LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

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-BF020318.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	2.163	7	13	22	rVB	448708	601886	14.18%	1.421%
2	4.493	405	409	415	rBV	55705	65791	1.55%	0.155%
3	5.116	512	515	523	rVB	153181	188366	4.44%	0.445%
4	5.504	576	581	585	rBV	3885687	4092729	96.39%	9.664%
5	6.516	747	753	765	rBV	3863706	4245989	100.00%	10.026%
6	6.657	772	777	780	rBV	4322589	4176126	98.35%	9.861%
7	6.887	812	816	819	rBV	1337388	1117902	26.33%	2.640%
8	7.040	838	842	846	rBV	3278725	3156615	74.34%	7.454%
9	7.445	906	911	915	rBV	2679361	2837882	66.84%	6.701%
10	7.622	938	941	945	rVB	67832	60346	1.42%	0.142%
11	8.169	1030	1034	1037	rBV	1671454	1433143	33.75%	3.384%
12	9.239	1212	1216	1220	rBV	3820163	3740391	88.09%	8.832%
13	9.316	1226	1229	1232	rVB	101375	74710	1.76%	0.176%
14	9.575	1268	1273	1277	rBV4	31629	48199	1.14%	0.114%
15	9.633	1279	1283	1286	rBV	329153	296072	6.97%	0.699%
16	9.845	1312	1319	1322	rBV	255920	208418	4.91%	0.492%
17	9.922	1329	1332	1336	rBV2	1604530	1386558	32.66%	3.274%
18	9.957	1336	1338	1341	rVB	100985	79857	1.88%	0.189%
19	10.081	1354	1359	1361	rBV2	46033	55247	1.30%	0.130%
20	10.128	1365	1367	1371	rVV3	39568	50126	1.18%	0.118%
21	10.169	1371	1374	1378	rVB2	58129	61013	1.44%	0.144%
22	10.345	1401	1404	1407	rVB	293921	220947	5.20%	0.522%
23	10.469	1422	1425	1429	rVB	63170	63550	1.50%	0.150%
24	10.563	1438	1441	1444	rBV2	59856	68479	1.61%	0.162%
25	10.716	1463	1467	1477	rVB	1944751	2049021	48.26%	4.838%
26	10.816	1482	1484	1490	rVB	202928	222384	5.24%	0.525%
27	11.016	1513	1518	1521	rBV4	40738	62987	1.48%	0.149%
28	11.269	1557	1561	1564	rBV	112471	105488	2.48%	0.249%
29	11.304	1564	1567	1572	rVB3	42002	67229	1.58%	0.159%
30	11.416	1582	1586	1588	rBV	1268009	1269920	29.91%	2.999%
31	11.433	1588	1589	1595	rVV	595850	471046	11.09%	1.112%
32	11.486	1595	1598	1601	rVB	137576	115970	2.73%	0.274%
33	11.916	1666	1671	1672	rBV	109062	106388	2.51%	0.251%
34	11.939	1672	1675	1681	rVB	141648	155604	3.66%	0.367%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.027	1686	1690	1692	rVV2	131465	160686	3.78%	0.379%
36	12.045	1692	1693	1697	rVB	79513	60858	1.43%	0.144%
37	12.210	1718	1721	1723	rBV	62692	55637	1.31%	0.131%
38	12.233	1723	1725	1731	rVB3	52211	53111	1.25%	0.125%
39	12.463	1760	1764	1767	rBV	61373	68690	1.62%	0.162%
40	12.545	1776	1778	1783	rVB3	42570	50758	1.20%	0.120%
41	12.627	1788	1792	1795	rVV	598275	518378	12.21%	1.224%
42	12.857	1825	1831	1837	rBV	605902	649591	15.30%	1.534%
43	12.998	1848	1855	1858	rBV	2850252	2701896	63.63%	6.380%
44	13.069	1863	1867	1872	rBV4	46293	75589	1.78%	0.178%
45	13.163	1879	1883	1884	rBV4	34718	45677	1.08%	0.108%
46	13.180	1884	1886	1890	rVB2	72728	74696	1.76%	0.176%
47	13.286	1900	1904	1907	rBV2	60191	64504	1.52%	0.152%
48	13.469	1932	1935	1941	rVB4	46614	56439	1.33%	0.133%
49	13.686	1969	1972	1978	rVB	46725	65097	1.53%	0.154%
50	13.798	1988	1991	1994	rBV2	42785	56618	1.33%	0.134%
51	13.880	2002	2005	2017	rVB2	645959	701871	16.53%	1.657%
52	14.021	2026	2029	2030	rBV	75047	63671	1.50%	0.150%
53	14.051	2030	2034	2037	rVV2	1109621	1339758	31.55%	3.164%
54	14.080	2037	2039	2044	rVB	261933	237734	5.60%	0.561%
55	14.157	2047	2052	2055	rVV3	43992	63447	1.49%	0.150%
56	14.439	2095	2100	2103	rBV	65526	67630	1.59%	0.160%
57	14.516	2110	2113	2119	rBV5	66671	101072	2.38%	0.239%
58	15.098	2208	2212	2216	rBV	175389	293331	6.91%	0.693%
59	15.163	2220	2223	2228	rVB4	45023	57023	1.34%	0.135%
60	15.410	2262	2265	2271	rVB	116282	152537	3.59%	0.360%
61	15.474	2272	2276	2282	rVB	151524	200514	4.72%	0.473%
62	15.539	2282	2287	2299	rBV	744066	1092792	25.74%	2.580%
63	15.998	2362	2365	2369	rVB	56929	72909	1.72%	0.172%
64	16.051	2371	2374	2382	rVB5	53547	91678	2.16%	0.216%
65	17.121	2552	2556	2565	rVB2	45435	99341	2.34%	0.235%

