LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086339.D
Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

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-BF042016.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	2.144	3	5	34	rVB	329895	957153	19.25%	1.993%
2	5.059	257	260	269	rBV	990507	1401578	28.19%	2.918%
3	5.470	293	296	299	rBV	3940078	4718002	94.90%	9.822%
4	5.870	329	331	334	rBV	145431	139597	2.81%	0.291%
5	6.499	384	386	389	rBV	3084566	4971430	100.00%	10.350%
6	6.636	395	398	401	rBV	4620021	4809145	96.74%	10.012%
7	6.704	402	404	411	rVB2	136424	199945	4.02%	0.416%
8	6.864	416	418	425	rBV	1343013	1427938	28.72%	2.973%
9	7.024	430	432	434	rBV	4033758	3840435	77.25%	7.995%
10	7.139	440	442	444	rVB2	39988	66302	1.33%	0.138%
11	7.264	451	453	455	rBV	53467	68605	1.38%	0.143%
12	7.436	465	468	470	rBV	2289192	2983831	60.02%	6.212%
13	7.470	470	471	473	rVV	272905	244189	4.91%	0.508%
14	7.516	473	475	477	rVB2	63388	97837	1.97%	0.204%
15	7.676	483	489	491	rVB5	34211	93776	1.89%	0.195%
16	7.722	491	493	495	rVV	45813	58765	1.18%	0.122%
17	7.790	495	499	502	rVV6	28210	79808	1.61%	0.166%
18	7.905	505	509	512	rVV4	58901	153259	3.08%	0.319%
