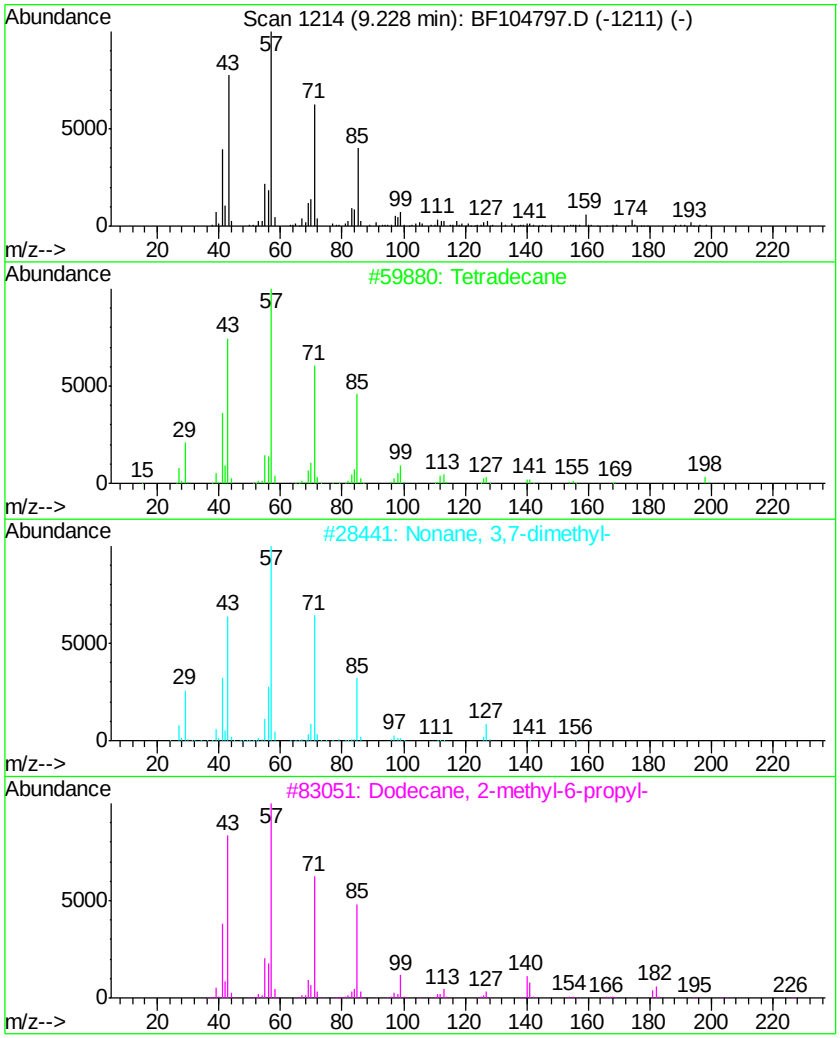
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

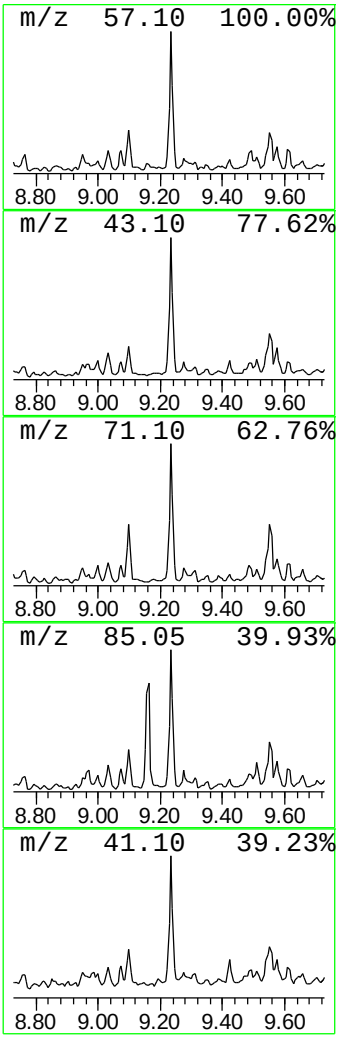
****

Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	17.51 ng	810833	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

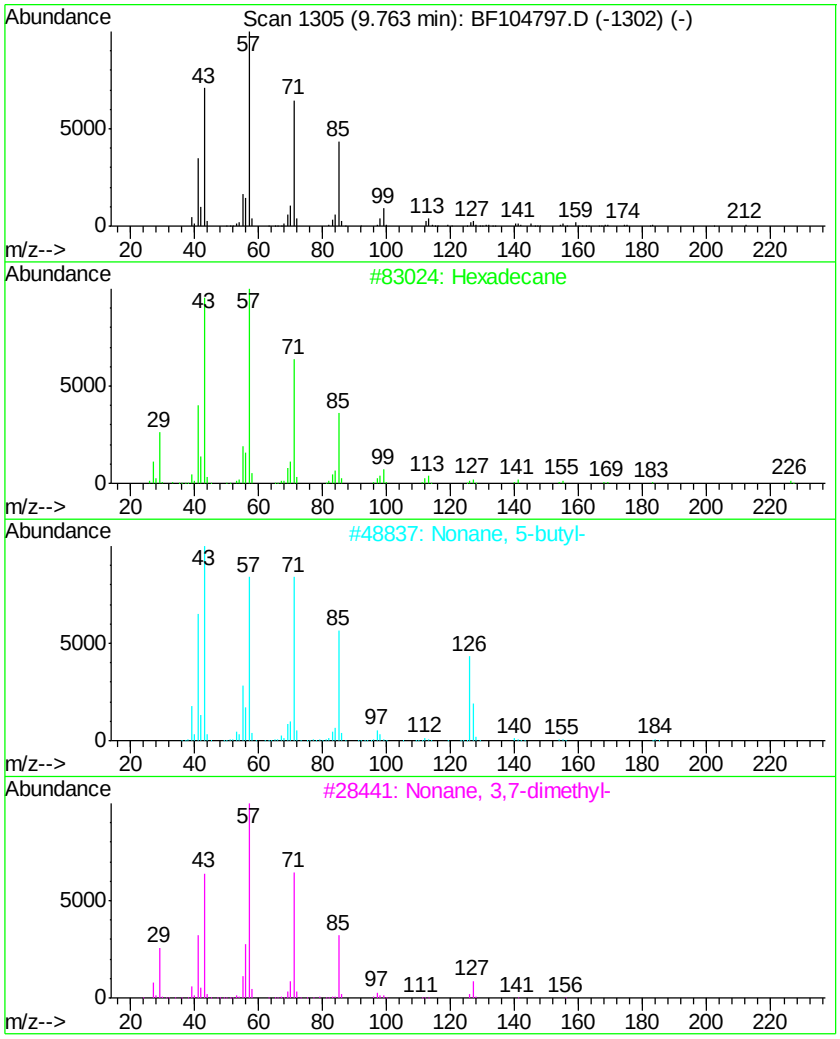
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

