LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

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-BF010719.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	2.157	9	12	28	rVB3	77938	170964	3.83%	0.565%
2	5.098	508	512	519	rBV	52881	55740	1.25%	0.184%
3	5.522	580	584	599	rVB	1218907	1078321	24.13%	3.564%
4	6.528	751	755	769	rBV	1182640	1035018	23.16%	3.421%
5	6.663	774	778	782	rBV	1451440	1175137	26.30%	3.884%
6	6.886	813	816	820	rBV	742829	676820	15.15%	2.237%
7	7.045	839	843	847	rBV	1081825	849365	19.01%	2.807%
8	7.445	907	911	914	rBV	815774	687632	15.39%	2.273%
9	8.169	1029	1034	1038	rBV	845922	794333	17.77%	2.626%
10	9.245	1213	1217	1220	rBV	1319750	1027443	22.99%	3.396%
11	9.327	1228	1231	1237	rVB2	57689	51518	1.15%	0.170%
12	9.633	1281	1283	1288	rBV2	78260	88283	1.98%	0.292%
13	9.786	1306	1309	1314	rBV	45865	47345	1.06%	0.156%
14	9.857	1318	1321	1324	rVB	77921	61346	1.37%	0.203%
15	9.927	1329	1333	1337	rVV2	964952	787784	17.63%	2.604%
16	10.357	1404	1406	1409	rVB	93084	66865	1.50%	0.221%
17	10.474	1422	1426	1431	rBV	55577	61106	1.37%	0.202%
18	10.580	1439	1444	1450	rBV2	37507	55001	1.23%	0.182%
19	10.716	1462	1467	1471	rBV	982614	823922	18.44%	2.723%
20	10.827	1481	1486	1492	rBV2	90068	142653	3.19%	0.472%
21	11.280	1559	1563	1565	rBV	83073	79299	1.77%	0.262%
22	11.310	1565	1568	1574	rVB	69215	72257	1.62%	0.239%
23	11.416	1582	1586	1588	rBV	1066885	953037	21.33%	3.150%
24	11.439	1588	1590	1593	rVV	395710	310182	6.94%	1.025%
25	11.486	1596	1598	1601	rVB	102490	90130	2.02%	0.298%
26	11.704	1632	1635	1637	rBV	92554	71262	1.59%	0.236%
27	11.804	1648	1652	1655	rBV	1758989	1361038	30.46%	4.499%
28	11.915	1668	1671	1672	rBV	58835	49760	1.11%	0.164%
29	11.939	1672	1675	1681	rVB2	183107	215263	4.82%	0.712%
30	12.027	1687	1690	1692	rBV	119045	110010	2.46%	0.364%
31	12.051	1692	1694	1698	rVB	53268	47953	1.07%	0.159%
32	12.115	1702	1705	1709	rVB	61265	64714	1.45%	0.214%
33	12.210	1718	1721	1723	rBV	64765	54495	1.22%	0.180%
34	12.492	1765	1769	1771	rBV	4816206	4468917	100.00%	14.771%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.515	1771	1773	1779	rVV	4812022	4023997	90.04%	13.301%
36	12.598	1783	1787	1789	rBV	739603	634426	14.20%	2.097%
37	12.627	1789	1792	1797	rVV	642176	573409	12.83%	1.895%
38	12.674	1798	1800	1804	rVB5	61635	67315	1.51%	0.223%
39	12.833	1824	1827	1829	rBV3	133857	163299	3.65%	0.540%
40	12.857	1829	1831	1837	rVB	492733	456045	10.20%	1.507%
41	12.998	1851	1855	1858	rBV	1311628	1093639	24.47%	3.615%
42	13.080	1865	1869	1870	rBV3	39766	52807	1.18%	0.175%
43	13.157	1879	1882	1884	rBV2	114682	121408	2.72%	0.401%
44	13.186	1884	1887	1891	rVB	140963	128559	2.88%	0.425%
45	13.245	1895	1897	1902	rVB2	120787	130034	2.91%	0.430%
46	13.292	1902	1905	1907	rBV2	128066	169366	3.79%	0.560%
47	13.321	1907	1910	1912	rBV	92056	84881	1.90%	0.281%
48	13.380	1918	1920	1923	rBV	86796	64927	1.45%	0.215%
49	13.568	1950	1952	1954	rBV	45213	51083	1.14%	0.169%
50	13.804	1988	1992	1995	rBV3	74936	115675	2.59%	0.382%
51	13.833	1995	1997	1999	rBV	70617	49812	1.11%	0.165%
52	13.892	2004	2007	2010	rBV2	181749	258946	5.79%	0.856%
53	14.057	2030	2035	2037	rBV2	1241460	1288262	28.83%	4.258%
54	14.080	2037	2039	2042	rVB	256582	190593	4.26%	0.630%
55	14.515	2112	2113	2116	rVB2	112417	79116	1.77%	0.262%
56	15.033	2199	2201	2206	rVB5	99565	140661	3.15%	0.465%
57	15.104	2209	2213	2217	rBV	167990	338677	7.58%	1.119%
58	15.133	2217	2218	2221	rBV2	115672	90118	2.02%	0.298%
59	15.474	2273	2276	2282	rVB	154614	240973	5.39%	0.797%
60	15.539	2283	2287	2297	rVB	493275	749089	16.76%	2.476%
61	15.951	2355	2357	2358	rBV2	103424	72875	1.63%	0.241%
62	16.892	2514	2517	2519	rBV2	119237	142664	3.19%	0.472%
63	17.297	2584	2586	2588	rBV2	67196	54405	1.22%	0.180%
64	17.374	2594	2599	2608	rBV2	116195	433110	9.69%	1.432%
65	17.627	2640	2642	2646	rVB4	57156	66566	1.49%	0.220%
66	17.774	2665	2667	2672	rVB5	75155	61507	1.38%	0.203%
67	17.886	2684	2686	2690	rVB5	61914	71340	1.60%	0.236%
68	18.150	2729	2731	2734	rBV4	59847	55308	1.24%	0.183%
69	18.174	2734	2735	2743	rVB8	60678	74308	1.66%	0.246%
70	18.233	2743	2745	2748	rBV3	112143	179593	4.02%	0.594%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 30253706

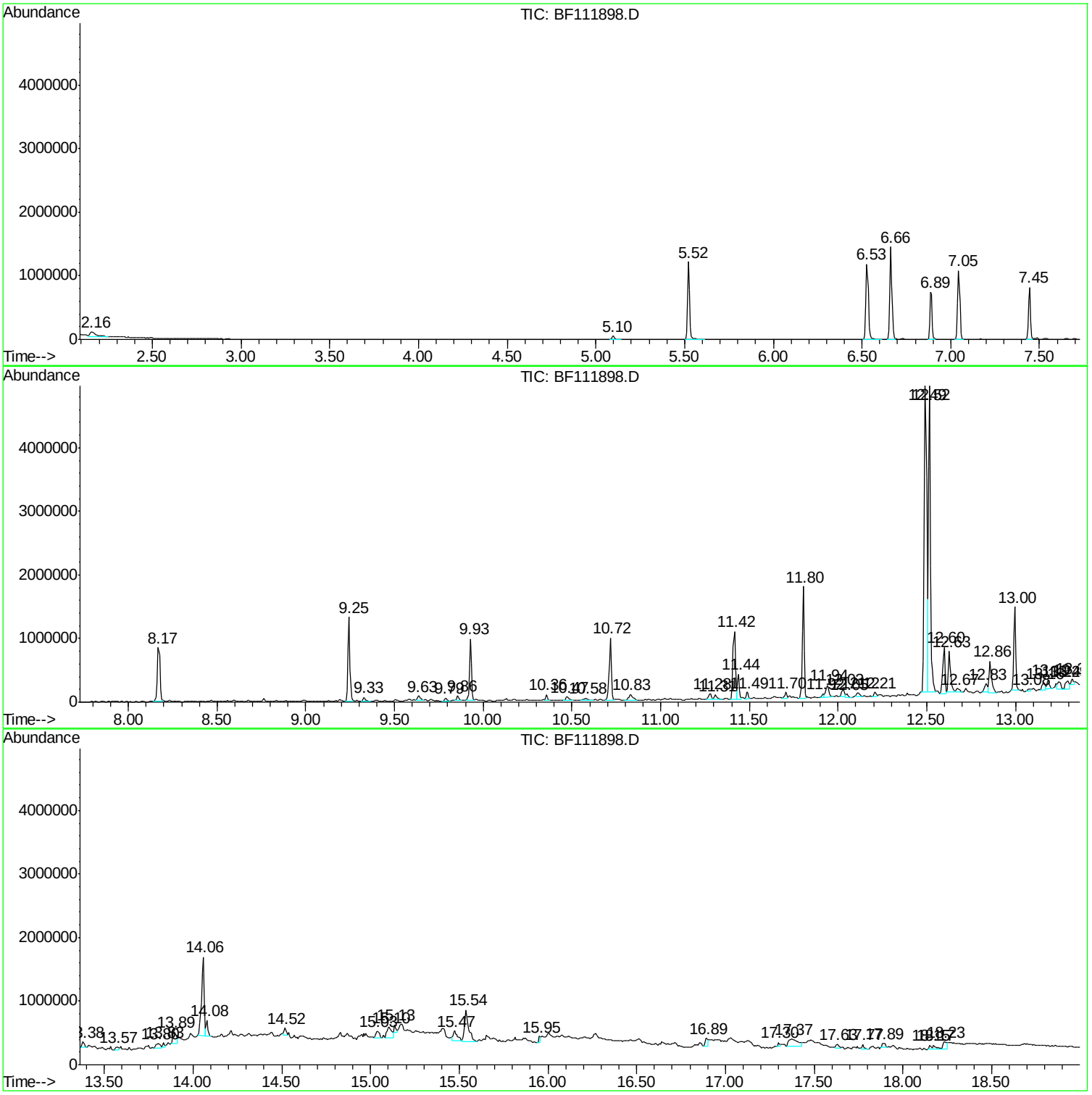
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

