LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

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-BF022218.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	5	12	26	rVB	1174473	1634112	39.34%	4.737%
2	5.110	511	514	527	rVB	169414	237586	5.72%	0.689%
3	5.498	575	580	583	rBV	3949104	4153591	100.00%	12.041%
4	6.504	746	751	754	rBV	3460761	3905449	94.03%	11.321%
5	6.645	770	775	778	rBV	3745874	3962397	95.40%	11.486%
6	6.869	809	813	817	rBV	1194222	954599	22.98%	2.767%
7	7.028	835	840	843	rBV	3354099	3099160	74.61%	8.984%
8	7.434	904	909	912	rBV	2510136	2651397	63.83%	7.686%
9	8.151	1027	1031	1043	rBV	1365879	1206672	29.05%	3.498%
10	9.227	1209	1214	1217	rBV	3714968	3458481	83.26%	10.026%
11	9.298	1223	1226	1229	rVB	57171	47351	1.14%	0.137%
12	9.616	1275	1280	1288	rBV	276806	296329	7.13%	0.859%
13	9.827	1312	1316	1320	rBV	143601	111183	2.68%	0.322%
14	9.910	1326	1330	1337	rVB	1168623	1095536	26.38%	3.176%
15	10.327	1398	1401	1404	rVB	148071	109532	2.64%	0.318%
16	10.698	1460	1464	1473	rBV	1792663	1785389	42.98%	5.176%
17	10.798	1478	1481	1489	rVB	79471	82534	1.99%	0.239%
18	11.398	1579	1583	1597	rVB	909821	849794	20.46%	2.463%
19	11.910	1667	1670	1678	rBV2	34365	43326	1.04%	0.126%
20	12.792	1816	1820	1823	rBV	96410	89979	2.17%	0.261%
21	12.980	1848	1852	1855	rBV	2499311	2219030	53.42%	6.433%
22	13.492	1936	1939	1943	rVB	85213	79922	1.92%	0.232%
23	13.868	1999	2003	2010	rBV	121395	159253	3.83%	0.462%
24	14.045	2029	2033	2040	rBV	815436	839034	20.20%	2.432%
25	14.498	2107	2110	2117	rBV4	42675	66942	1.61%	0.194%
26	14.804	2157	2162	2169	rBV4	36079	88190	2.12%	0.256%
27	14.880	2172	2175	2184	rVB	64790	77581	1.87%	0.225%
28	15.145	2217	2220	2224	rBV	53976	53917	1.30%	0.156%
29	15.539	2281	2287	2298	rBV	649220	889202	21.41%	2.578%
30	15.745	2317	2322	2324	rBV5	27272	46611	1.12%	0.135%
31	15.968	2356	2360	2367	rVB	83326	134968	3.25%	0.391%
32	16.415	2432	2436	2443	rVB9	36978	67138	1.62%	0.195%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

