LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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	2.152	5	11	26	rVB	815383	1166038	29.54%	3.269%
2	5.110	511	514	525	rVB	102793	131601	3.33%	0.369%
3	5.493	574	579	583	rBV	3741313	3947535	100.00%	11.067%
4	6.504	745	751	754	rBV	3535379	3832018	97.07%	10.743%
5	6.645	770	775	778	rBV	3861437	3869912	98.03%	10.849%
6	6.875	810	814	817	rBV	1219909	1064171	26.96%	2.983%
7	7.028	836	840	844	rBV	3081827	2855212	72.33%	8.005%
8	7.434	904	909	913	rBV	2360071	2528299	64.05%	7.088%
9	8.157	1028	1032	1035	rBV	1582364	1418941	35.94%	3.978%
10	9.228	1210	1214	1217	rBV	3953648	3641074	92.24%	10.208%
11	9.304	1223	1227	1229	rBV	72178	62823	1.59%	0.176%
12	9.616	1277	1280	1284	rBV	206542	216073	5.47%	0.606%
13	9.769	1302	1306	1309	rBV	67138	61325	1.55%	0.172%
14	9.833	1309	1317	1321	rVV	210772	220203	5.58%	0.617%
15	9.910	1326	1330	1334	rVB	1663751	1422812	36.04%	3.989%
16	10.063	1350	1356	1359	rBV2	26272	42111	1.07%	0.118%
17	10.151	1368	1371	1375	rBV2	51095	49276	1.25%	0.138%
18	10.333	1399	1402	1404	rVB	207949	179461	4.55%	0.503%
19	10.551	1435	1439	1442	rBV	55944	71190	1.80%	0.200%
20	10.698	1460	1464	1467	rBV	2014521	1785065	45.22%	5.004%
21	10.804	1479	1482	1492	rVB	176229	190796	4.83%	0.535%
22	10.992	1511	1514	1519	rBV4	25438	41174	1.04%	0.115%
23	11.251	1555	1558	1560	rBV	74069	56113	1.42%	0.157%
24	11.398	1579	1583	1585	rBV	1188184	1095265	27.75%	3.071%
25	11.416	1585	1586	1590	rVB	87595	65583	1.66%	0.184%
26	11.910	1664	1670	1677	rBV3	98487	190089	4.82%	0.533%
27	12.004	1683	1686	1689	rBV2	57090	63378	1.61%	0.178%
28	12.192	1711	1718	1720	rBV5	25193	41698	1.06%	0.117%
29	12.445	1757	1761	1763	rBV	53894	50930	1.29%	0.143%
30	12.604	1785	1788	1792	rBV	80742	81014	2.05%	0.227%
31	12.833	1822	1827	1831	rBV	123262	155234	3.93%	0.435%
32	12.980	1848	1852	1855	rBV	2407414	2202126	55.78%	6.174%
33	13.051	1861	1864	1871	rBV6	26640	44587	1.13%	0.125%
34	13.163	1881	1883	1887	rVB2	38717	42351	1.07%	0.119%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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	13.857	1998	2001	2008	rBV	642761	672065	17.02%	1.884%
36	14.033	2027	2031	2034	rBV	962367	910458	23.06%	2.552%
37	14.492	2107	2109	2115	rBV5	49064	68319	1.73%	0.192%
38	15.510	2277	2282	2293	rBV	700056	939554	23.80%	2.634%
39	16.009	2363	2367	2376	rVB3	96037	194124	4.92%	0.544%

