LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.198	16	19	30	rVB3	46179	79708	9.94%	0.827%
2	5.169	520	524	539	rBV	15074	26937	3.36%	0.279%
3	5.557	586	590	612	rBV	486269	651830	81.26%	6.762%
4	6.563	757	761	776	rBV	596986	726916	90.63%	7.540%
5	6.704	782	785	791	rBV	815555	724397	90.31%	7.514%
6	6.757	791	794	798	rVB	25186	23635	2.95%	0.245%
7	6.939	821	825	833	rBV	395102	361563	45.08%	3.751%
8	7.092	848	851	867	rVB	617815	553578	69.02%	5.742%
9	7.504	918	921	937	rBV	373371	460626	57.43%	4.778%
10	8.186	1032	1037	1039	rBV	7938	9446	1.18%	0.098%
11	8.222	1039	1043	1065	rVB	443621	503257	62.74%	5.220%
12	8.792	1134	1140	1145	rBV	17366	18107	2.26%	0.188%
13	9.292	1221	1225	1234	rBV	849231	802112	100.00%	8.321%
14	9.357	1234	1236	1242	rVB2	22929	25392	3.17%	0.263%
15	9.692	1287	1293	1299	rBV	95402	123487	15.40%	1.281%
16	9.845	1312	1319	1323	rBV3	4771	9145	1.14%	0.095%
17	9.892	1323	1327	1331	rVB	21351	22676	2.83%	0.235%
18	9.980	1338	1342	1347	rBV	536941	507311	63.25%	5.262%
19	10.386	1406	1411	1414	rBV	30252	25045	3.12%	0.260%
20	10.539	1434	1437	1443	rVB	10927	11958	1.49%	0.124%
21	10.604	1443	1448	1452	rBV3	11863	14887	1.86%	0.154%
22	10.774	1474	1477	1489	rBV	333292	364364	45.43%	3.780%
23	10.863	1489	1492	1496	rVB	28177	34147	4.26%	0.354%
24	11.310	1565	1568	1571	rBV	21114	20036	2.50%	0.208%
25	11.474	1593	1596	1599	rBV	479182	440023	54.86%	4.564%
26	11.498	1599	1600	1607	rVV	105069	85391	10.65%	0.886%
27	11.557	1607	1610	1619	rVB	23707	26229	3.27%	0.272%
28	11.739	1636	1641	1644	rVB2	19690	19239	2.40%	0.200%
29	11.839	1656	1658	1663	rVB	18228	15514	1.93%	0.161%
30	11.980	1679	1682	1685	rBV2	17241	18171	2.27%	0.188%
31	12.010	1685	1687	1692	rVB	11193	12770	1.59%	0.132%
32	12.098	1698	1702	1707	rBV2	19274	29745	3.71%	0.309%
33	12.145	1707	1710	1713	rVB	16545	13766	1.72%	0.143%
34	12.527	1772	1775	1777	rBV2	49485	44603	5.56%	0.463%

LSC Area Percent Report

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Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.551	1777	1779	1781	rVB2	41701	33319	4.15%	0.346%
36	12.633	1790	1793	1798	rVB3	12272	10424	1.30%	0.108%
37	12.698	1800	1804	1809	rBV	153309	154804	19.30%	1.606%
38	12.845	1824	1829	1834	rBV3	4971	8566	1.07%	0.089%
39	12.904	1836	1839	1841	rVV2	33697	39334	4.90%	0.408%
40	12.927	1841	1843	1848	rVV	146948	131309	16.37%	1.362%
41	12.974	1848	1851	1855	rVB2	8503	9737	1.21%	0.101%
42	13.057	1861	1865	1868	rBV	639222	581942	72.55%	6.037%
43	13.145	1876	1880	1886	rVB3	8095	14826	1.85%	0.154%
44	13.257	1891	1899	1904	rBV2	32024	43576	5.43%	0.452%
45	13.321	1907	1910	1913	rBV	19565	17611	2.20%	0.183%
46	13.362	1913	1917	1919	rBV3	11993	14018	1.75%	0.145%
47	13.457	1930	1933	1935	rBV	9098	10438	1.30%	0.108%
48	13.604	1955	1958	1960	rBV	11275	9046	1.13%	0.094%
49	13.880	1999	2005	2007	rBV	16423	18789	2.34%	0.195%
50	13.933	2011	2014	2020	rVV3	61912	90899	11.33%	0.943%
51	13.986	2020	2023	2027	rVB3	9536	13920	1.74%	0.144%
52	14.127	2041	2047	2050	rBV2	491658	533646	66.53%	5.536%
53	14.151	2050	2051	2057	rVB	79504	63330	7.90%	0.657%
54	14.245	2063	2067	2071	rVB2	28505	36683	4.57%	0.381%
55	14.292	2071	2075	2079	rBV5	9813	13033	1.62%	0.135%
56	14.515	2108	2113	2116	rBV	18454	23192	2.89%	0.241%
57	14.551	2116	2119	2122	rBV2	41414	40841	5.09%	0.424%
58	14.645	2132	2135	2137	rBV2	14068	12287	1.53%	0.127%
59	14.709	2143	2146	2150	rVB5	10941	17943	2.24%	0.186%
60	14.868	2169	2173	2178	rVB	48367	48318	6.02%	0.501%
61	14.945	2184	2186	2193	rVB8	11202	15457	1.93%	0.160%
62	15.215	2226	2232	2238	rBV2	83135	169283	21.10%	1.756%
63	15.315	2246	2249	2252	rVB	13439	13988	1.74%	0.145%
64	15.521	2280	2284	2287	rBV2	32638	40366	5.03%	0.419%
65	15.592	2292	2296	2297	rBV	49109	51586	6.43%	0.535%
66	15.656	2302	2307	2312	rBV	209212	264791	33.01%	2.747%
67	15.762	2321	2325	2330	rVB7	16771	24945	3.11%	0.259%
68	16.062	2371	2376	2381	rVB2	37688	57698	7.19%	0.599%
69	16.350	2422	2425	2432	rVB7	19636	34755	4.33%	0.361%
70	16.592	2461	2466	2471	rBV3	21844	37242	4.64%	0.386%
71	16.798	2496	2501	2506	rBV6	16625	27925	3.48%	0.290%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.233	2566	2575	2583	rVB6	18284	61254	7.64%	0.635%
73	17.409	2600	2605	2610	rVV6	13060	25469	3.18%	0.264%
74	17.480	2614	2617	2624	rVB9	9276	17559	2.19%	0.182%