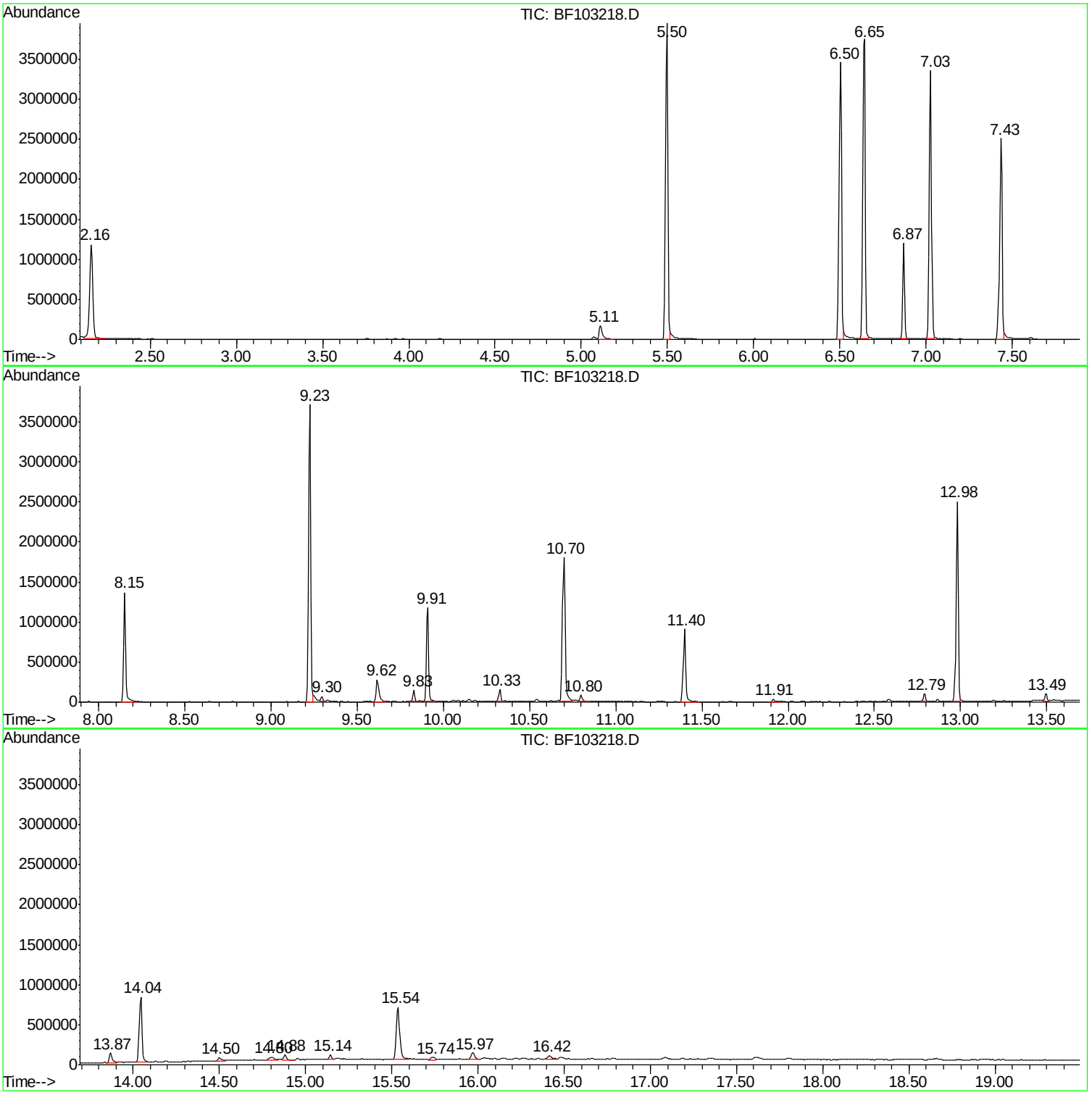
Sum of corrected areas: 34496185

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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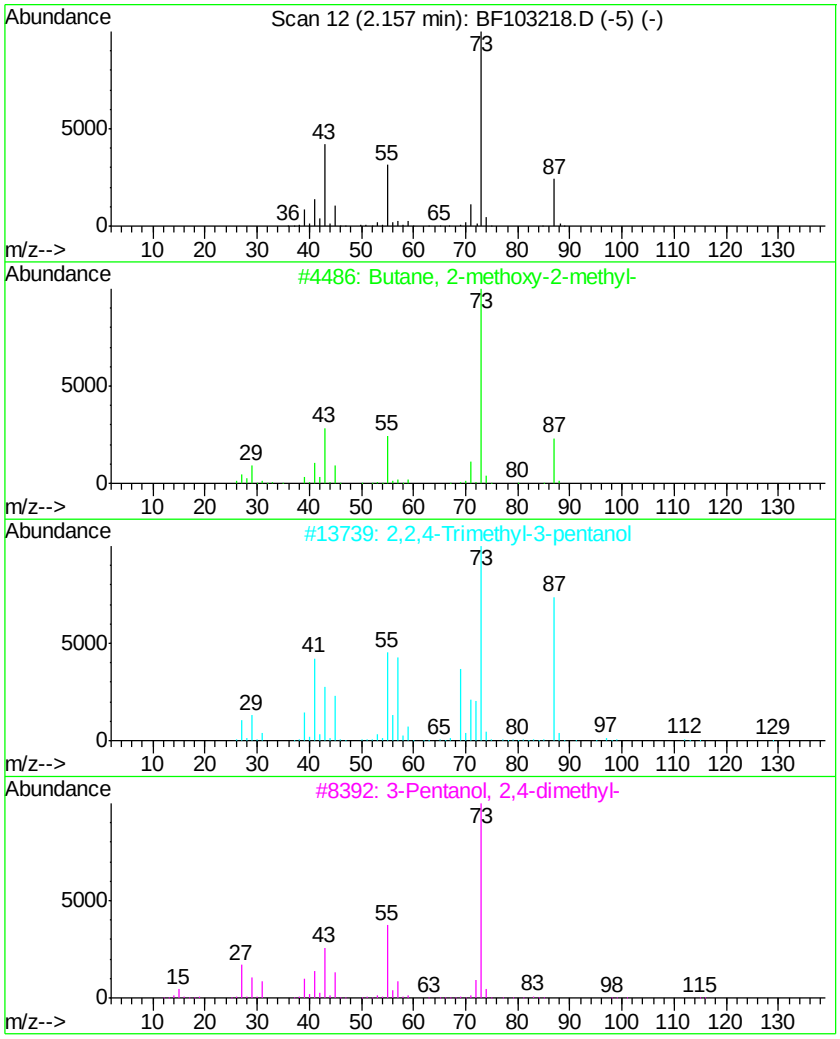
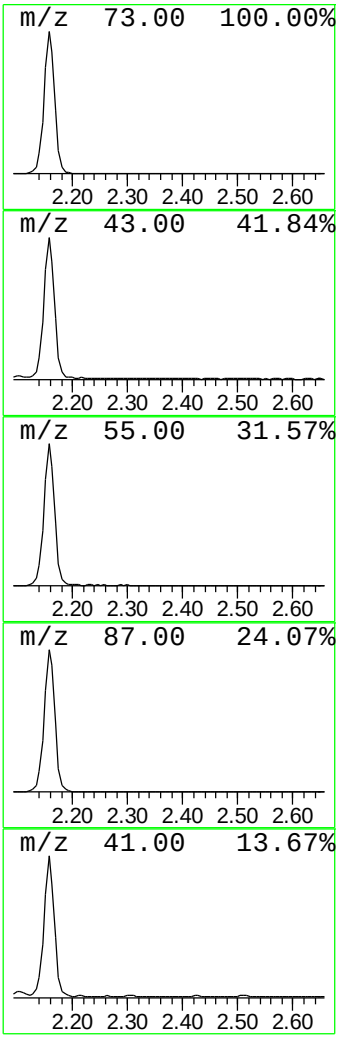
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	34.24 ng	1634110	1,4-Dichlorobenzene-d4	6.87