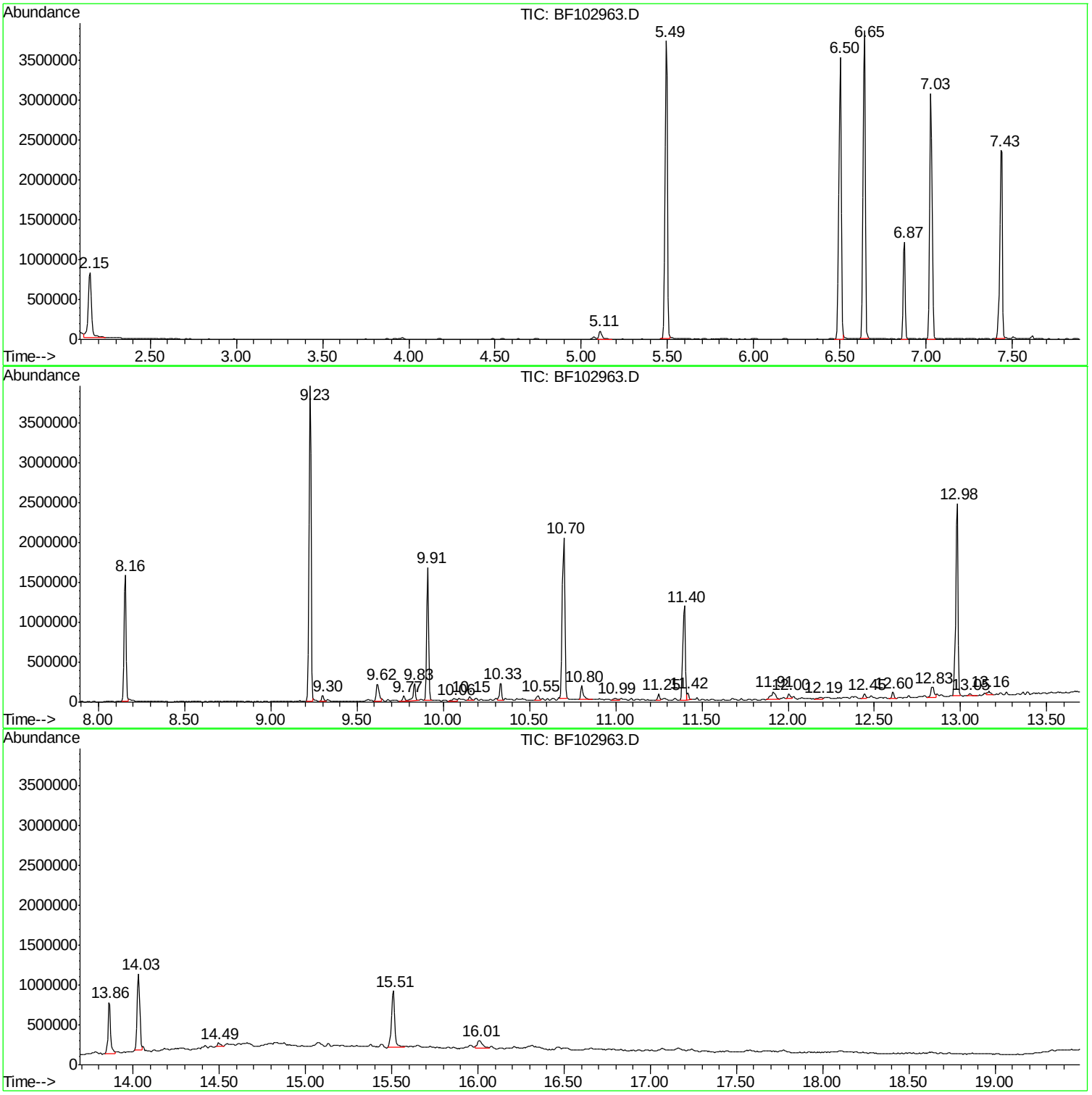
Sum of corrected areas: 35669998

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-D

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\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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

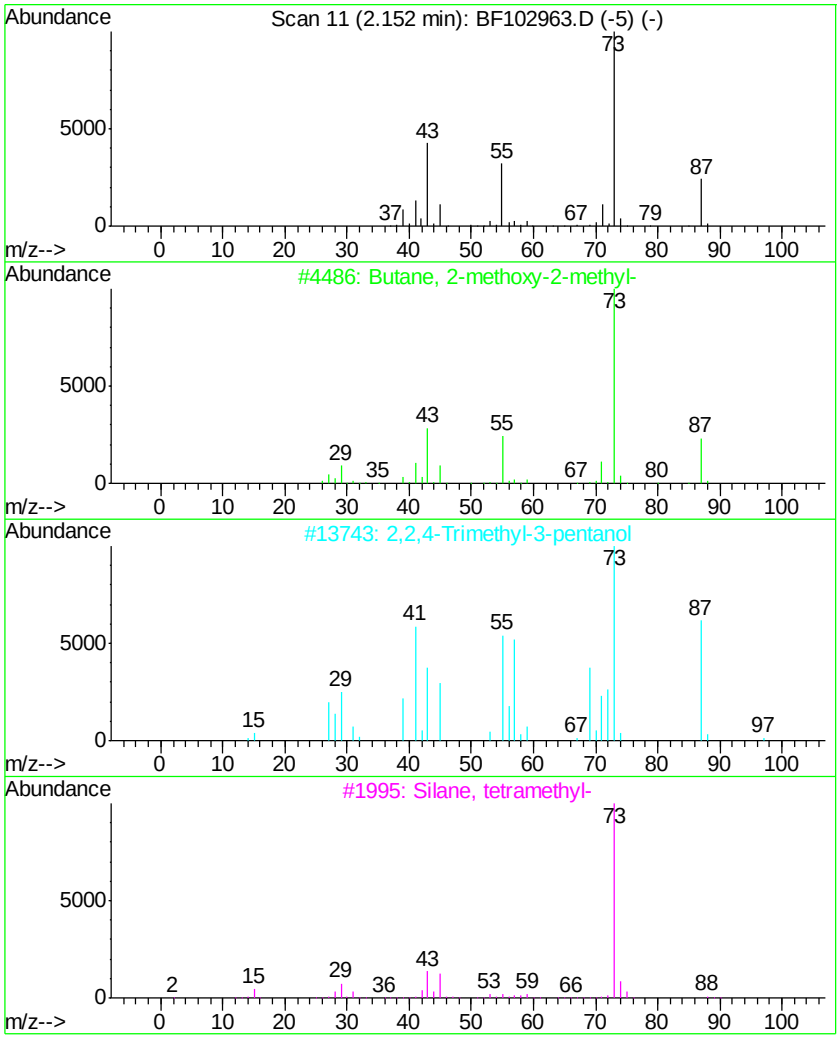
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