19	7.950	512	513	518	rVB3	42727	79388	1.60%	0.165%
20	8.156	528	531	533	rBV	1452276	1769570	35.59%	3.684%
21	8.213	534	536	538	rVB2	63208	95910	1.93%	0.200%
22	8.430	553	555	560	rBV5	46016	110241	2.22%	0.230%
23	8.533	563	564	566	rVB2	57954	50002	1.01%	0.104%
24	8.579	566	568	570	rBV	108002	117416	2.36%	0.244%
25	8.750	581	583	585	rBV	247693	234014	4.71%	0.487%
26	9.059	606	610	613	rBV5	27046	87377	1.76%	0.182%
27	9.173	619	620	622	rVB2	47134	56214	1.13%	0.117%
28	9.230	622	625	627	rVV	4383282	4119575	82.86%	8.576%
29	9.310	630	632	634	rVV	246283	283195	5.70%	0.590%
30	9.356	634	636	641	rVB4	37427	99876	2.01%	0.208%
31	9.562	653	654	657	rBV3	31739	62685	1.26%	0.131%
32	9.619	657	659	664	rVB	590765	664449	13.37%	1.383%
33	9.836	677	678	681	rVB	134282	177074	3.56%	0.369%
34	9.905	682	684	687	rVV	1470140	1392892	28.02%	2.900%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.076	696	699	700	rBV2	33248	60317	1.21%	0.126%
36	10.168	705	707	709	rVB	39267	53417	1.07%	0.111%
37	10.339	721	722	724	rVB	273290	213826	4.30%	0.445%
38	10.556	738	741	745	rBV	80755	150915	3.04%	0.314%
39	10.693	750	753	759	rBV	1968396	2271715	45.70%	4.729%
