LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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	2.175	10	15	23	rVB	538069	759312	16.08%	1.922%
2	5.122	512	516	523	rVB	123096	162014	3.43%	0.410%
3	5.510	576	582	585	rBV	4358834	4722899	100.00%	11.952%
4	6.516	747	753	765	rBV	4294601	4659627	98.66%	11.792%
5	6.657	772	777	780	rBV	4662190	4522314	95.75%	11.445%
6	6.886	812	816	819	rBV	1605602	1296894	27.46%	3.282%
7	7.045	838	843	846	rBV	3310844	3225009	68.28%	8.162%
8	7.451	906	912	915	rBV	2969327	3044027	64.45%	7.704%
9	7.628	938	942	945	rVB	57531	52512	1.11%	0.133%
10	8.169	1030	1034	1037	rBV	2011056	1670804	35.38%	4.228%
11	9.239	1212	1216	1220	rBV	3669840	3569345	75.58%	9.033%
12	9.316	1226	1229	1232	rVB	125150	96383	2.04%	0.244%
13	9.633	1279	1283	1286	rBV	469711	420285	8.90%	1.064%
14	9.845	1311	1319	1322	rBV	309563	279150	5.91%	0.706%
15	9.922	1329	1332	1337	rBV	1592847	1574153	33.33%	3.984%
16	10.169	1371	1374	1378	rVB2	63538	59688	1.26%	0.151%
17	10.345	1402	1404	1407	rVB	310144	225035	4.76%	0.570%
18	10.569	1437	1442	1444	rBV	71883	87652	1.86%	0.222%
19	10.710	1463	1466	1477	rVB	1924692	1984295	42.01%	5.022%
20	10.822	1481	1485	1494	rVB	252703	294988	6.25%	0.747%
21	10.974	1506	1511	1514	rVB2	39015	51955	1.10%	0.131%
22	11.269	1557	1561	1563	rBV	100257	80173	1.70%	0.203%
23	11.410	1581	1585	1589	rBV	1277383	1244869	26.36%	3.150%
24	11.927	1670	1673	1681	rBV	171051	194286	4.11%	0.492%
25	12.998	1851	1855	1858	rBV	2211570	2060735	43.63%	5.215%
26	13.468	1932	1935	1937	rVB	144156	107402	2.27%	0.272%
27	13.880	2002	2005	2013	rBV	546135	588376	12.46%	1.489%
28	14.051	2030	2034	2038	rBV	1031775	1056223	22.36%	2.673%
29	15.162	2220	2223	2227	rBV	191085	216524	4.58%	0.548%
30	15.539	2283	2287	2295	rVB	678363	945703	20.02%	2.393%
31	15.998	2362	2365	2370	rVB	197095	261750	5.54%	0.662%

Sum of corrected areas: 39514382

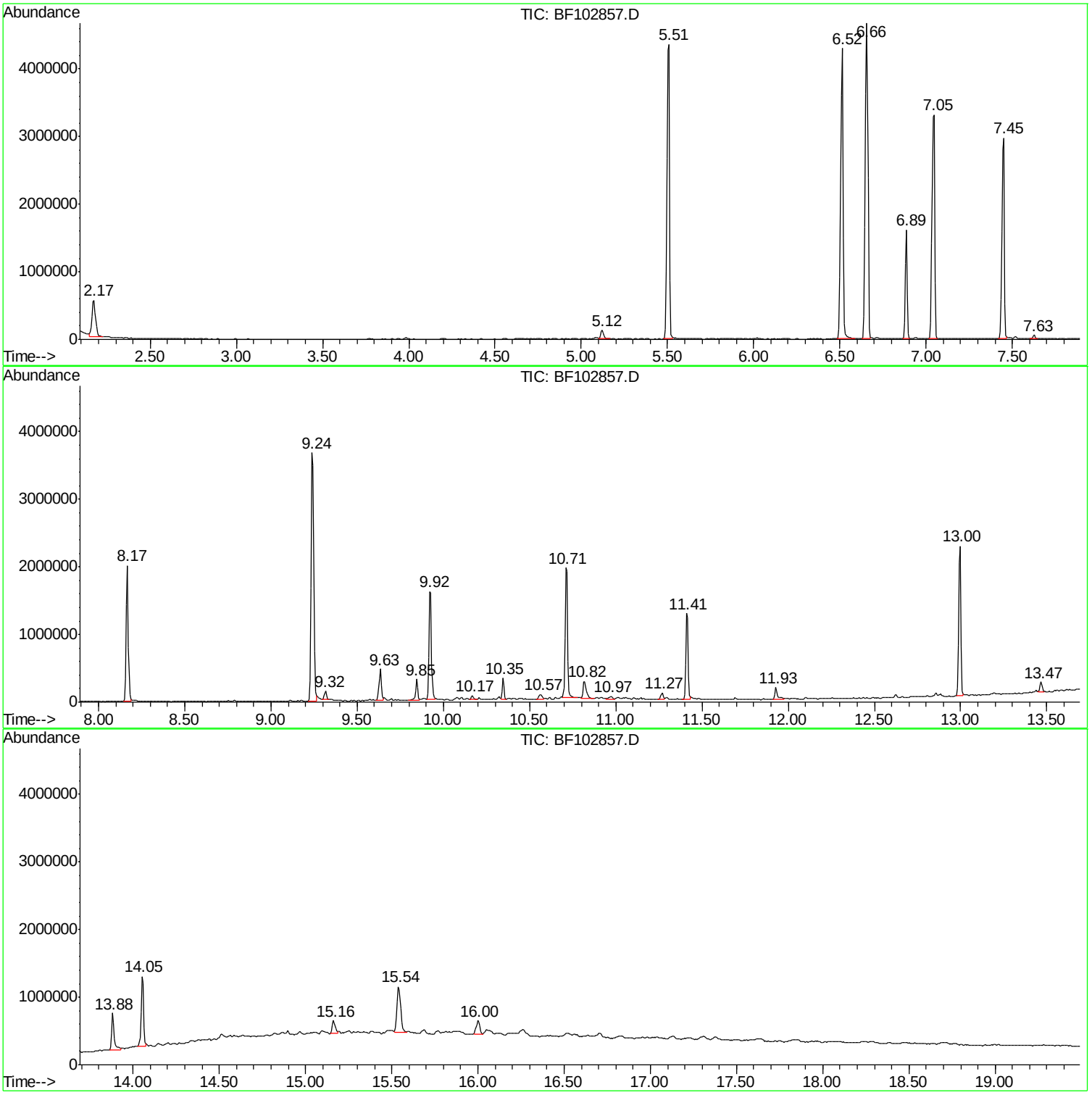
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