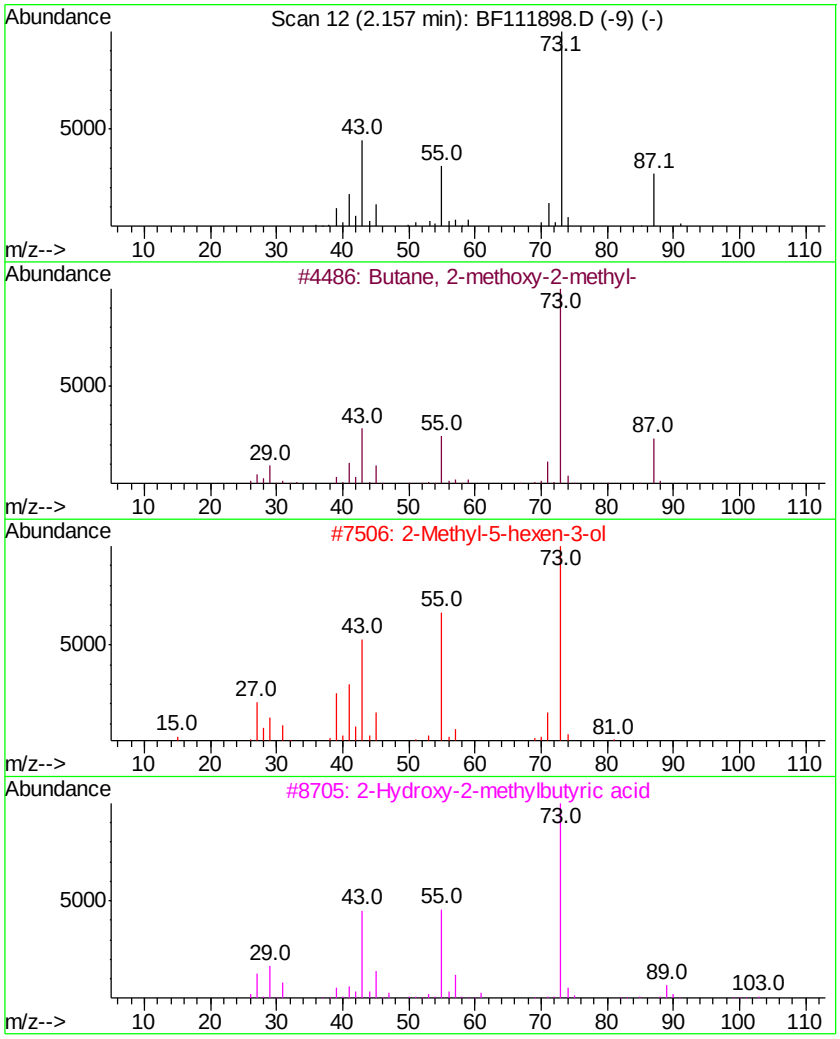
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

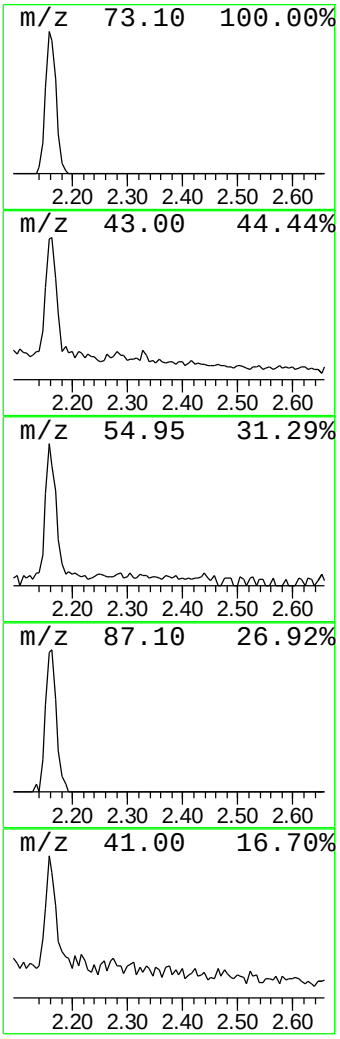
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	5.05 ng	170964	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

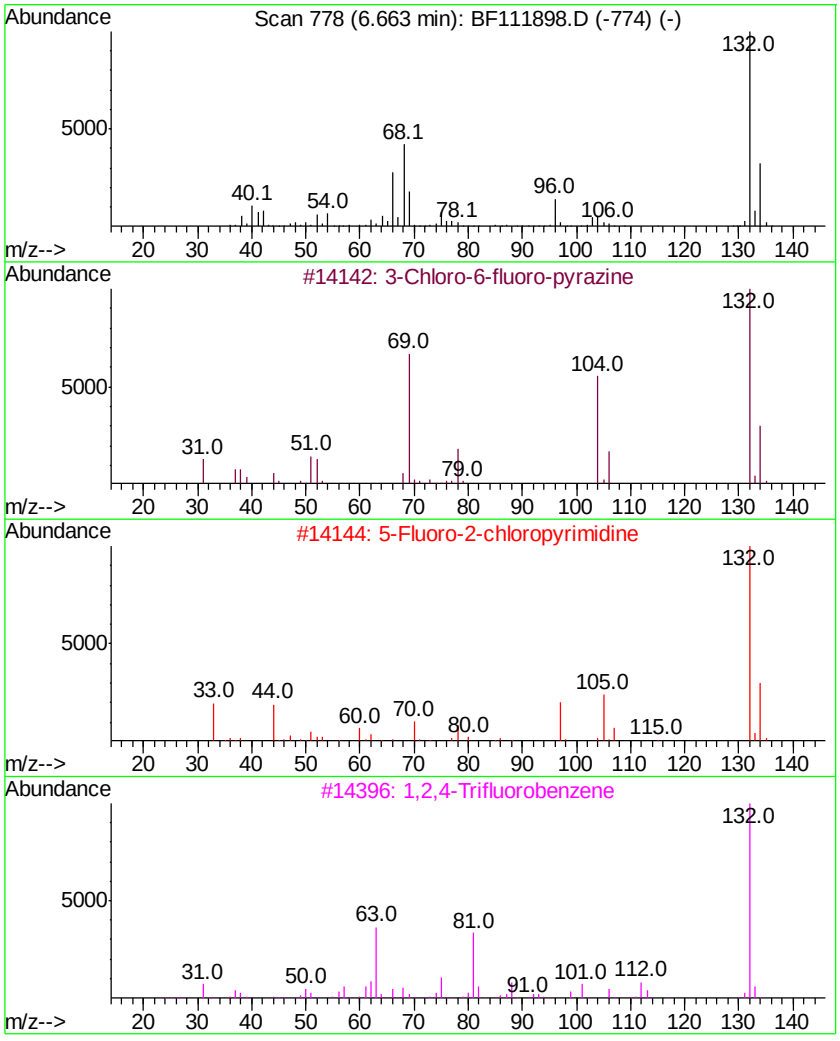
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

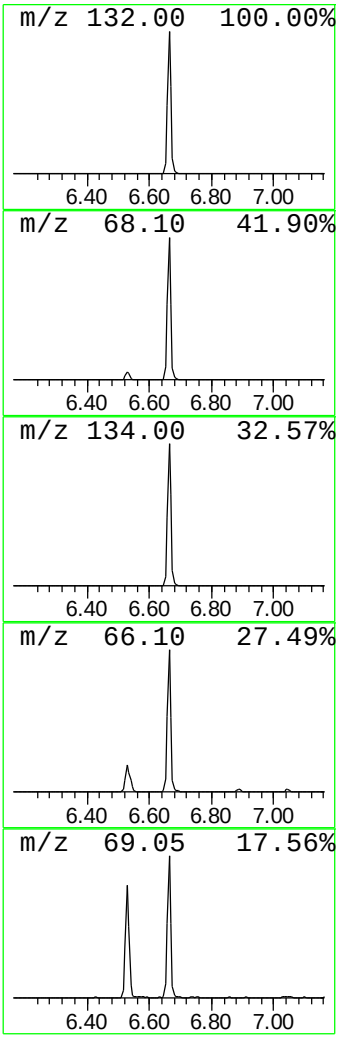
****

Peak Number 2 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	34.73 ng	1175140	1,4-Dichlorobenzene-d4	6.89

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	12
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