40	10.808	762	763	768	rVB	185970	333402	6.71%	0.694%
41	11.002	778	780	785	rBV4	29822	80296	1.62%	0.167%
42	11.265	799	803	804	rBV	120616	142133	2.86%	0.296%
43	11.288	804	805	808	rVB	59449	68019	1.37%	0.142%
44	11.391	812	814	823	rBV	1246667	1568800	31.56%	3.266%
45	11.996	866	867	872	rVB	39352	80246	1.61%	0.167%
46	12.088	872	875	877	rBV	48473	79015	1.59%	0.164%
47	12.191	880	884	885	rBV2	24916	52714	1.06%	0.110%
48	12.476	907	909	912	rVB2	41304	70239	1.41%	0.146%
49	12.602	918	920	922	rBV	272408	296650	5.97%	0.618%
50	12.831	935	940	943	rBV2	244331	527391	10.61%	1.098%
51	12.979	950	953	955	rBV	2431701	2958507	59.51%	6.159%
52	13.162	966	969	970	rBV	44960	74603	1.50%	0.155%
53	13.208	971	973	976	rBV2	117956	162541	3.27%	0.338%
54	13.414	989	991	993	rBV3	53315	72754	1.46%	0.151%
55	13.505	997	999	1000	rBV	57270	53660	1.08%	0.112%
56	13.551	1001	1003	1004	rBV	181844	176201	3.54%	0.367%
57	13.882	1030	1032	1033	rBV2	123526	98350	1.98%	0.205%
58	13.917	1033	1035	1037	rBV	115280	179791	3.62%	0.374%
59	14.031	1042	1045	1051	rBV2	736765	1416106	28.48%	2.948%
60	14.191	1057	1059	1061	rBV	147488	228550	4.60%	0.476%
