LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091374.D
Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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-BF112916.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	5.041	238	241	243	rBV	1114621	1150656	18.79%	2.886%
2	5.453	275	277	280	rBV	1348024	1181771	19.30%	2.964%
3	6.470	364	366	370	rBV2	653494	927803	15.15%	2.327%
4	6.619	377	379	382	rBV	2489685	2206538	36.04%	5.535%
5	6.859	397	400	402	rBV	1429846	1248617	20.39%	3.132%
6	7.019	411	414	416	rVB	4124798	4189390	68.43%	10.508%
7	7.419	446	449	452	rBV	2899568	3089331	50.46%	7.749%
8	8.139	510	512	515	rBV	1467095	1545977	25.25%	3.878%
9	9.225	603	607	609	rBV	5911169	6037024	98.60%	15.142%
10	9.613	639	641	643	rBV	975746	834504	13.63%	2.093%
11	9.842	658	661	663	rBV	63274	70794	1.16%	0.178%
12	9.899	663	666	668	rVV	2062111	1918440	31.33%	4.812%
13	10.333	703	704	706	rVB	154014	146307	2.39%	0.367%
14	10.562	720	724	727	rBV	58007	104013	1.70%	0.261%
15	10.676	732	734	737	rVV2	1491035	2068552	33.79%	5.188%
16	10.813	744	746	750	rVB	196793	262777	4.29%	0.659%
17	11.259	782	785	786	rBV2	229147	239378	3.91%	0.600%
18	11.293	786	788	791	rVB2	40258	70751	1.16%	0.177%