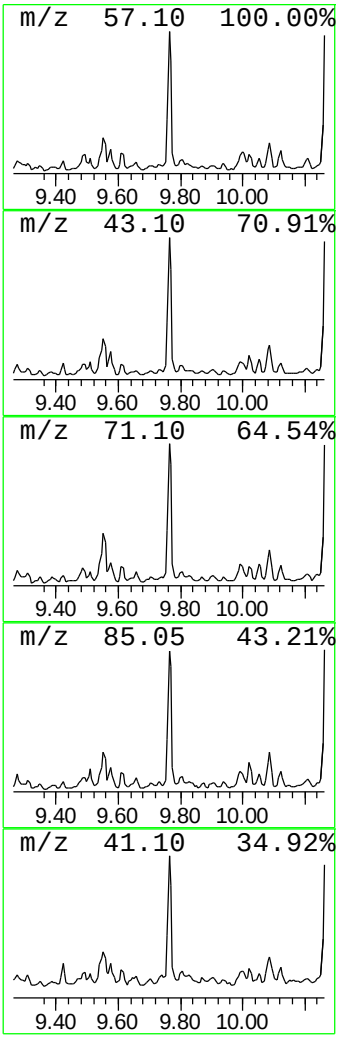
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	18.87 ng	874000	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

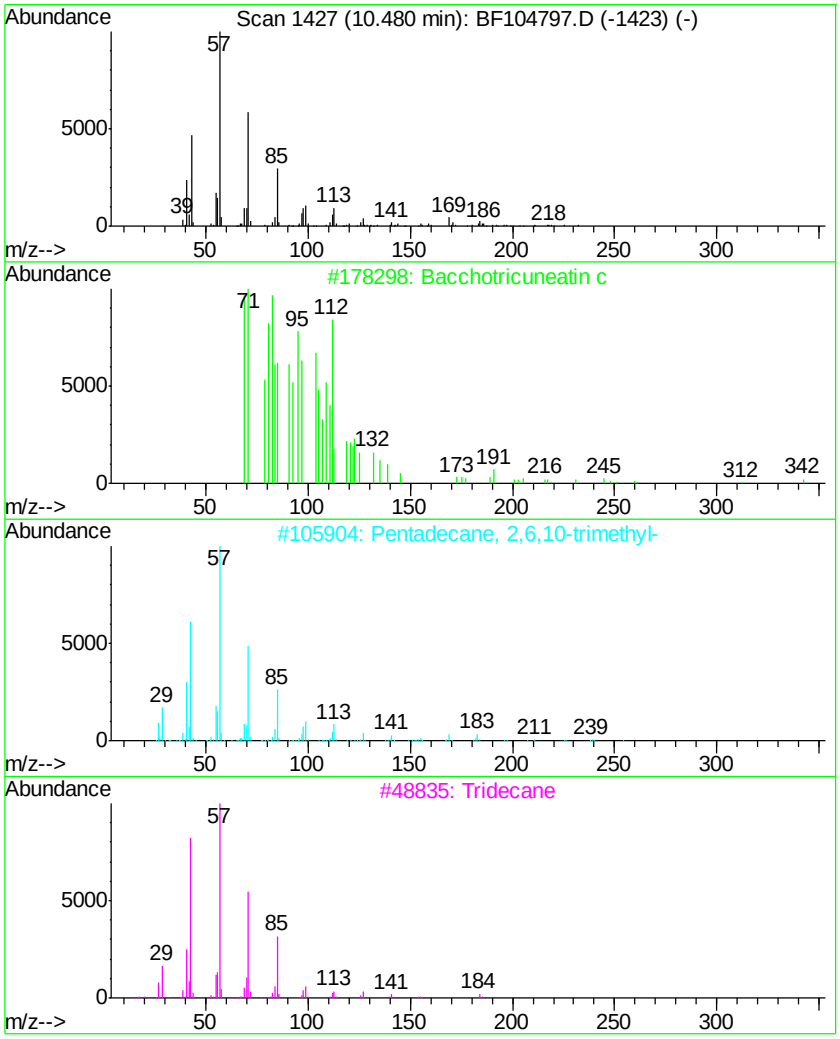
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

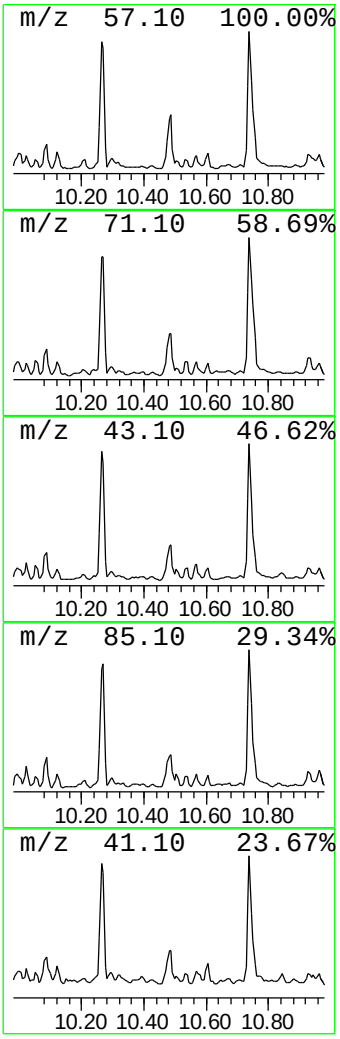
****

Peak Number 7 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	11.87 ng	549883	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Heptacosane	380	C27H56	000593-49-7	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

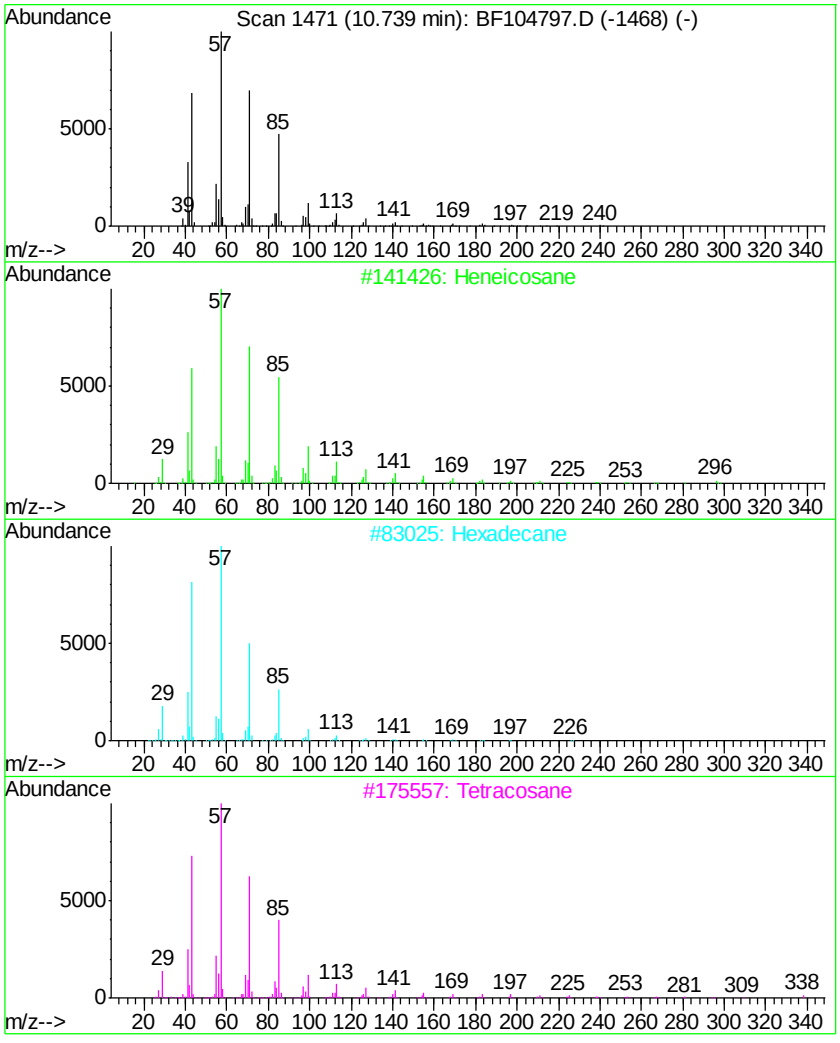
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