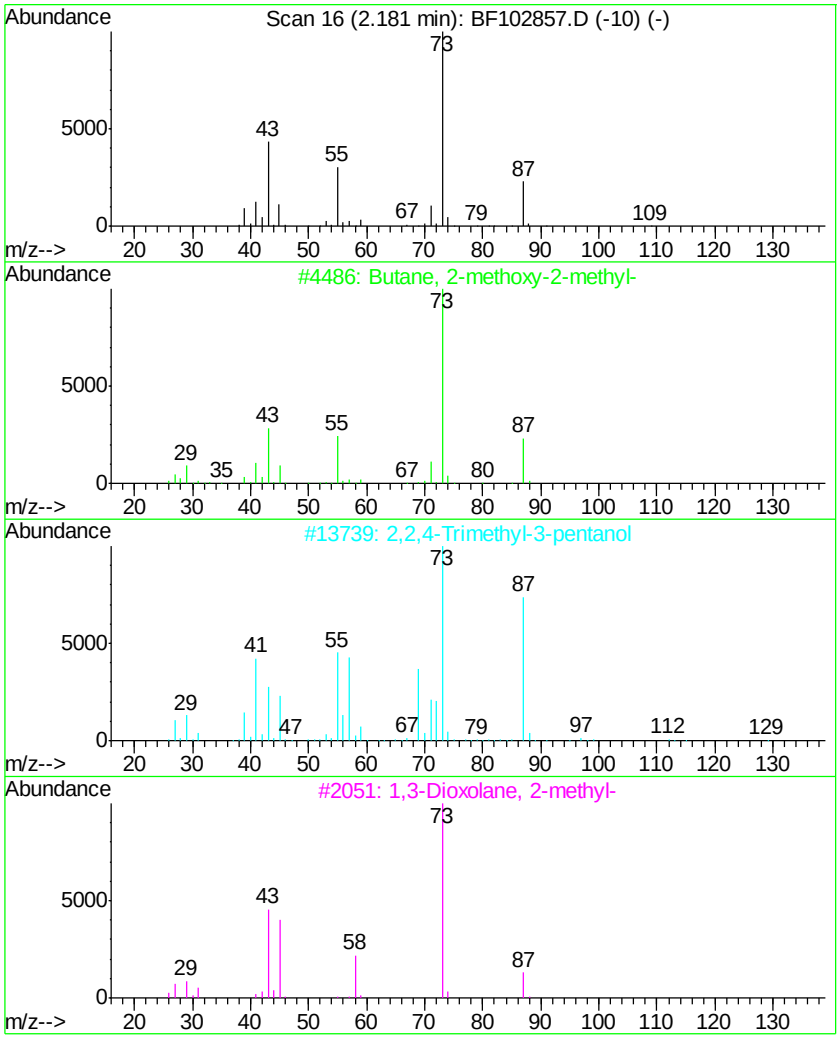
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

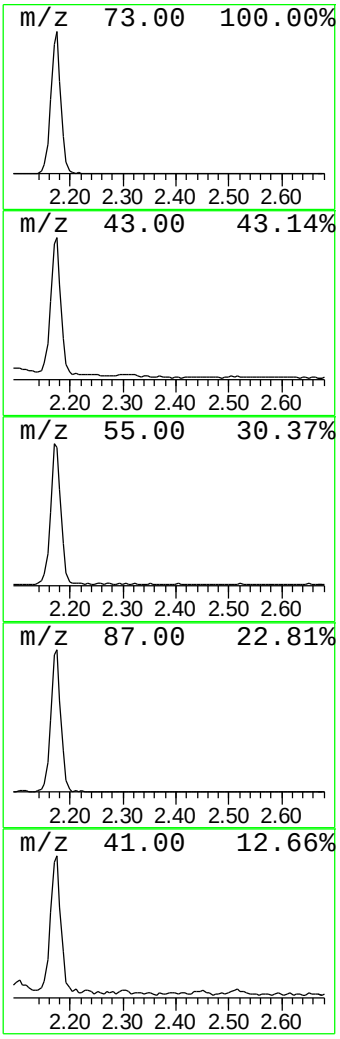
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	11.71 ng	759312	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	28
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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