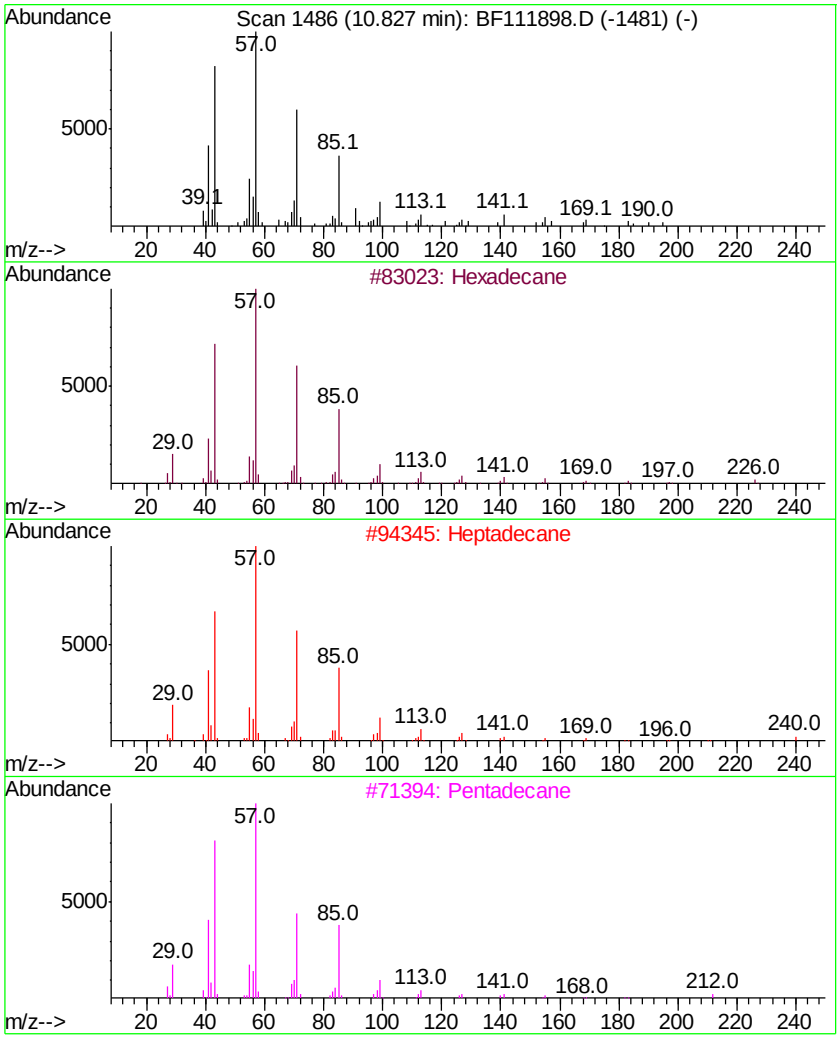
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

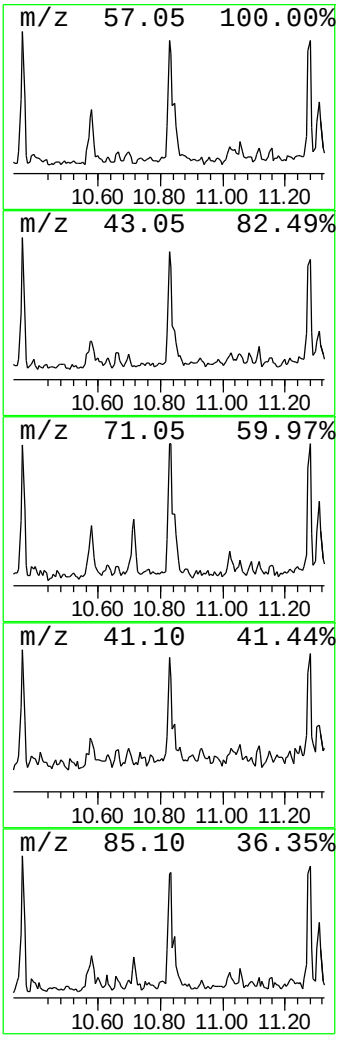
****

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.99 ng	142653	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

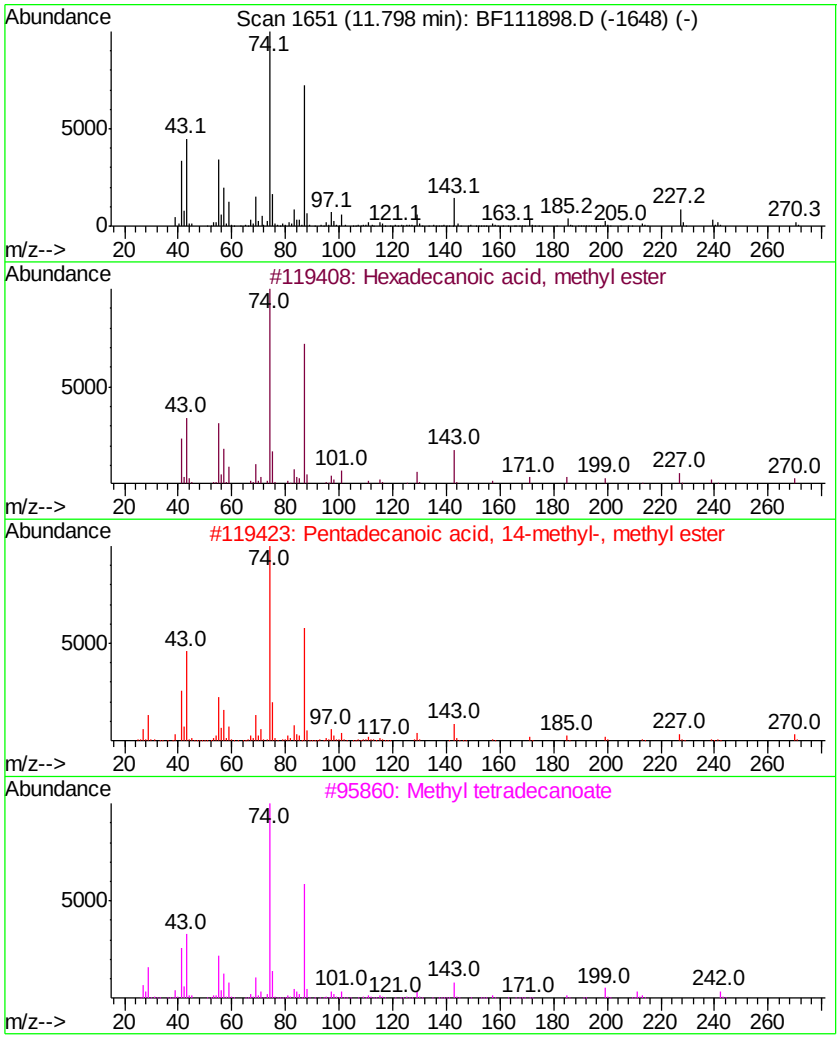
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

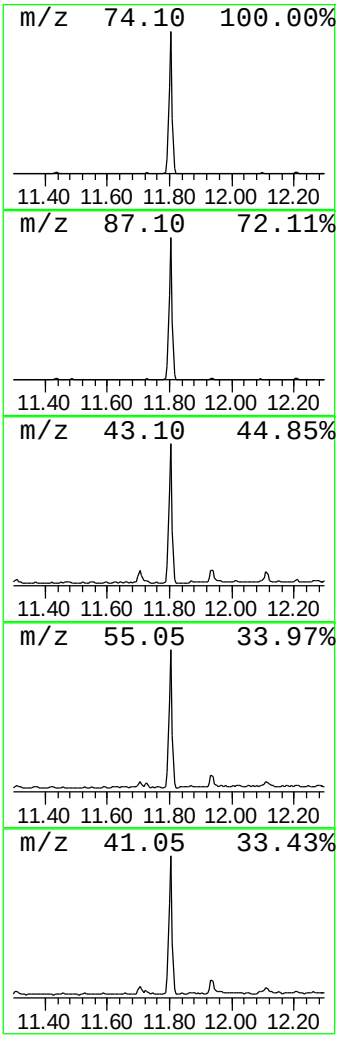
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	28.56 ng	1361040	Phenanthrene-d10	11.42

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	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

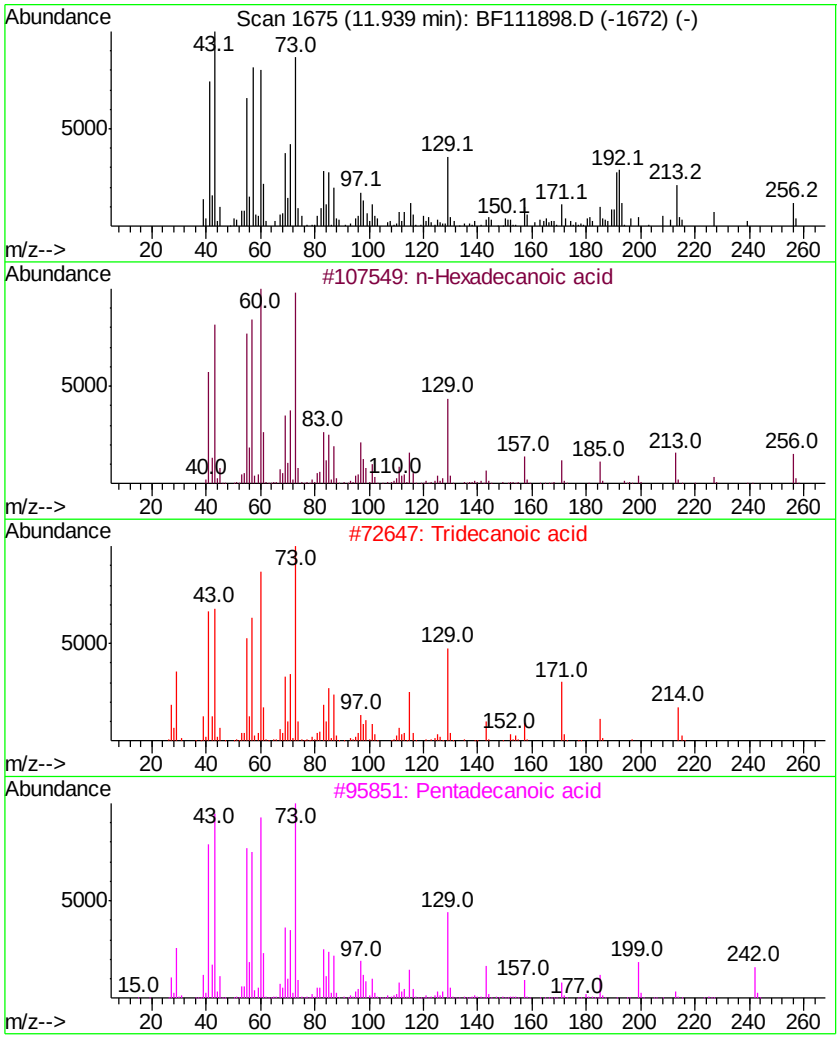
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