Sum of corrected areas: 42349912

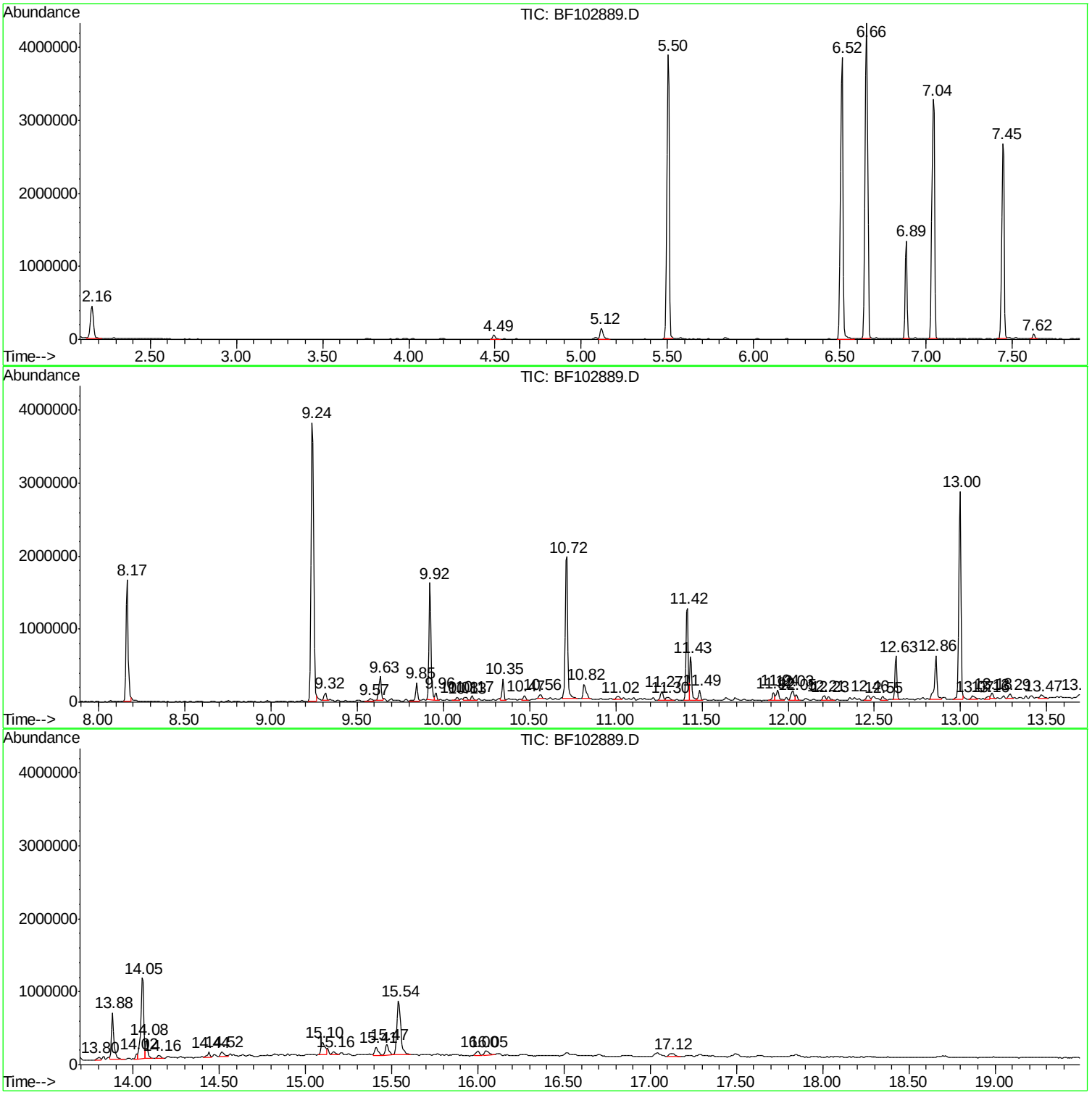
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

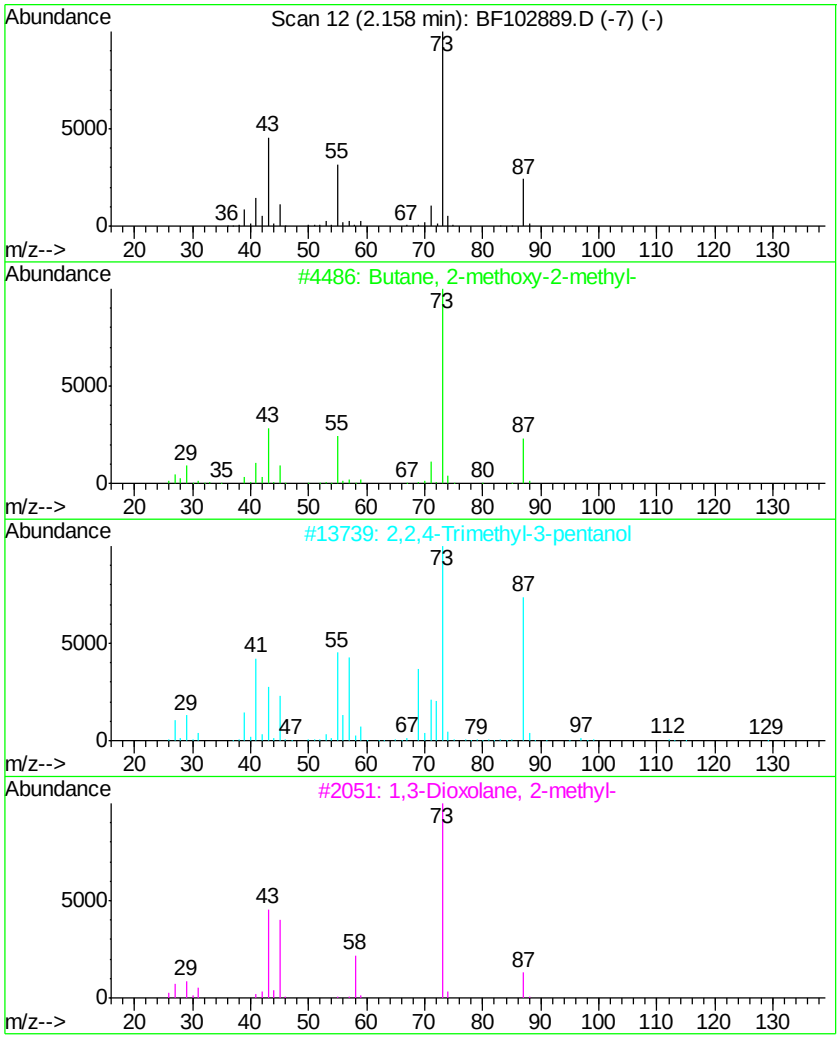
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

