LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085020.D
Acq On : 11 Feb 2016 15:49
Operator : SJ/IZ
Sample : H1377-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

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-BF020116.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	1.690	7	9	11	rVV	164840	216280	3.82%	0.454%
2	1.735	11	13	27	rVB	555338	926755	16.37%	1.944%
3	4.741	274	276	285	rBV	744014	1469544	25.96%	3.082%
4	5.198	314	316	319	rBV	3867856	4559627	80.54%	9.563%
5	6.273	406	410	412	rBV	4427165	5216061	92.14%	10.939%
6	6.376	417	419	422	rBV	3796922	4846514	85.61%	10.164%
7	6.604	437	439	442	rBV	1025410	939979	16.60%	1.971%
8	6.764	450	453	455	rBV	4022045	3634838	64.21%	7.623%
9	7.187	486	490	492	rBV	2895052	3646683	64.42%	7.648%
10	7.896	549	552	554	rBV	1580943	1358687	24.00%	2.850%
11	8.982	643	647	649	rBV	5397499	5661168	100.00%	11.873%
12	9.382	679	682	684	rBV	583855	666864	11.78%	1.399%
13	9.599	698	701	702	rBV	125961	123588	2.18%	0.259%
14	9.645	702	705	708	rVB	1696908	1504999	26.58%	3.156%
15	10.090	742	744	746	rVB	141112	166732	2.95%	0.350%
16	10.308	760	763	767	rBV	56091	109725	1.94%	0.230%
17	10.433	772	774	777	rVB2	2992153	3468322	61.27%	7.274%
18	10.570	784	786	790	rBV	148353	225976	3.99%	0.474%
19	11.016	823	825	826	rBV	72048	71630	1.27%	0.150%