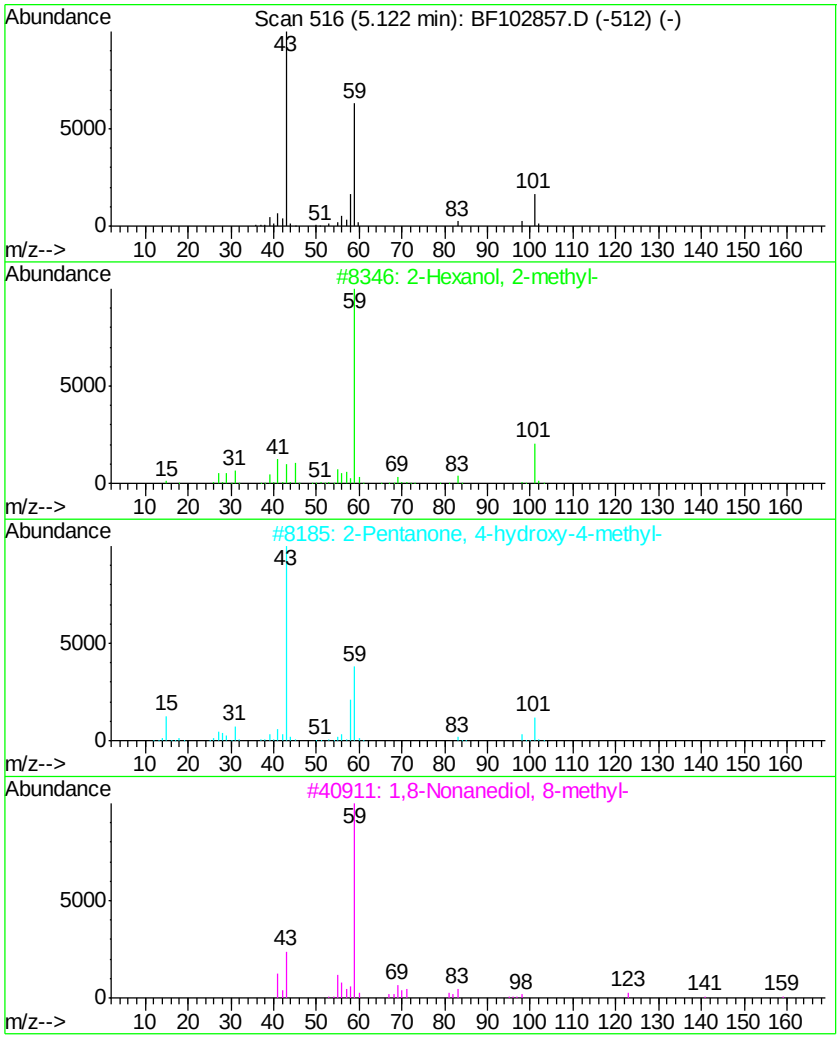
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

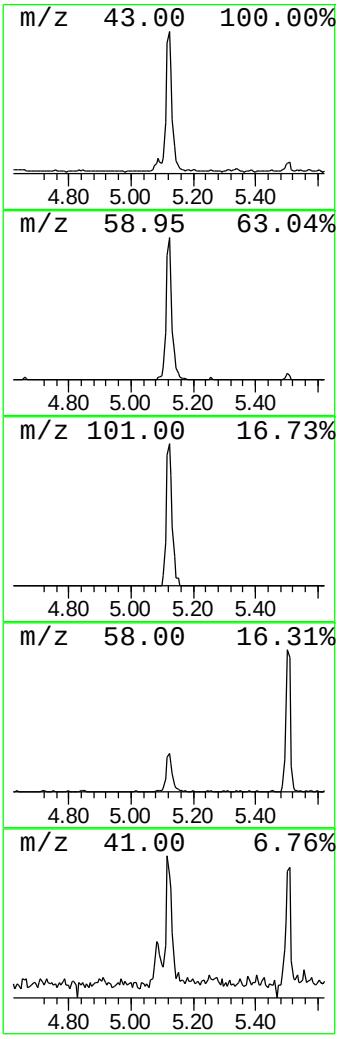
****

Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.50 ng	162014	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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

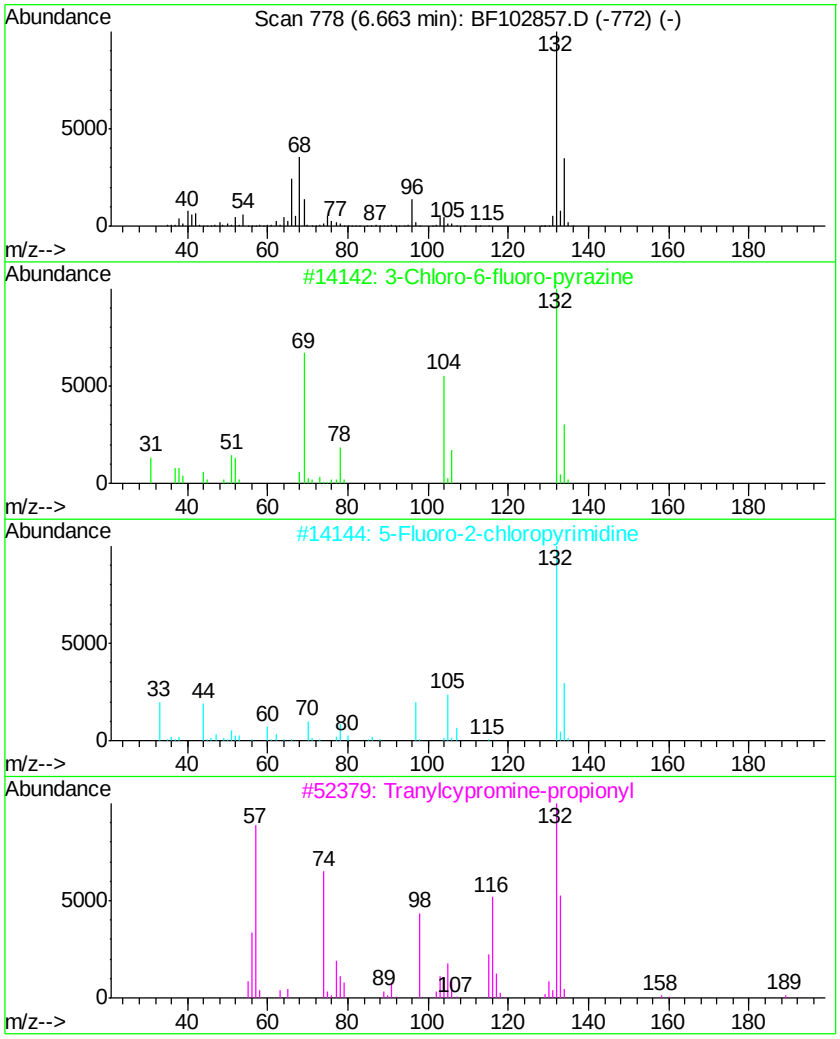
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