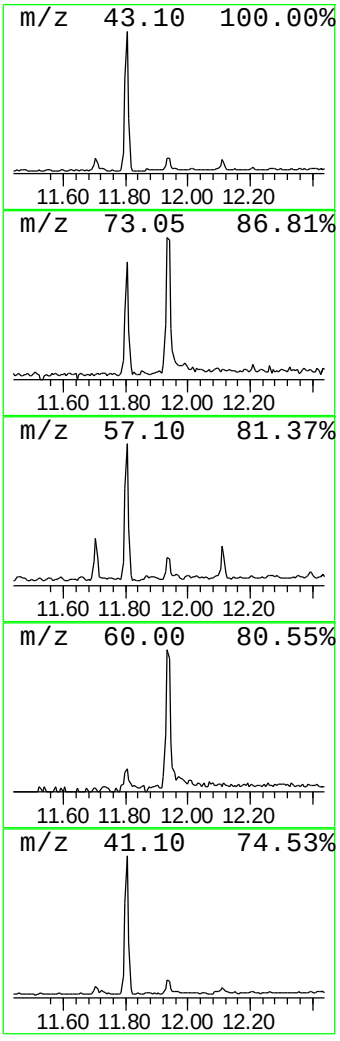
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.52 ng	215263	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

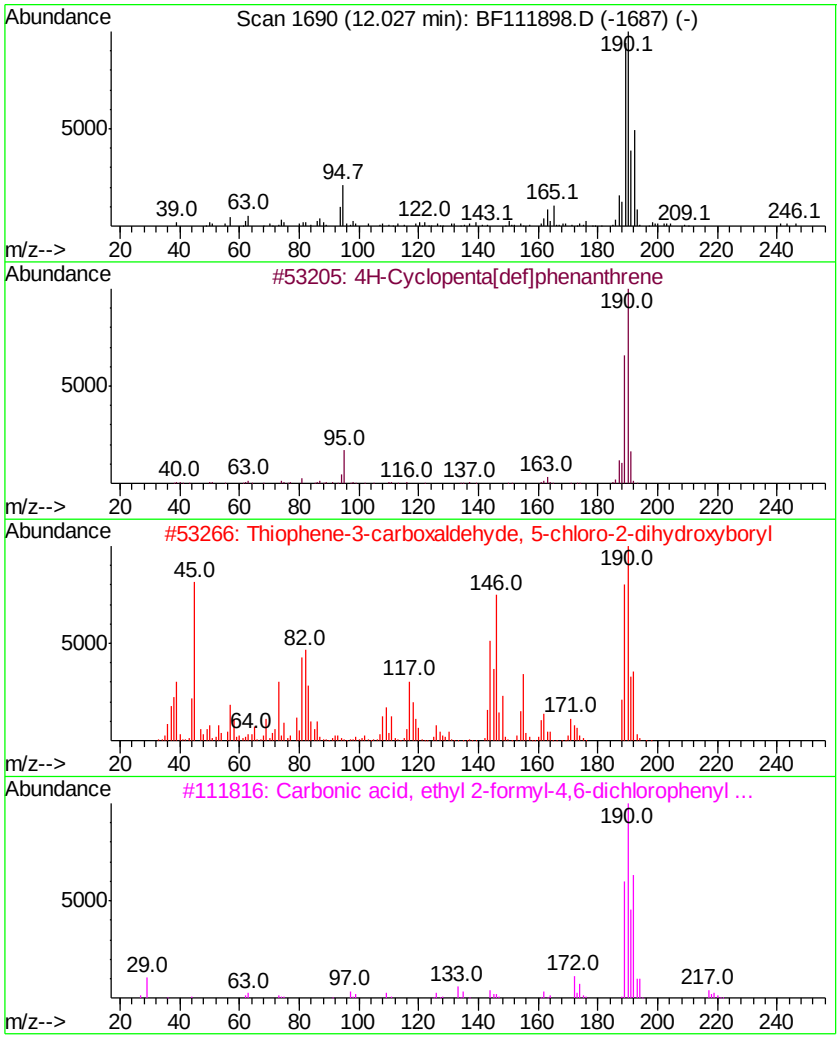
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

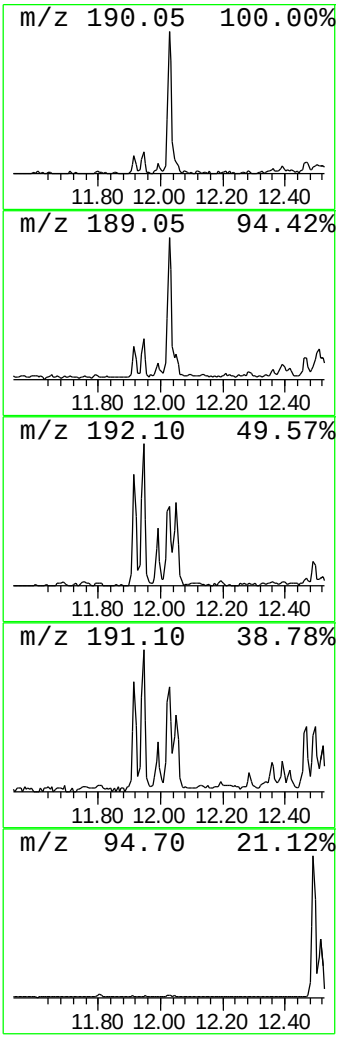
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.31 ng	110010	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

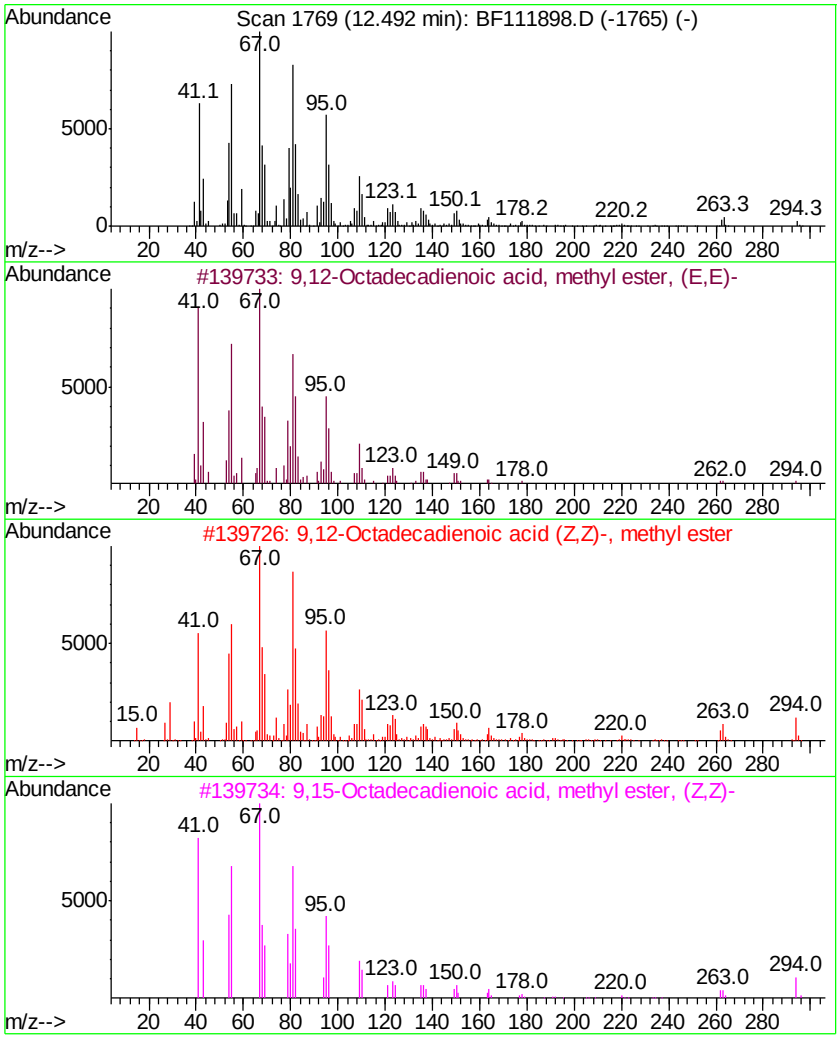
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