20	11.119	832	834	837	rBV	1167616	1352076	23.88%	2.836%
21	11.679	881	883	885	rBV	162292	147918	2.61%	0.310%
22	12.719	971	974	976	rBV	3783620	4757131	84.03%	9.977%
23	13.622	1050	1053	1056	rBV2	371237	497883	8.79%	1.044%
24	13.748	1062	1064	1067	rBV	897285	1020099	18.02%	2.139%
25	14.251	1106	1108	1112	rBV	47105	75256	1.33%	0.158%
26	15.108	1180	1183	1186	rBV	682963	839182	14.82%	1.760%
27	16.434	1296	1299	1303	rBV	35051	83889	1.48%	0.176%
28	16.834	1330	1334	1338	rBV5	35005	93576	1.65%	0.196%

Sum of corrected areas: 47680982

LSC Report - Integrated Chromatogram

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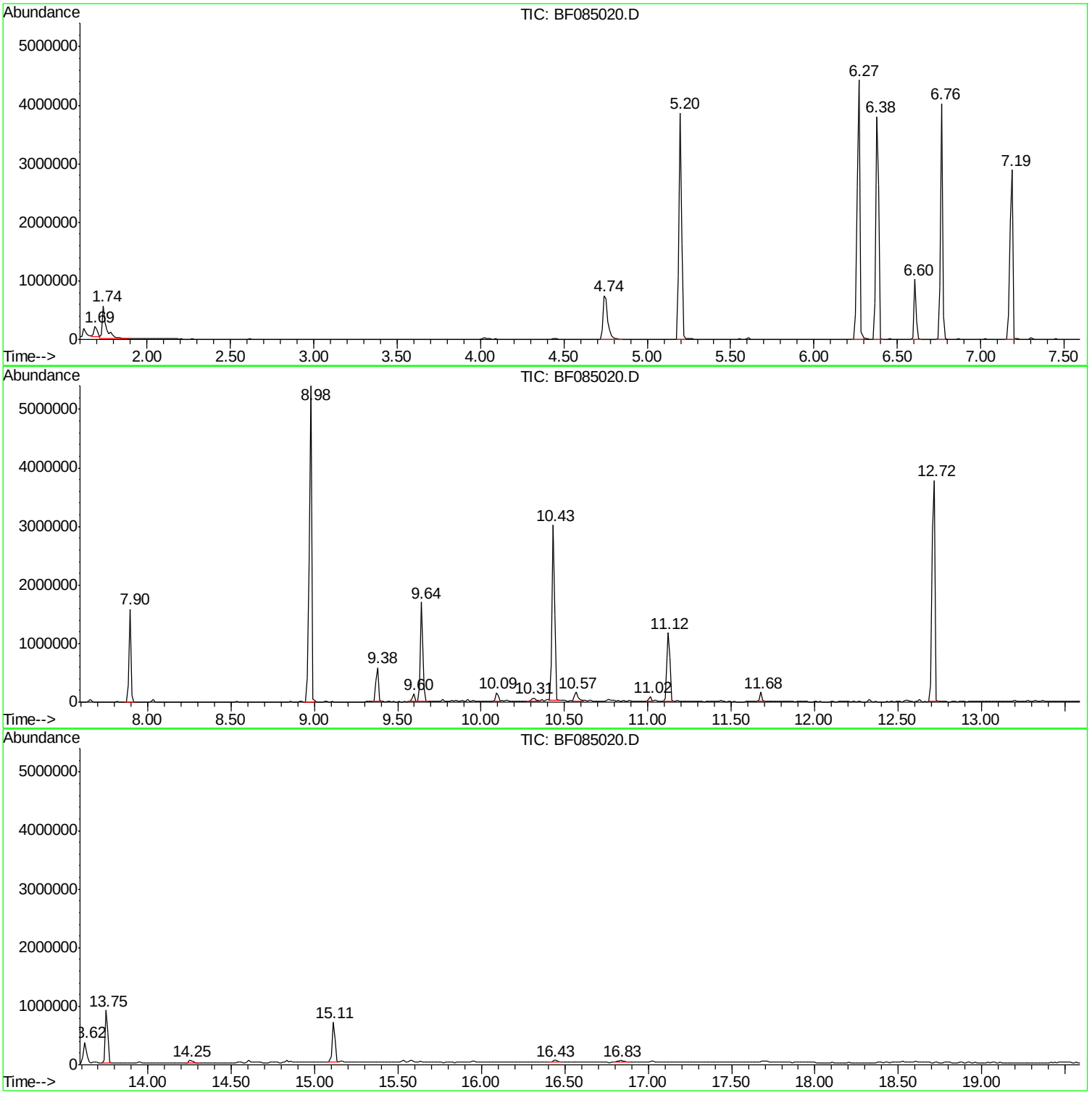
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085020.D
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Operator : SJ/IZ
Sample : H1377-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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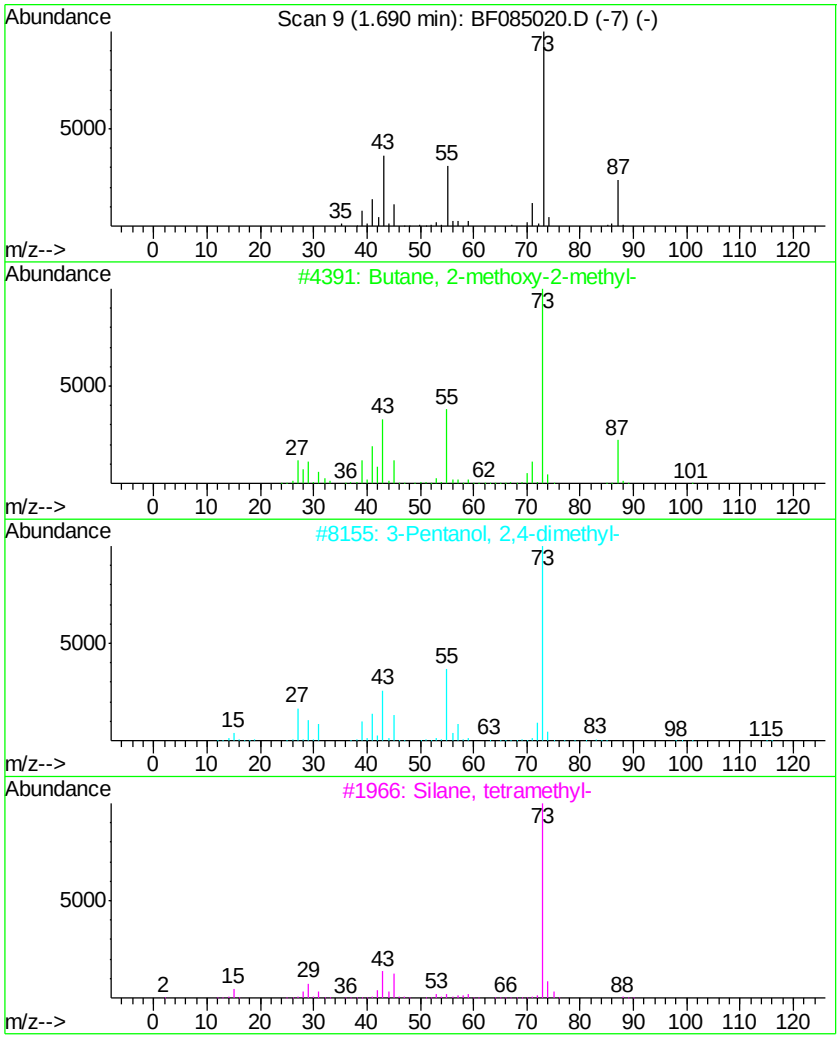
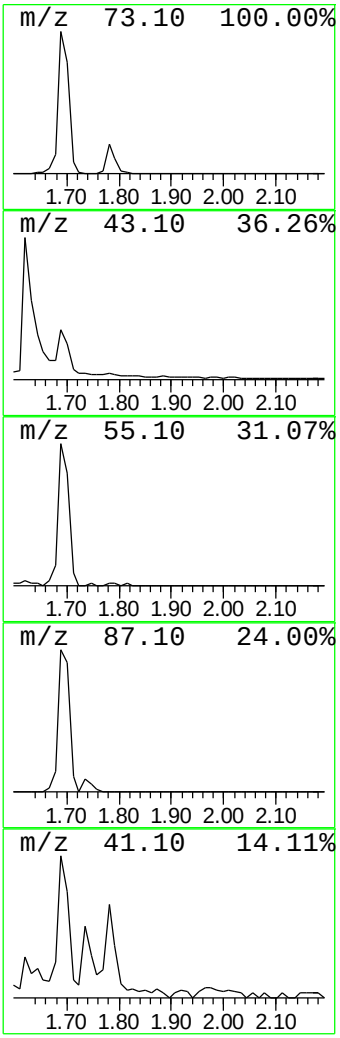
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.69	4.60 ng	216280	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Acq On : 11 Feb 2016 15:49
Operator : SJ/IZ
Sample : H1377-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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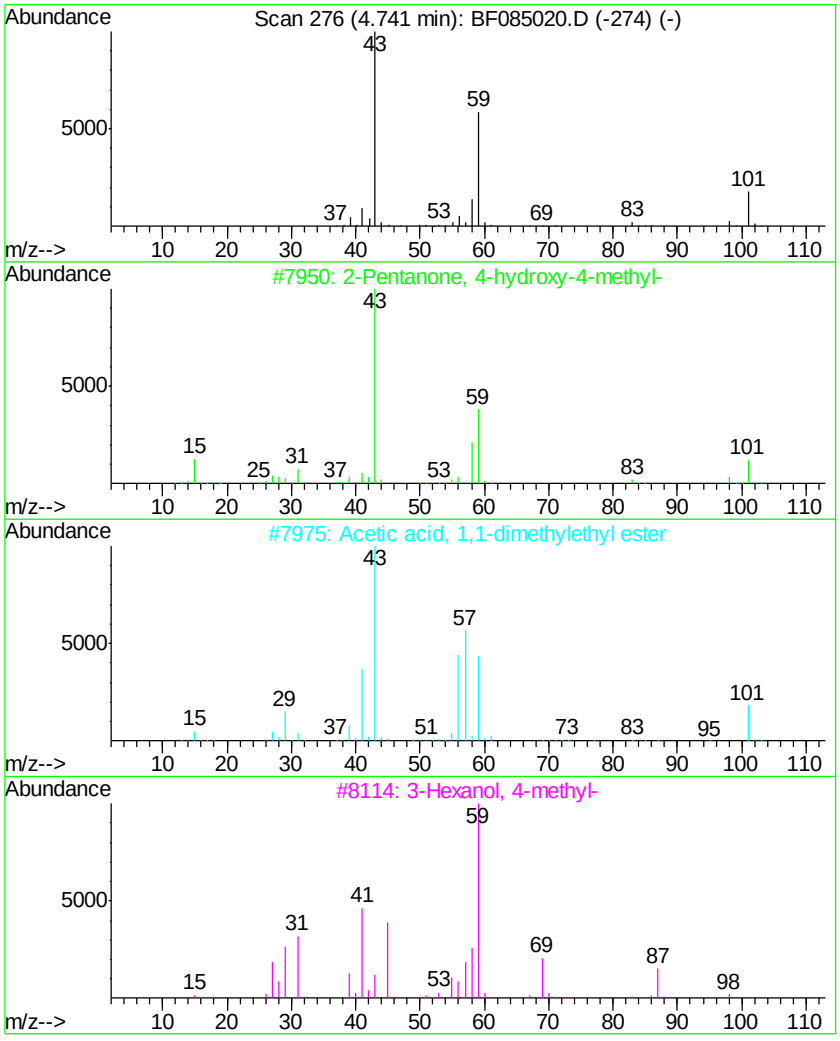