61	14.499	1084	1086	1088	rBV	202360	199210	4.01%	0.415%
62	15.460	1168	1170	1172	rBV	448521	652684	13.13%	1.359%

Sum of corrected areas: 48033525

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Instrument :
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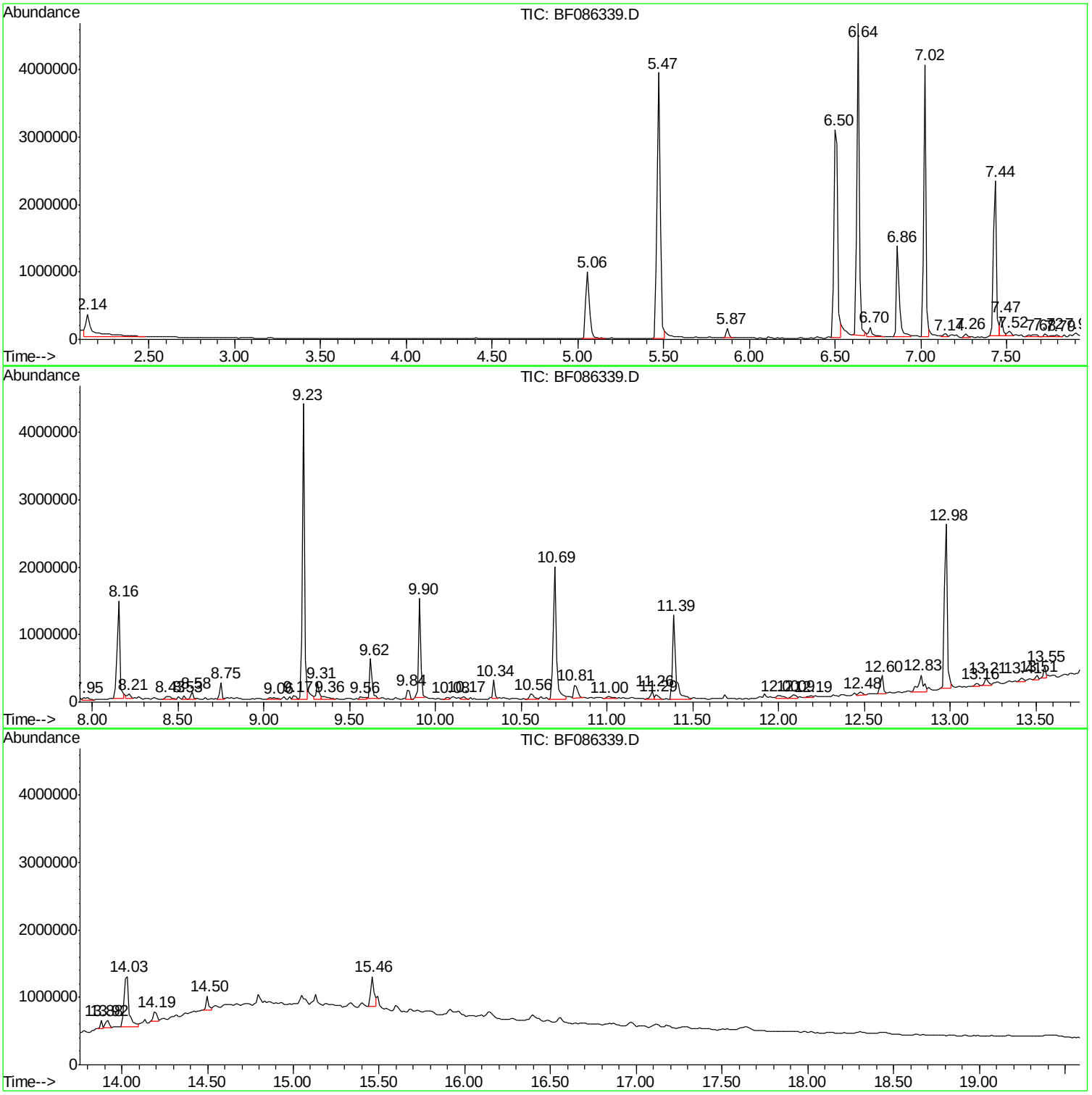
ClientSampleId :
EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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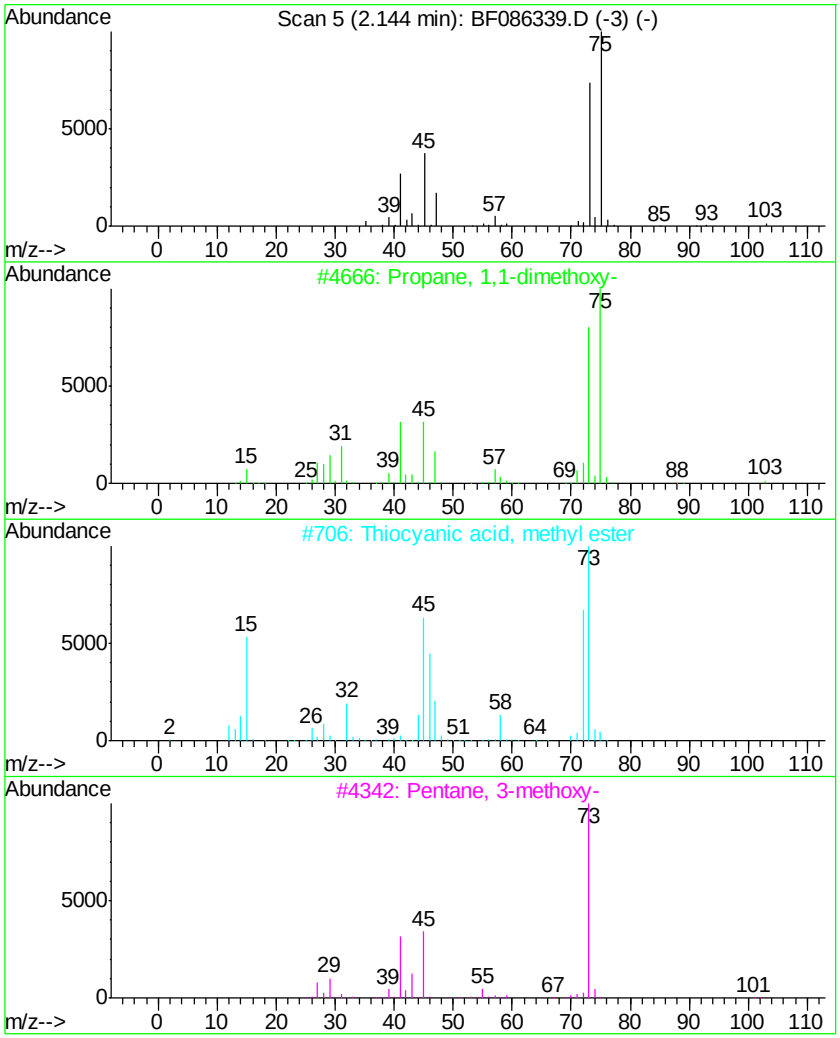
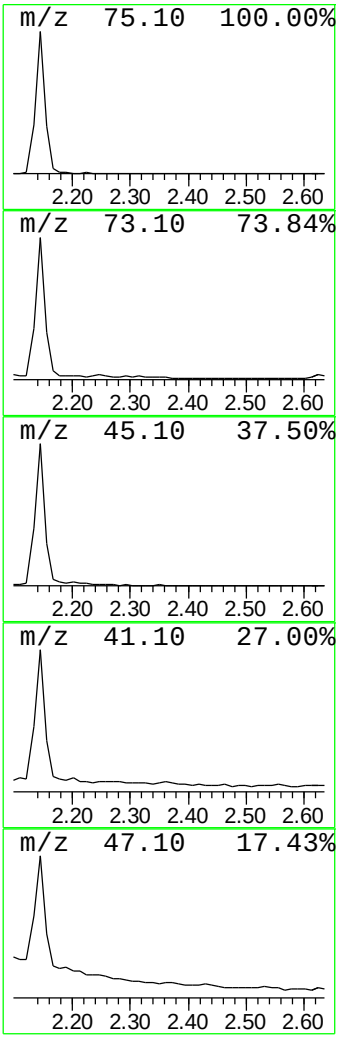
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	13.41 ng	957153	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	22
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
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Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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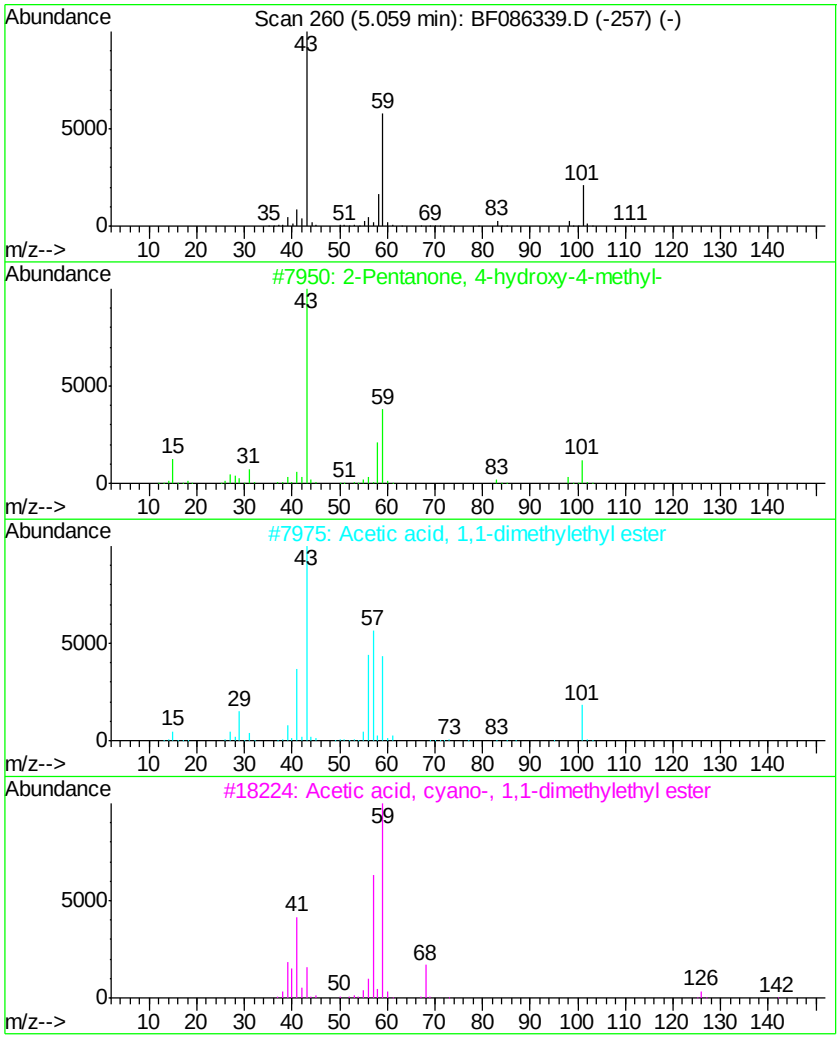
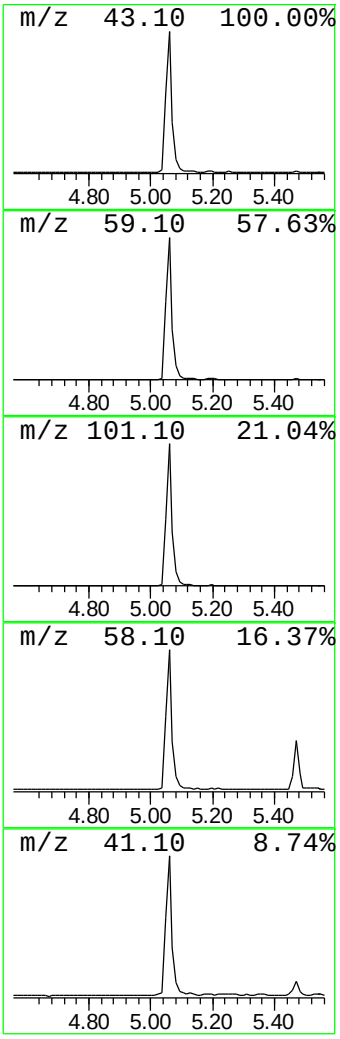
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	19.63 ng	1401580	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
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Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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TIC Library : C:\DATABASE\NIST02.L