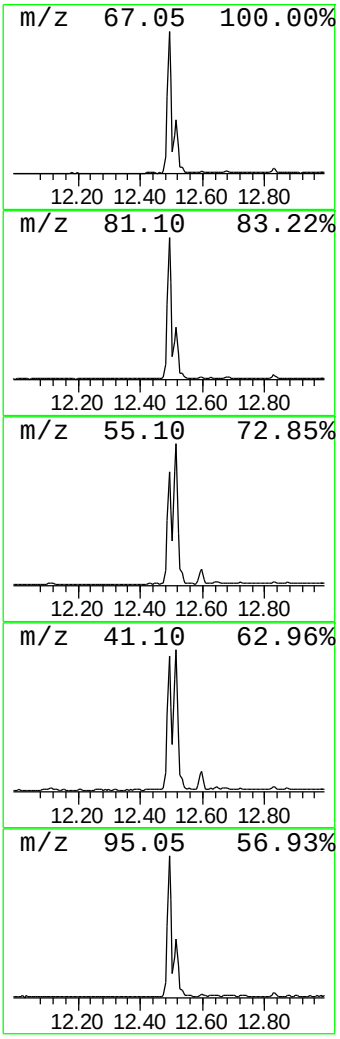
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	93.78 ng	4468920	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

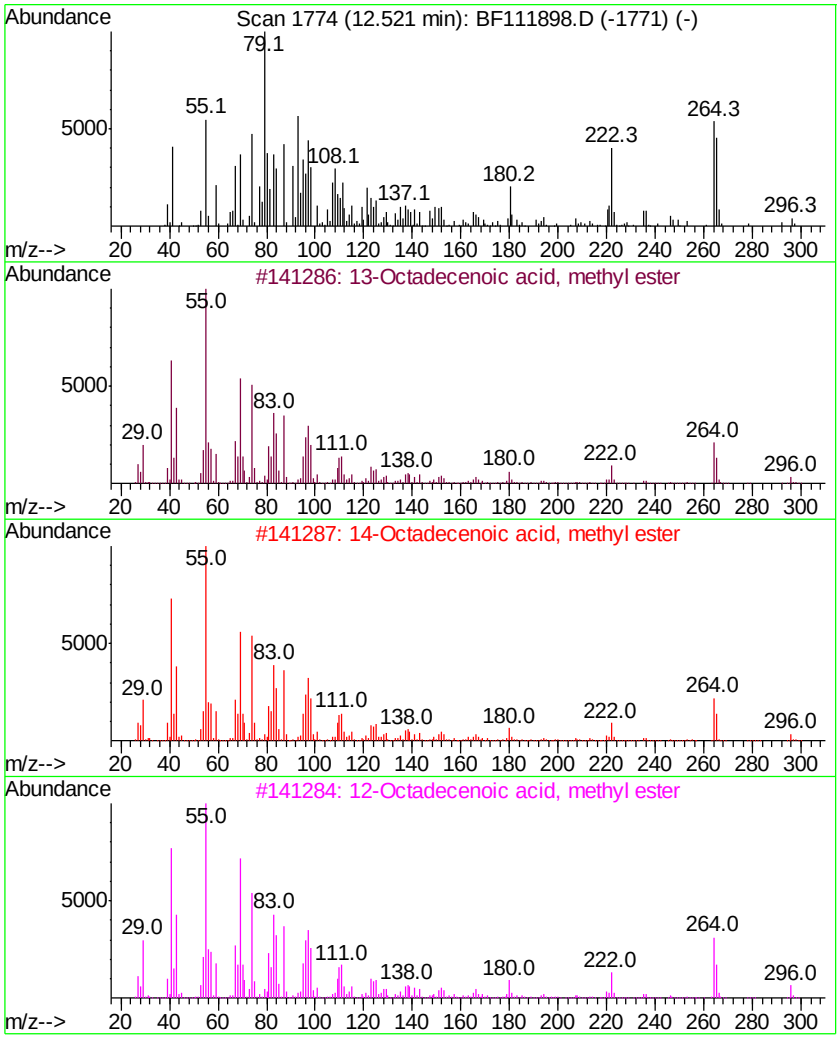
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

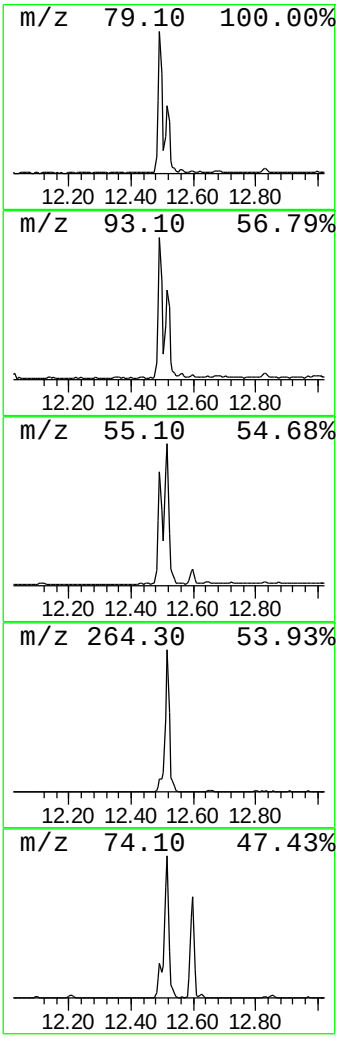
****

Peak Number 10 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	84.45 ng	4024000	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

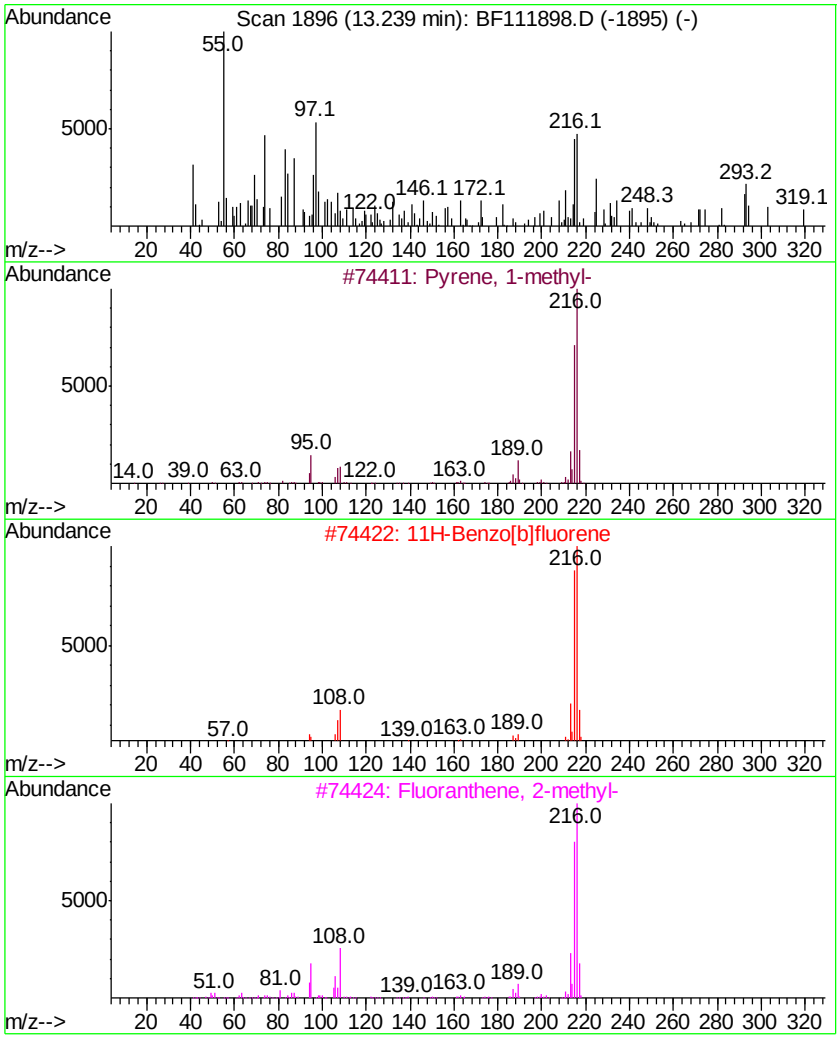
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

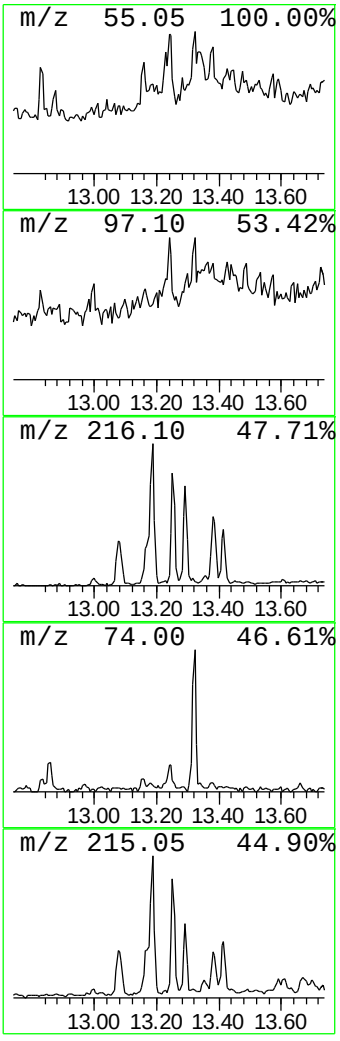
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.02 ng	130034	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