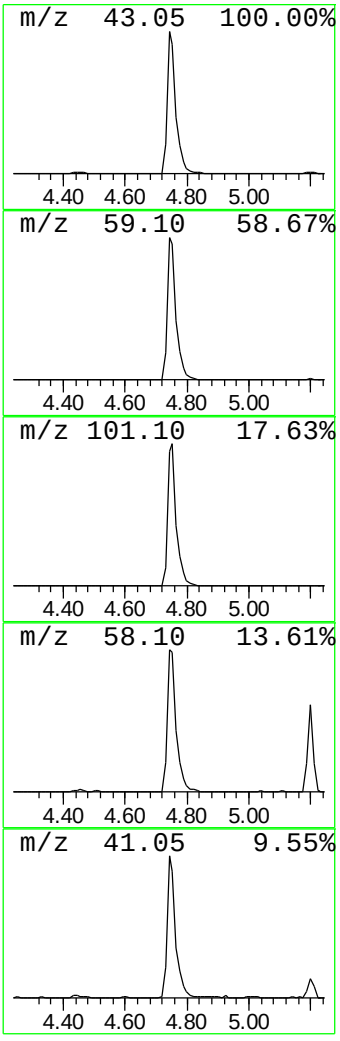
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	31.27 ng	1469540	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085020.D
Acq On : 11 Feb 2016 15:49
Operator : SJ/IZ
Sample : H1377-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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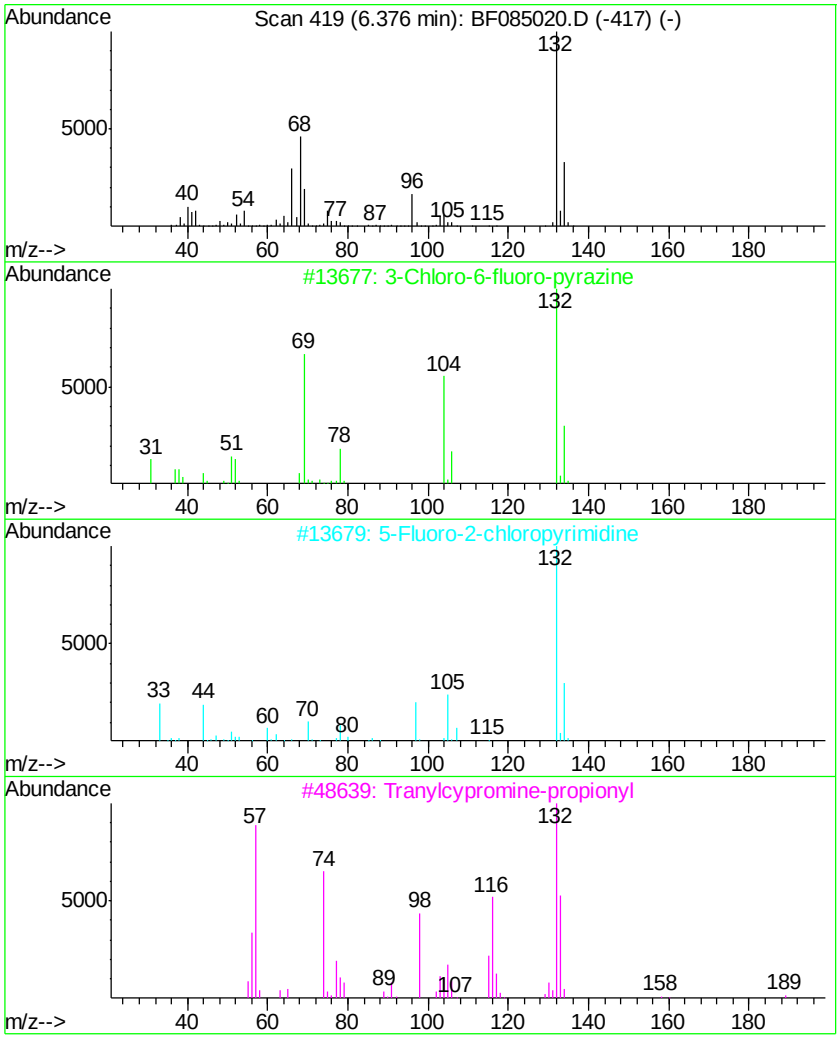
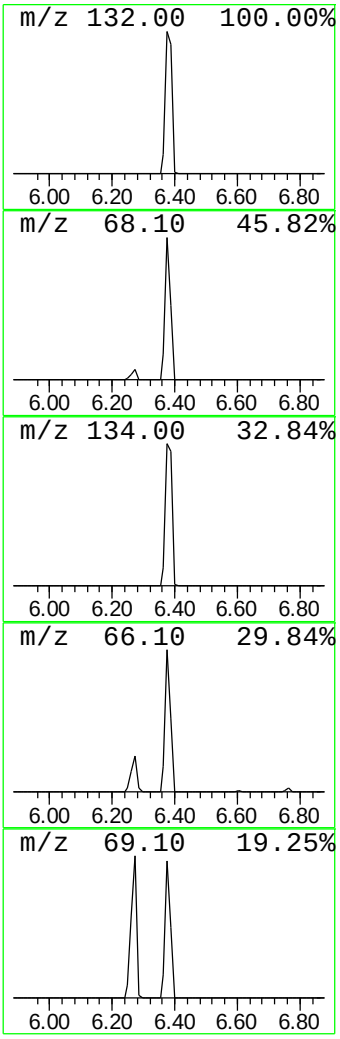
Peak Number 4 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	103.12 ng	4846510	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085020.D