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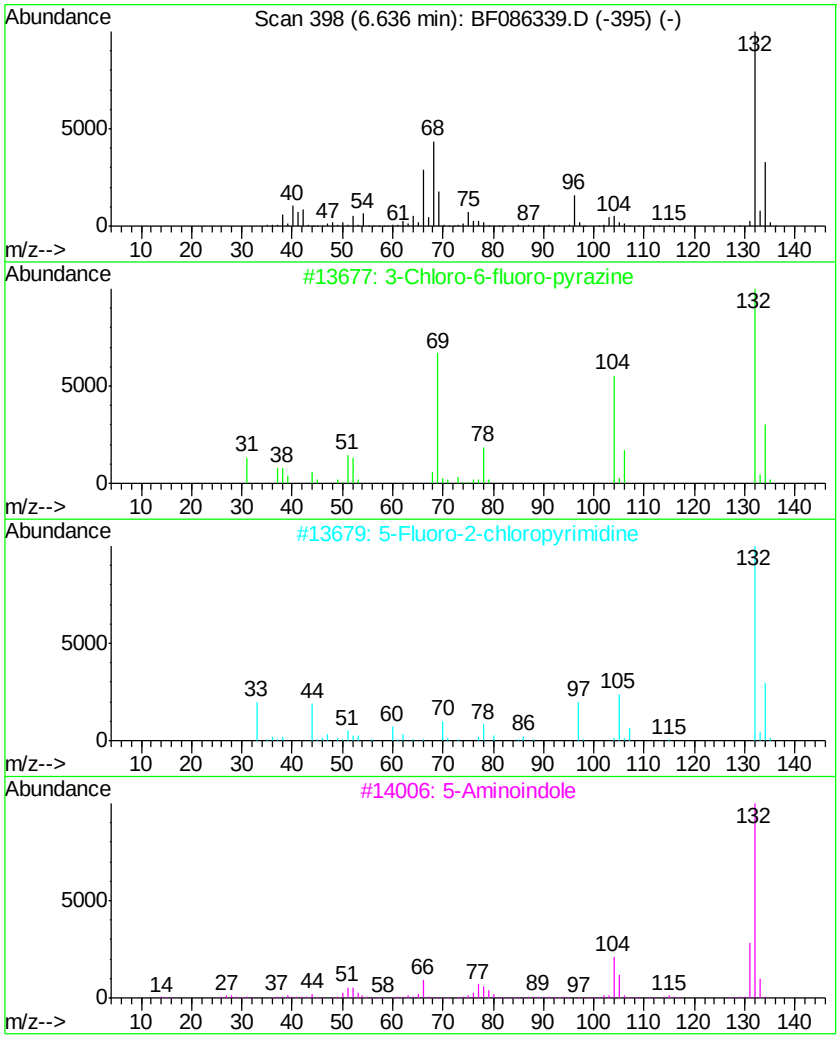
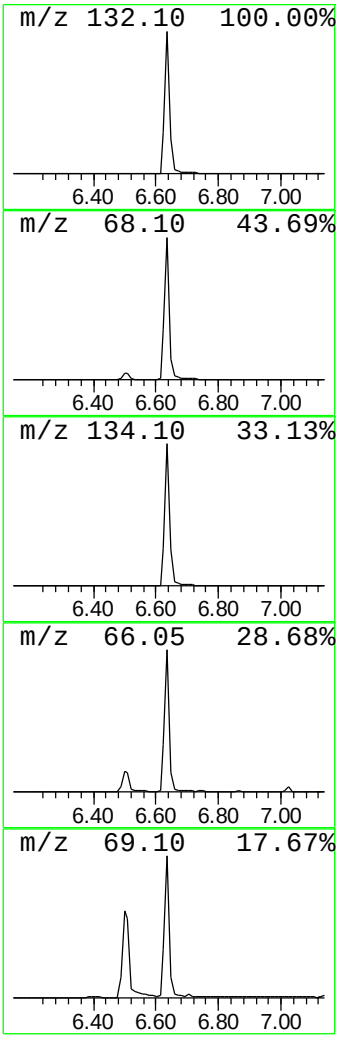
Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	67.36 ng	4809150	1,4-Dichlorobenzene-d4	6.86

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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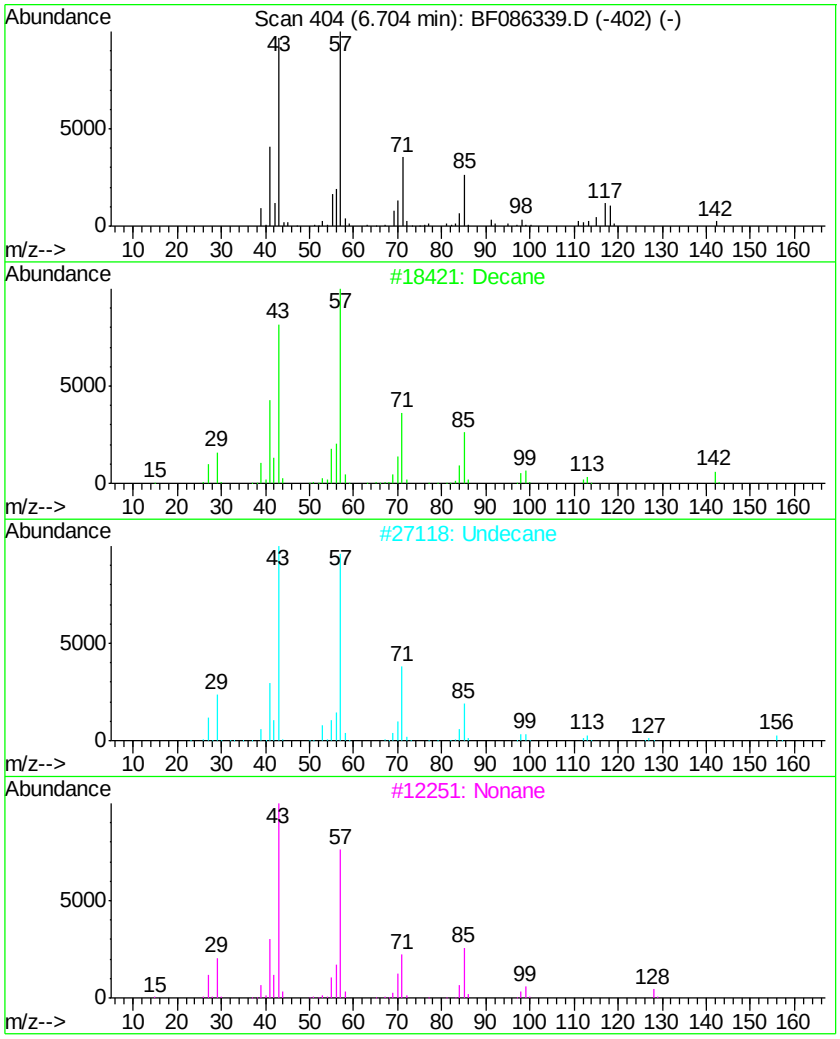
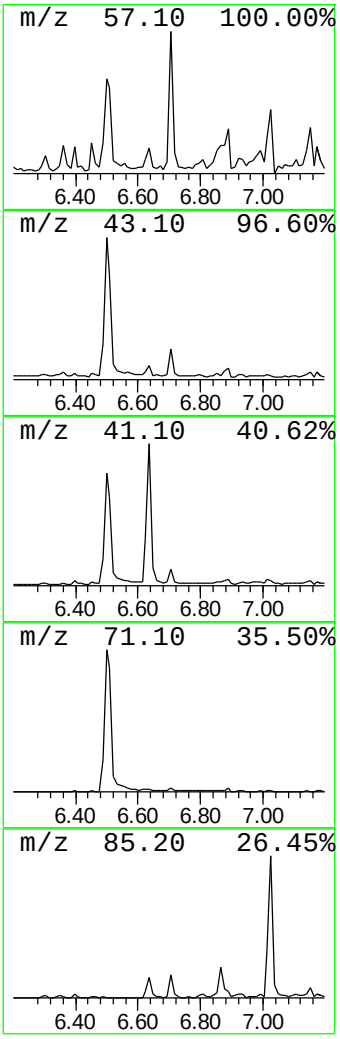
Peak Number 4 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	2.80 ng	199945	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	76
2	Undecane	156	C11H24	001120-21-4	72
3	Nonane	128	C9H20	000111-84-2	72
4	Octane	114	C8H18	000111-65-9	59
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	53





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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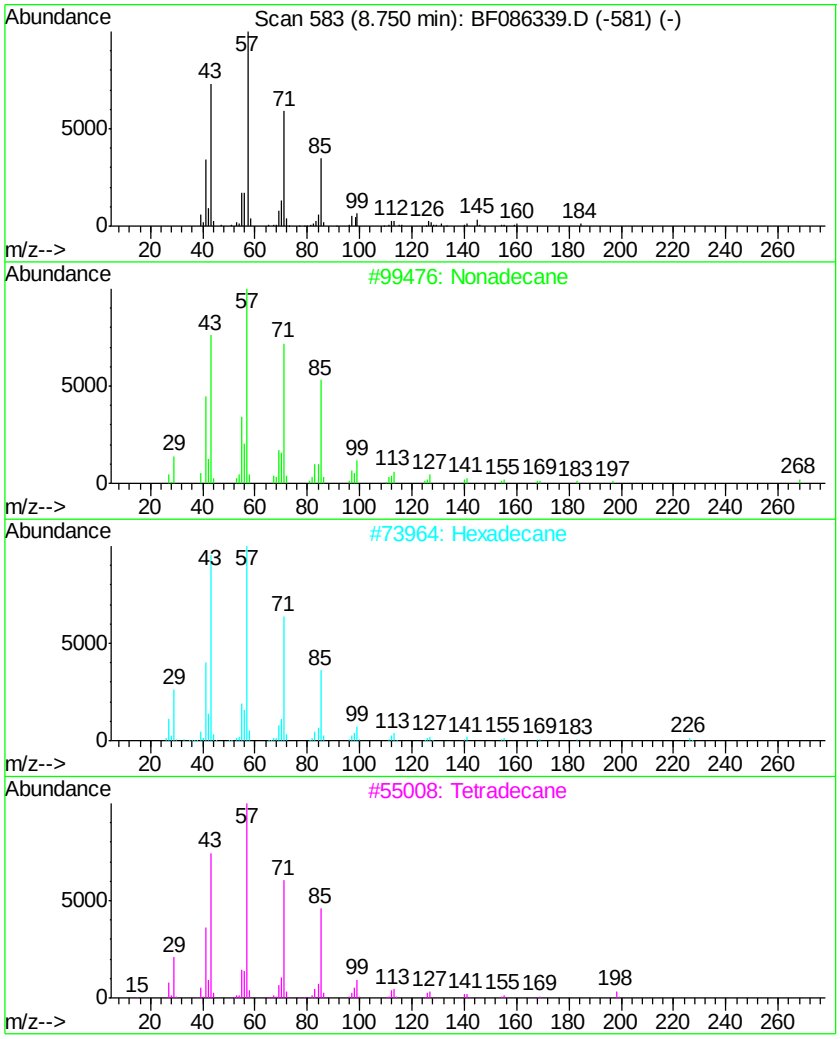
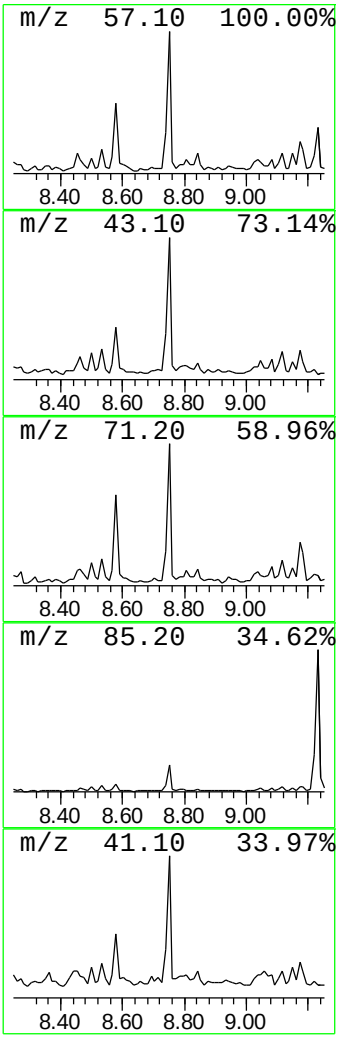
Peak Number 6 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.64 ng	234014	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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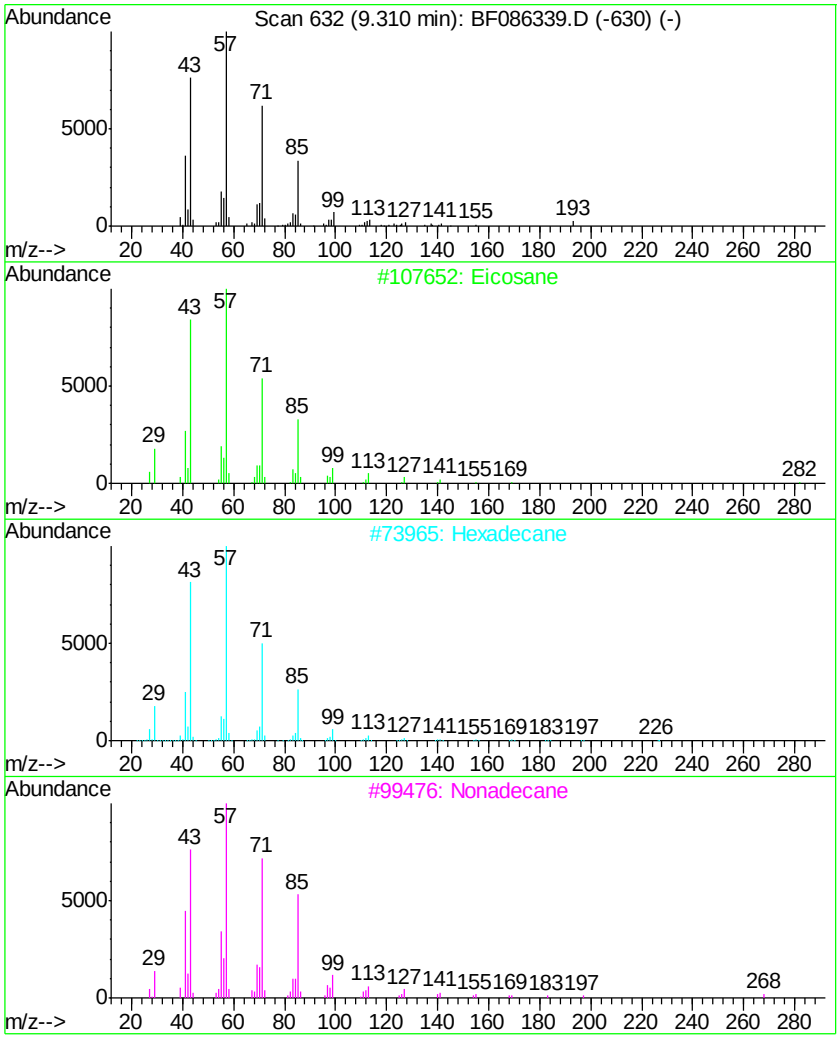