Sum of corrected areas: 9640160

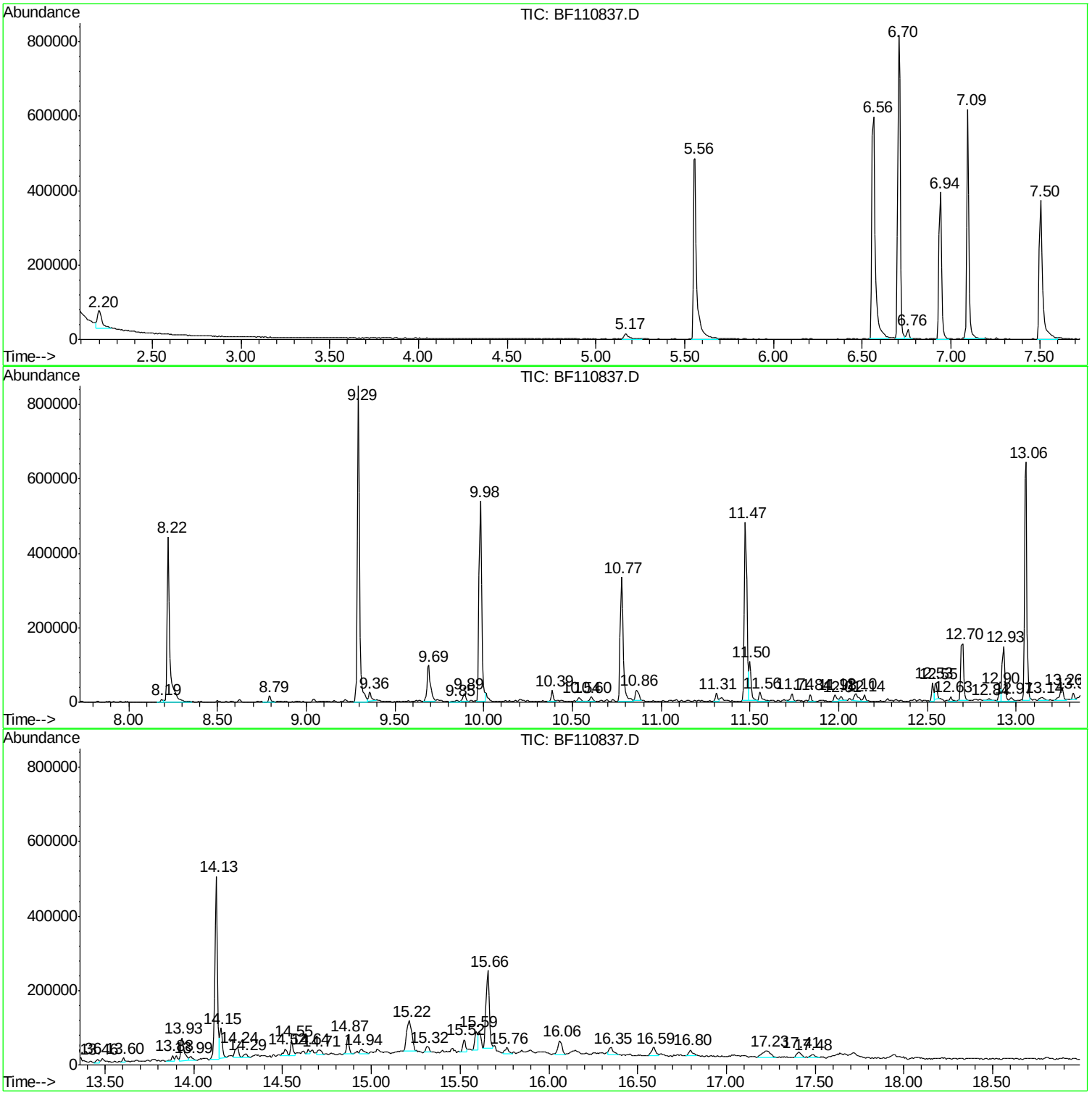
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