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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

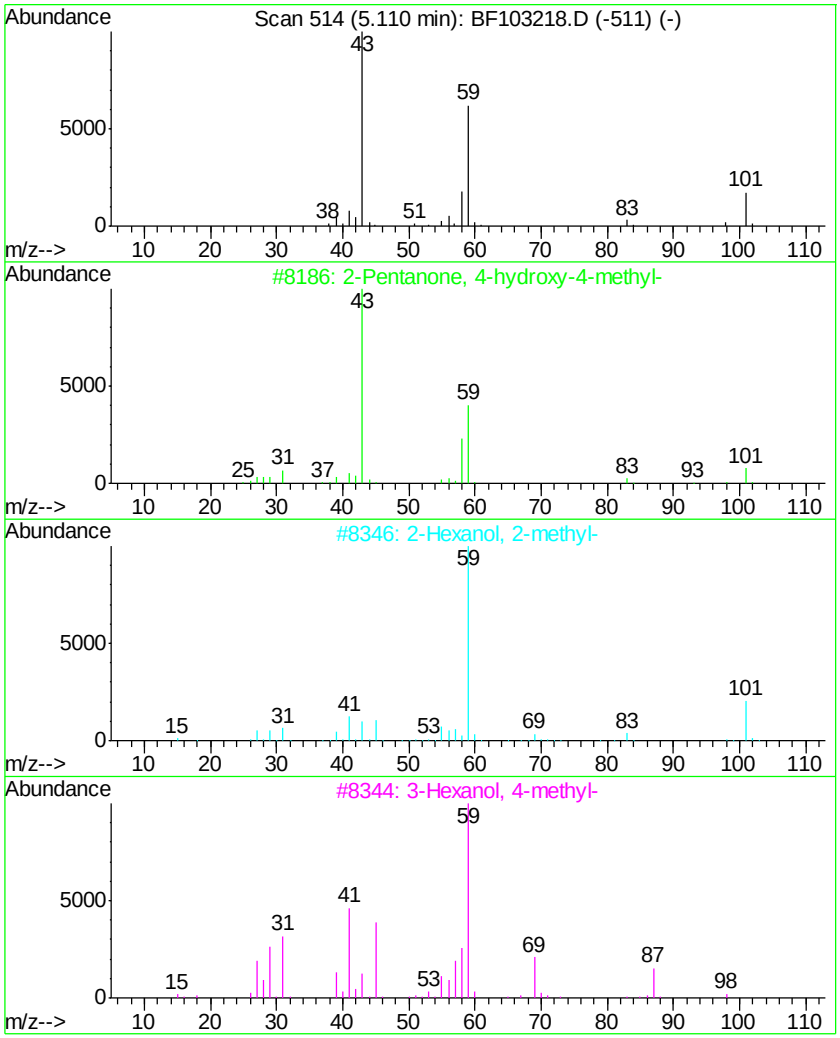
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