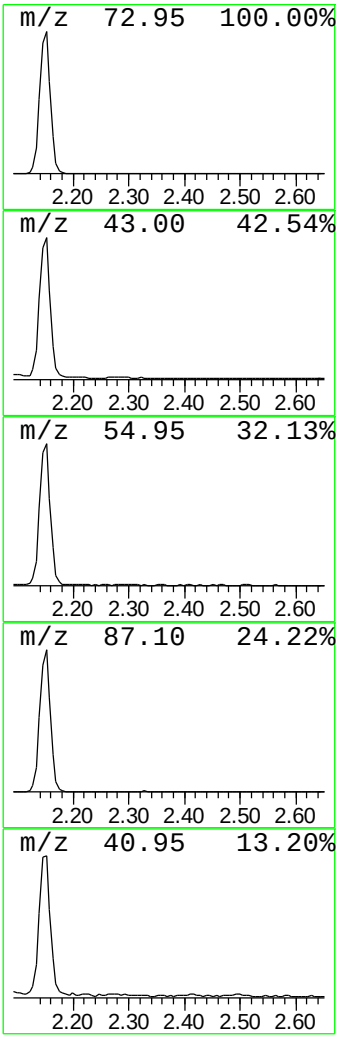
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	21.91 ng	1166040	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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

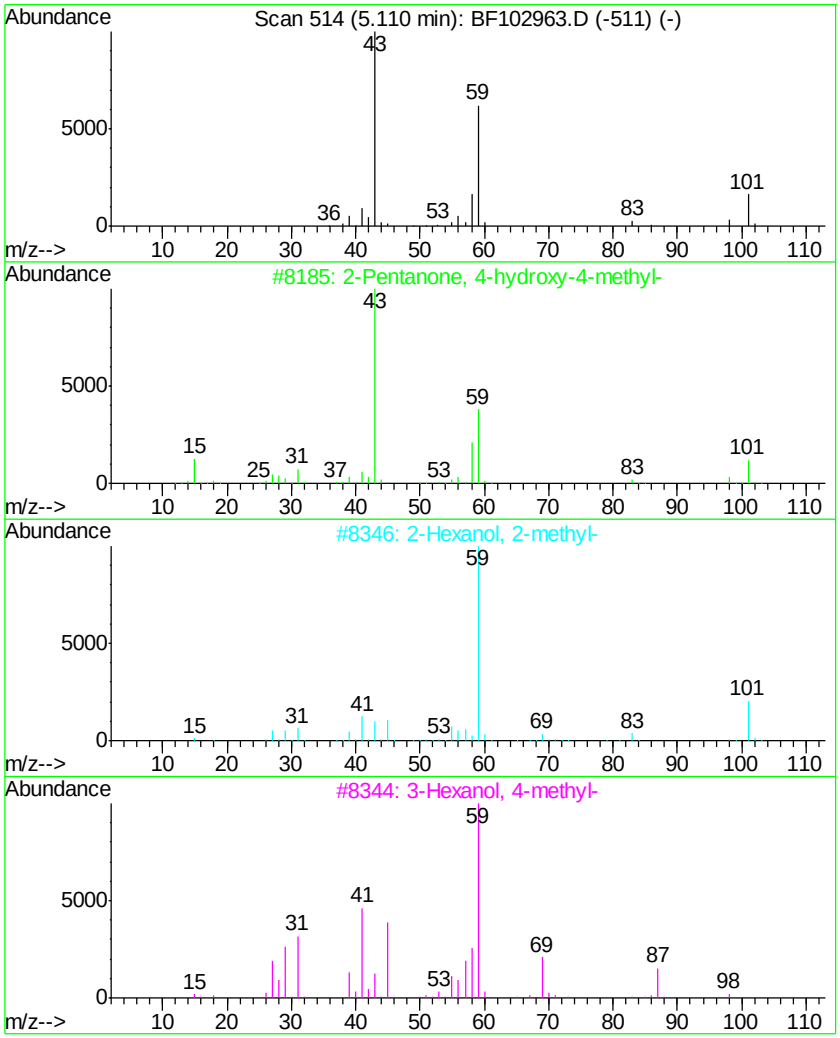
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

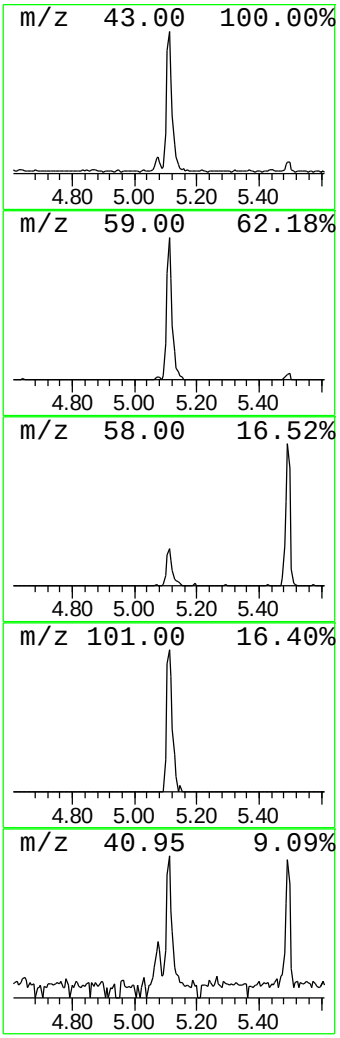
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.47 ng	131601	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	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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