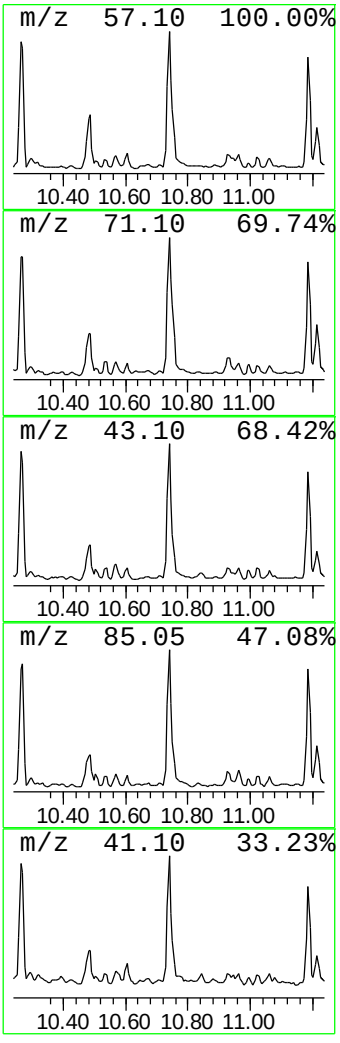
****

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	38.22 ng	1338480	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Pentadecane	212	C15H32	000629-62-9	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

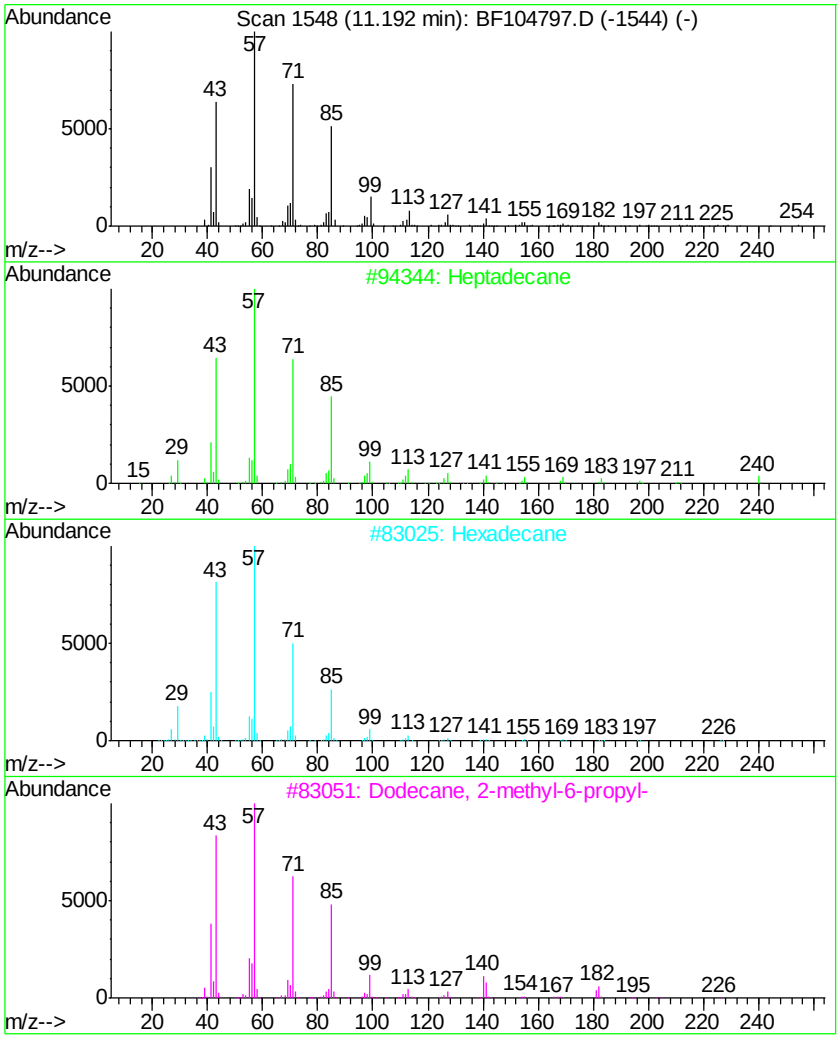
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

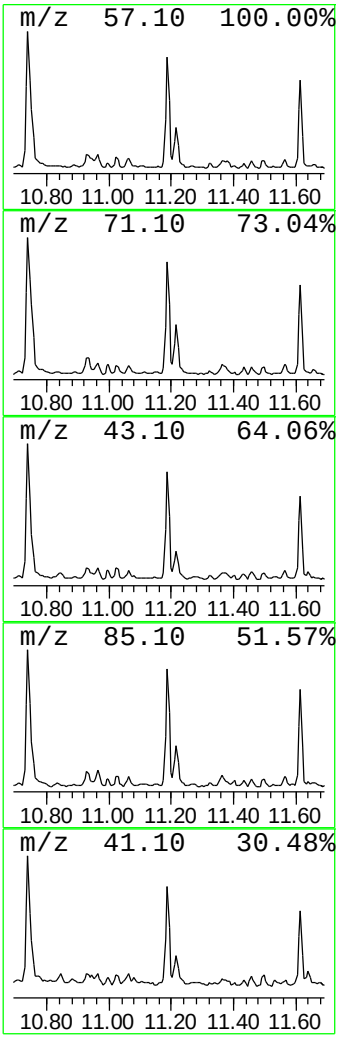
****

Peak Number 9 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	22.33 ng	781823	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