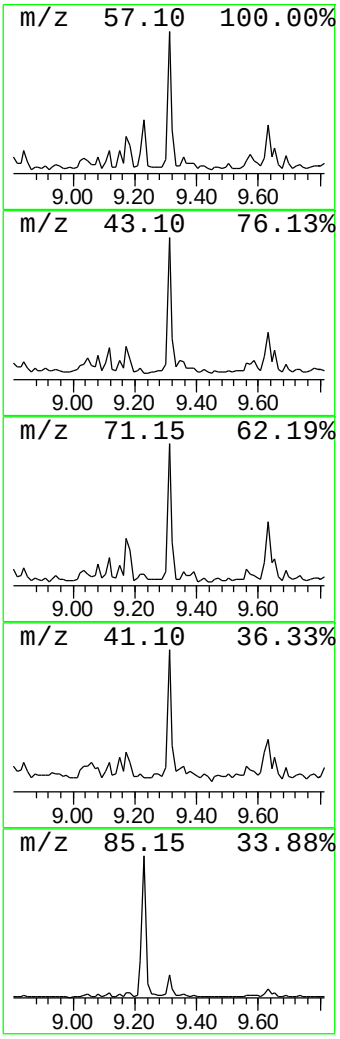
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	4.07 ng	283195	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78





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Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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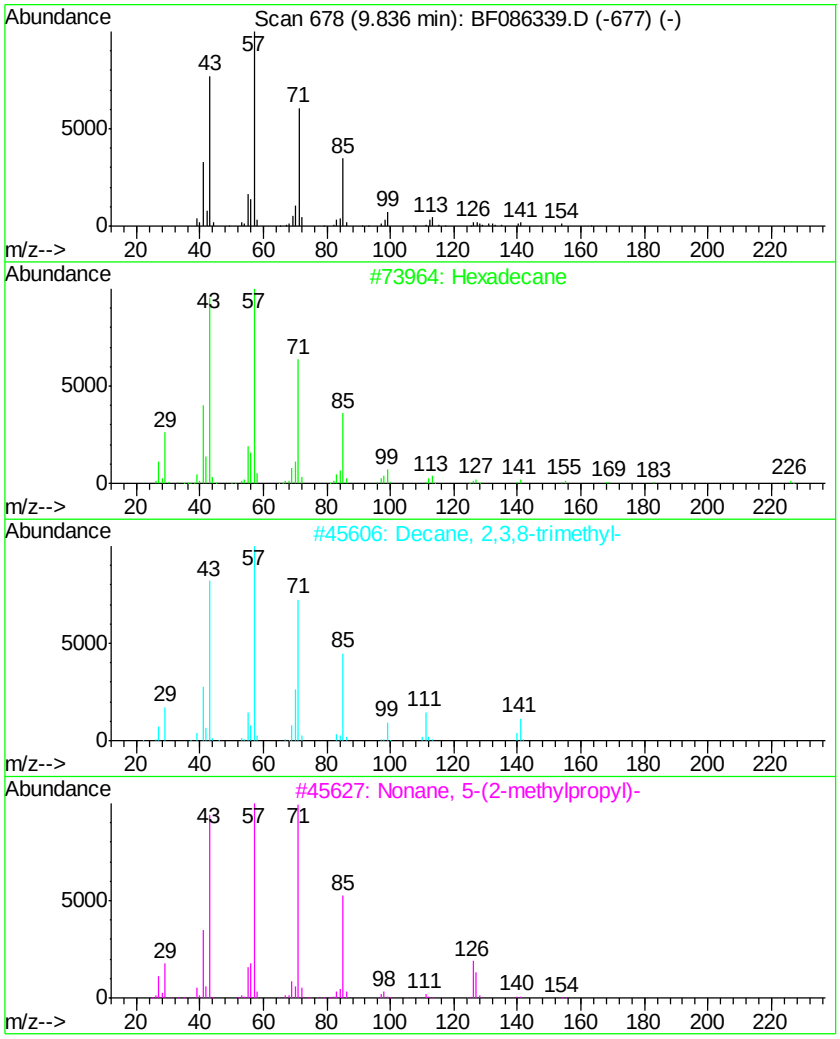
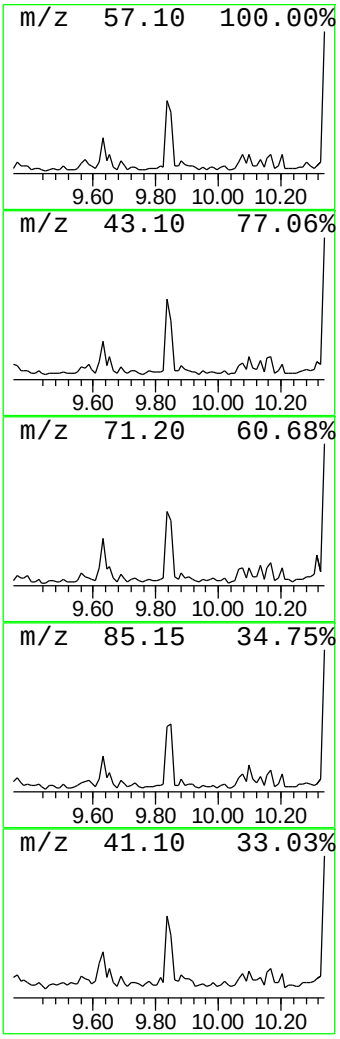
Peak Number 8 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.54 ng	177074	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086339.D
Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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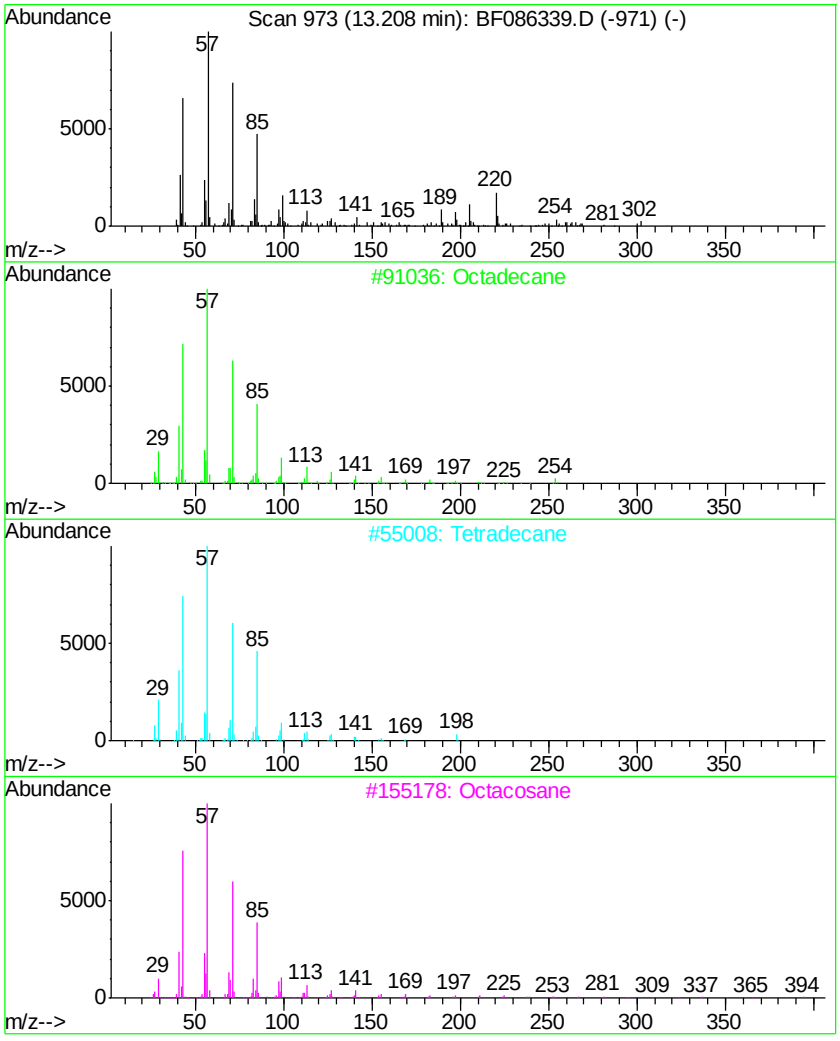
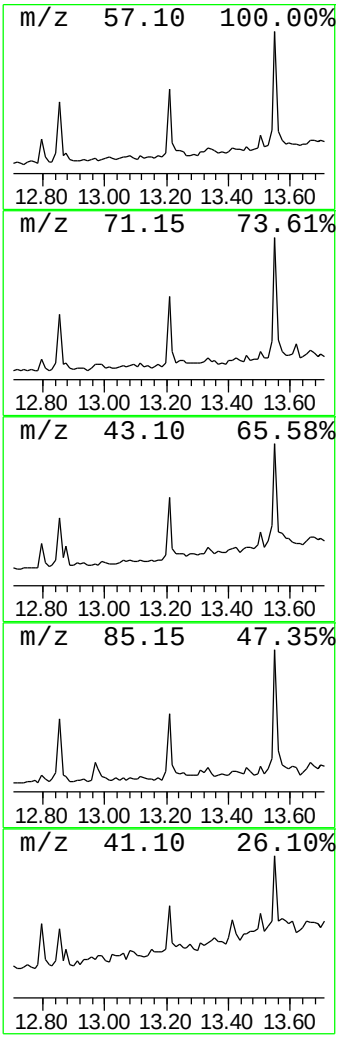
Peak Number 12 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.30 ng	162541	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octacosane	394	C28H58	000630-02-4	81
4	Tetracosane	338	C24H50	000646-31-1	74
5	Heneicosane	296	C21H44	000629-94-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086339.D
Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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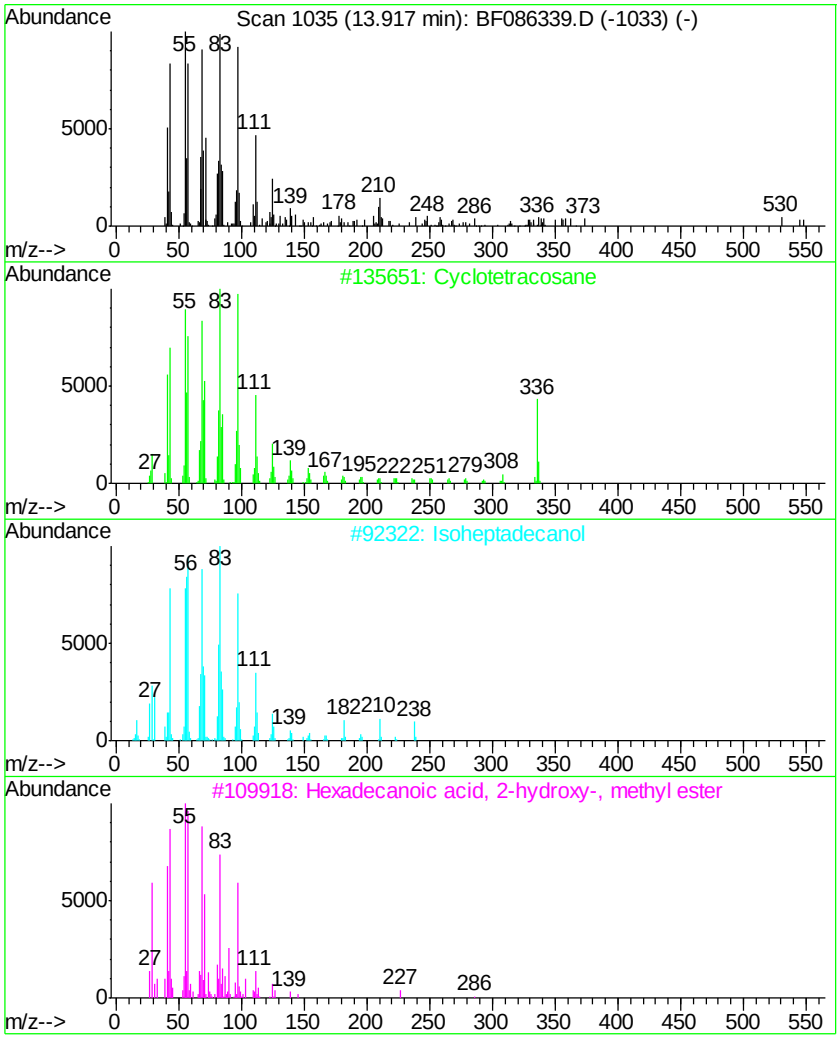
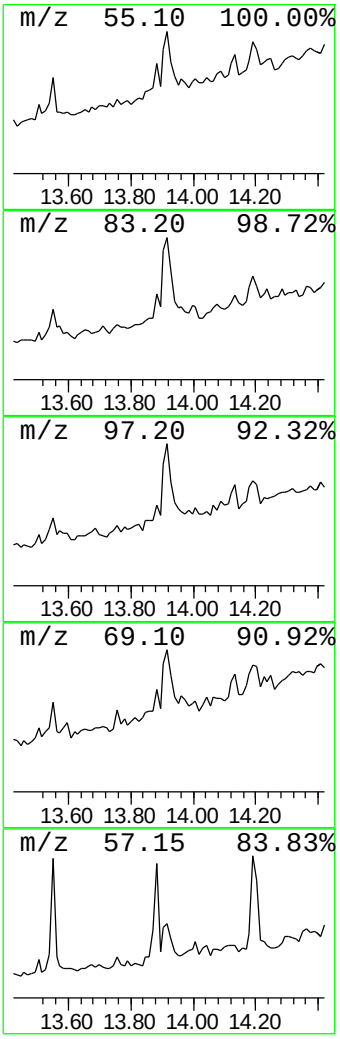
Peak Number 14 Cyclotetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.54 ng	179791	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Isoheptadecanol	256	C17H36O	057289-07-3	83
3	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	74
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	74
5	1-Nonadecene	266	C19H38	018435-45-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086339.D
Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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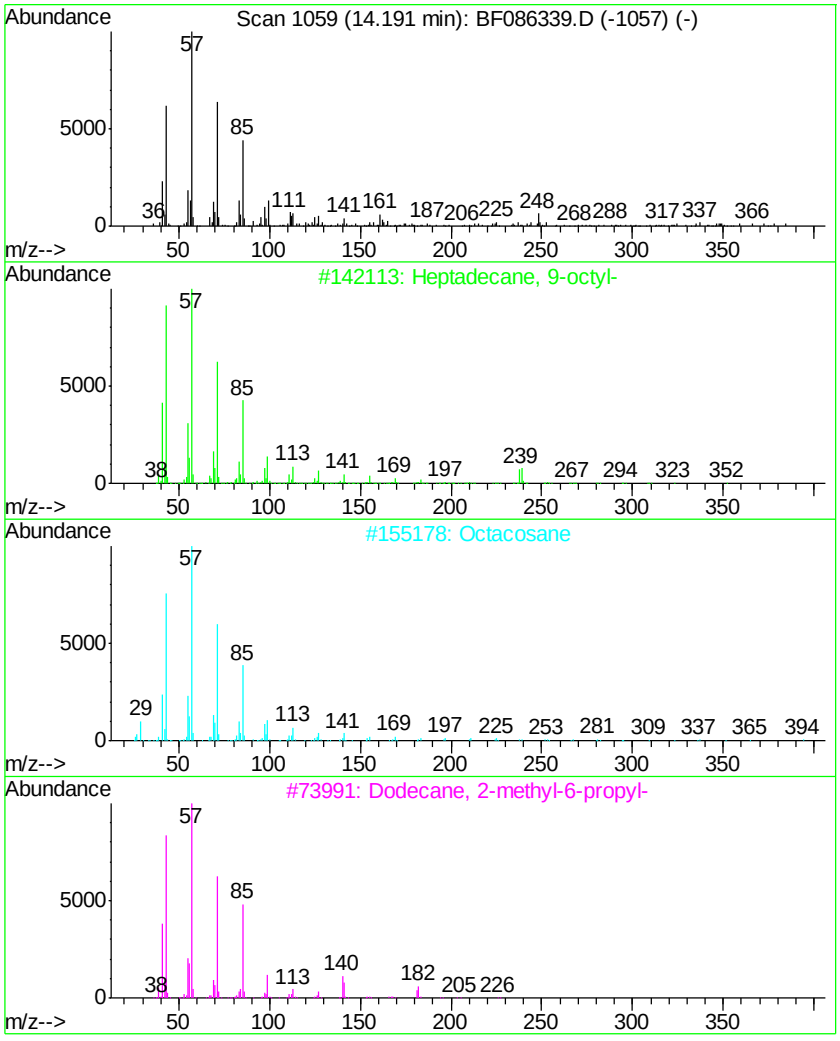
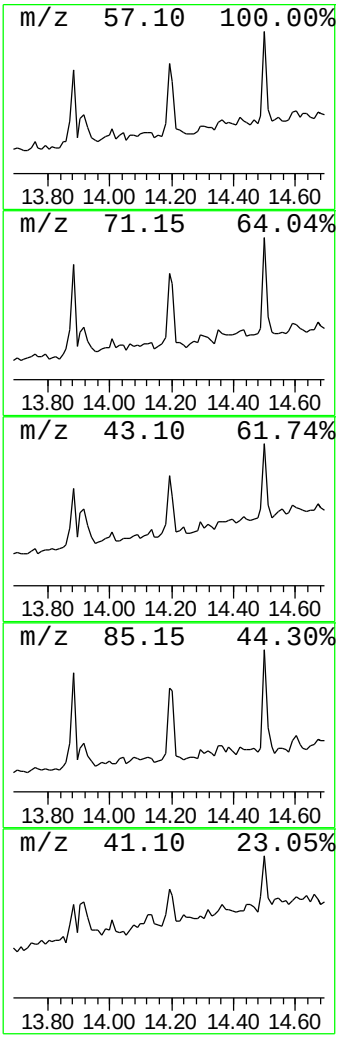
Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.23 ng	228550	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	Hexacosane	366	C26H54	000630-01-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086339.D
Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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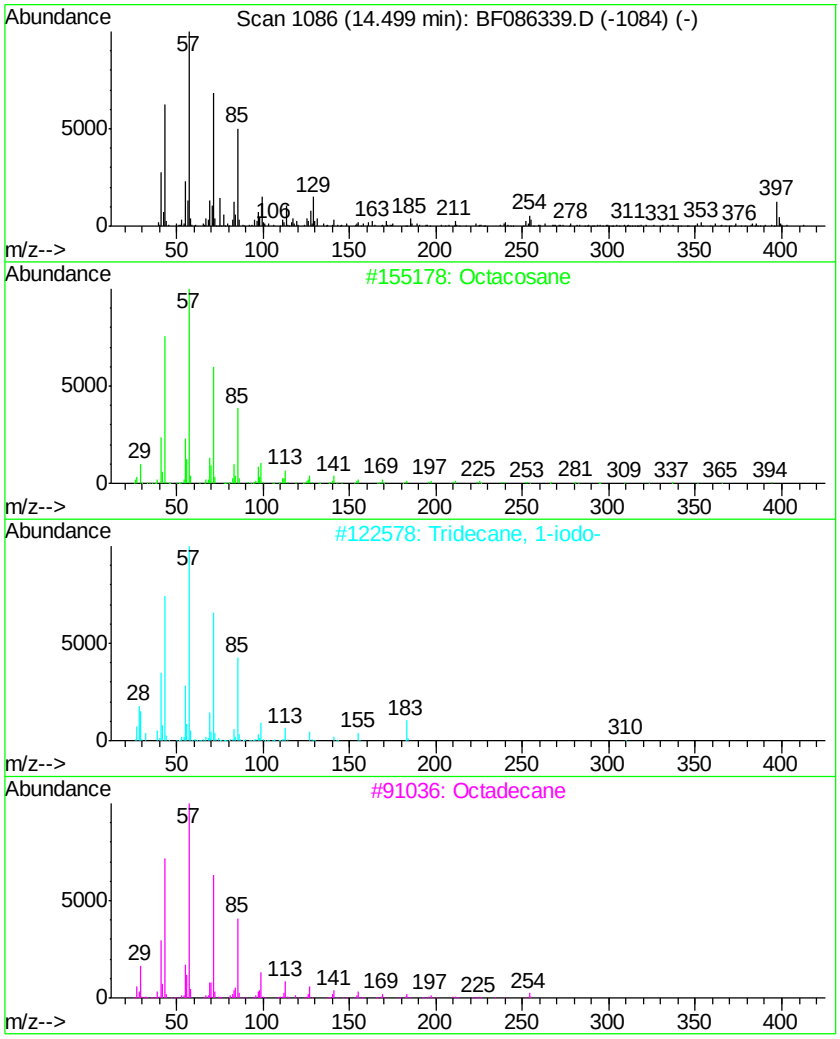
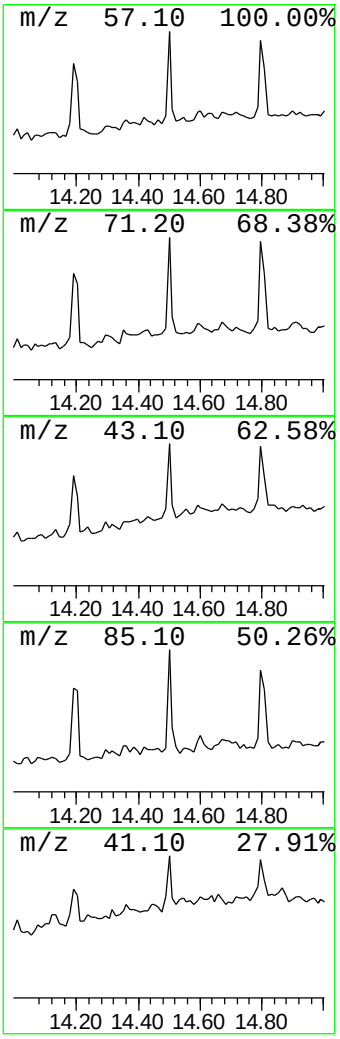