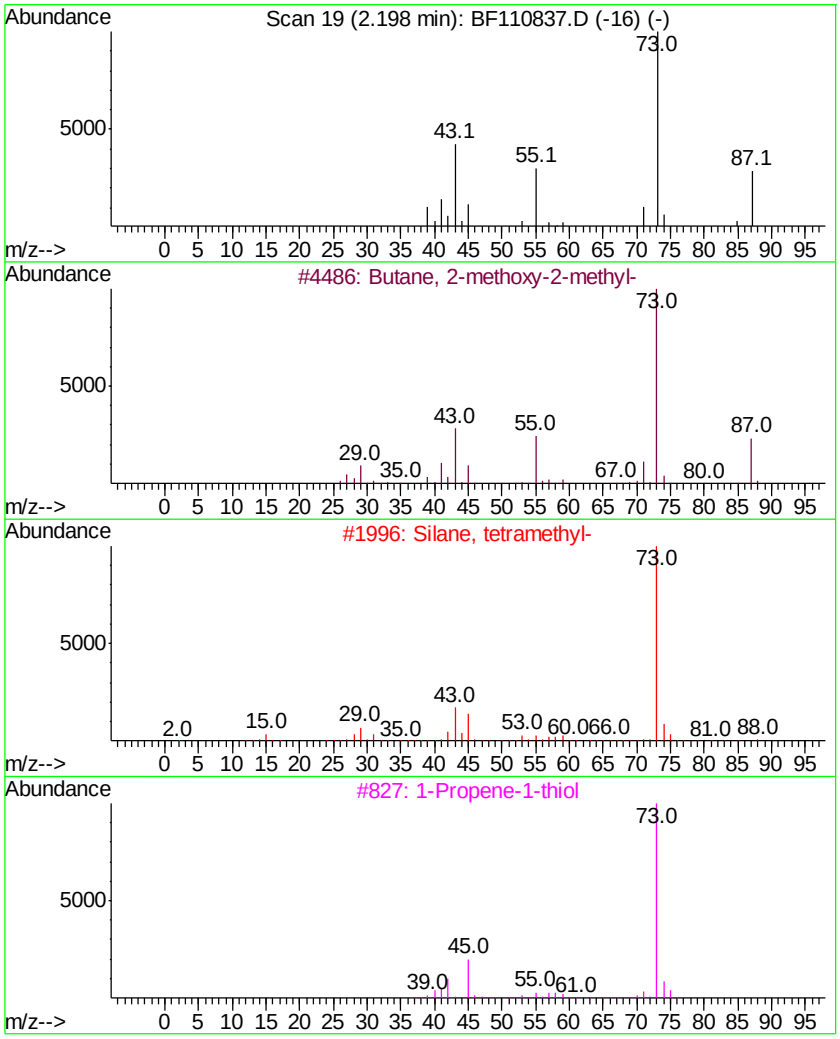
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

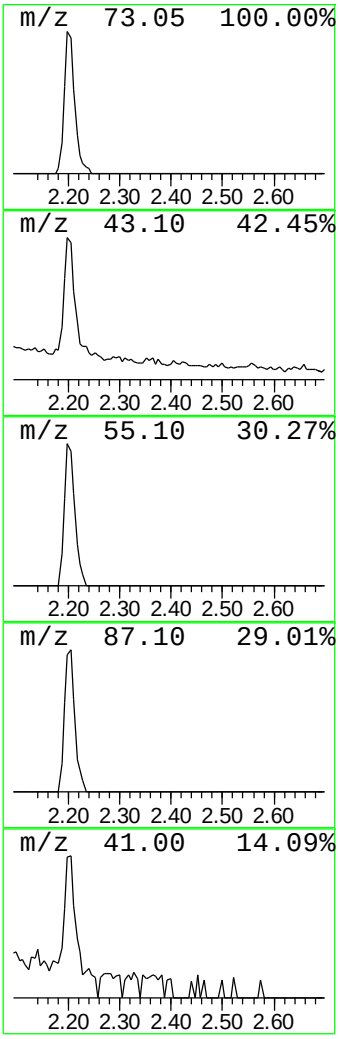
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	4.41 ng	79708	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

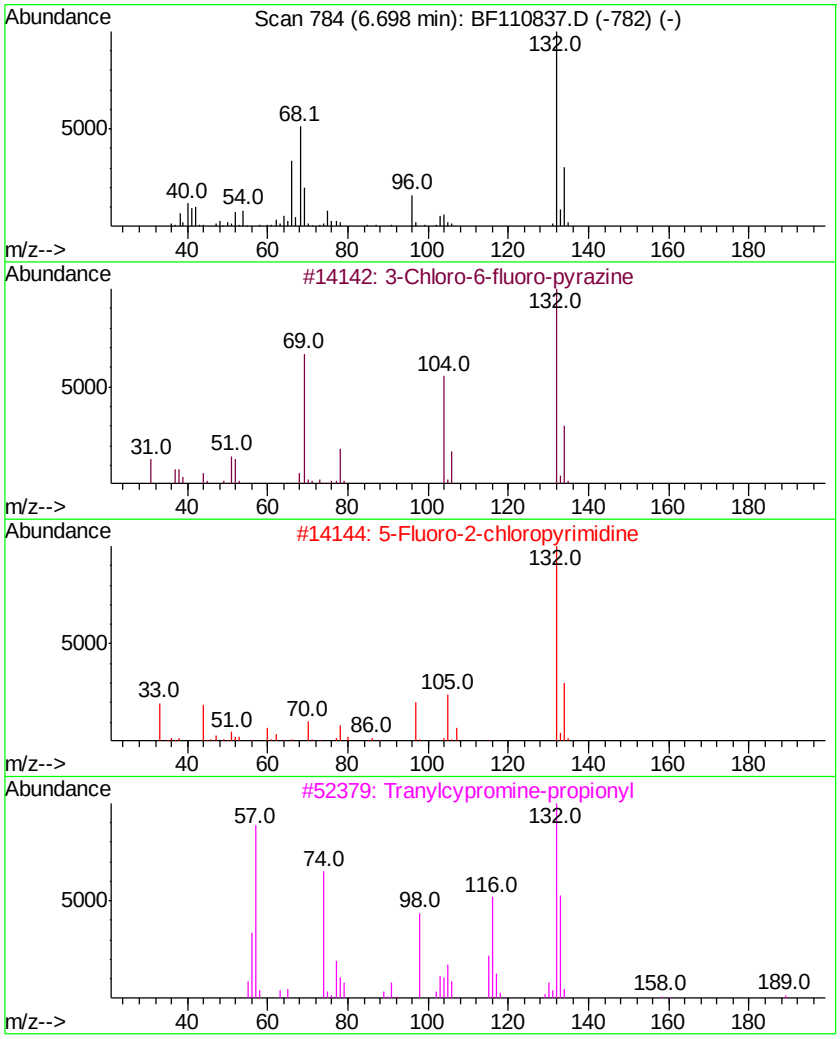
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