Acq On : 11 Feb 2016 15:49
Operator : SJ/IZ
Sample : H1377-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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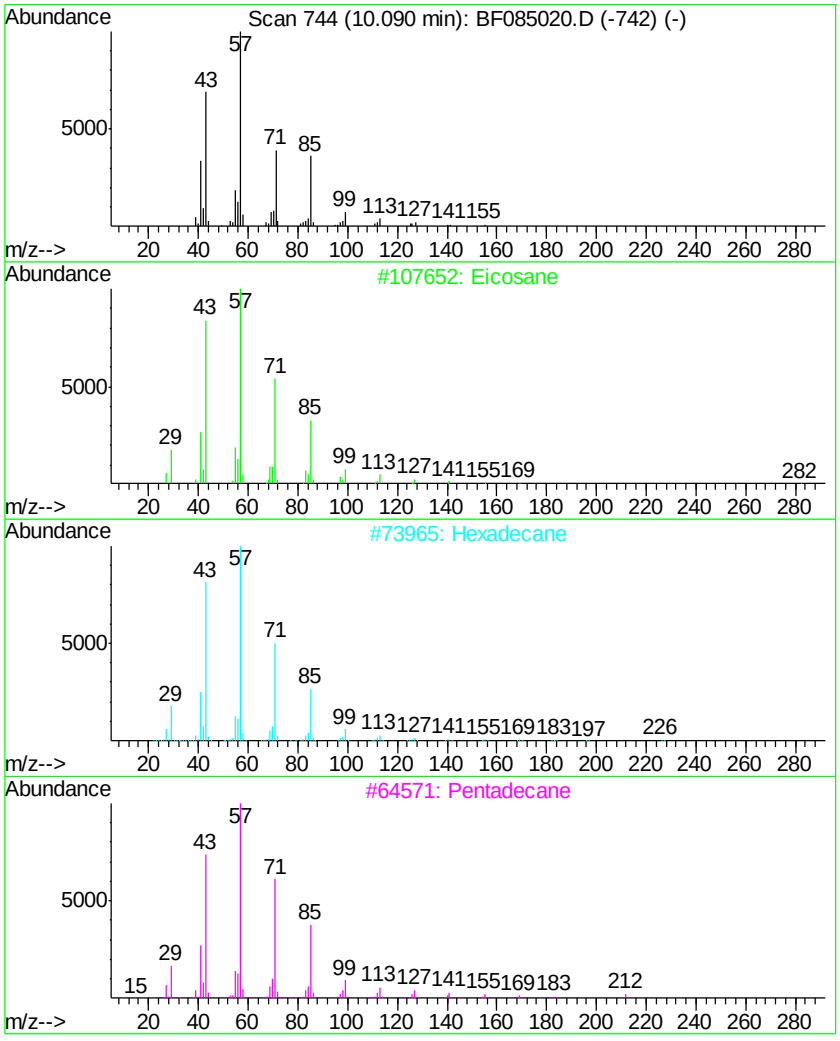
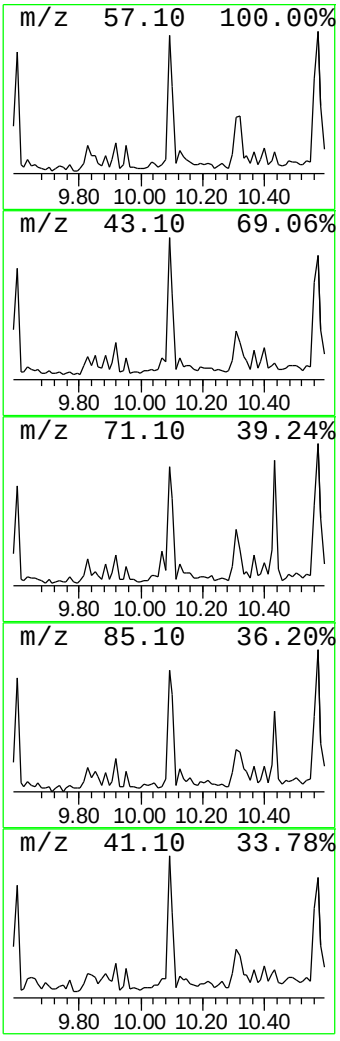
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.22 ng	166732	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	78
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085020.D
Acq On : 11 Feb 2016 15:49
Operator : SJ/IZ
Sample : H1377-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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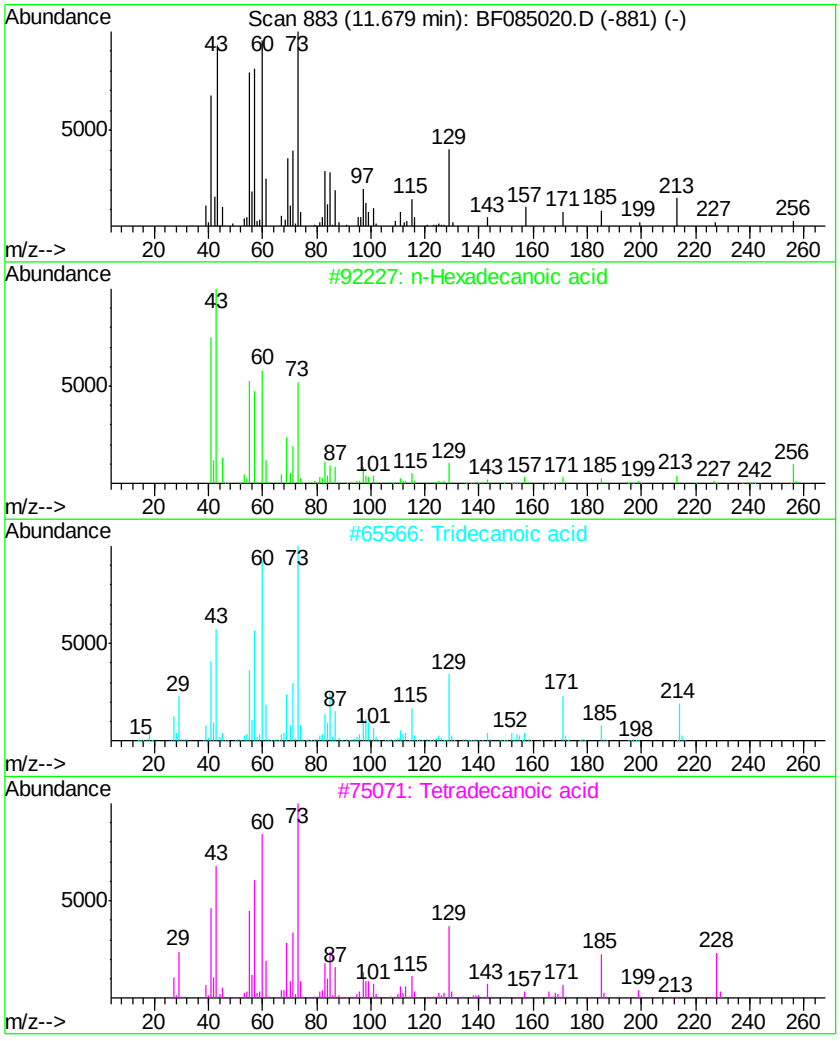