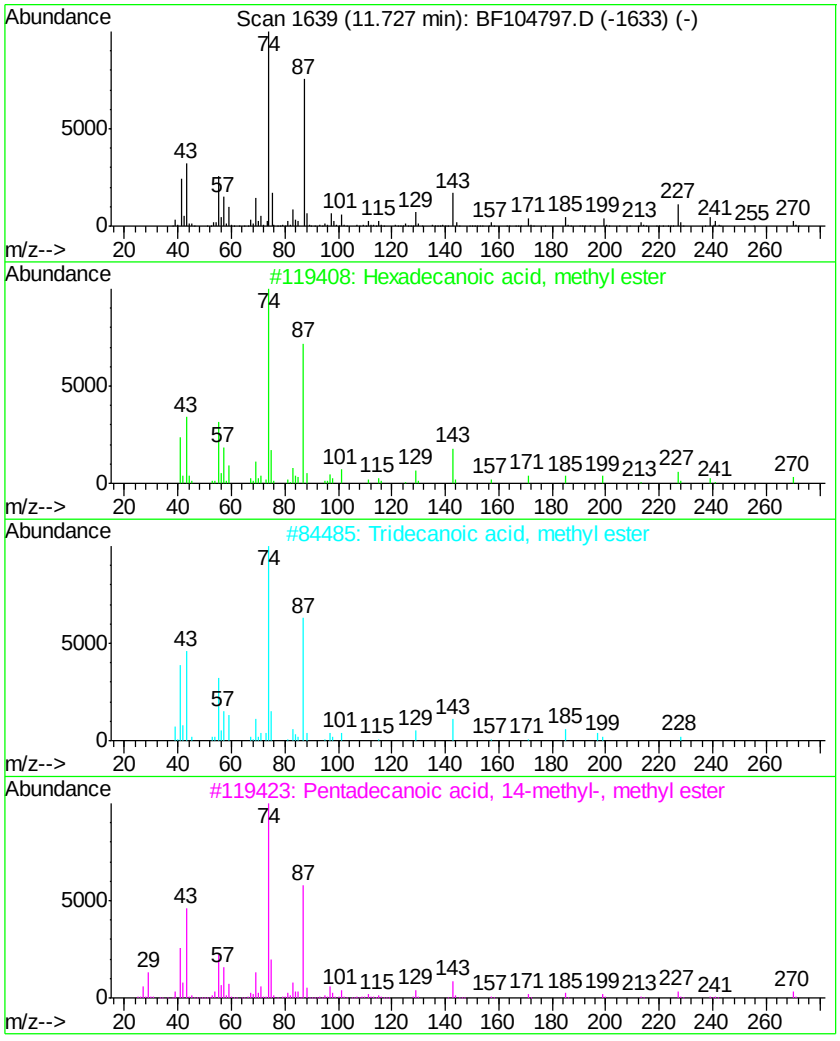
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

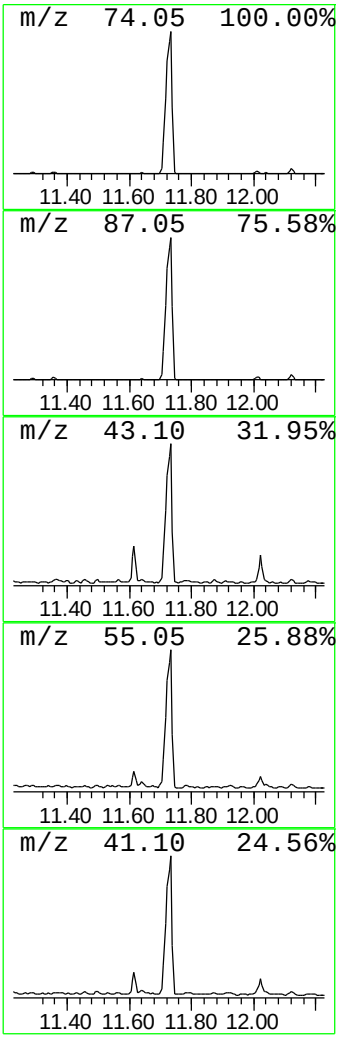
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	228.64 ng	8006710	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

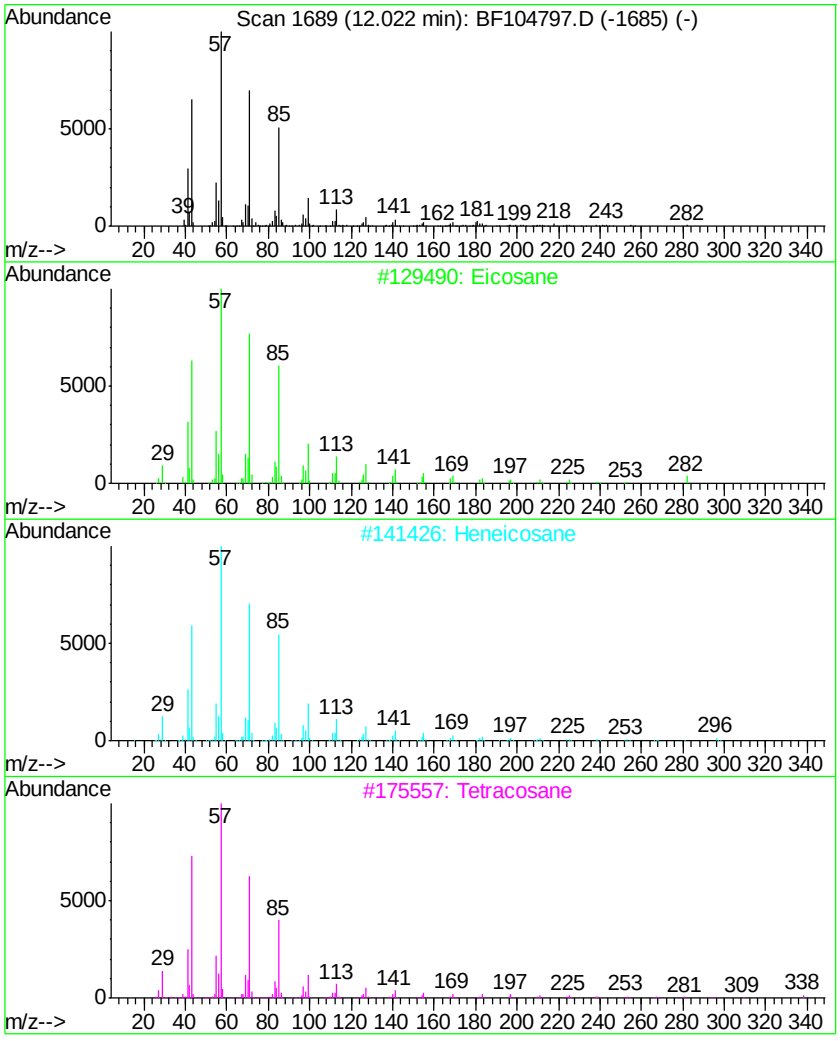
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

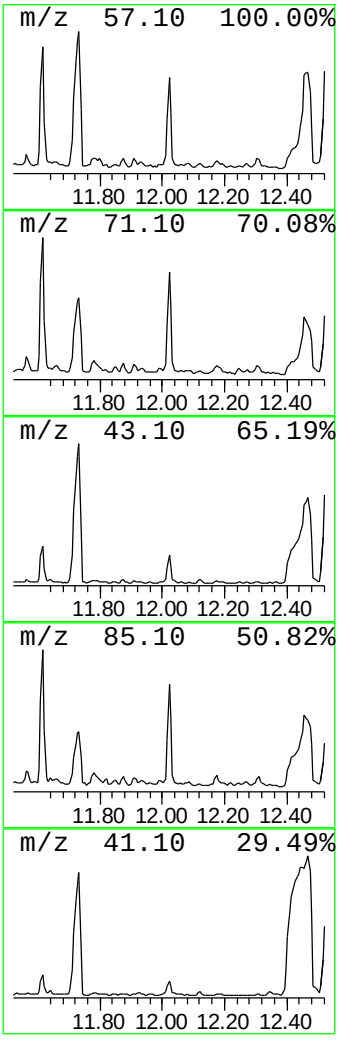
****

Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	18.06 ng	632393	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