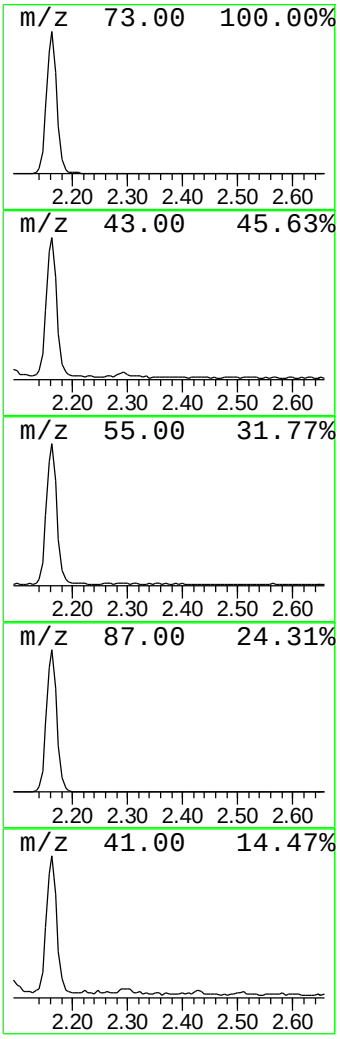
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	10.77 ng	601886	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

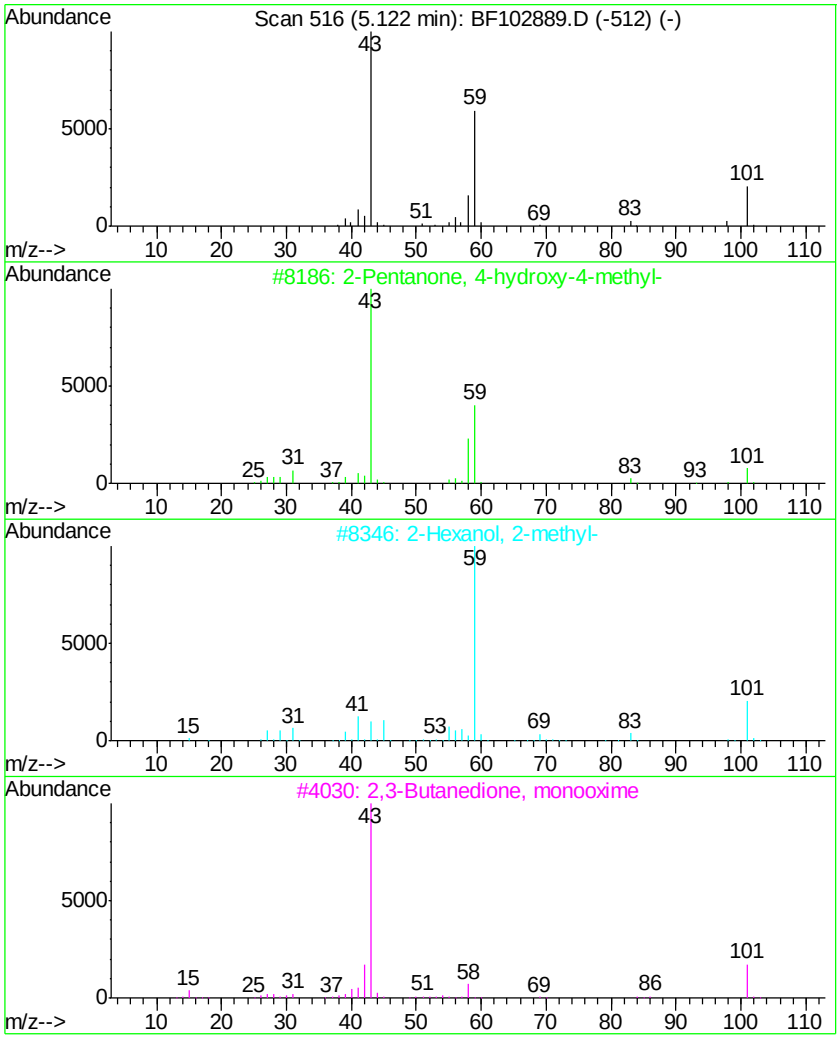
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