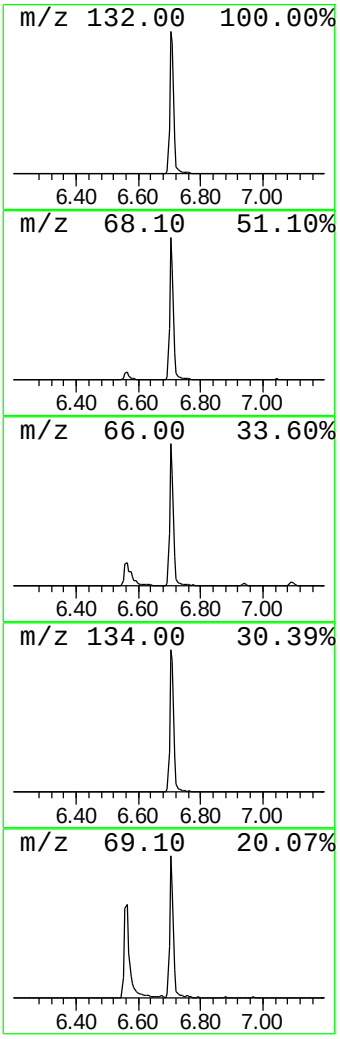
****

Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	40.07 ng	724397	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

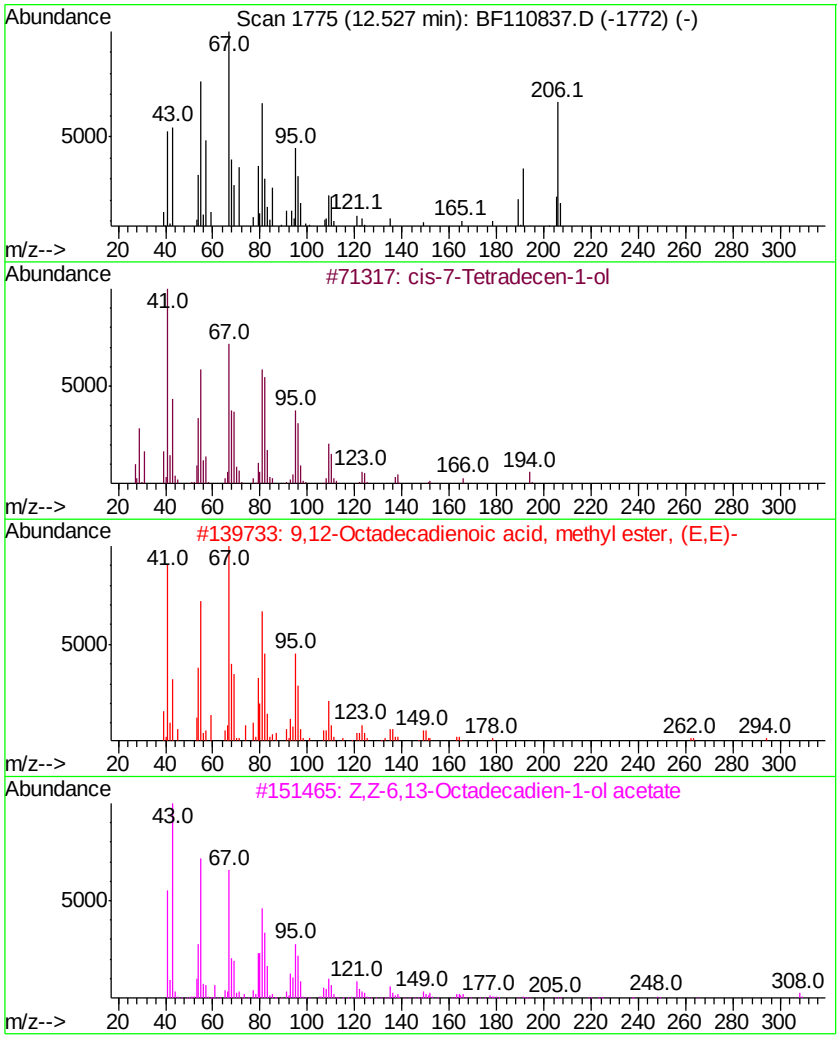
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

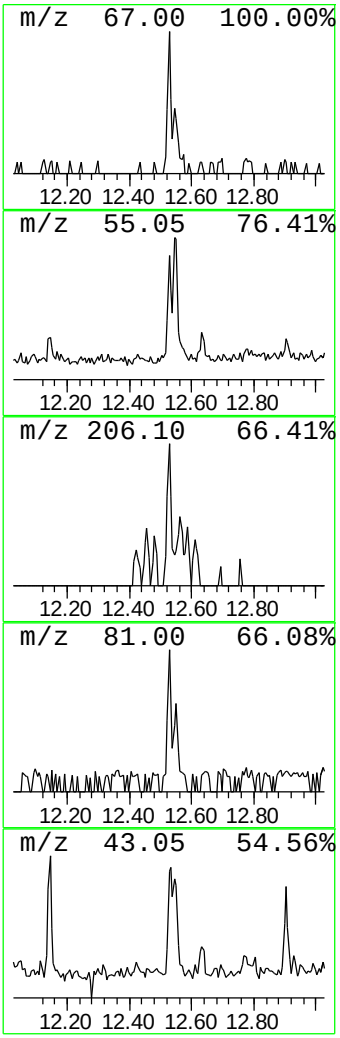
****

Peak Number 4 unknown12.53 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.03 ng	44603	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Tetradecen-1-ol	212	C14H28O	040642-43-1	49
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	43
3	Z,Z-6,13-Octadecadien-1-ol acetate	308	C20H36O2	1000131-07-0	43
4	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	43
5	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