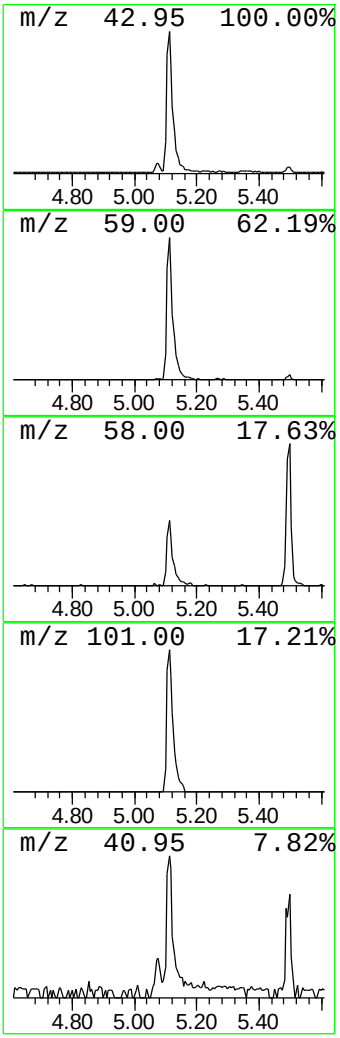
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	4.98 ng	237586	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

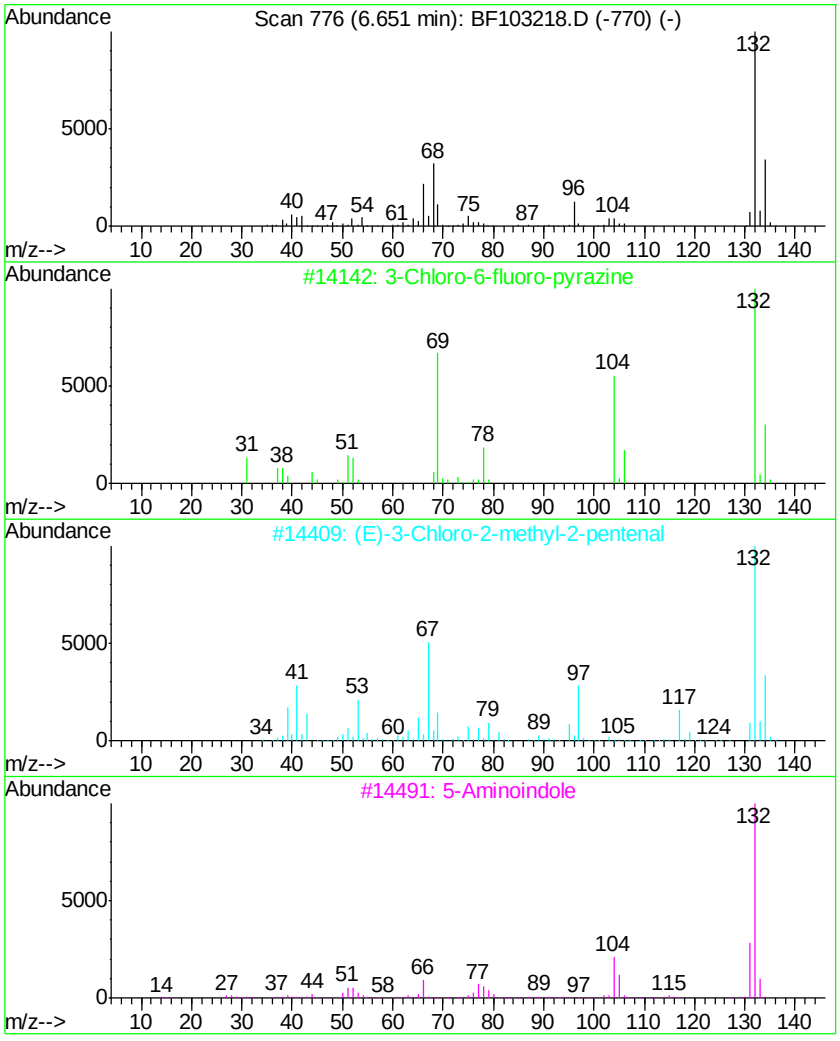
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