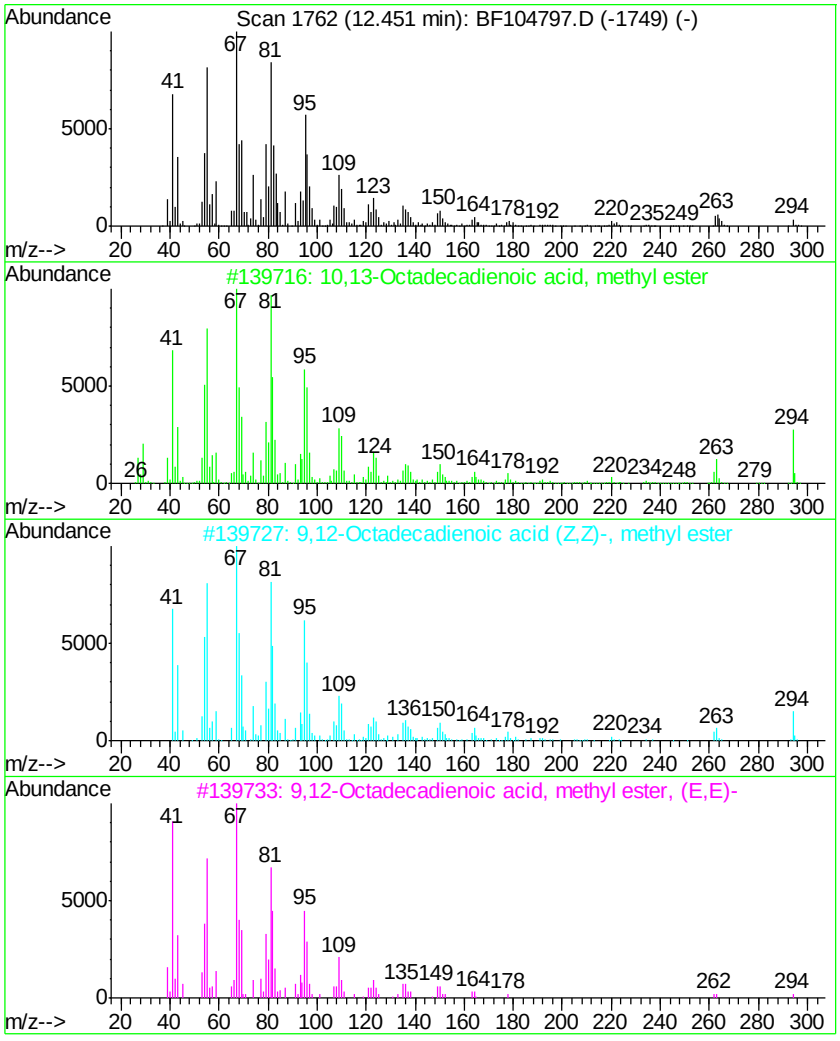
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

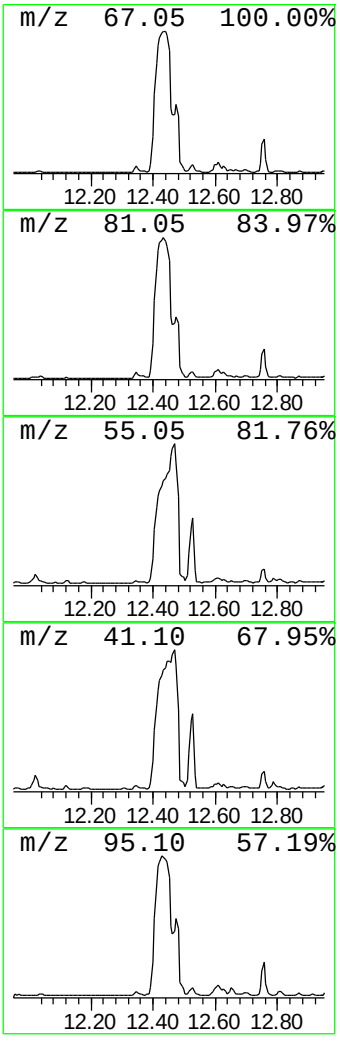
****

Peak Number 13 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	546.68 ng	19143600	Phenanthrene-d10	11.33

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

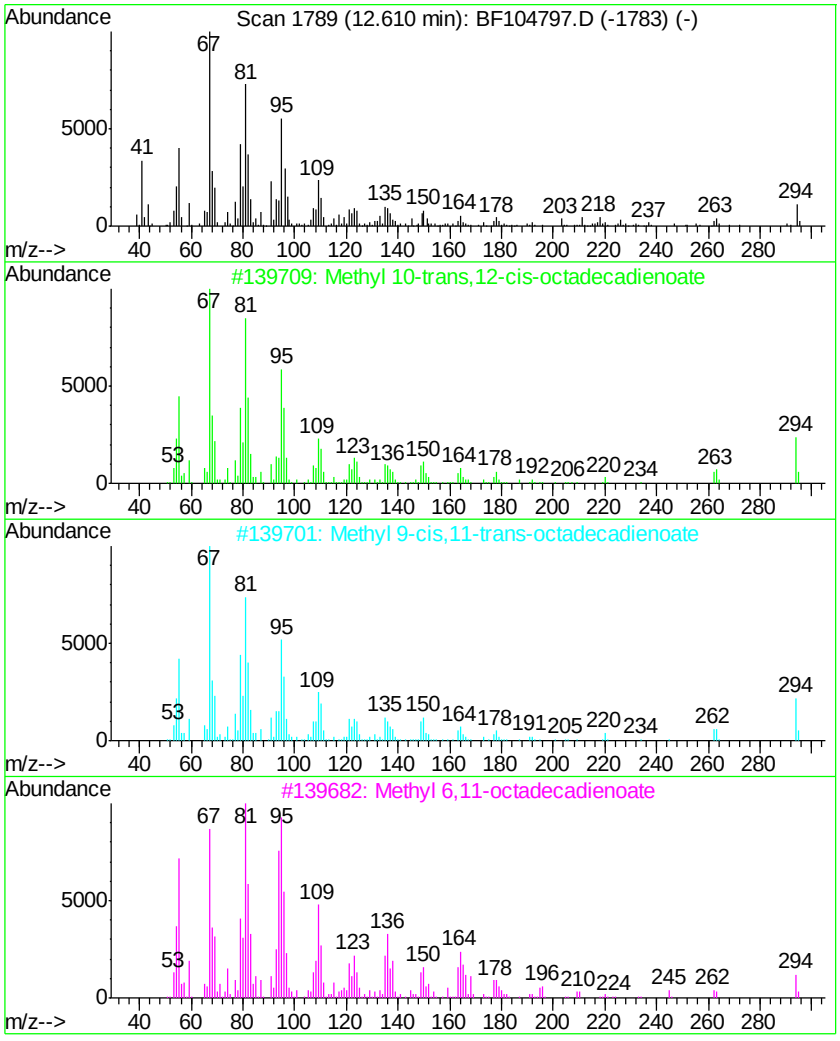
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