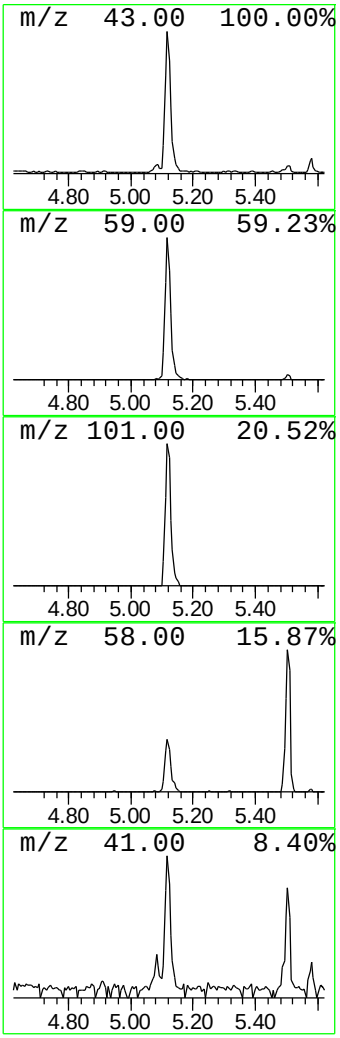
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.37 ng	188366	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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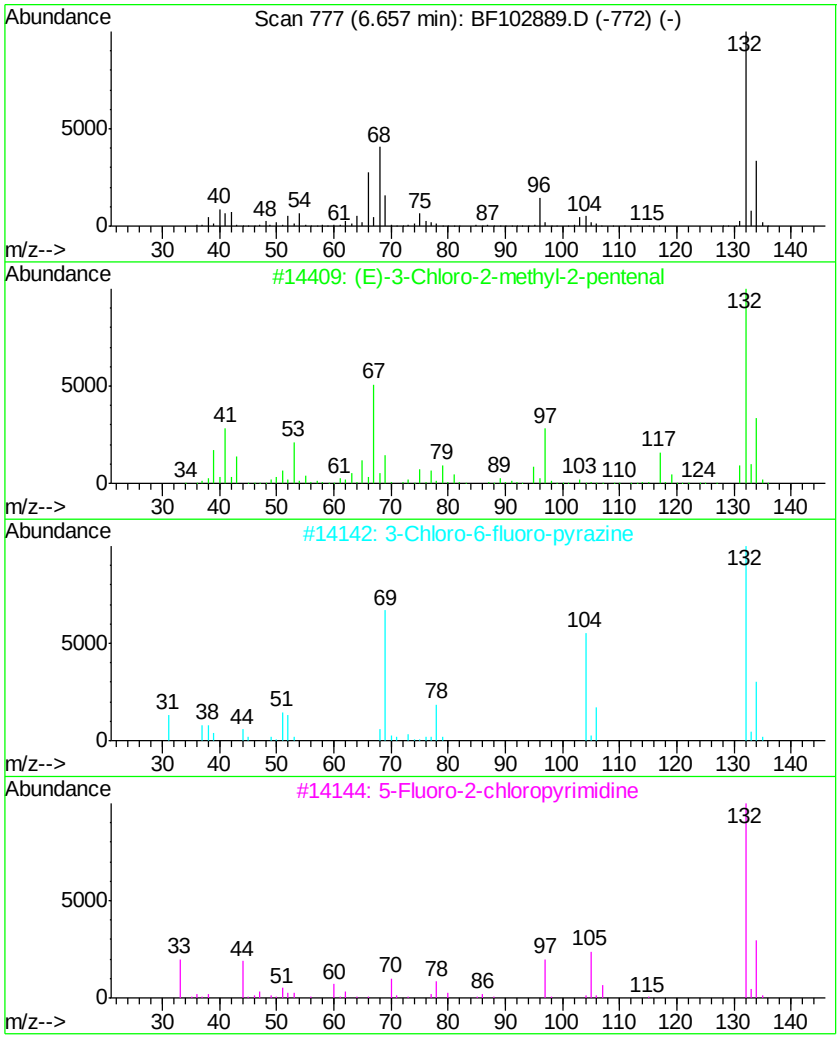
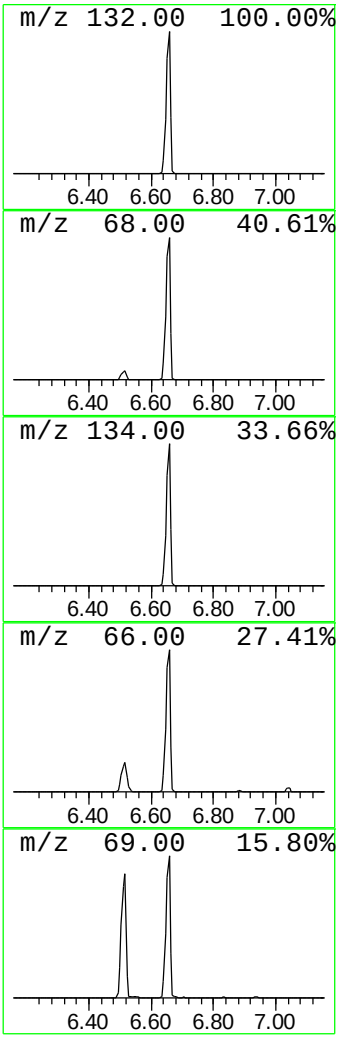
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	74.71 ng	4176130	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

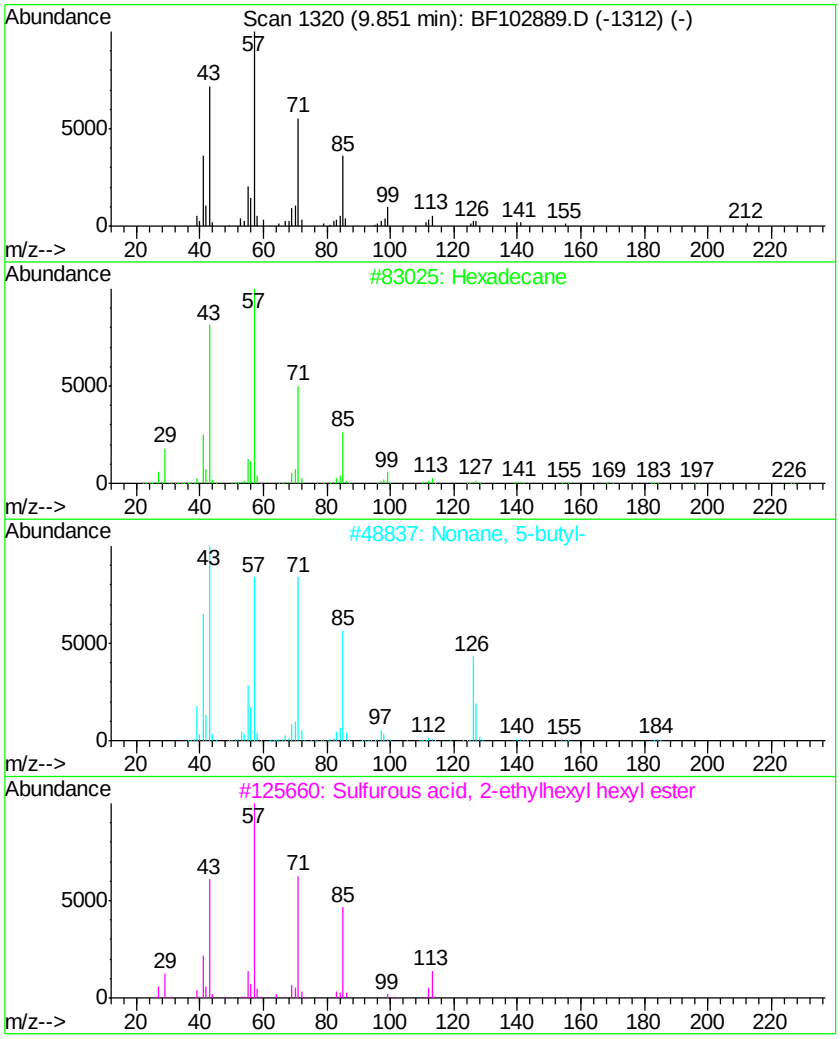
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