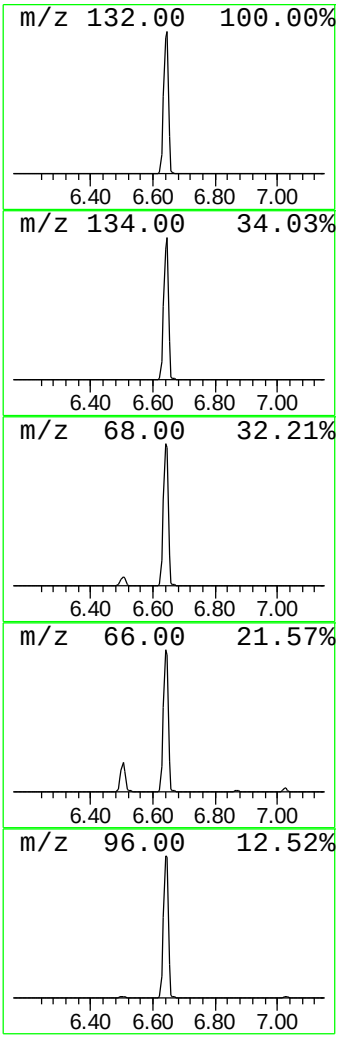
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	83.02 ng	3962400	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

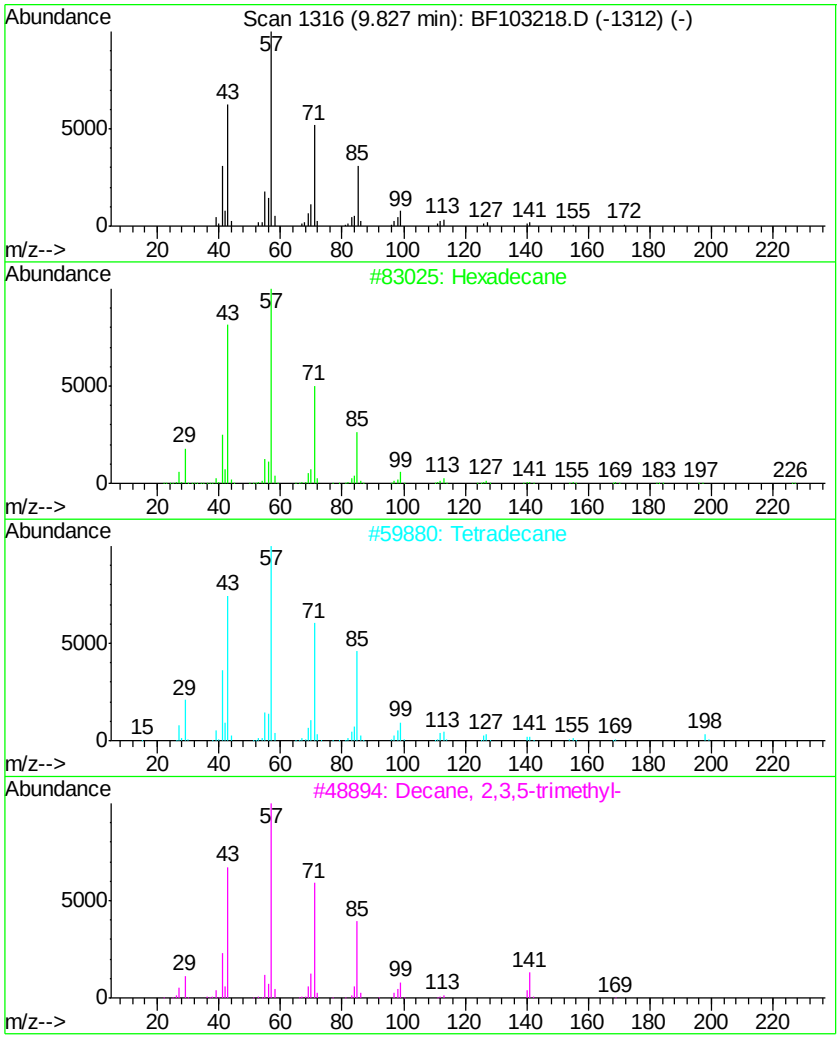
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

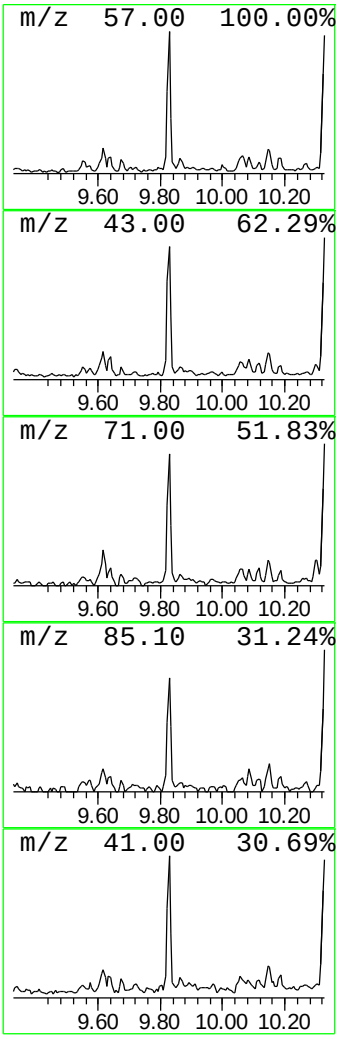
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.03 ng	111183	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Pentadecane	212	C15H32	000629-62-9	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