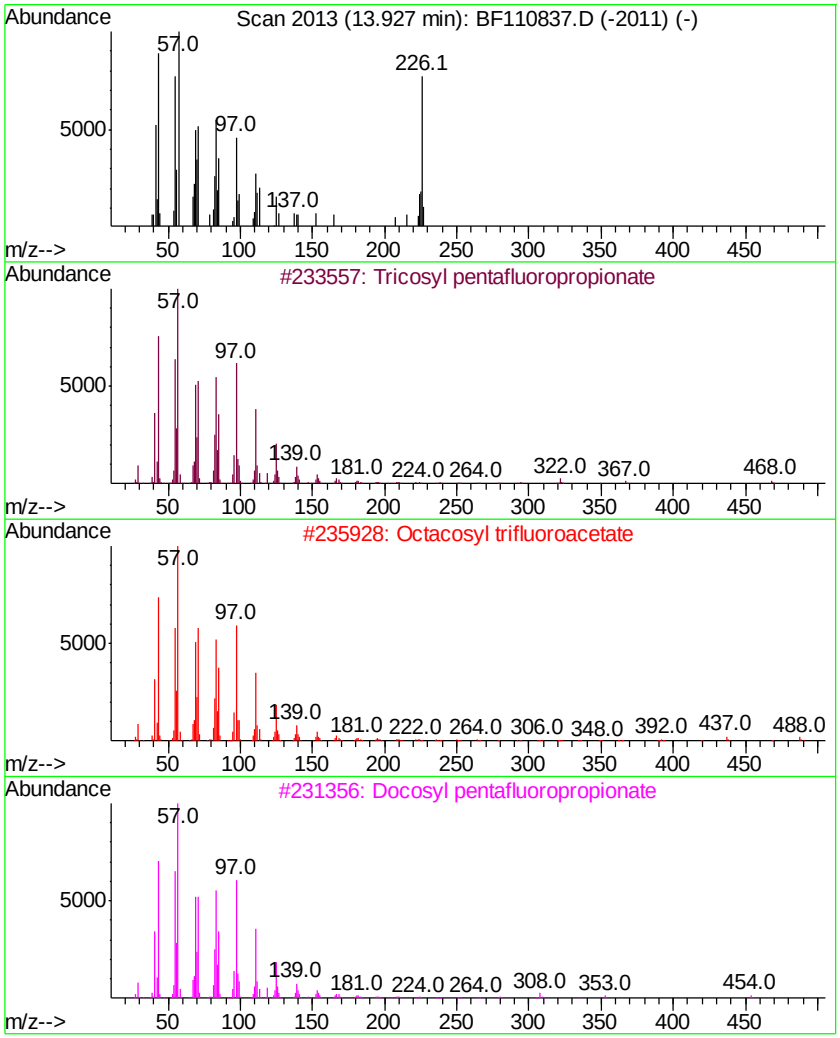
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

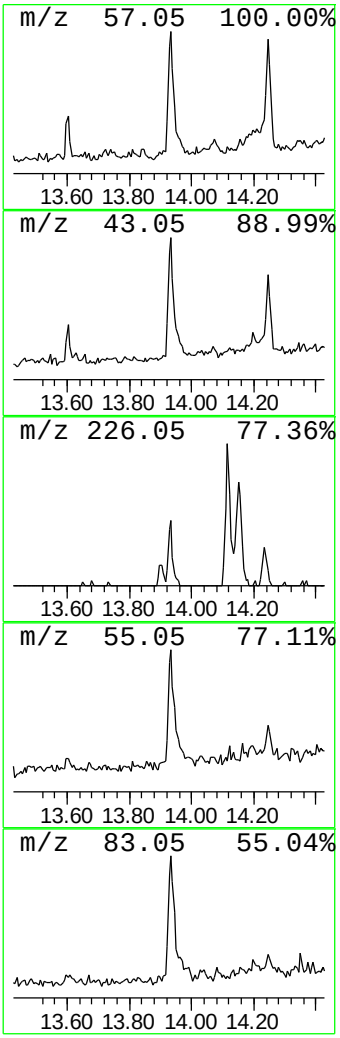
****

Peak Number 5 Tricosyl pentafluoropropionate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.41 ng	90899	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	55
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	55
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	55
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	55
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