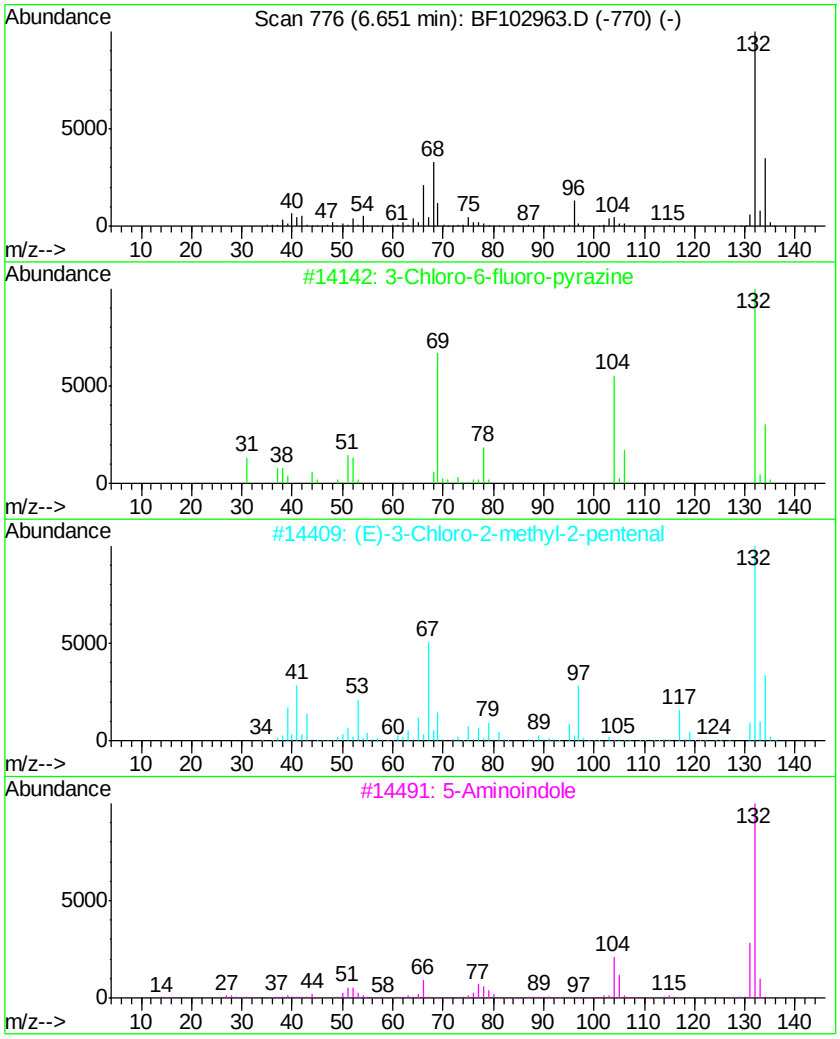
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

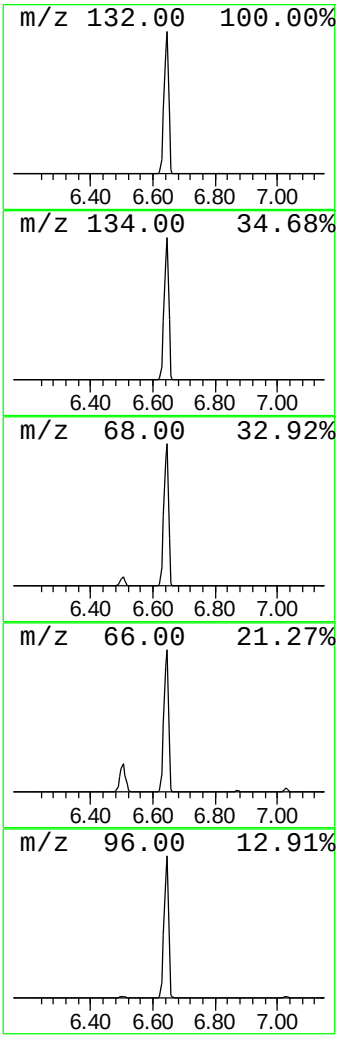
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.73 ng	3869910	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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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