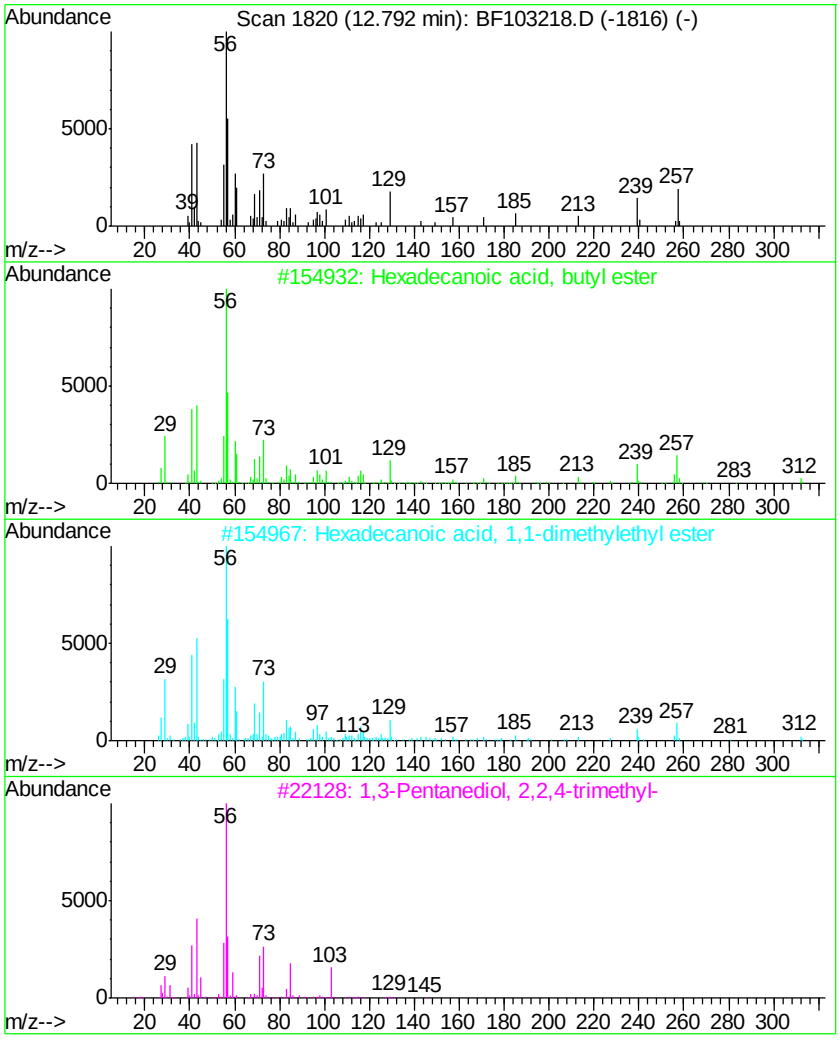
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

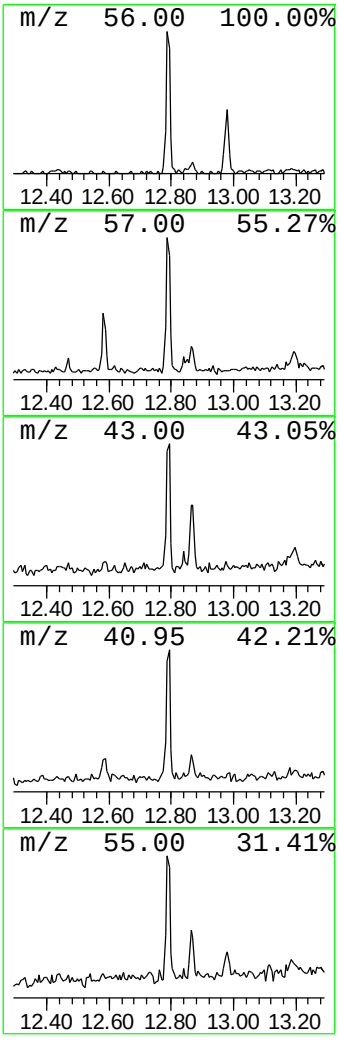
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.14 ng	89979	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	43
4	(n-Butylthio)acetonitrile	129	C6H11NS	071037-08-6	37
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32