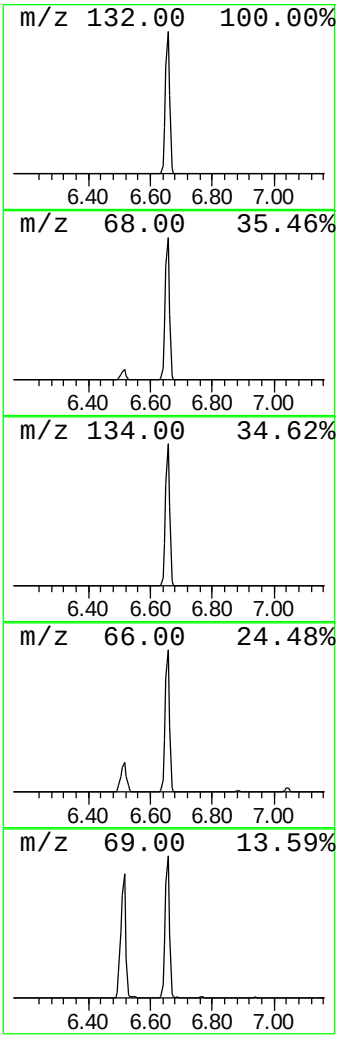
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	69.74 ng	4522310	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	35
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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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

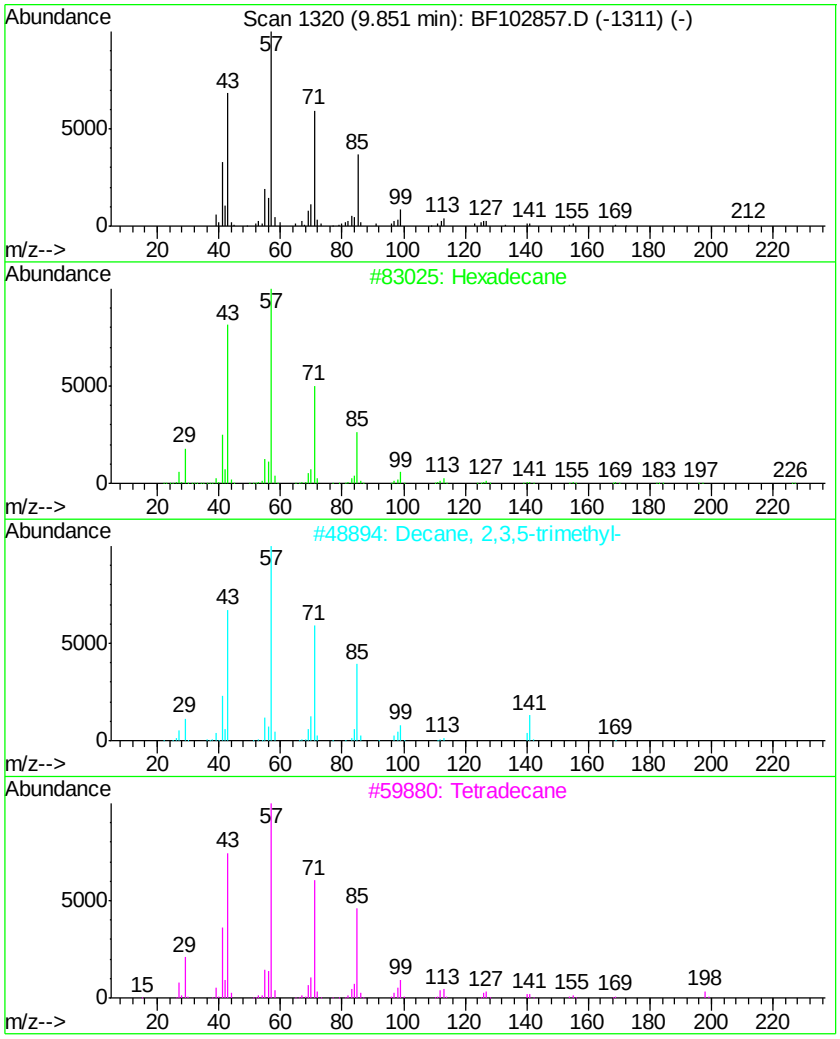
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