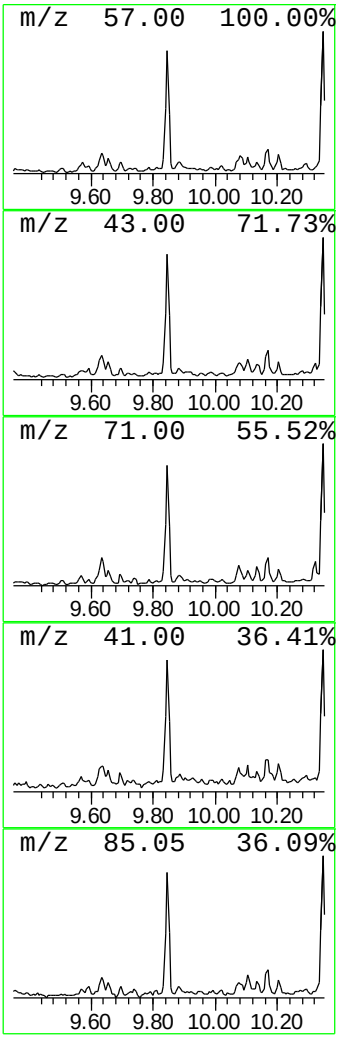
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.01 ng	208418	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	5-Ethyldecane	170	C12H26	017302-36-2	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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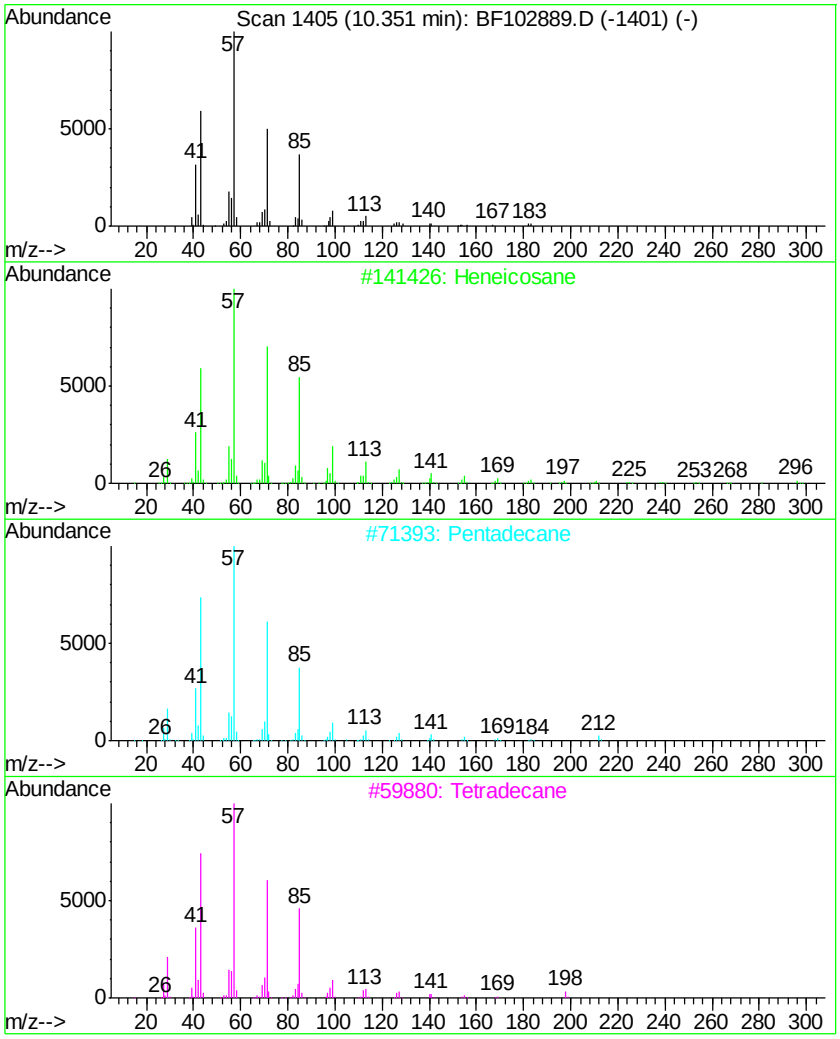
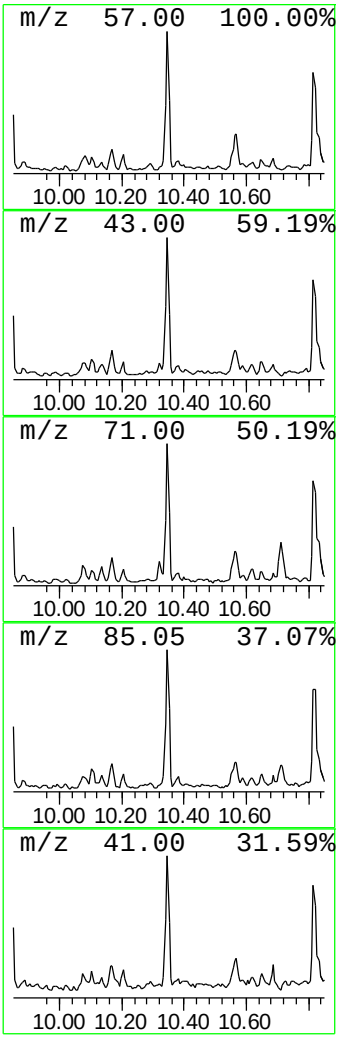
Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.19 ng	220947	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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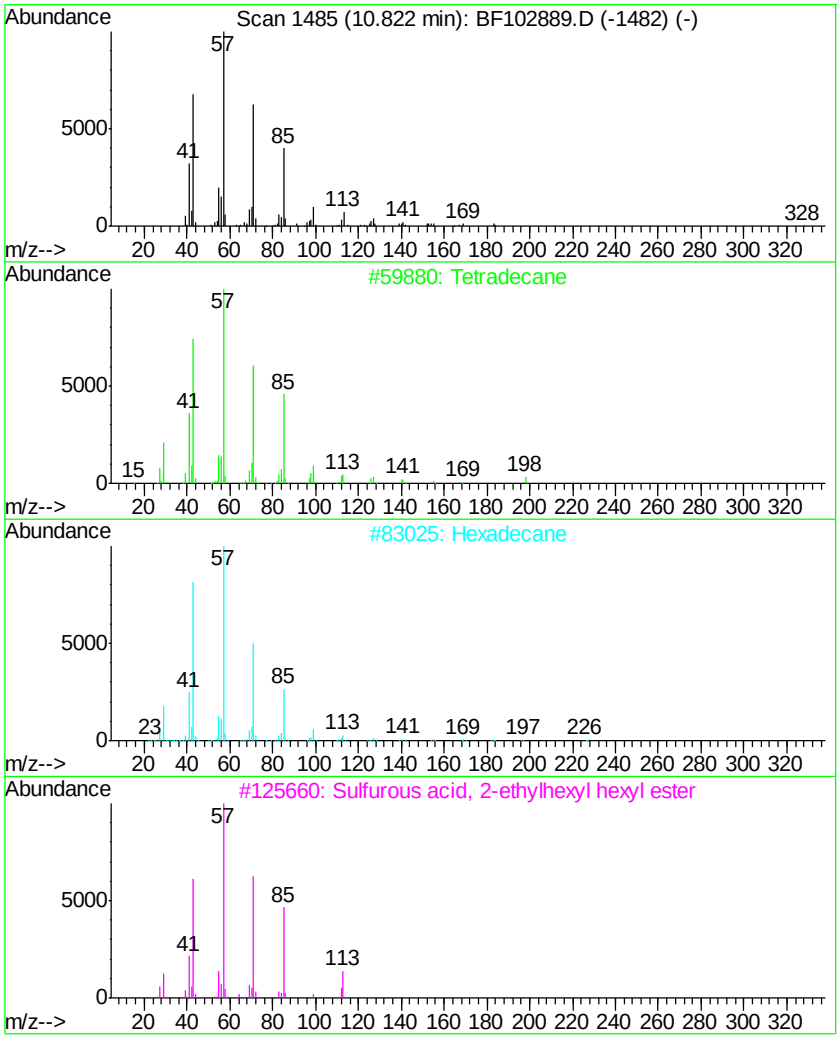
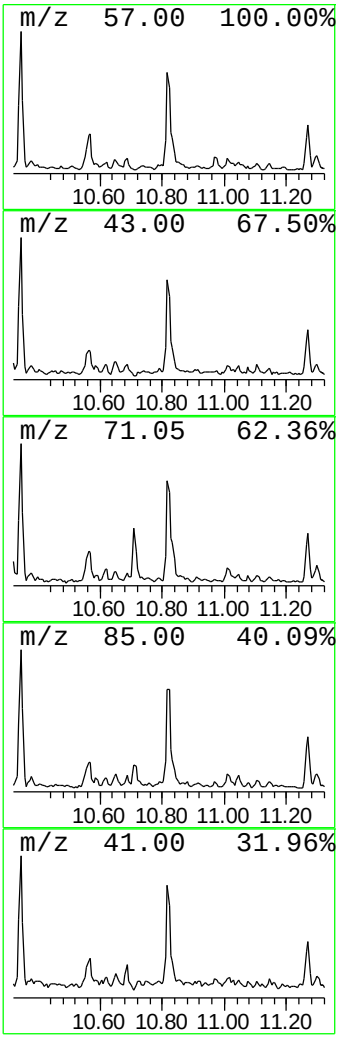
Peak Number 7 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.50 ng	222384	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