19	11.385	793	796	798	rBV	1494505	1834942	29.97%	4.603%
20	11.682	820	822	825	rVB	136892	121895	1.99%	0.306%
21	11.911	840	842	850	rBV3	372191	576970	9.42%	1.447%
22	12.699	909	911	918	rBV	446624	495858	8.10%	1.244%
23	12.974	932	935	937	rBV	5679583	6122449	100.00%	15.357%
24	13.877	1011	1014	1023	rBV	293026	459279	7.50%	1.152%
25	14.014	1023	1026	1028	rBV	1719972	1619919	26.46%	4.063%
26	14.402	1058	1060	1063	rBV	74037	76937	1.26%	0.193%
27	15.031	1112	1115	1121	rVB	82455	94882	1.55%	0.238%
28	15.442	1148	1151	1154	rBV	928861	1108061	18.10%	2.779%
29	15.980	1195	1198	1202	rBV4	25575	64360	1.05%	0.161%

Sum of corrected areas: 39868175

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091374.D
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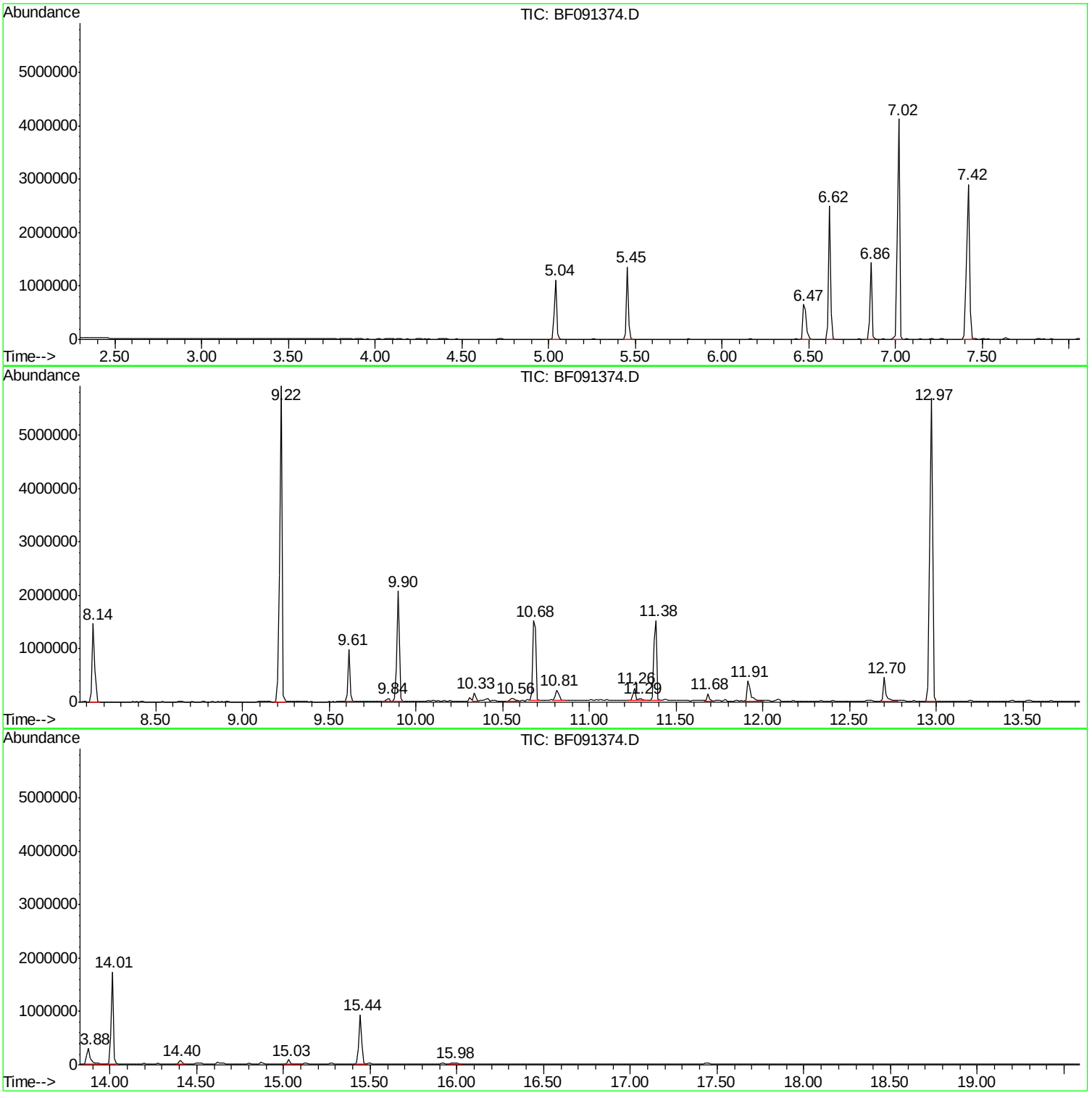
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Data File : BF091374.D
Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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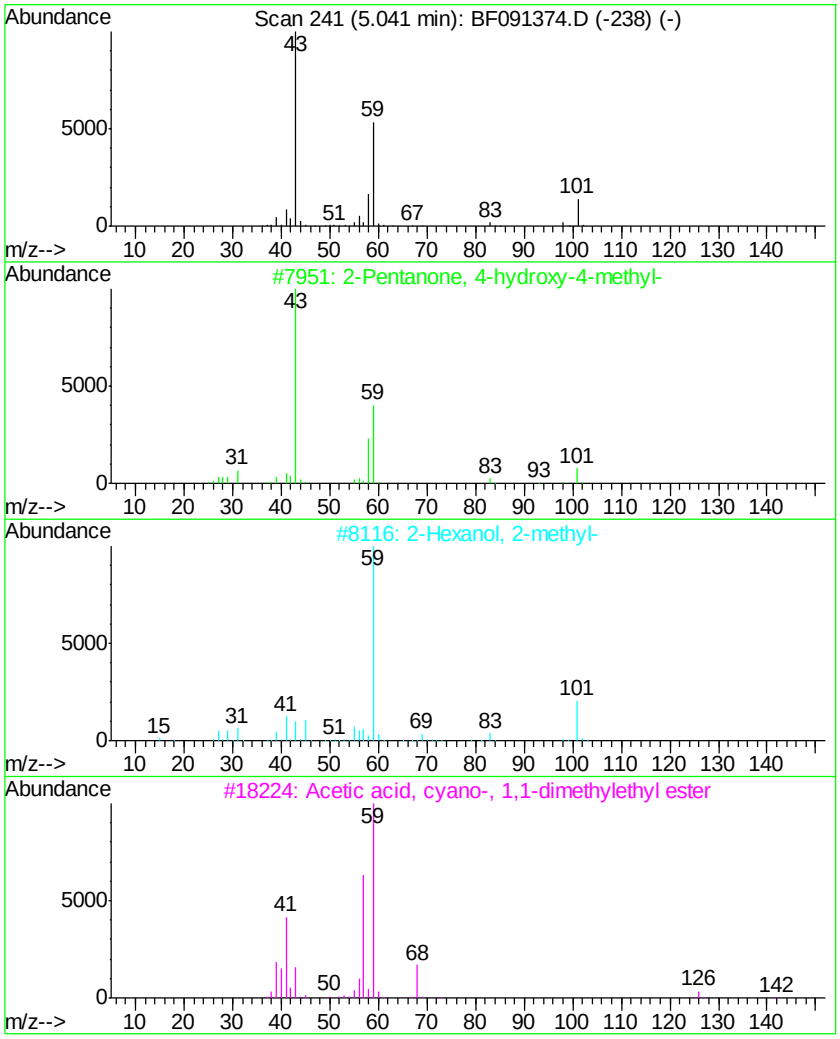
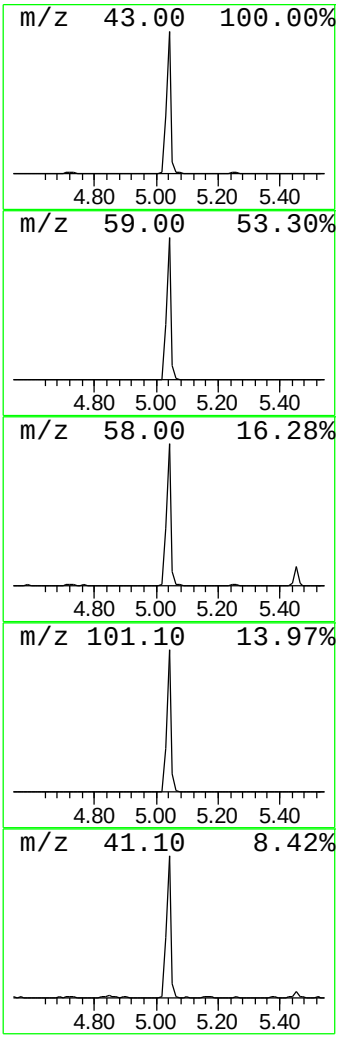
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	18.43 ng	1150660	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091374.D
Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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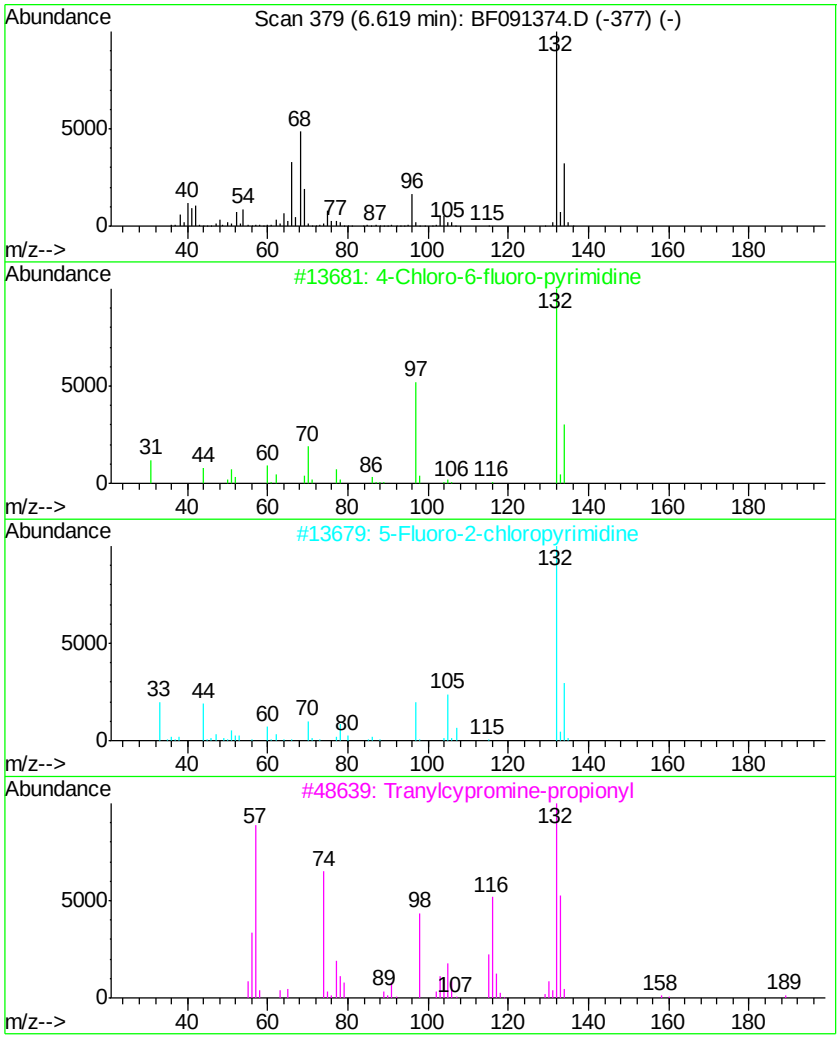
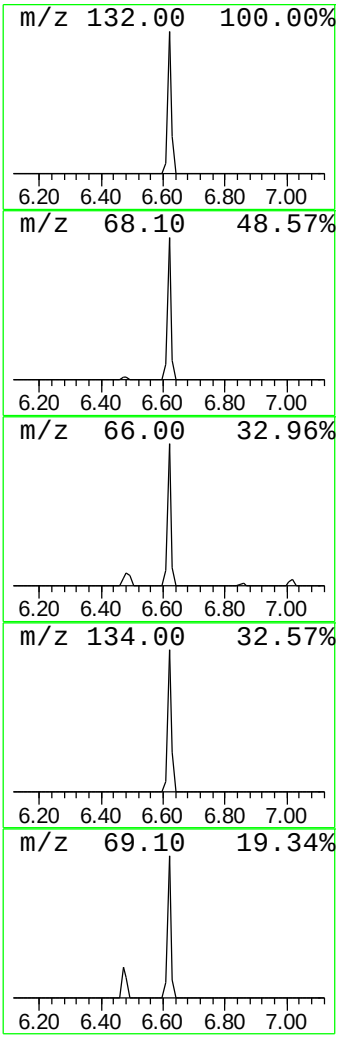
Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	35.34 ng	2206540	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091374.D
Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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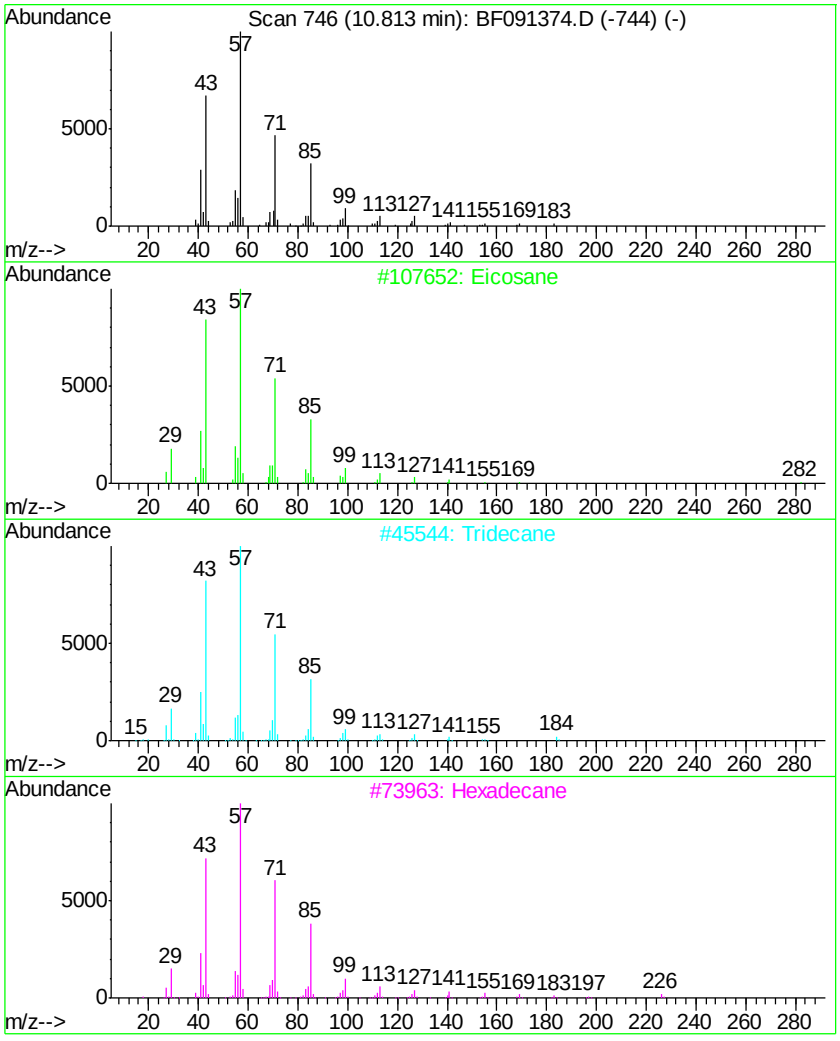
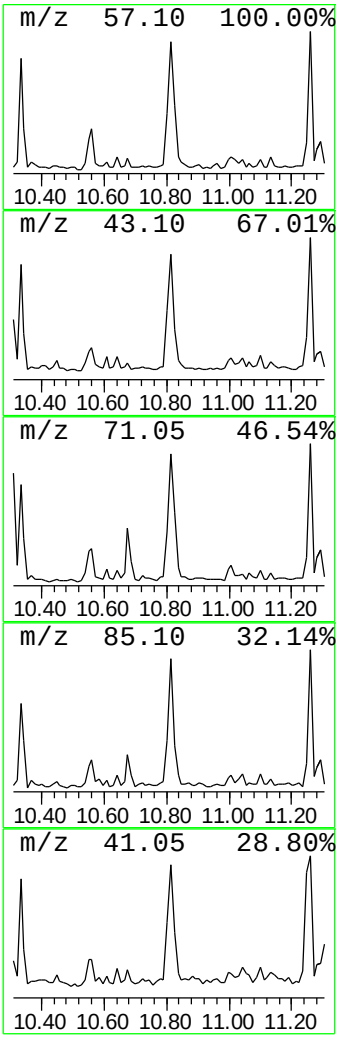
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.86 ng	262777	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091374.D
Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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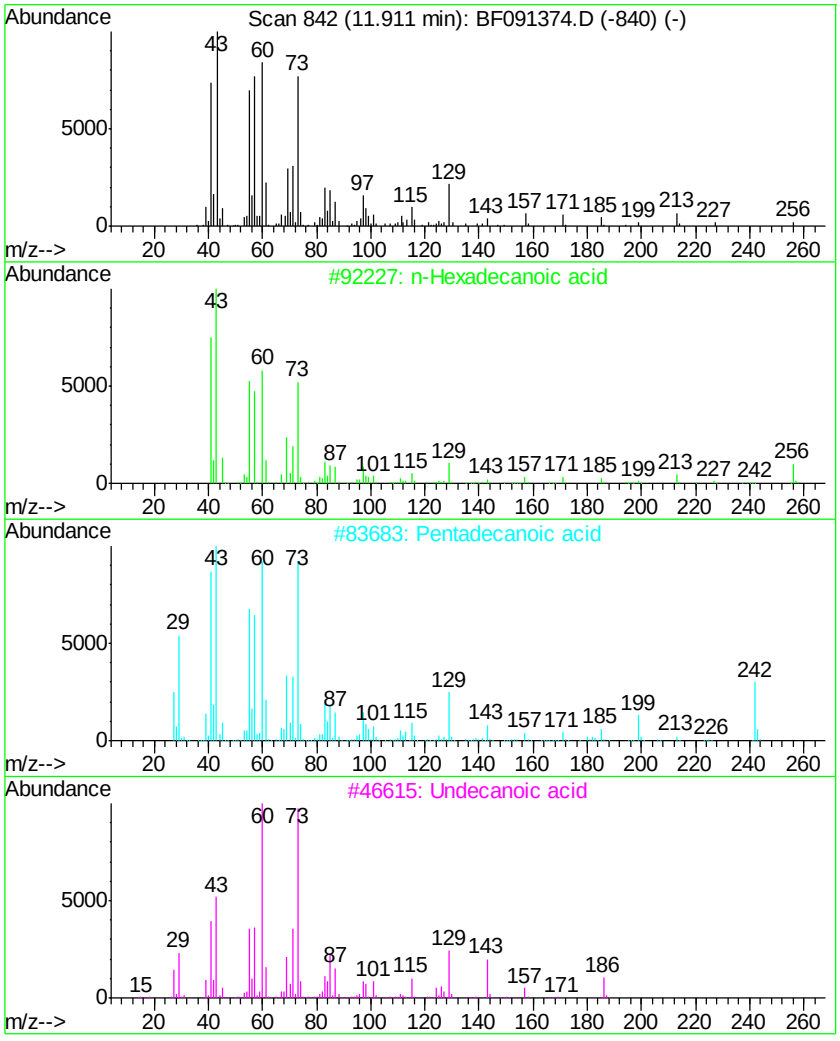
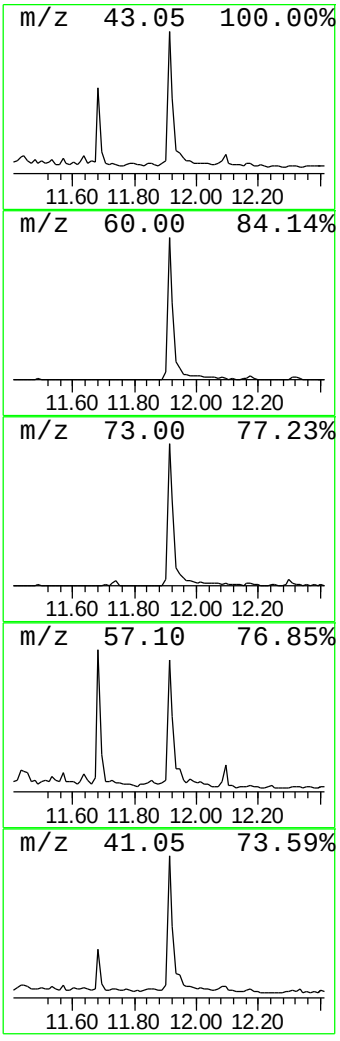
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.29 ng	576970	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091374.D
Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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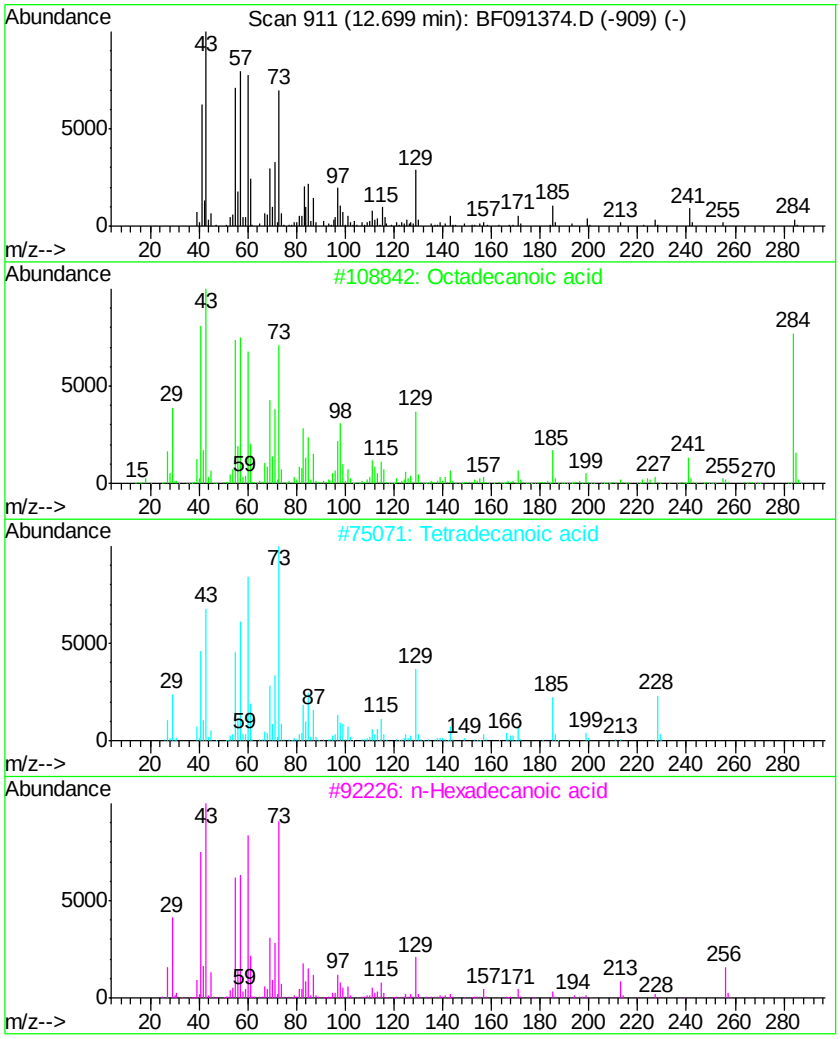
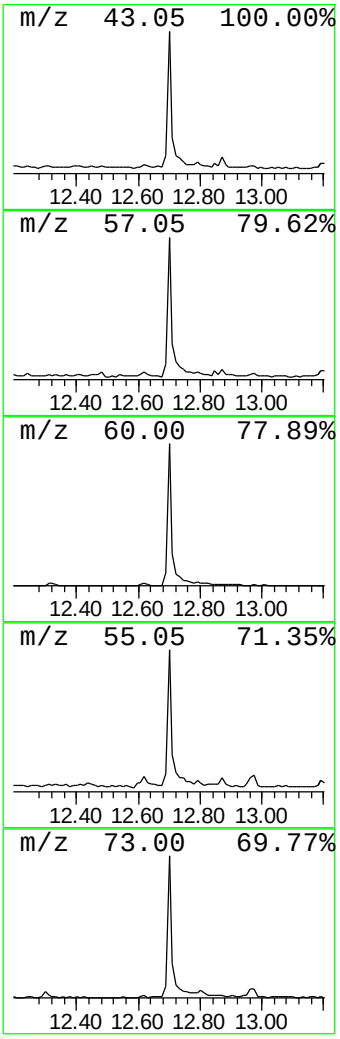
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.40 ng	495858	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