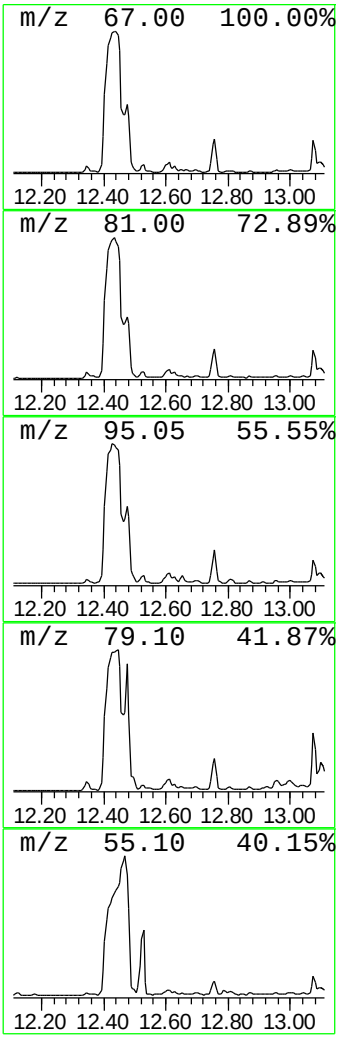
****

Peak Number 14 Methyl 10-trans,12-cis-octa... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	15.77 ng	552206	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
3	Methyl 6,11-octadecadienoate	294	C19H34O2	1000336-43-2	95
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

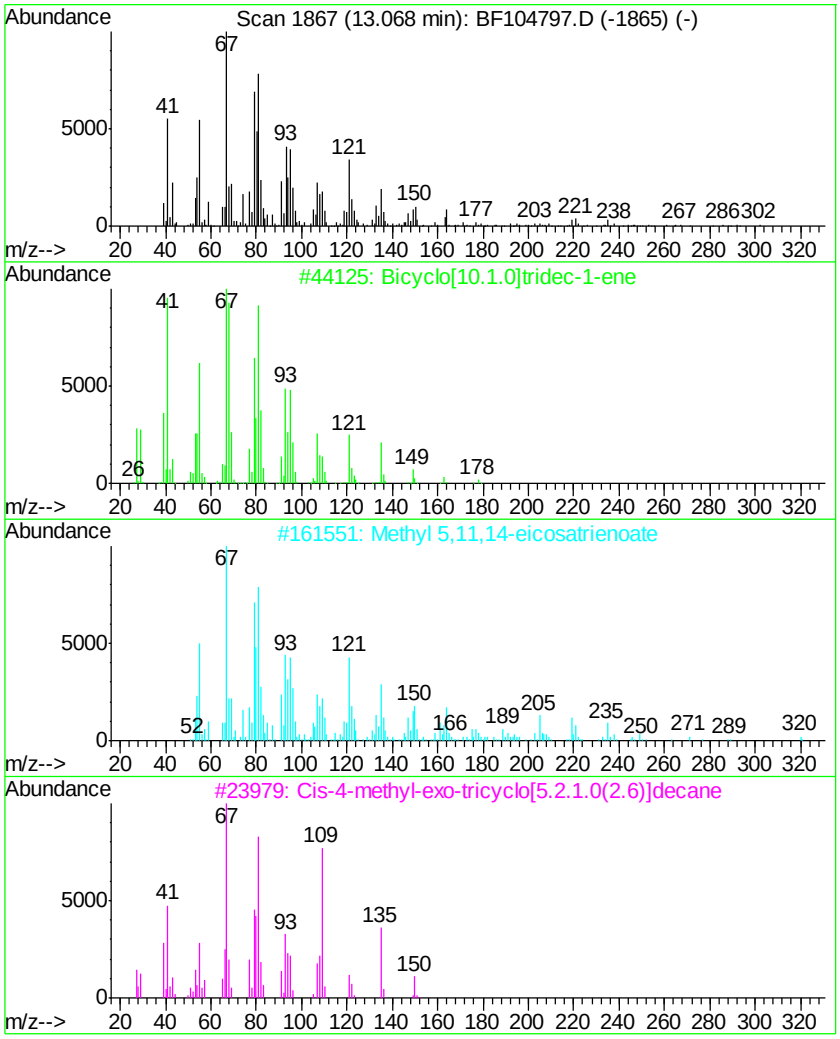
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

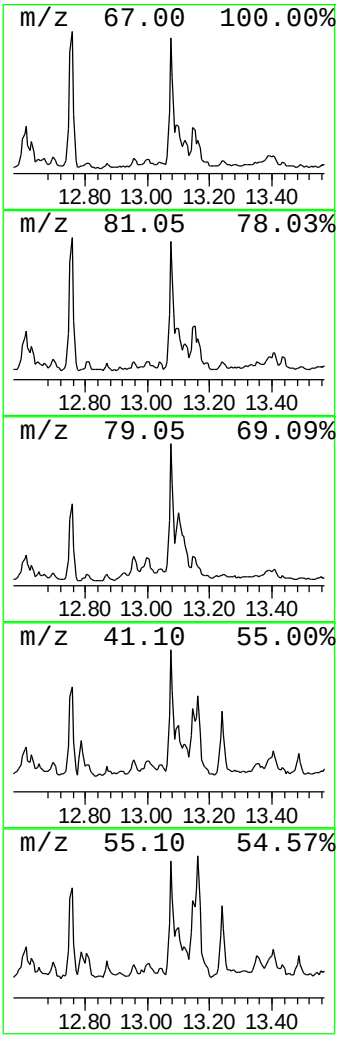
****

Peak Number 15 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	17.35 ng	1187400	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	95
2	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
3	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	83
4	cis-3-Methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-28-9	64
5	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

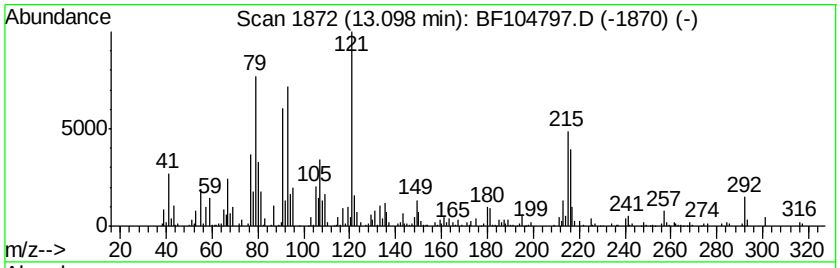
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

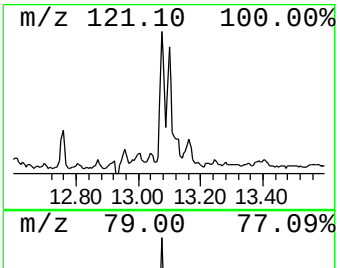
****

Peak Number 16 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	11.99 ng	820836	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-me...	216	C9H17BSe	1000158-32-0	62
2	trans-8-Isopropylbicyclo[4.3.0]n...	164	C12H20	1000145-85-2	50
3	Santolina triene	136	C10H16	002153-66-4	49
4	4-Tridecen-6-yne, (Z)-	178	C13H22	074744-42-6	35
5	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