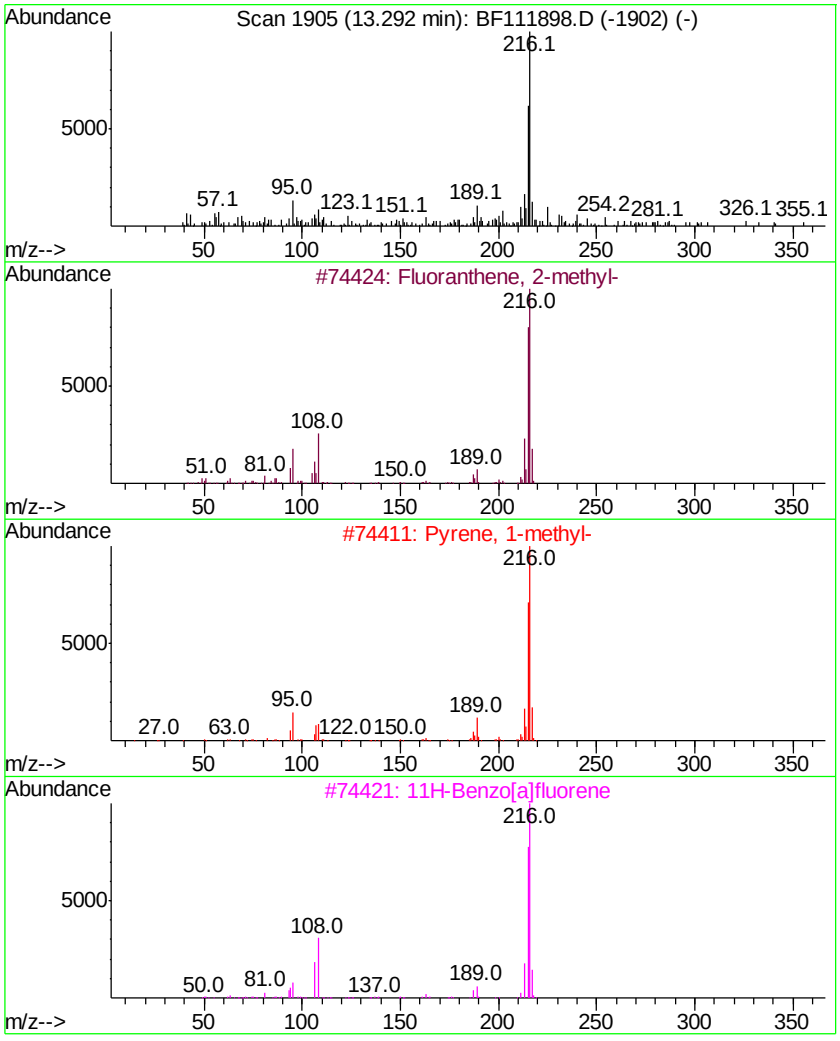
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

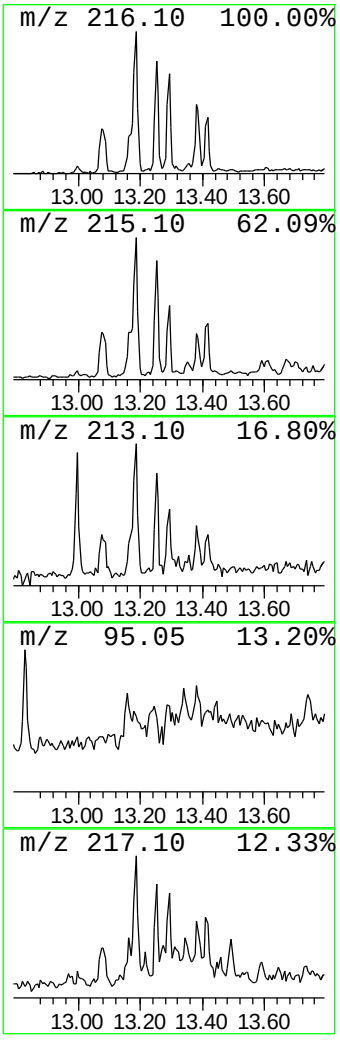
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.63 ng	169366	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

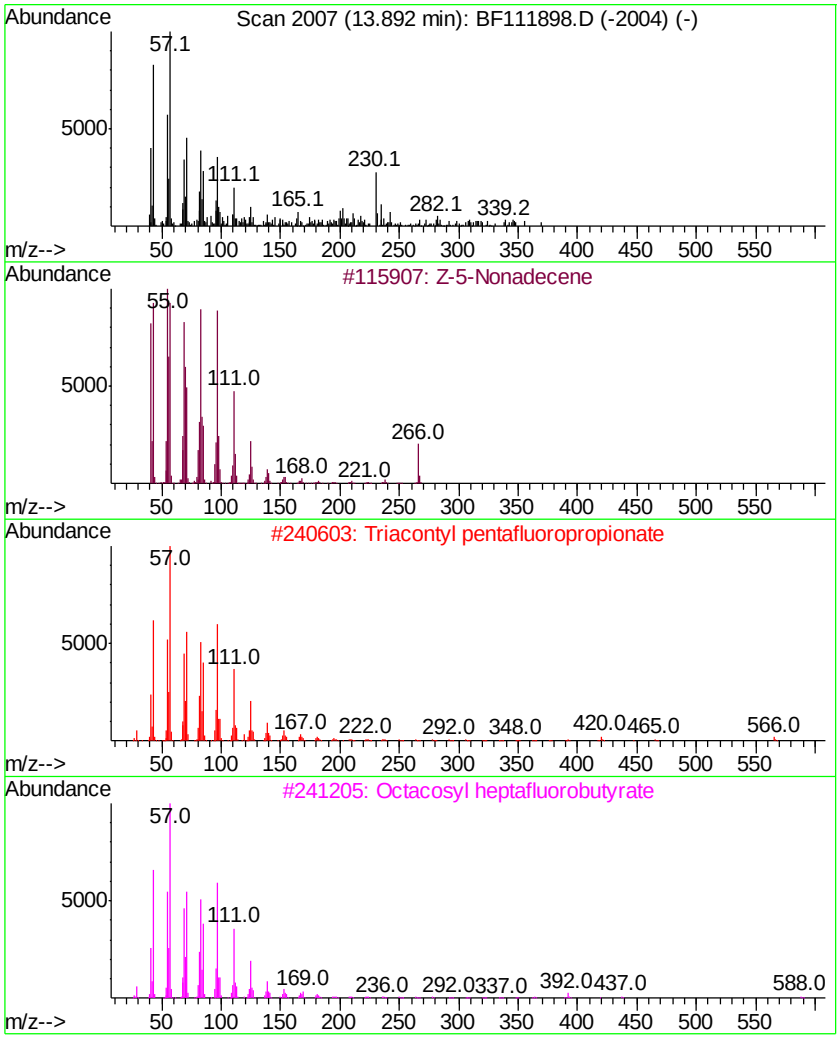
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

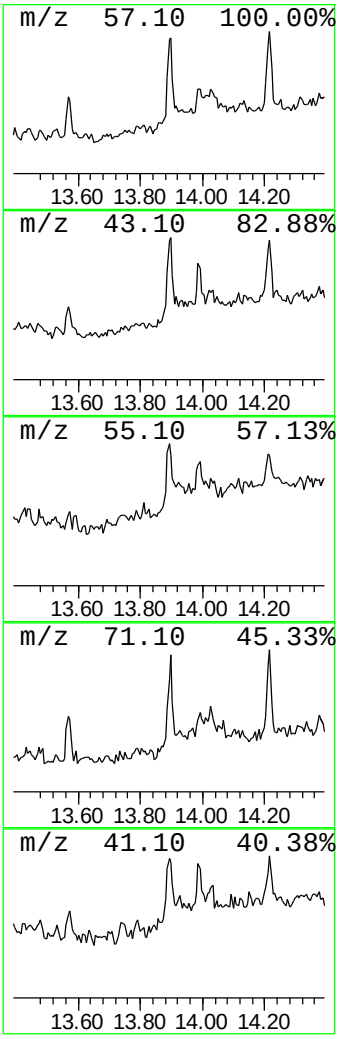
****

Peak Number 13 Z-5-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.02 ng	258946	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	78
2	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	76
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	76
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	68
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