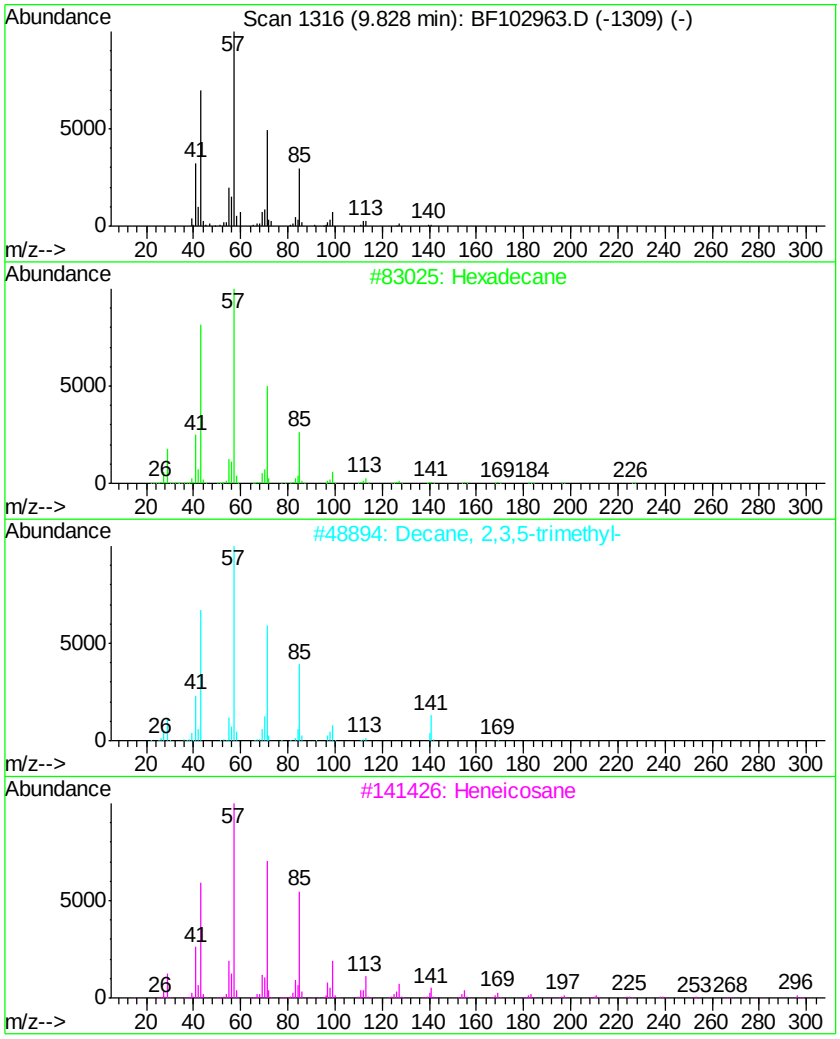
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

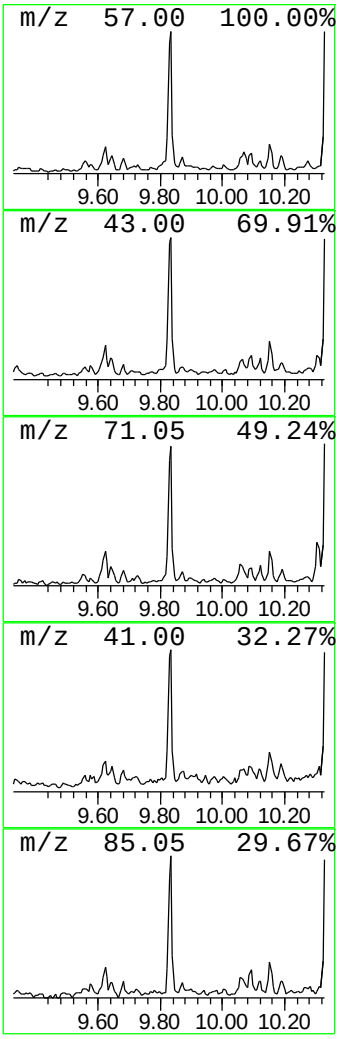
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.10 ng	220203	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Heneicosane	296	C21H44	000629-94-7	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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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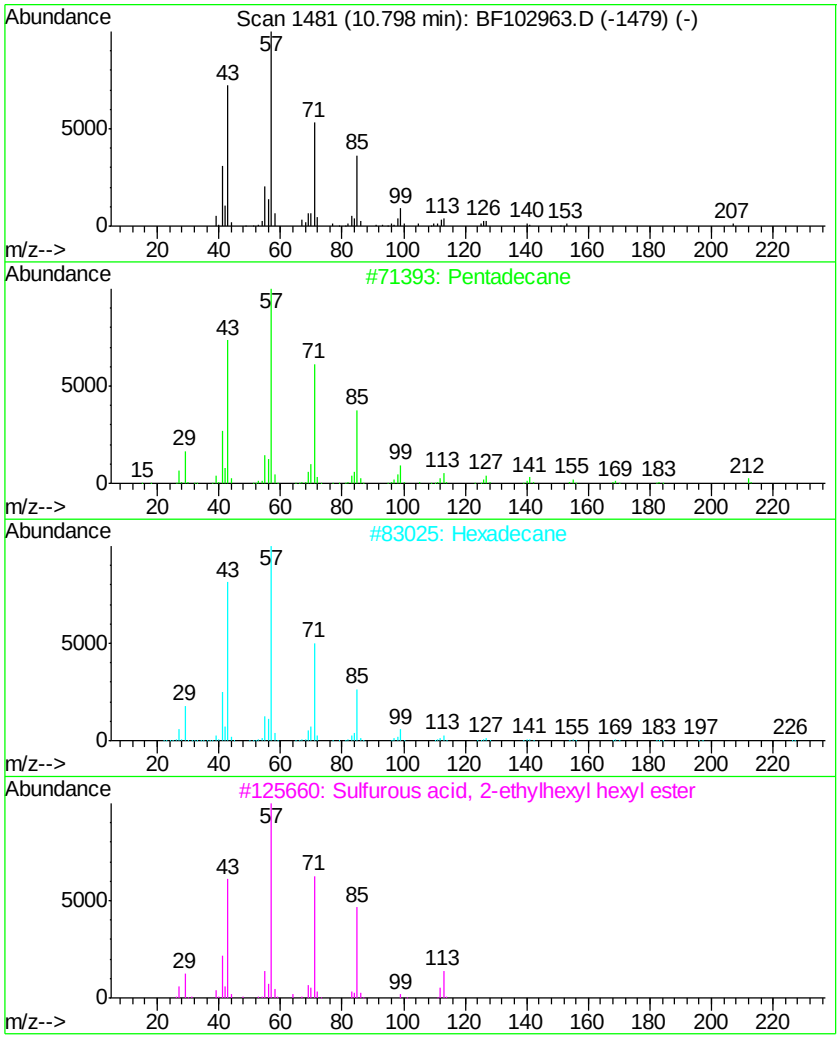
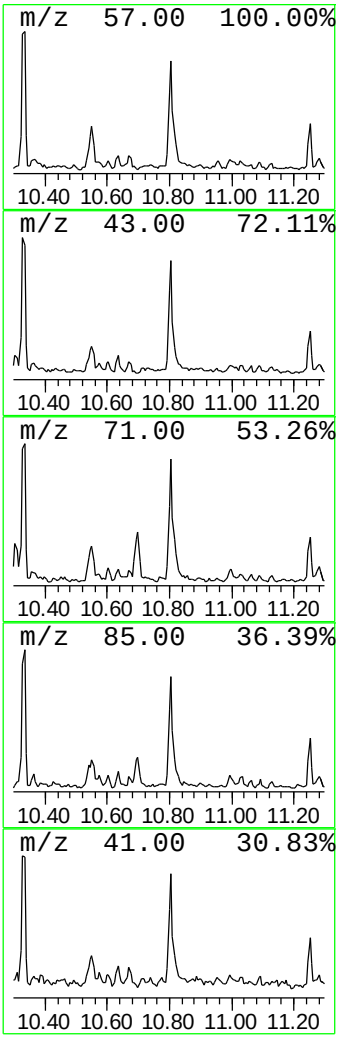
Peak Number 7 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.48 ng	190796	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Heptacosane	380	C27H56	000593-49-7	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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