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Acq On : 1 Dec 2016 15:53
Operator : UM/SJ
Sample : H5777-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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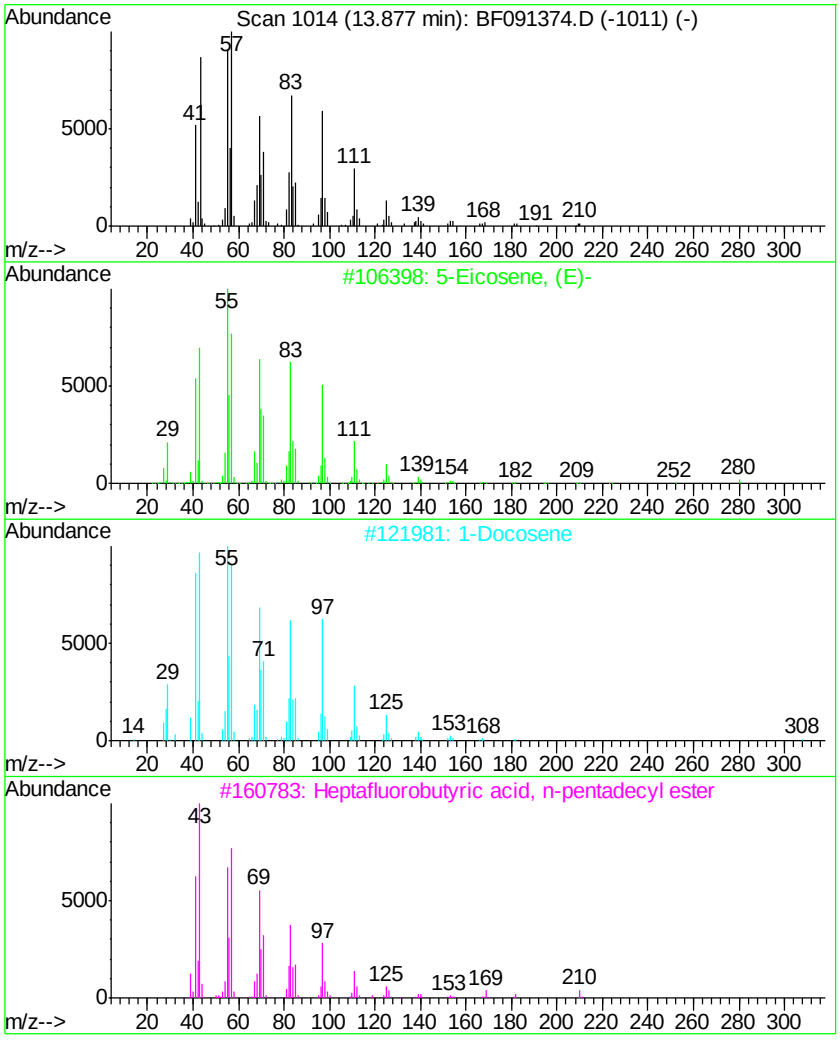
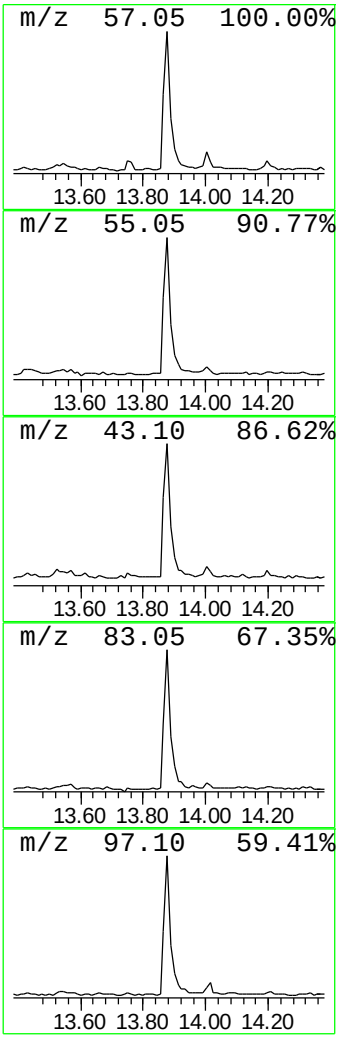
Peak Number 8 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.67 ng	459279	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Docosene	308	C22H44	001599-67-3	90
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	83
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	80
5	1-Tetracosanol	354	C24H50O	000506-51-4	80





Tentatively Identified Compound (LSC) summary

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Sample : H5777-01
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ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	18.4	ng	1150660	1	6.86	1248620	20.0
unknown6.62	6.62	35.3	ng	2206540	1	6.86	1248620	20.0
Eicosane	10.81	2.9	ng	262777	4	11.38	1834940	20.0
n-Hexadecanoic acid	11.91	6.3	ng	576970	4	11.38	1834940	20.0
Octadecanoic acid	12.70	5.4	ng	495858	4	11.38	1834940	20.0
5-Eicosene, (E)-	13.88	5.7	ng	459279	5	14.01	1619920	20.0