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Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

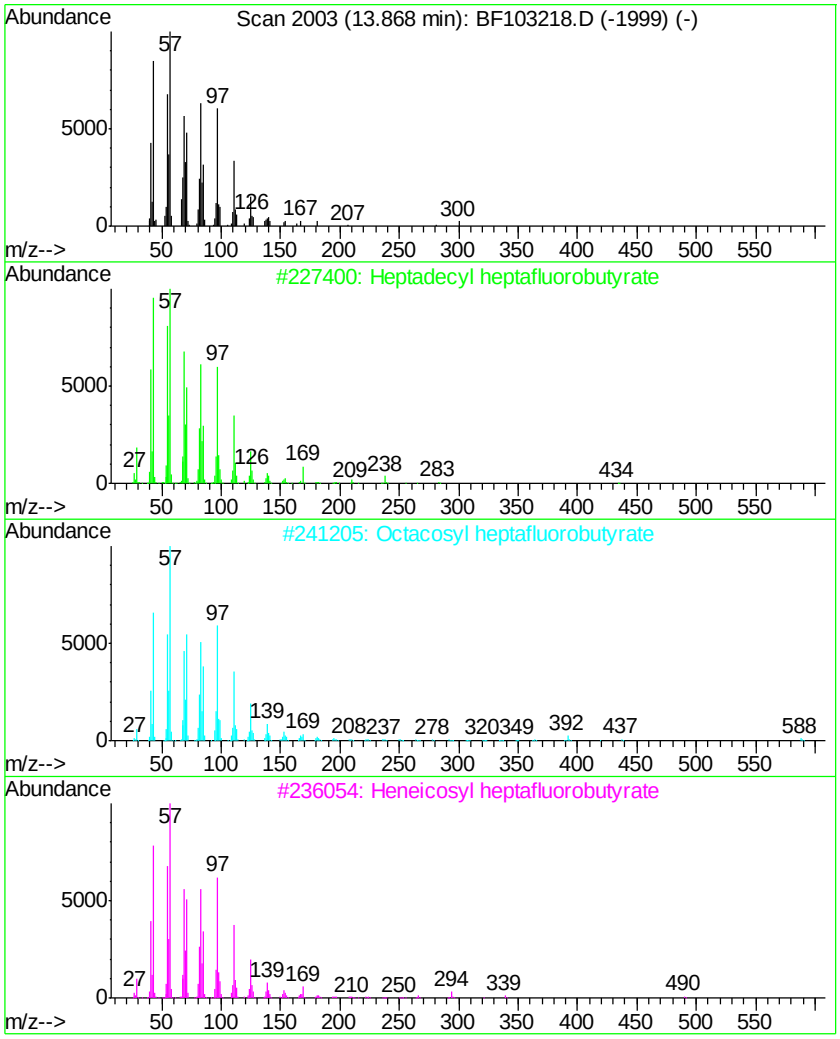
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

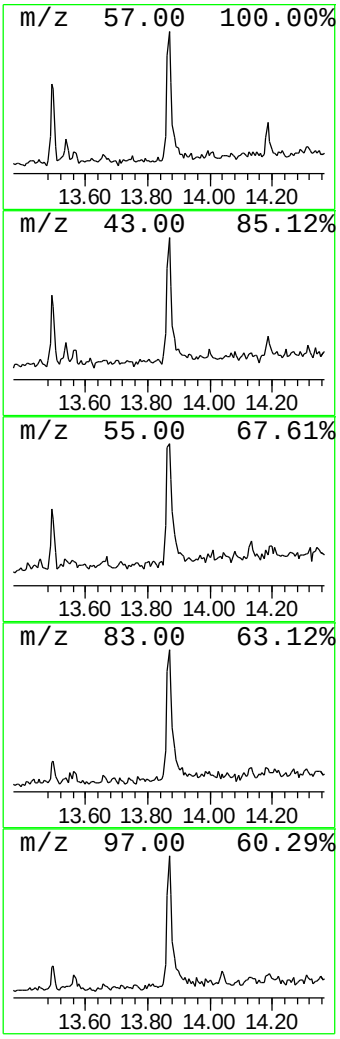
****

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.80 ng	159253	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91





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Acq On : 26 Feb 2018 15:00
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Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REID-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