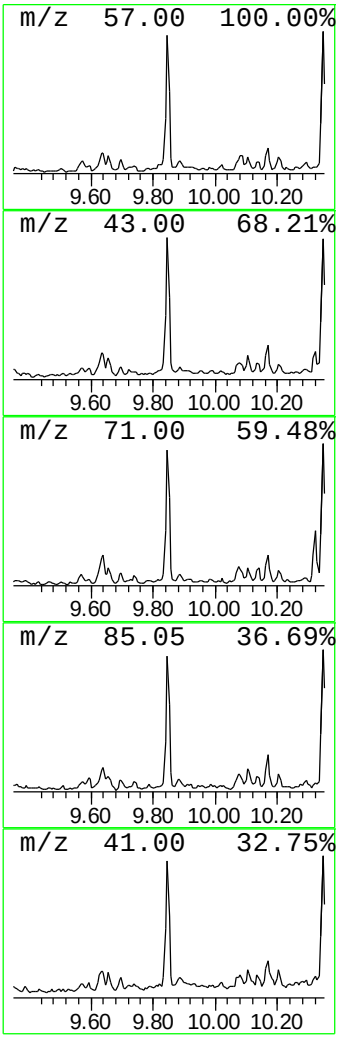
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.55 ng	279150	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
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Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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
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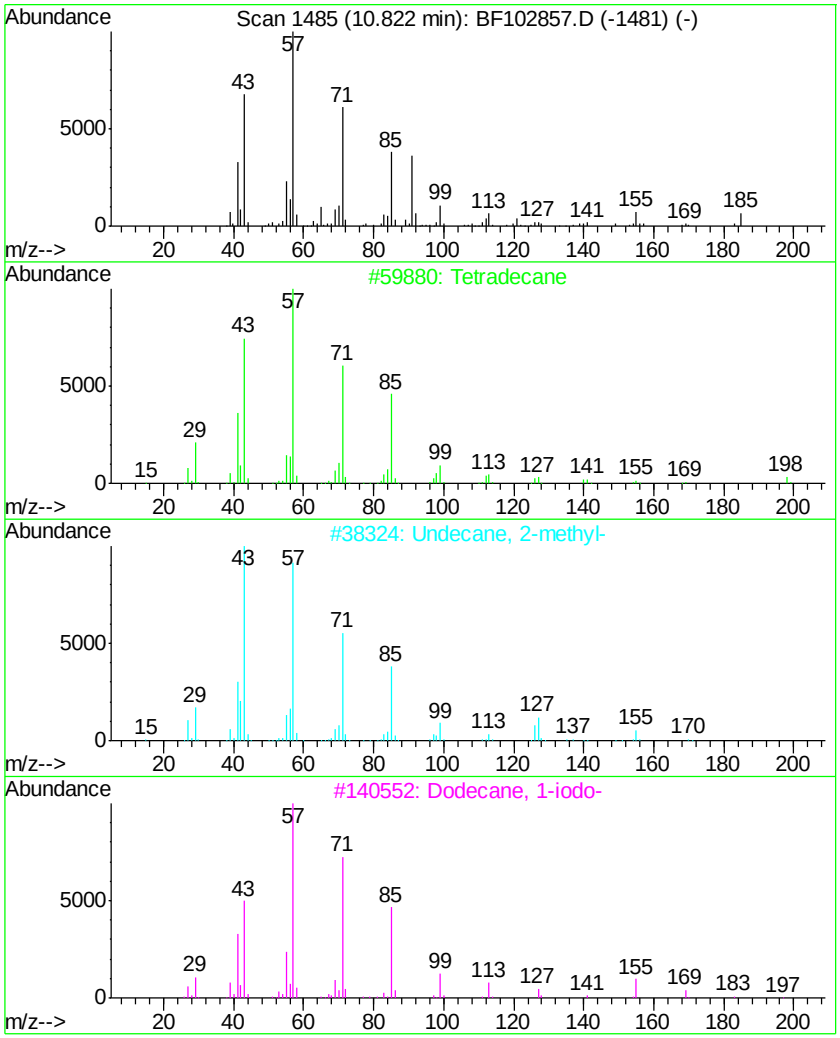
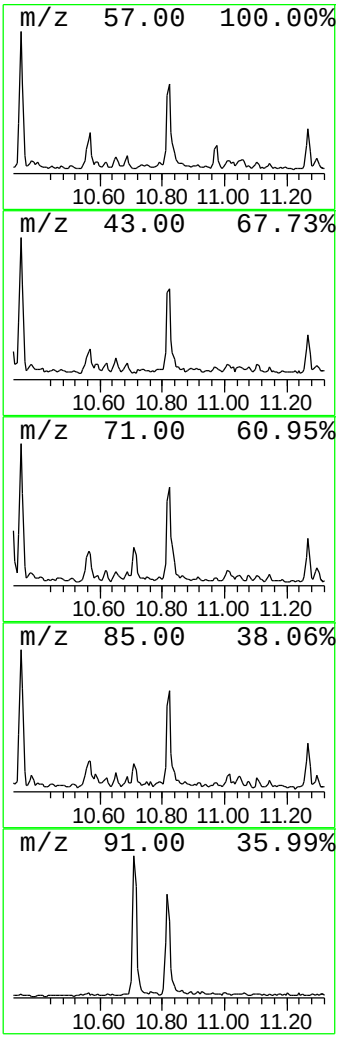
****