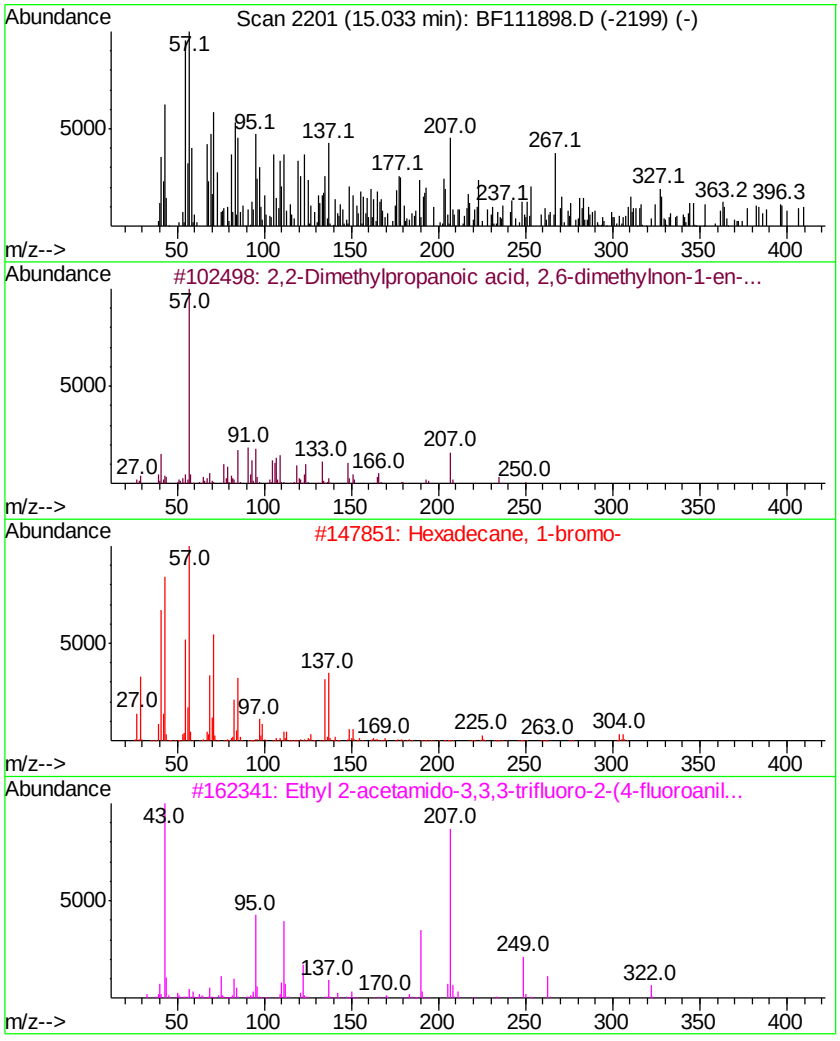
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

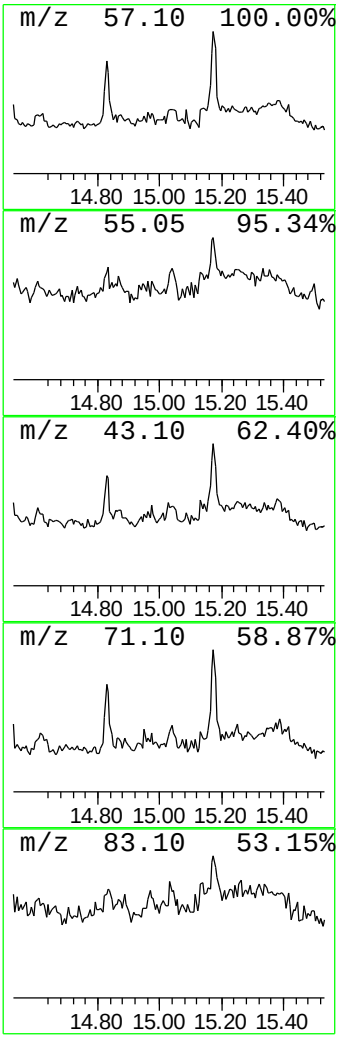
****

Peak Number 14 2,2-Dimethylpropanoic acid,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	3.76 ng	140661	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylpropanoic acid, 2,6-...	250	C16H26O2	1000299-33-6	50
2	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	30
3	Ethyl 2-acetamido-3,3,3-trifluor...	322	C13H14F4N2O3	328270-12-8	22
4	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	22
5	1-Bromoeicosane	360	C20H41Br	004276-49-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

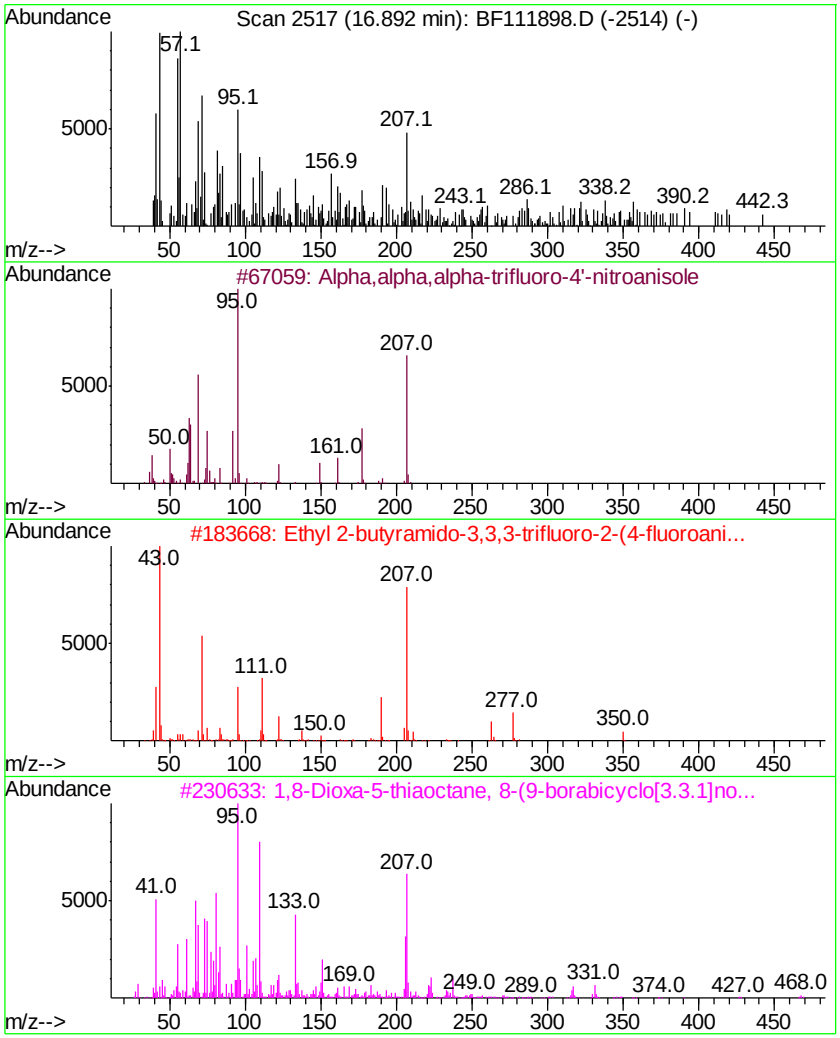
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

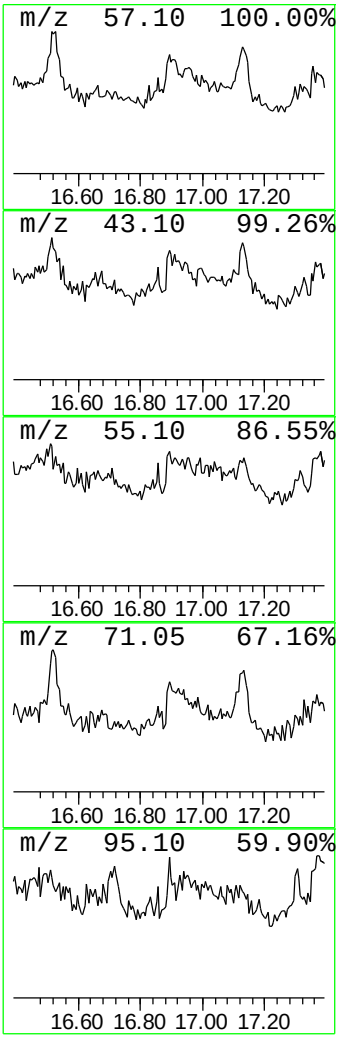
****

Peak Number 15 unknown16.89 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.81 ng	142664	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha,alpha,alpha-trifluoro-4'-n...	207	C7H4F3NO3	000713-65-5	47
2	Ethyl 2-butyramido-3,3,3-trifluo...	350	C15H18F4N2O3	1000224-16-2	35
3	1,8-Dioxa-5-thiaoctane, 8-(9-bor...	468	C27H42B2O3S	1000162-66-8	25
4	Propanamide, N-(3-methoxyphenyl)...	207	C12H17NO2	056619-93-3	25
5	[1,2,4]-Triazolo[4,3-a][1,3,5]-t...	249	C9H11N7O2	349574-61-4	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