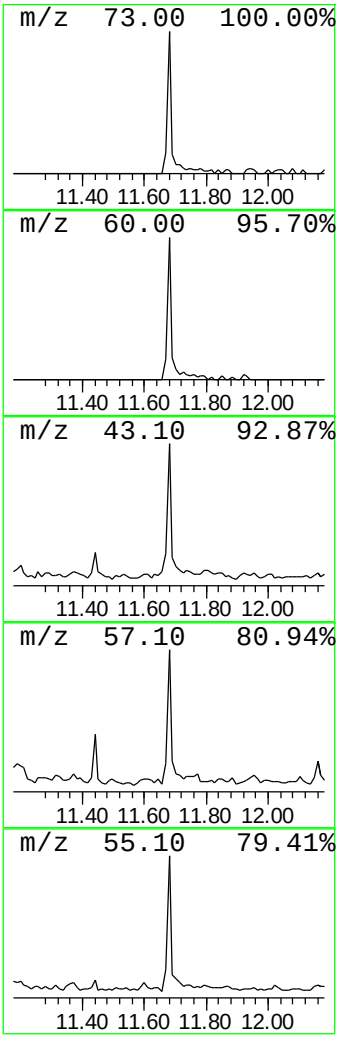
Peak Number 8 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.19 ng	147918	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tridecane	184	C13H28	000629-50-5	11





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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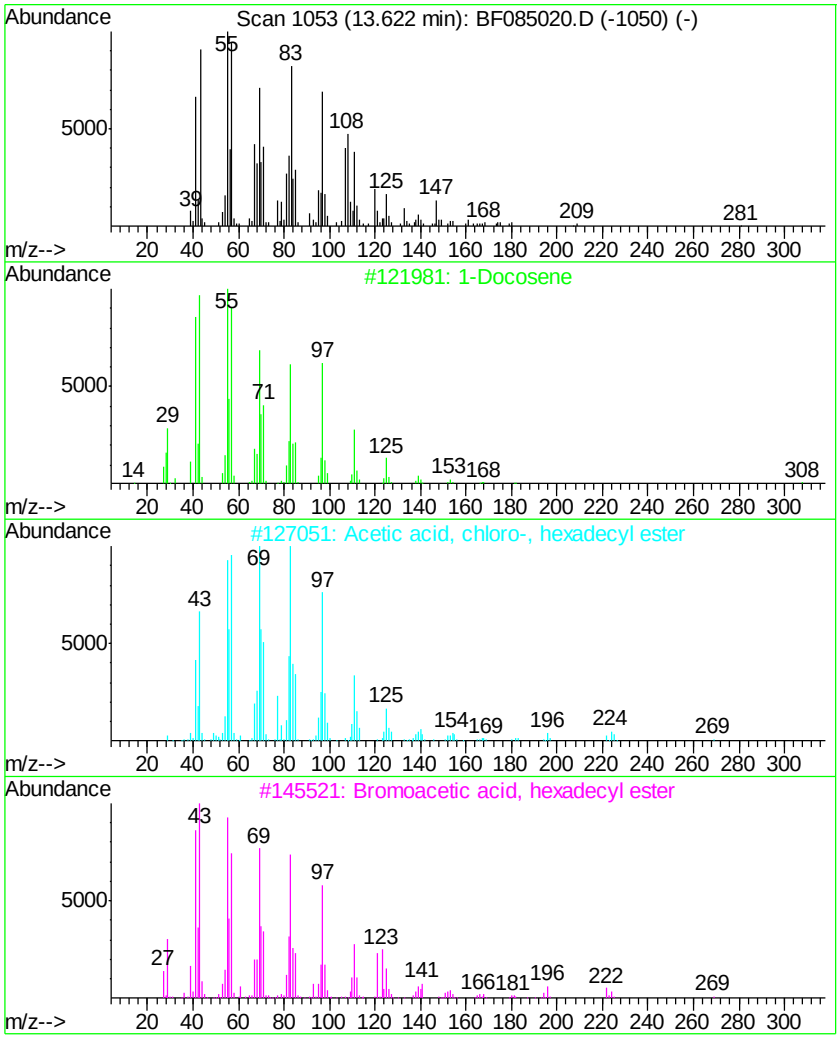
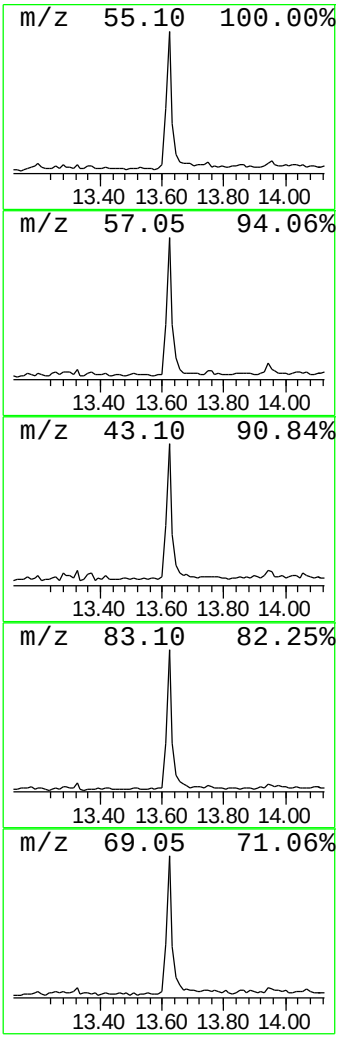
Peak Number 9 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	9.76 ng	497883	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	83
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	70
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	70
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	64
5	1-Eicosanol	298	C20H42O	000629-96-9	64





Tentatively Identified Compound (LSC) summary

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ClientSampleId : SB02-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
Butane, 2-methoxy...	1.69	4.6	ng	216280	1	6.60	939979	20.0
2-Pentanone, 4-hy...	4.74	31.3	ng	1469540	1	6.60	939979	20.0
unknown6.38	6.38	103.1	ng	4846510	1	6.60	939979	20.0
Eicosane	10.09	2.2	ng	166732	3	9.64	1505000	20.0
n-Hexadecanoic acid	11.68	2.2	ng	147918	4	11.12	1352080	20.0
1-Docosene	13.62	9.8	ng	497883	5	13.75	1020100	20.0