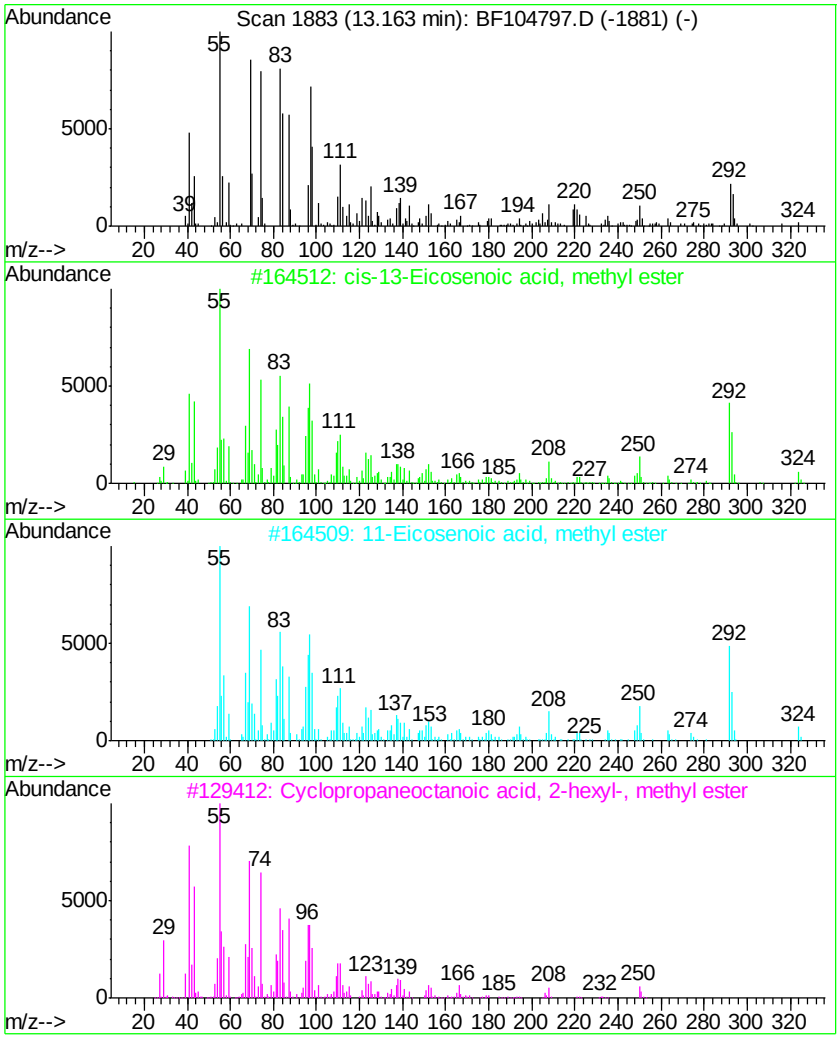
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

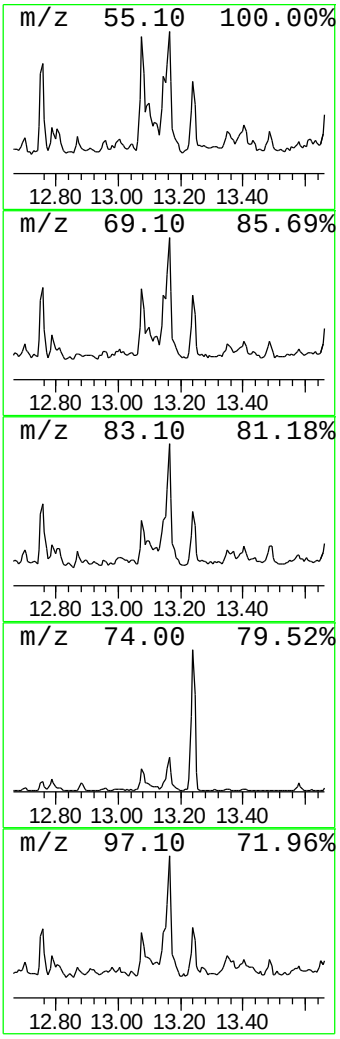
****

Peak Number 17 cis-13-Eicosenoic acid, met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	13.83 ng	946348	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	89
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	70
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	43
4	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	41
5	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

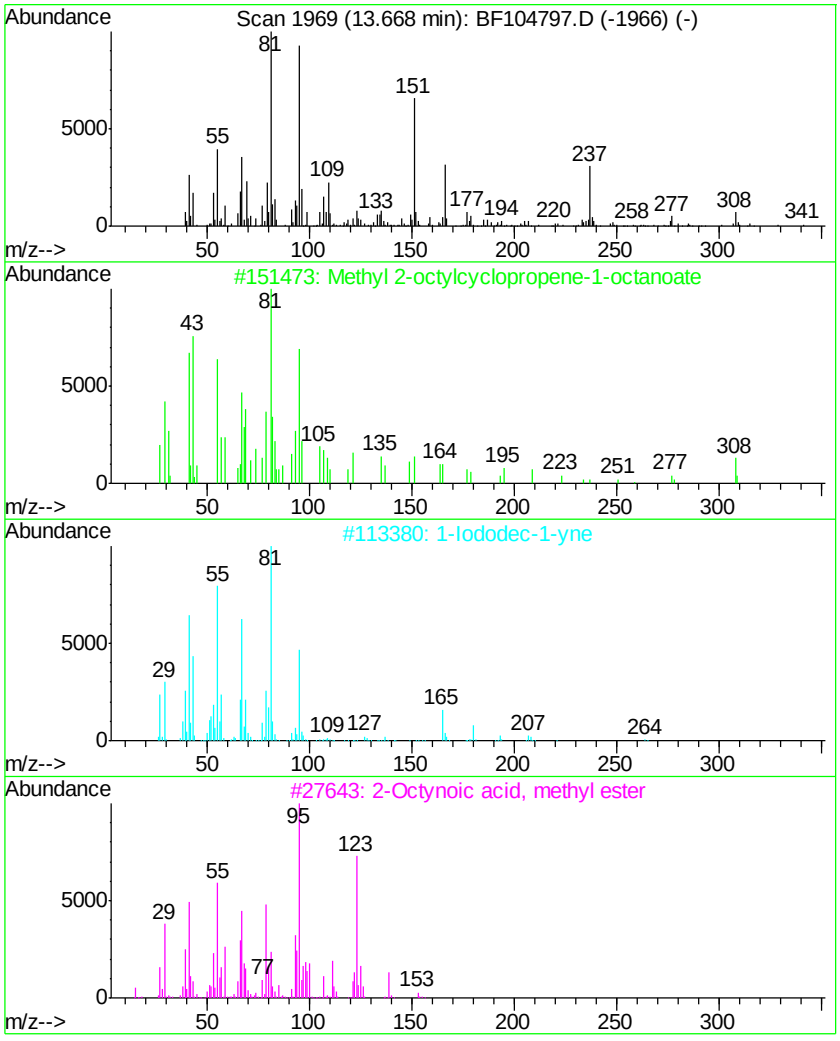
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