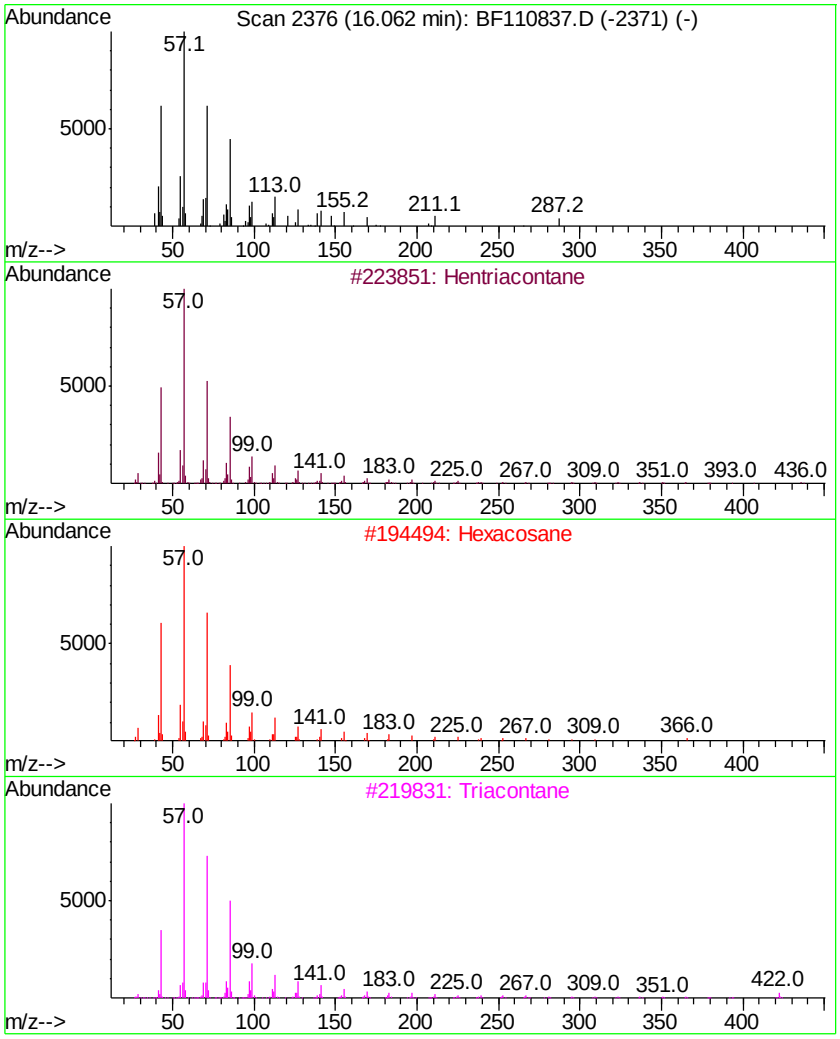
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

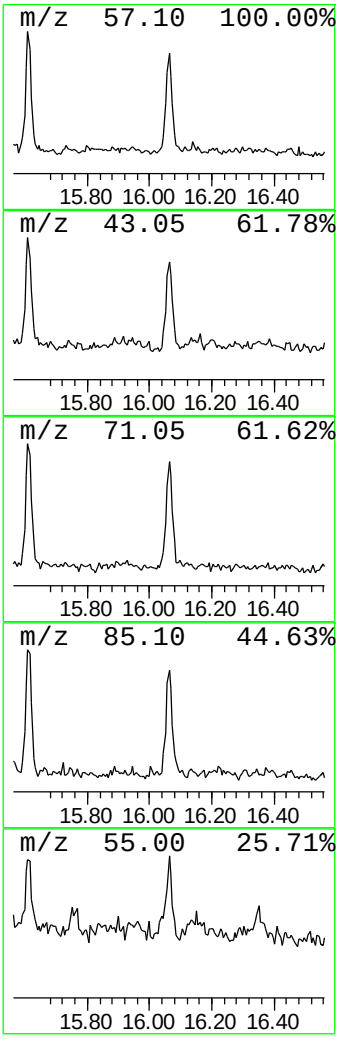
****

Peak Number 7 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.36 ng	57698	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Pentacosane	352	C25H52	000629-99-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

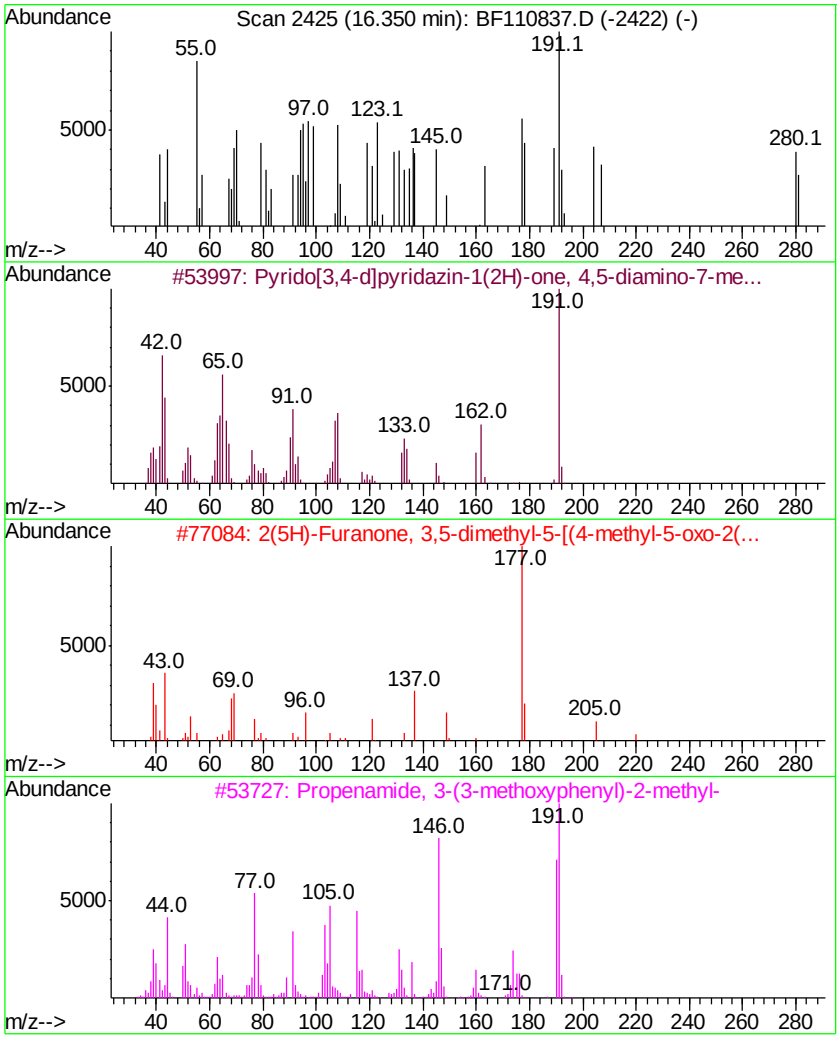
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