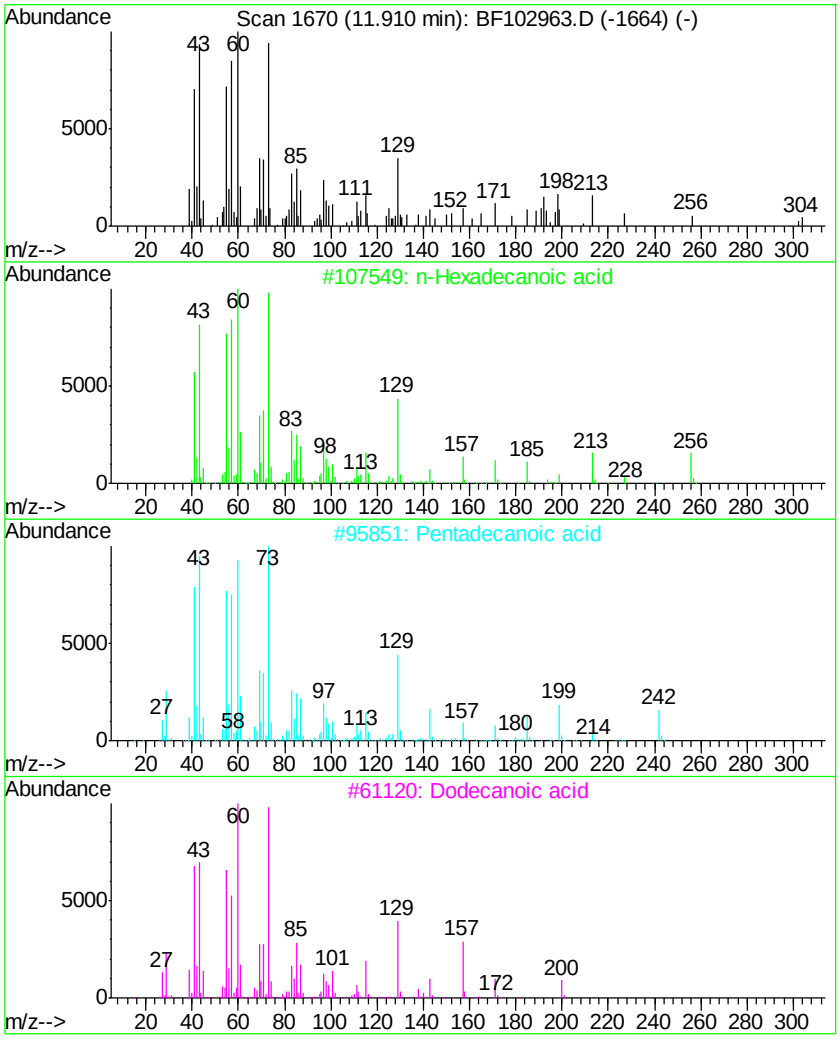
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