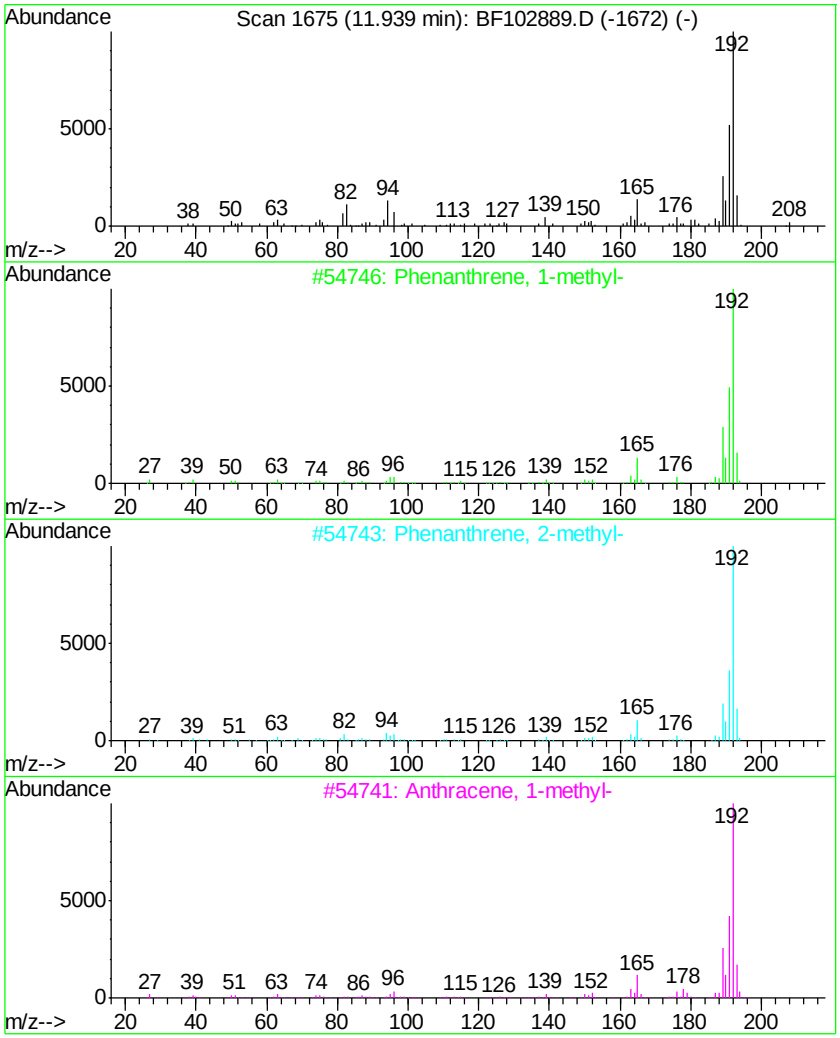
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