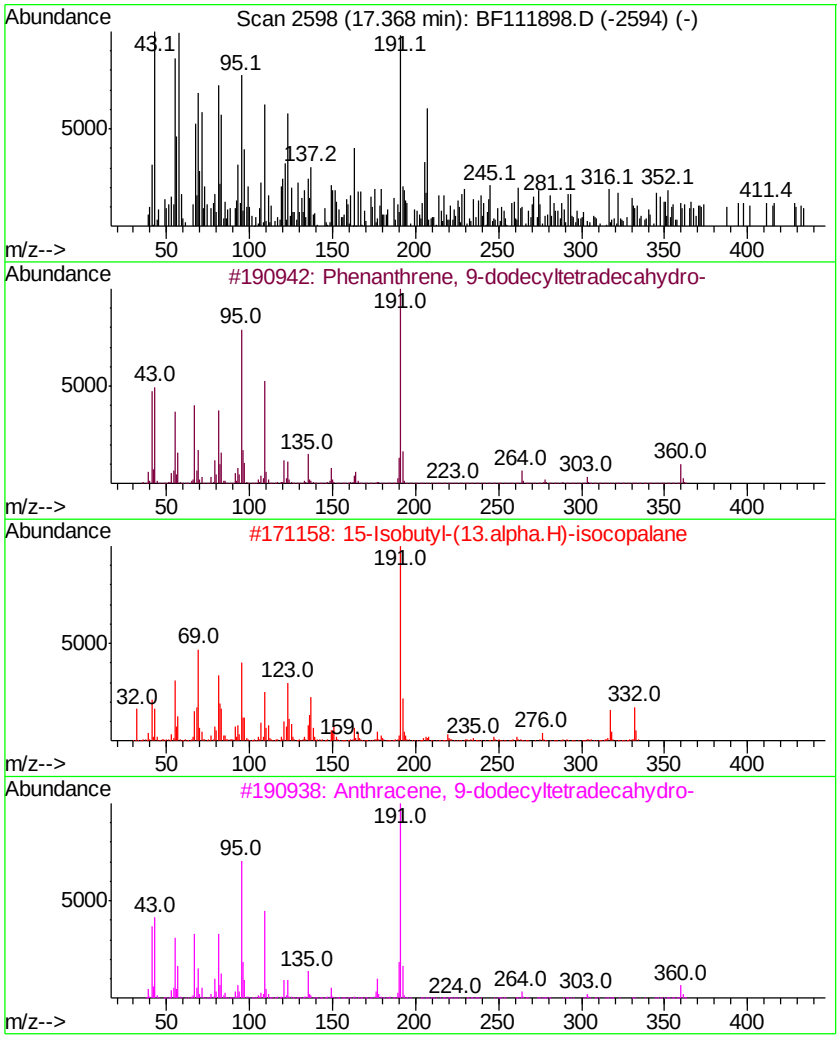
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

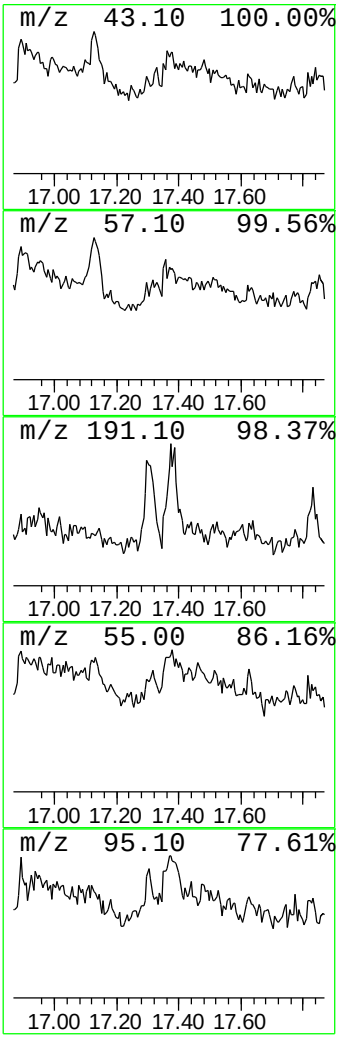
****

Peak Number 16 Phenanthrene, 9-dodecyltetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	11.56 ng	433110	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	60
2	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	46
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	46
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
5	4-Acetylphenyl 3,4-dimethoxycinn...	325	C19H19NO4	301157-90-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

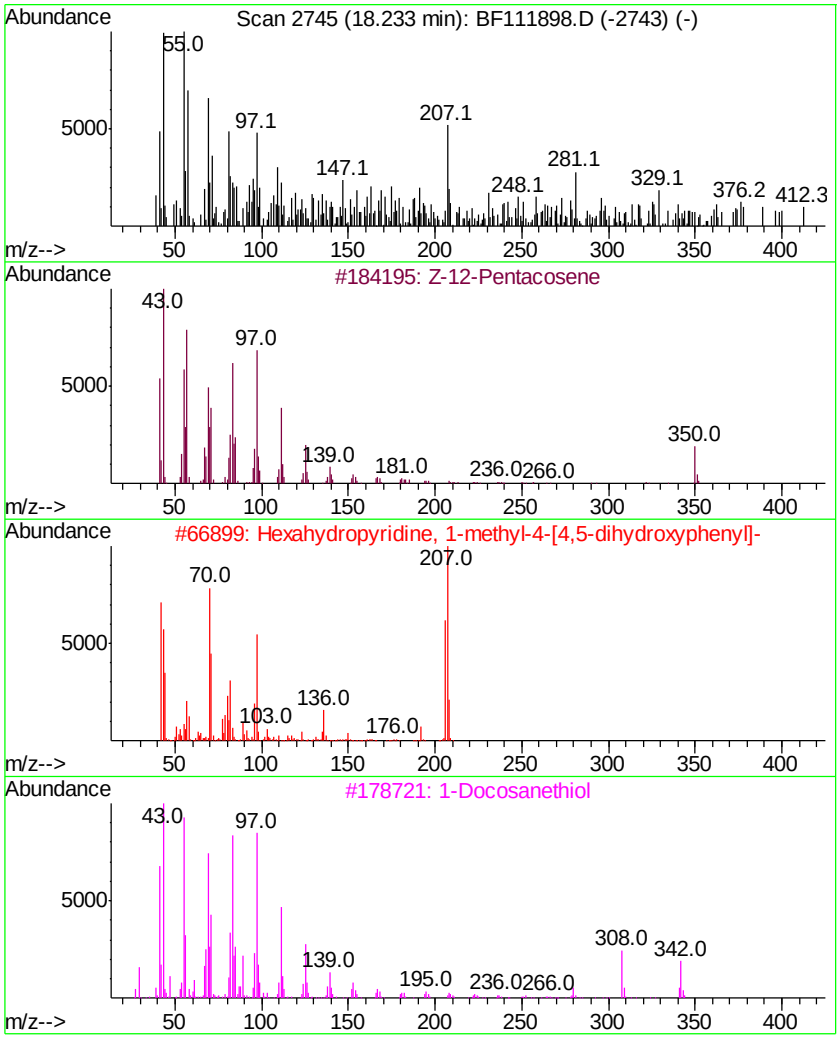
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

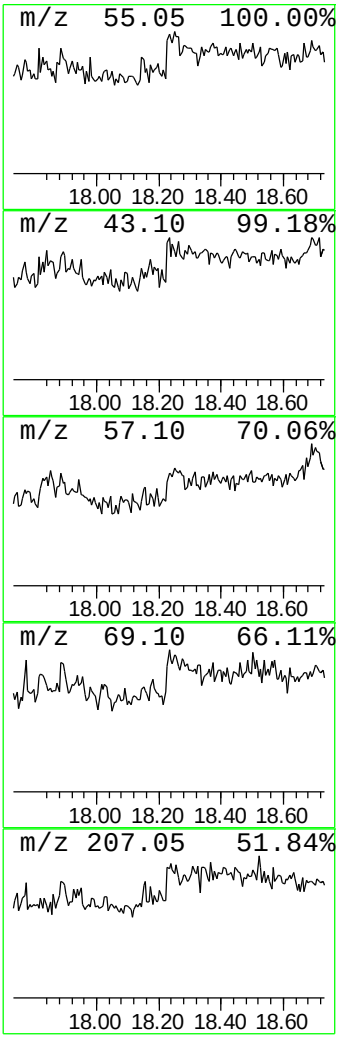
****

Peak Number 17 unknown18.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	4.79 ng	179593	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-12-Pentacosene	350	C25H50	1000131-09-4	45
2	Hexahydropyridine, 1-methyl-4-[4...	207	C12H17NO2	094427-47-1	38
3	1-Docosanethiol	342	C22H46S	007773-83-3	25
4	2-Pyridinamine, N-(4,5-dihydro-5...	207	C10H13N3S	1000362-45-9	25
5	4H-Naphthalene-1,3,3-tricarbonit...	362	C21H22N4S	1000302-10-1	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
Data File : BF111898.D
Acq On : 8 Jan 2019 1:09
Operator : JU/SJ
Sample : K1012-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-010419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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...	2.16	5.0	ng	170964	1	6.89	676820	20.0
unknown6.66	6.66	34.7	ng	1175140	1	6.89	676820	20.0
Hexadecane	10.83	3.0	ng	142653	4	11.42	953037	20.0
Hexadecanoic acid...	11.80	28.6	ng	1361040	4	11.42	953037	20.0
n-Hexadecanoic acid	11.94	4.5	ng	215263	4	11.42	953037	20.0
4H-Cyclopenta[def...	12.03	2.3	ng	110010	4	11.42	953037	20.0
9,12-Octadecadien...	12.49	93.8	ng	4468920	4	11.42	953037	20.0
13-Octadecenoic a...	12.52	84.5	ng	4024000	4	11.42	953037	20.0
Pyrene, 1-methyl-	13.24	2.0	ng	130034	5	14.06	1288260	20.0
Fluoranthene, 2-m...	13.29	2.6	ng	169366	5	14.06	1288260	20.0
Z-5-Nonadecene	13.89	4.0	ng	258946	5	14.06	1288260	20.0
2,2-Dimethylpropa...	15.03	3.8	ng	140661	6	15.54	749089	20.0
unknown16.89	16.89	3.8	ng	142664	6	15.54	749089	20.0
Phenanthrene, 9-d...	17.37	11.6	ng	433110	6	15.54	749089	20.0
unknown18.23	18.23	4.8	ng	179593	6	15.54	749089	20.0