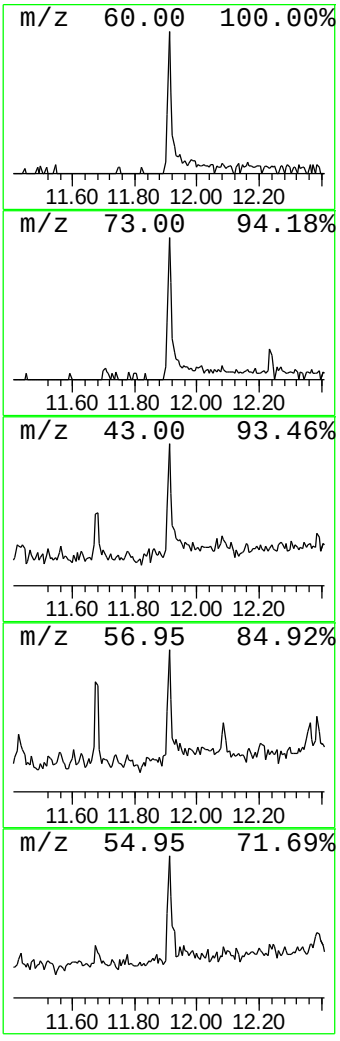
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.47 ng	190089	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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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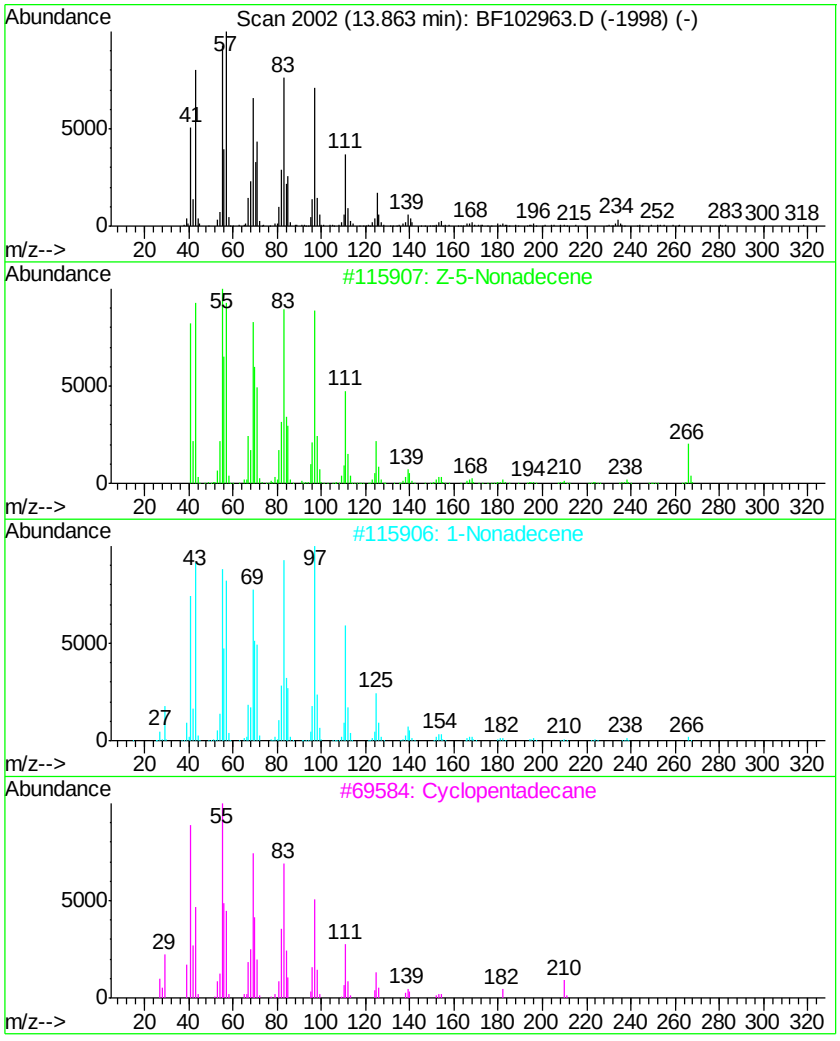
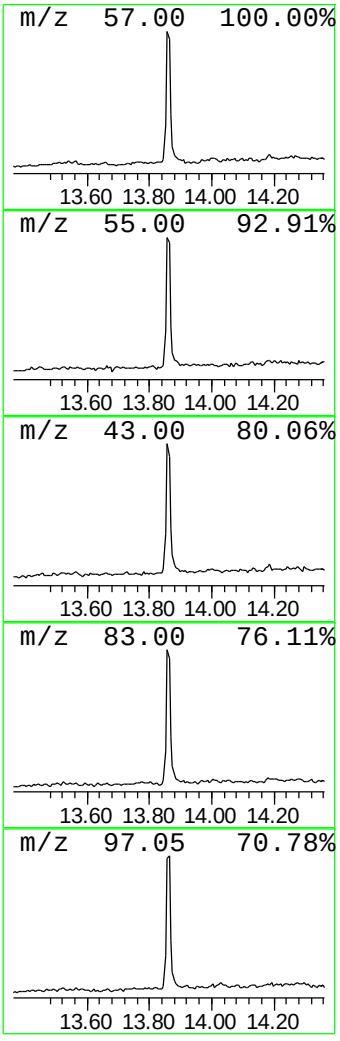
Peak Number 10 Z-5-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	14.76 ng	672065	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	98
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	Cyclopentadecane	210	C15H30	000295-48-7	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Docosene	308	C22H44	001599-67-3	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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