Peak Number 7 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.74 ng	294988	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Data File : BF102857.D
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Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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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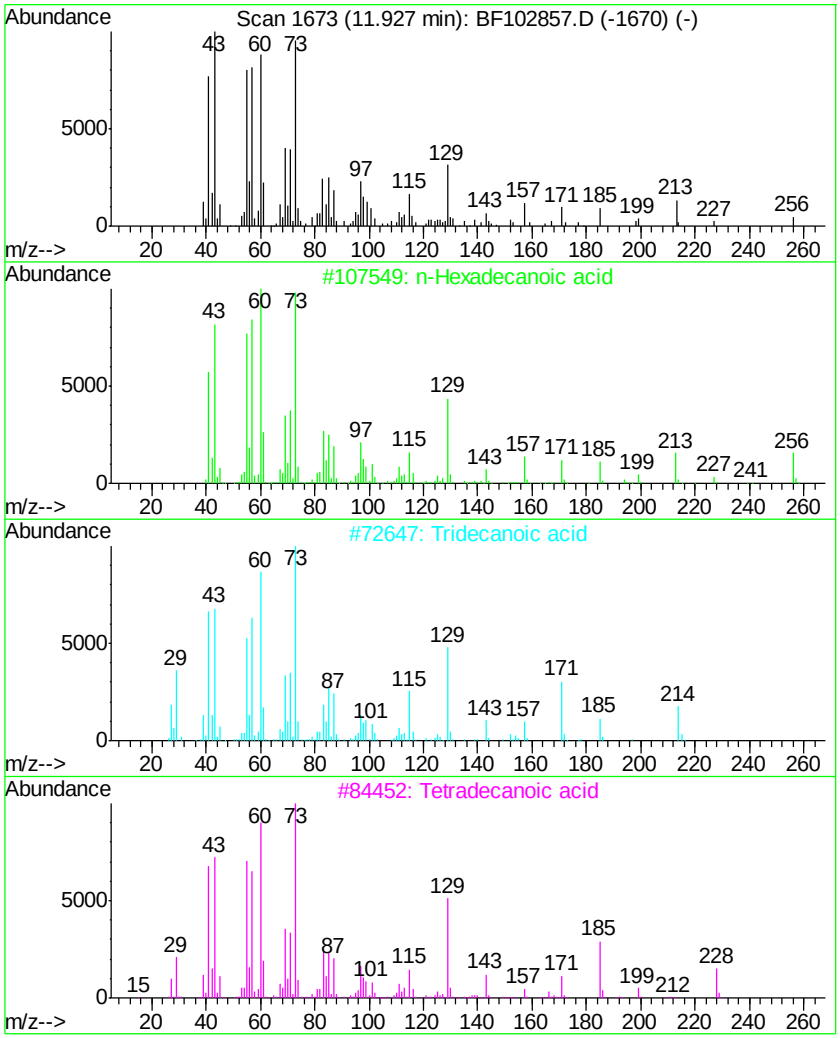
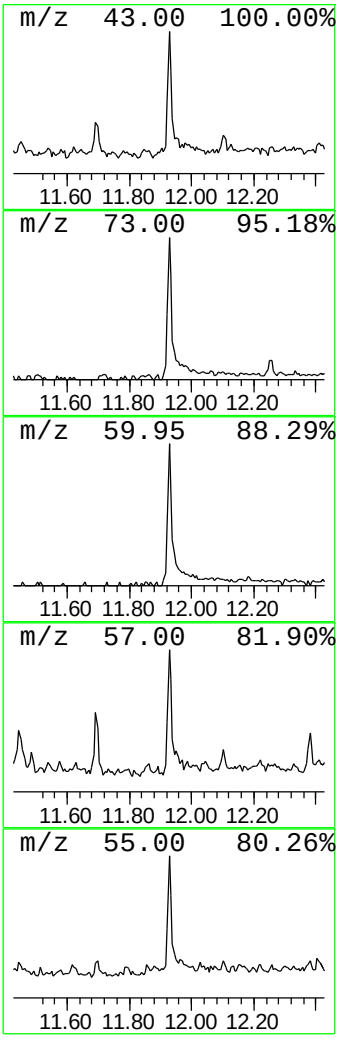
Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.12 ng	194286	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





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Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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

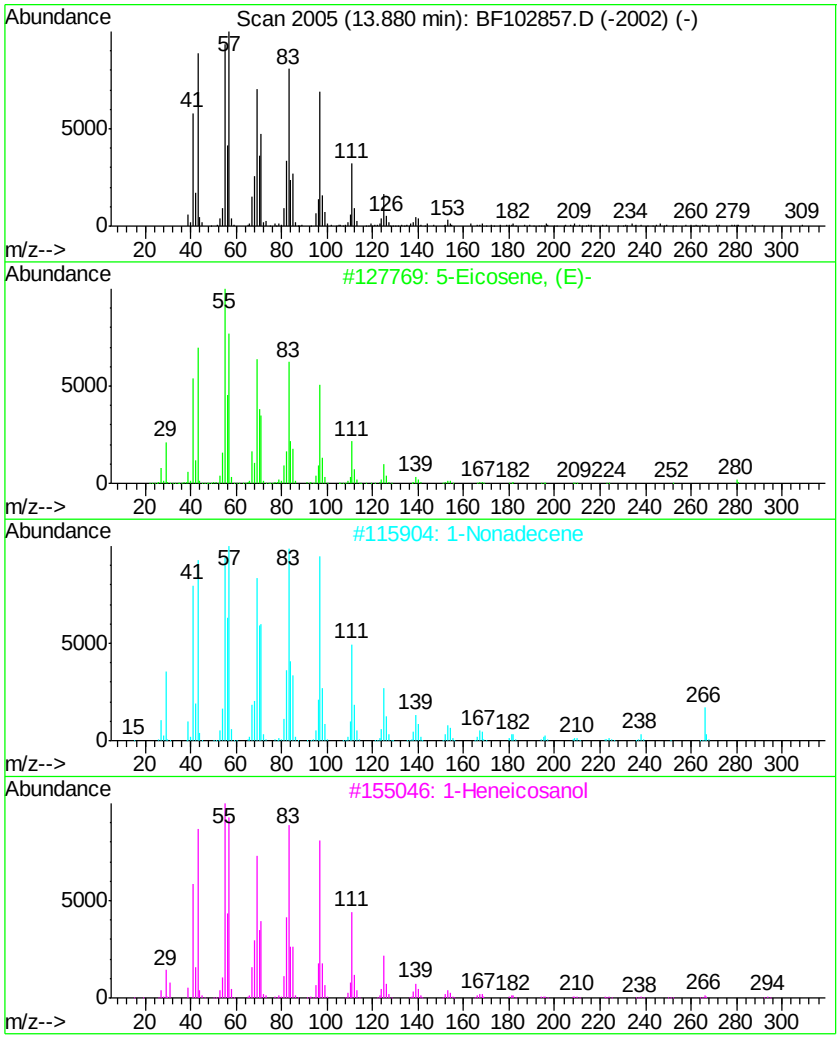
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