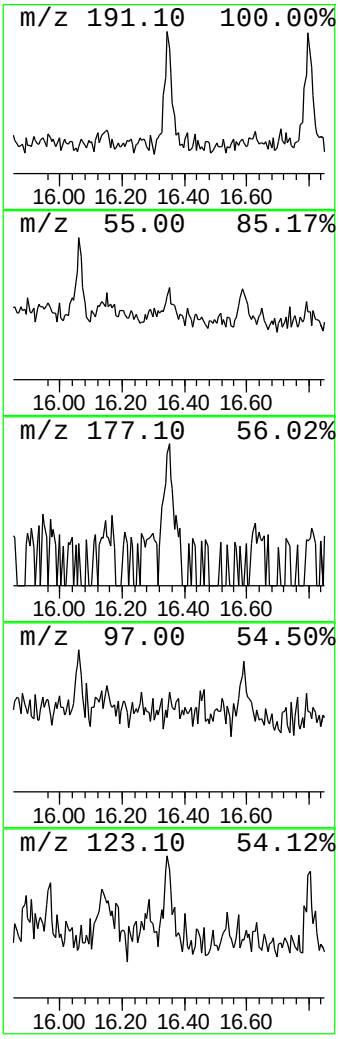
****

Peak Number 8 unknown16.35 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.63 ng	34755	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	11
2	2(5H)-Furanone, 3,5-dimethyl-5-[...	220	C12H12O4	041763-40-0	10
3	Propenamide, 3-(3-methoxyphenyl)...	191	C11H13NO2	1000259-85-9	10
4	3-Methyl-2-thioxo-1,2-dihydro-3H...	191	C9H9N3S	121361-81-7	10
5	[1,3]Dioxolo[4,5-g]quinolin-6(5H...	191	C10H9NO3	1000362-65-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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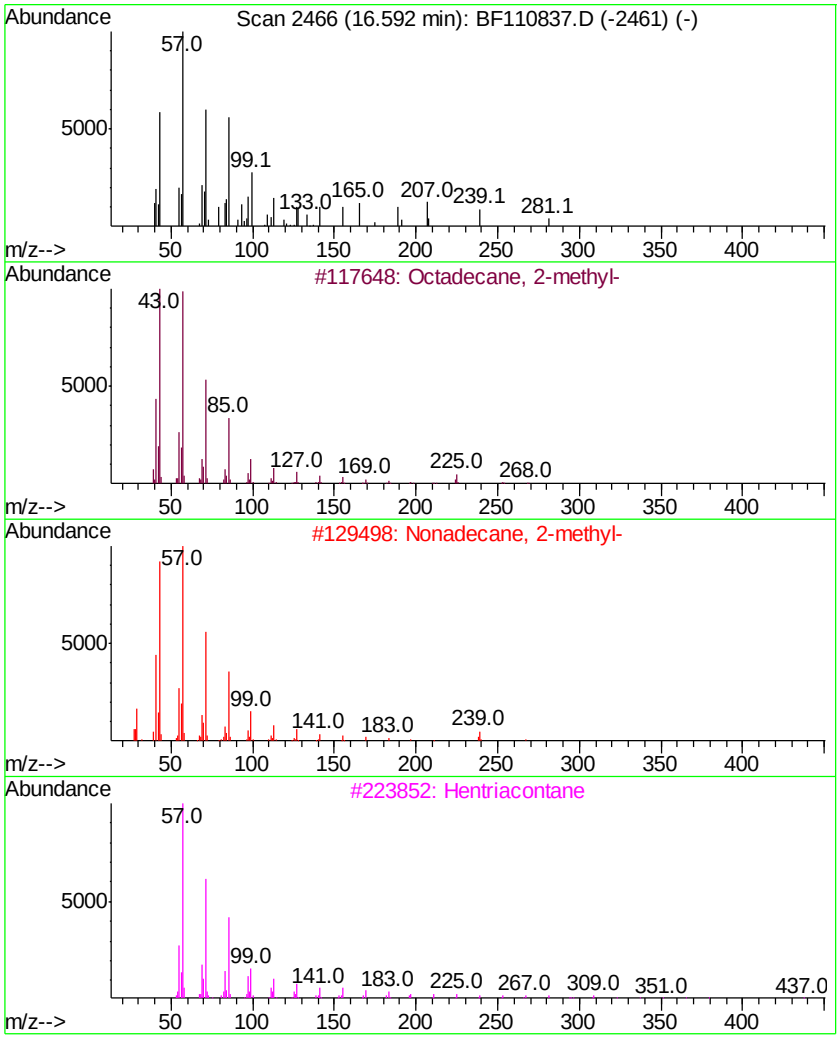
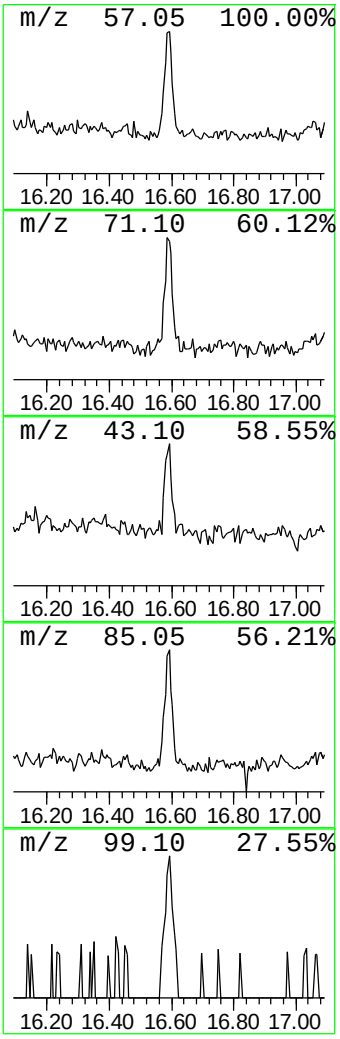
Peak Number 9 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.81 ng	37242	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	59
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	59
3	Hentriacontane	437	C31H64	000630-04-6	53
4	Pentacosane	352	C25H52	000629-99-2	53
5	Tetracosane	338	C24H50	000646-31-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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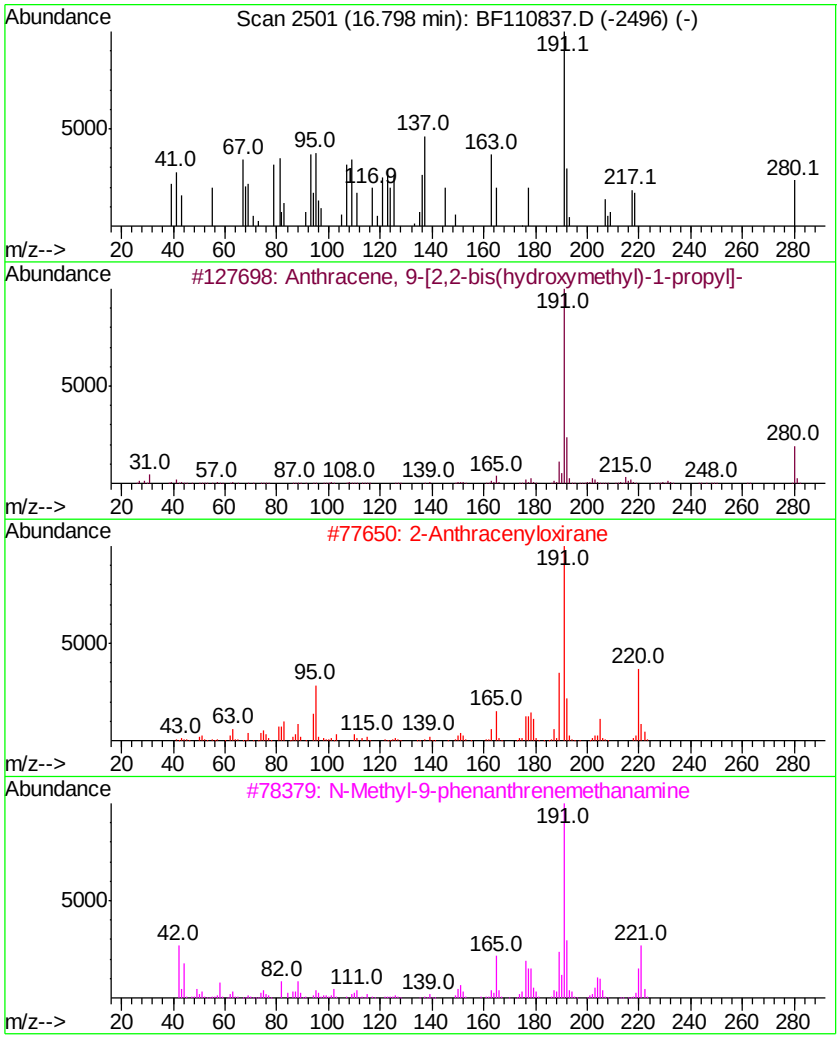