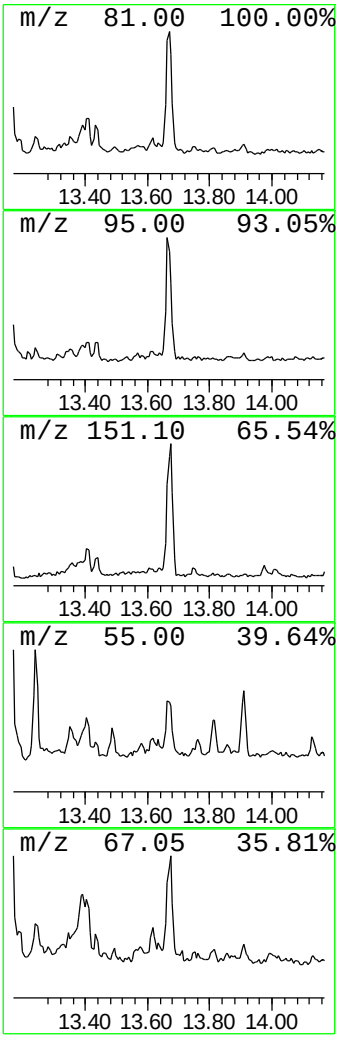
****

Peak Number 18 Methyl 2-octylcyclopropene-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.07 ng	620919	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	50
2	1-Iododec-1-yne	264	C10H17I	067826-81-7	49
3	2-Octynoic acid, methyl ester	154	C9H14O2	000111-12-6	30
4	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	30
5	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

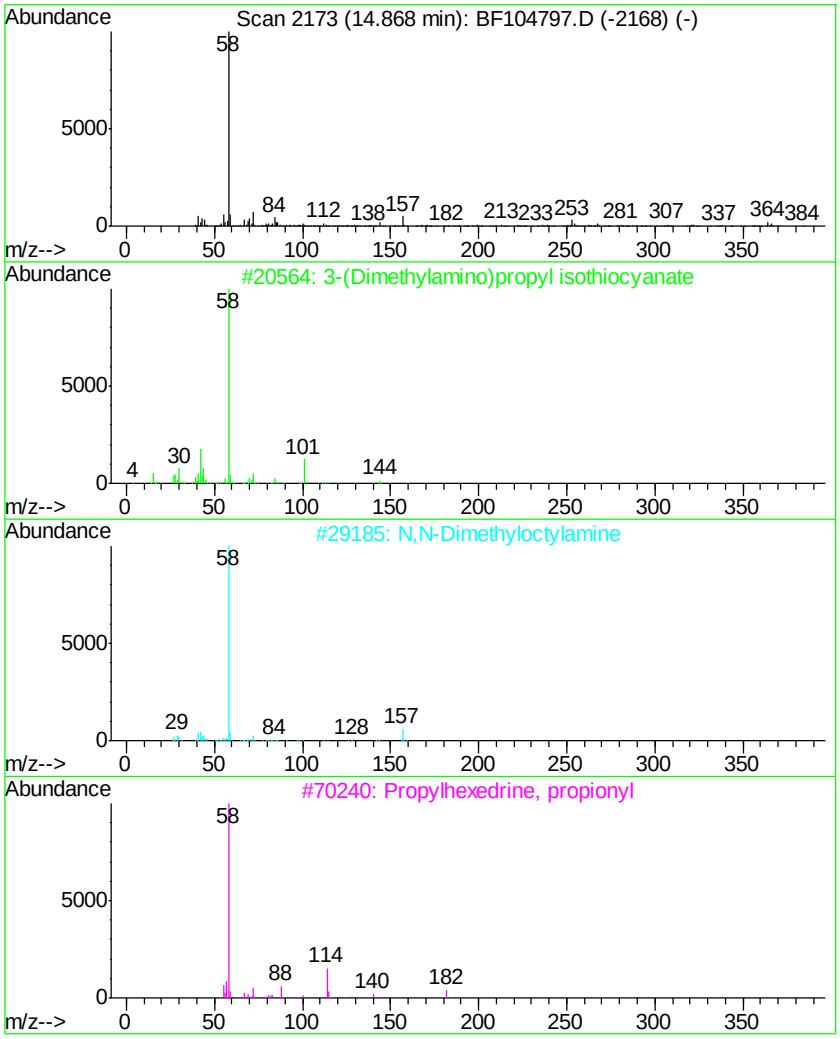
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

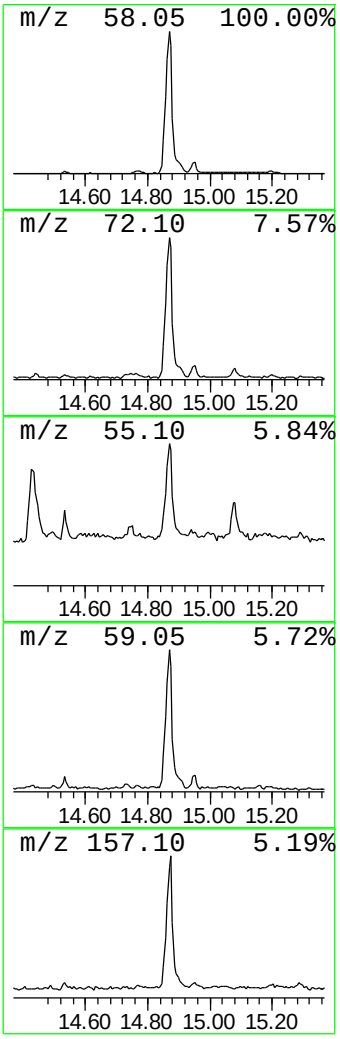
****

Peak Number 19 3-(Dimethylamino)propyl iso... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	64.51 ng	1584900	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	Propylhexedrine, propionyl	211	C13H25NO	1000123-85-9	64
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
5	Benzedrex	155	C10H21N	000101-40-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042518\
Data File : BF104797.D
Acq On : 25 Apr 2018 19:00
Operator : JU/SJ
Sample : J2156-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-042418

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.57	6.57	70.9	ng	2188600	1	6.80	617563	20.0
Tridecane	8.67	12.9	ng	538389	2	8.08	835001	20.0
Tetradecane	9.23	17.5	ng	810833	3	9.84	926306	20.0
Hexadecane	9.76	18.9	ng	874000	3	9.84	926306	20.0
Bacchotricuneatin c	10.48	11.9	ng	549883	3	9.84	926306	20.0
Heneicosane	10.74	38.2	ng	1338480	4	11.33	700365	20.0
Heptadecane	11.19	22.3	ng	781823	4	11.33	700365	20.0
Hexadecanoic acid...	11.73	228.6	ng	8006710	4	11.33	700365	20.0
Eicosane	12.02	18.1	ng	632393	4	11.33	700365	20.0
10,13-Octadecadie...	12.45	546.7	ng	19143600	4	11.33	700365	20.0
Methyl 10-trans,1...	12.61	15.8	ng	552206	4	11.33	700365	20.0
Bicyclo[10.1.0]tr...	13.07	17.4	ng	1187400	5	13.99	1368770	20.0
9-Borabicyclo[3.3...	13.10	12.0	ng	820836	5	13.99	1368770	20.0
cis-13-Eicosenoic...	13.16	13.8	ng	946348	5	13.99	1368770	20.0
Methyl 2-octylcyc...	13.67	9.1	ng	620919	5	13.99	1368770	20.0
3-(Dimethylamino)...	14.87	64.5	ng	1584900	6	15.46	491335	20.0