Peak Number 16 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.81 ng	199210	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76
3	Octadecane	254	C18H38	000593-45-3	72
4	Nonadecane	268	C19H40	000629-92-5	68
5	Tetracosane	338	C24H50	000646-31-1	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086339.D
Acq On : 21 Apr 2016 5:46
Operator : UM/SJ
Sample : H2620-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B7(0-12)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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
Propane, 1,1-dime...	2.14	13.4	ng	957153	1	6.86	1427940	20.0
2-Pentanone, 4-hy...	5.06	19.6	ng	1401580	1	6.86	1427940	20.0
unknown6.64	6.64	67.4	ng	4809150	1	6.86	1427940	20.0
Decane	6.70	2.8	ng	199945	1	6.86	1427940	20.0
Nonadecane	8.75	2.6	ng	234014	2	8.16	1769570	20.0
Eicosane	9.31	4.1	ng	283195	3	9.90	1392890	20.0
Hexadecane	9.84	2.5	ng	177074	3	9.90	1392890	20.0
Octadecane	13.21	2.3	ng	162541	5	14.03	1416110	20.0
Cyclotetracosane	13.92	2.5	ng	179791	5	14.03	1416110	20.0
Heptadecane, 9-oc...	14.19	3.2	ng	228550	5	14.03	1416110	20.0
Octacosane	14.50	2.8	ng	199210	5	14.03	1416110	20.0