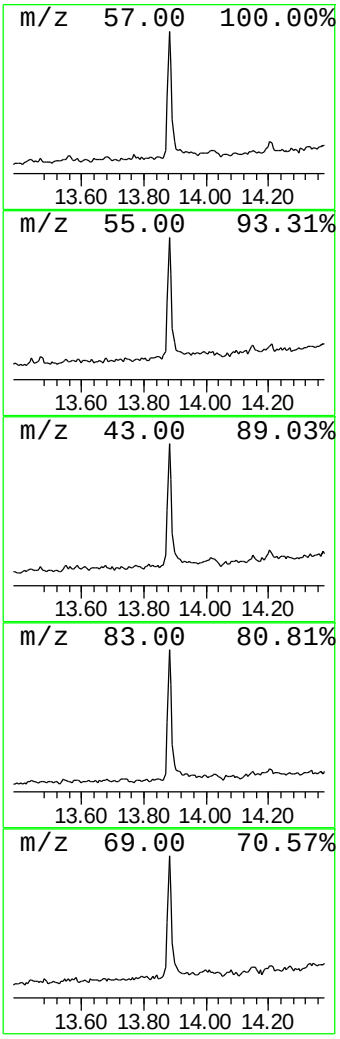
****

Peak Number 9 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	11.14 ng	588376	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5	Octacosanol	410	C28H58O	000557-61-9	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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

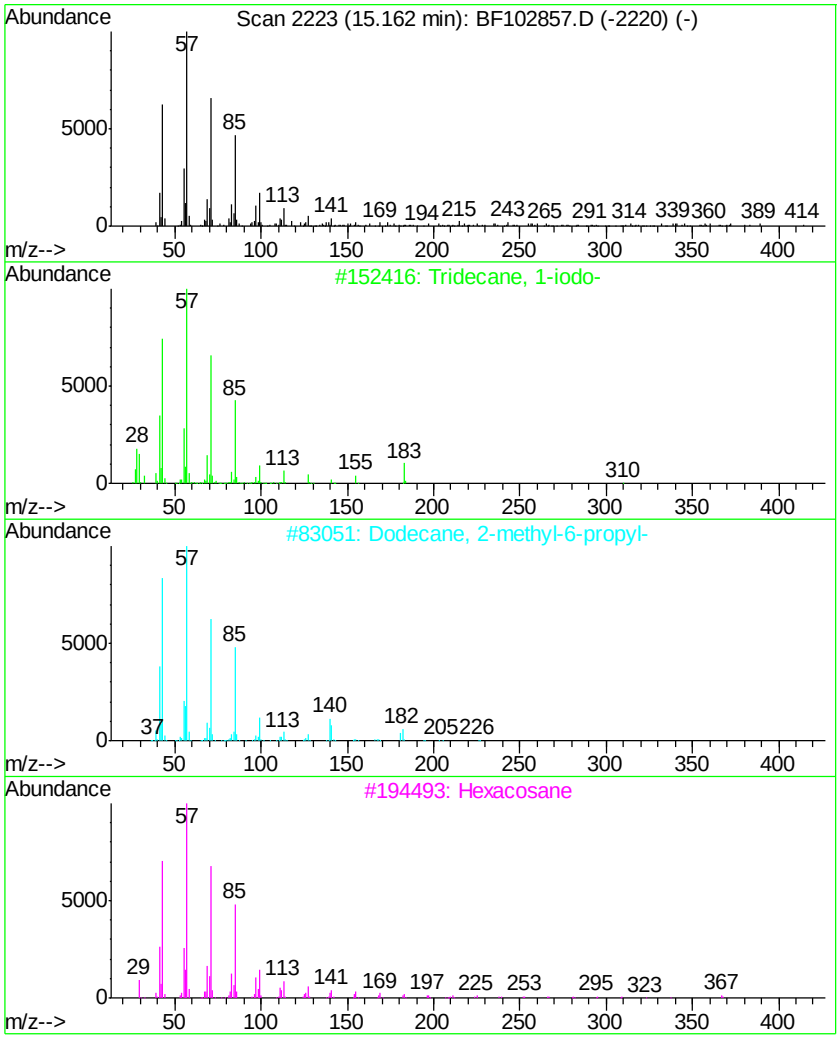
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

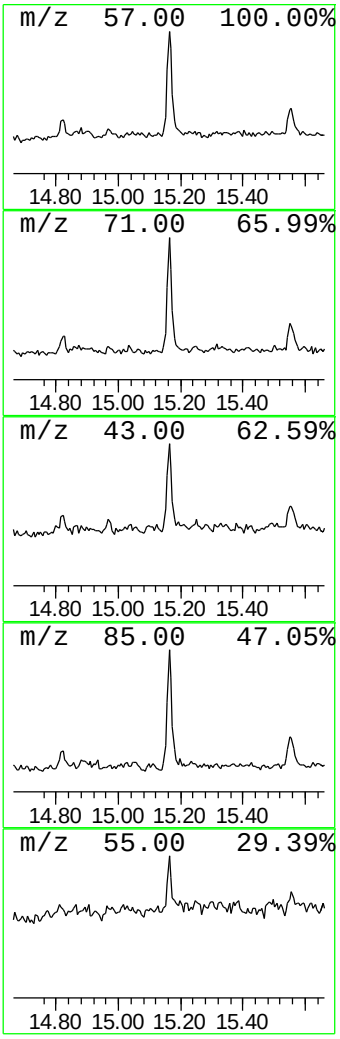
****

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.58 ng	216524	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