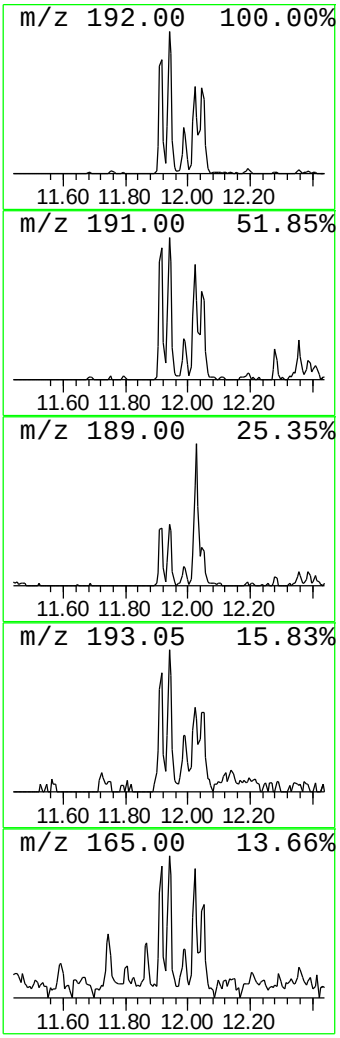
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.45 ng	155604	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

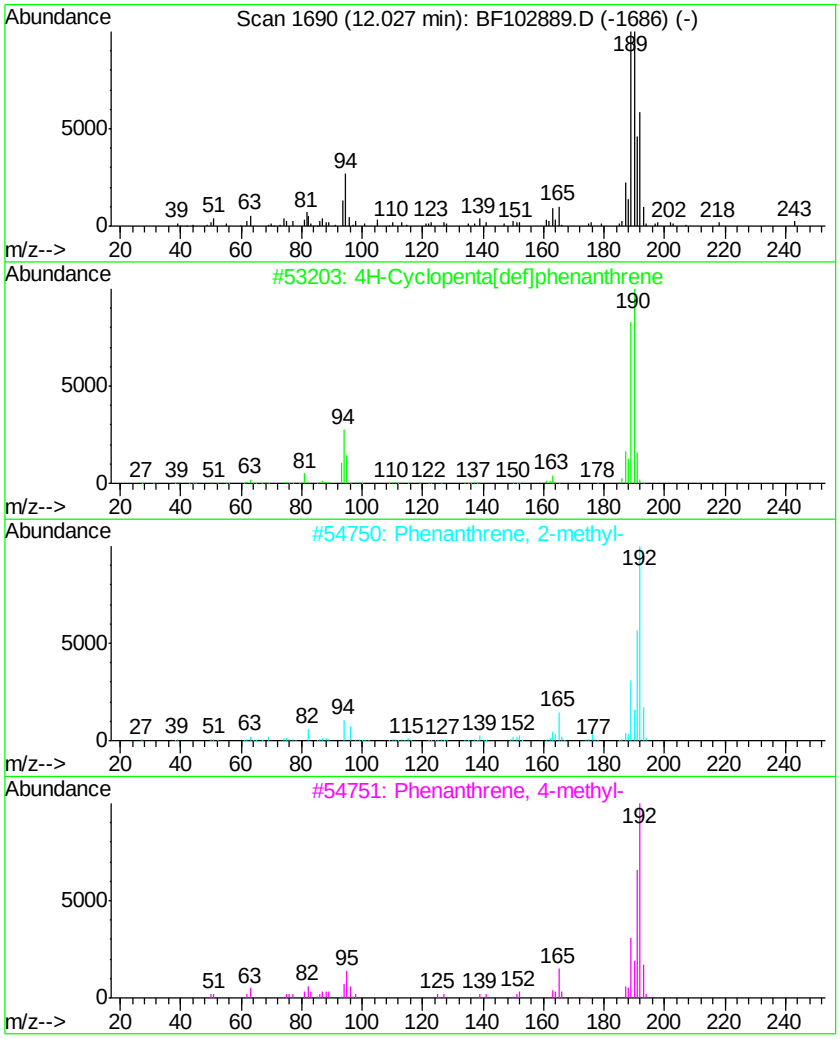
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