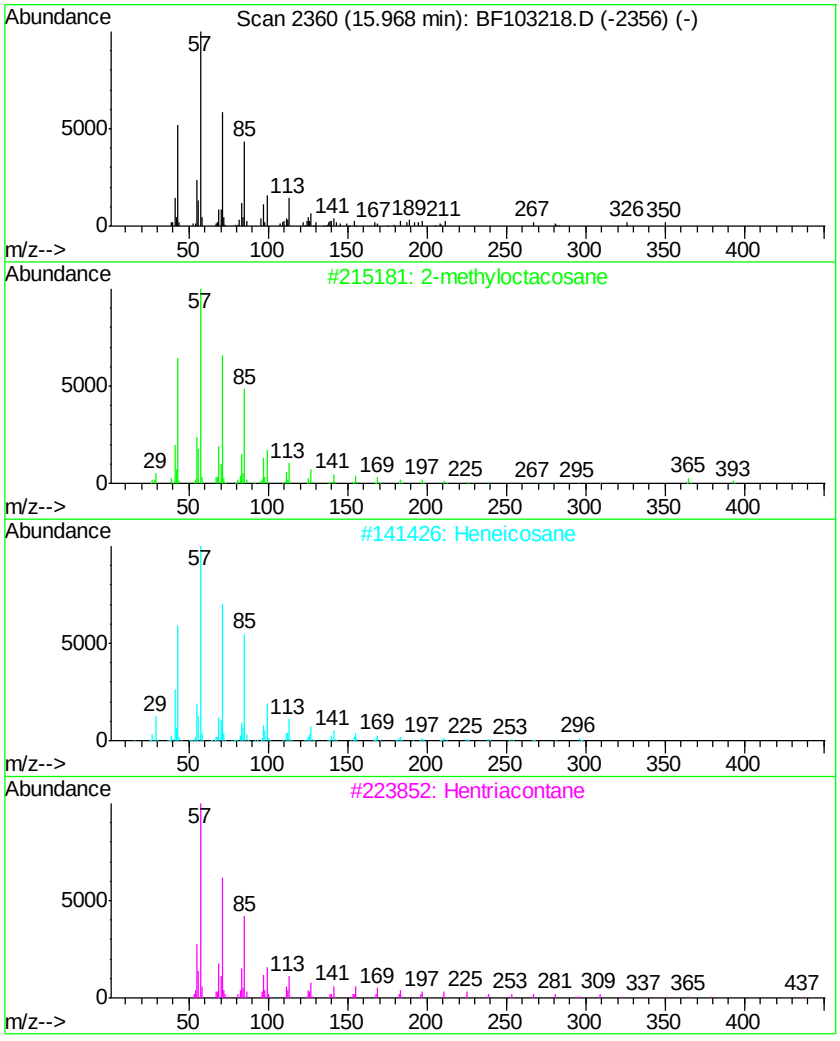
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

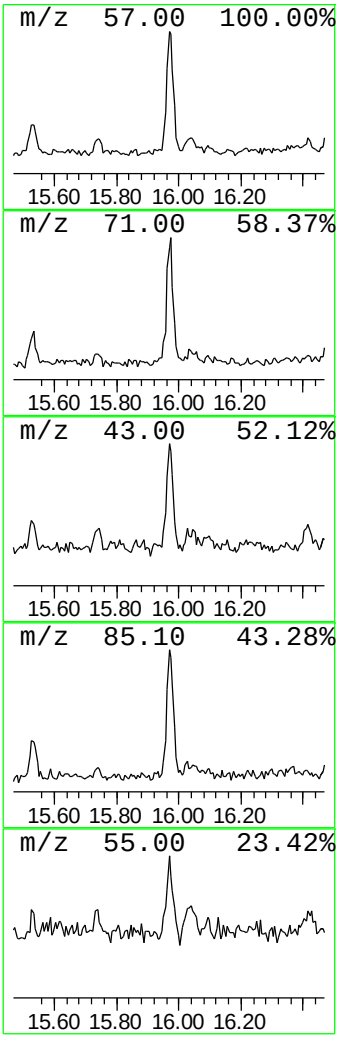
****

Peak Number 8 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.04 ng	134968	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Tentatively Identified Compound (LSC) summary

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Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
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Instrument : BNA_F
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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	34.2	ng	1634110	1	6.87	954599	20.0
2-Pentanone, 4-hy...	5.11	5.0	ng	237586	1	6.87	954599	20.0
unknown6.65	6.65	83.0	ng	3962400	1	6.87	954599	20.0
Hexadecane	9.83	2.0	ng	111183	3	9.91	1095540	20.0
Hexadecanoic acid...	12.79	2.1	ng	89979	5	14.04	839034	20.0
Heptadecyl heptaf...	13.87	3.8	ng	159253	5	14.04	839034	20.0
2-methyloctacosane	15.97	3.0	ng	134968	6	15.54	889202	20.0