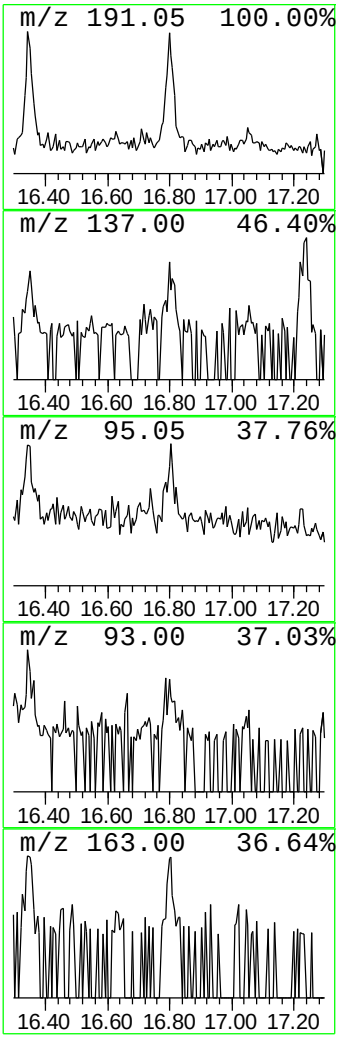
Peak Number 10 unknown16.80 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.11 ng	27925	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	38
2	2-Anthracenyloxirane	220	C16H12O	052643-86-4	35
3	N-Methyl-9-phenanthrenemethanamine	221	C16H15N	076532-36-0	32
4	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	27
5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110837.D
Acq On : 17 Nov 2018 1:32
Operator : JU/SJ
Sample : J5970-01 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	4.4	ng	79708	1	6.94	361563	20.0
unknown6.70	6.70	40.1	ng	724397	1	6.94	361563	20.0
unknown12.53	12.53	2.0	ng	44603	4	11.47	440023	20.0
Tricosyl pentaflu...	13.93	3.4	ng	90899	5	14.13	533646	20.0
Hentriacontane	16.06	4.4	ng	57698	6	15.66	264791	20.0
unknown16.35	16.35	2.6	ng	34755	6	15.66	264791	20.0
Octadecane, 2-met...	16.59	2.8	ng	37242	6	15.66	264791	20.0
unknown16.80	16.80	2.1	ng	27925	6	15.66	264791	20.0