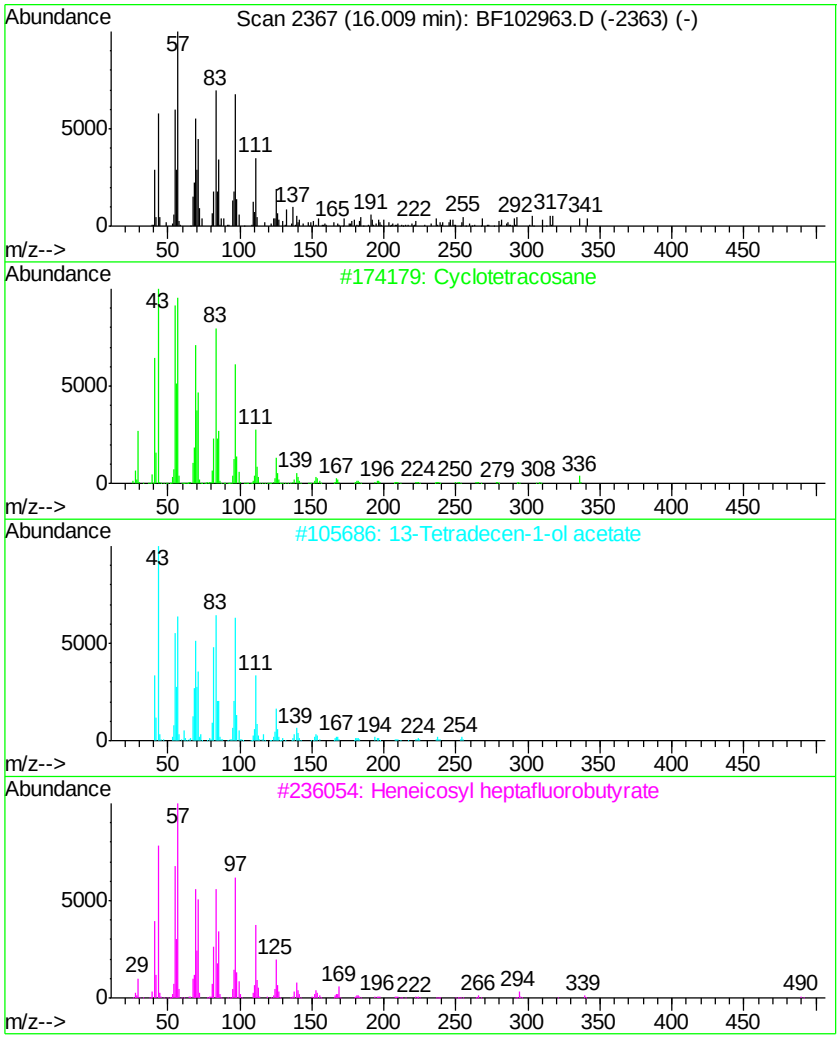
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

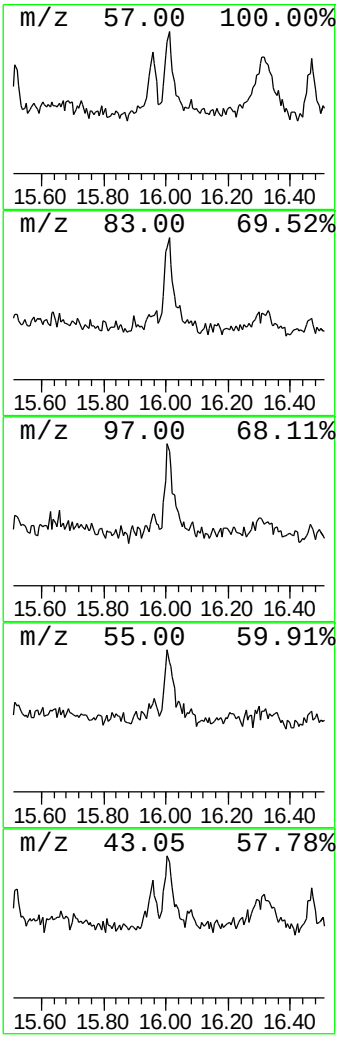
****

Peak Number 11 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	4.13 ng	194124	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021318\
Data File : BF102963.D
Acq On : 13 Feb 2018 15:57
Operator : SJ/JU
Sample : J1397-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-021218-D

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...	2.15	21.9	ng	1166040	1	6.87	1064170	20.0
2-Pentanone, 4-hy...	5.11	2.5	ng	131601	1	6.87	1064170	20.0
unknown6.65	6.65	72.7	ng	3869910	1	6.87	1064170	20.0
Hexadecane	9.83	3.1	ng	220203	3	9.91	1422810	20.0
Pentadecane	10.80	3.5	ng	190796	4	11.40	1095270	20.0
n-Hexadecanoic acid	11.91	3.5	ng	190089	4	11.40	1095270	20.0
Z-5-Nonadecene	13.86	14.8	ng	672065	5	14.03	910458	20.0
Cyclotetracosane	16.01	4.1	ng	194124	6	15.51	939554	20.0