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Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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

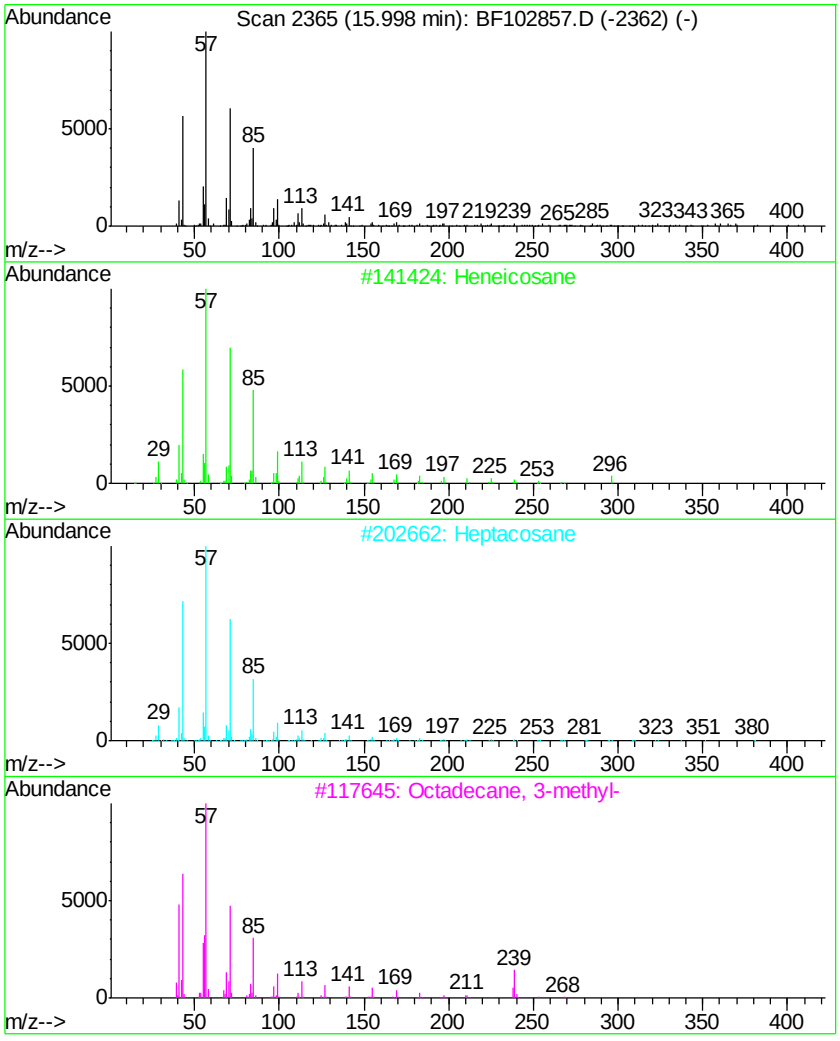
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

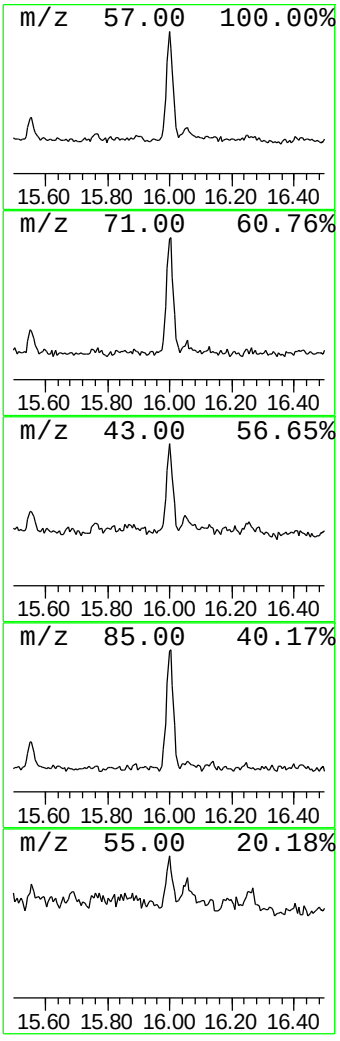
****

Peak Number 11 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.54 ng	261750	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102857.D
Acq On : 8 Feb 2018 15:45
Operator : SJ/JU
Sample : J1469-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3

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...	2.18	11.7	ng	759312	1	6.89	1296890	20.0
2-Hexanol, 2-methyl-	5.12	2.5	ng	162014	1	6.89	1296890	20.0
unknown6.66	6.66	69.7	ng	4522310	1	6.89	1296890	20.0
Hexadecane	9.85	3.5	ng	279150	3	9.92	1574150	20.0
Tetradecane	10.82	4.7	ng	294988	4	11.41	1244870	20.0
n-Hexadecanoic acid	11.93	3.1	ng	194286	4	11.41	1244870	20.0
5-Eicosene, (E)-	13.88	11.1	ng	588376	5	14.05	1056220	20.0
Tridecane, 1-iodo-	15.16	4.6	ng	216524	6	15.54	945703	20.0
Heneicosane	16.00	5.5	ng	261750	6	15.54	945703	20.0