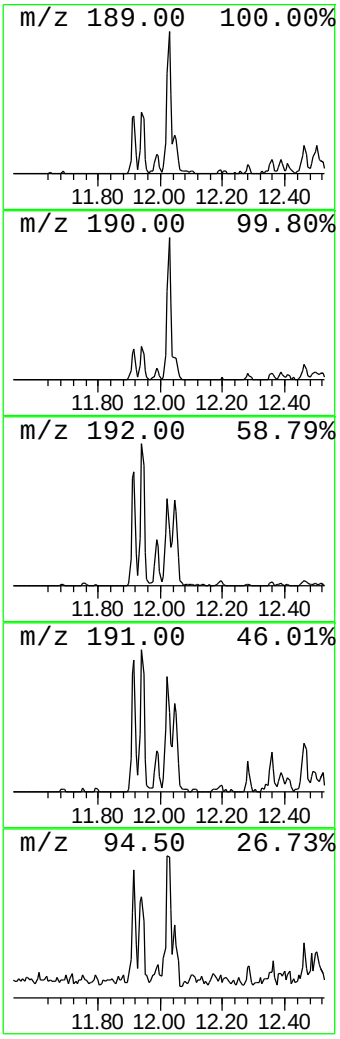
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.53 ng	160686	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	20





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

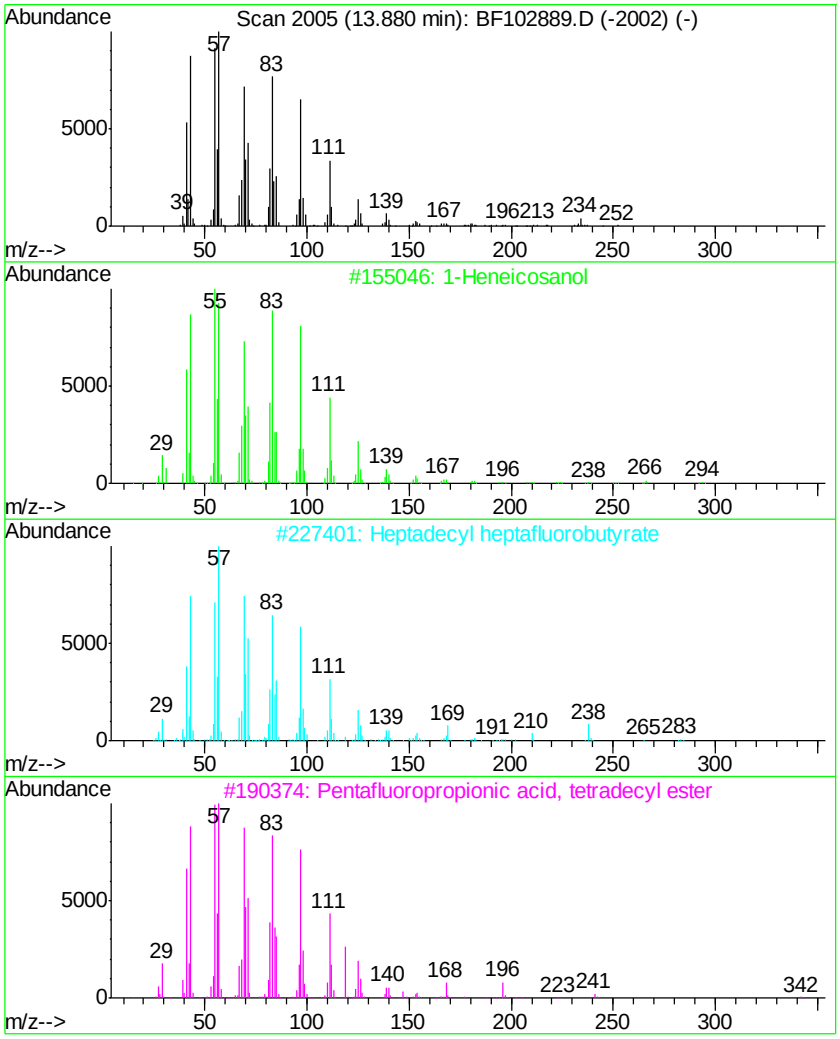
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

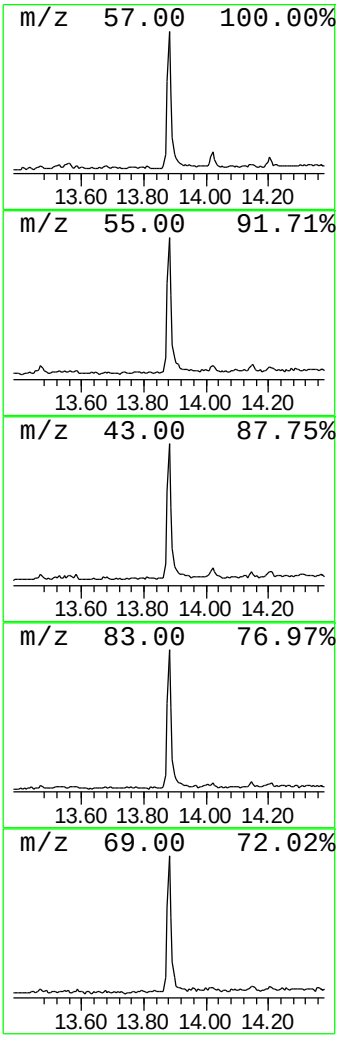
****

Peak Number 10 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.48 ng	701871	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102889.D
Acq On : 9 Feb 2018 15:27
Operator : SJ/JU
Sample : J1506-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-21(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	10.8	ng	601886	1	6.89	1117900	20.0
2-Pentanone, 4-hy...	5.12	3.4	ng	188366	1	6.89	1117900	20.0
unknown6.66	6.66	74.7	ng	4176130	1	6.89	1117900	20.0
Hexadecane	9.85	3.0	ng	208418	3	9.92	1386560	20.0
Heneicosane	10.35	3.2	ng	220947	3	9.92	1386560	20.0
Tetradecane	10.82	3.5	ng	222384	4	11.42	1269920	20.0
Phenanthrene, 1-m...	11.94	2.5	ng	155604	4	11.42	1269920	20.0
4H-Cyclopenta[def...	12.03	2.5	ng	160686	4	11.42	1269920	20.0
1-Heneicosanol	13.88	10.5	ng	701871	5	14.06	1339760	20.0