LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092594.D
Acq On : 27 Jan 2017 23:43
Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

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-BF012417.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	4.841	239	241	244	rBV	35974	65426	1.14%	0.123%
2	5.173	266	270	277	rBV	1860052	2895388	50.30%	5.458%
3	5.596	304	307	309	rBV	4726636	5329260	92.58%	10.046%
4	5.859	329	330	333	rVB	82225	85904	1.49%	0.162%
5	6.624	394	397	400	rBV	4293078	5597718	97.24%	10.553%
6	6.750	405	408	410	rBV	5198020	5415162	94.07%	10.208%
7	6.967	425	427	430	rBV	985714	1099206	19.09%	2.072%
8	7.127	439	441	444	rBV	3401231	4125874	71.67%	7.778%
9	7.539	474	477	479	rBV	2474733	3873243	67.28%	7.302%
10	7.630	482	485	487	rBV	55204	75524	1.31%	0.142%
11	7.996	513	517	521	rBV4	30458	83000	1.44%	0.156%
12	8.270	538	541	543	rBV	1018774	1373382	23.86%	2.589%
13	8.442	552	556	557	rBV3	29123	64329	1.12%	0.121%
14	8.773	583	585	586	rBV	63095	58433	1.02%	0.110%
15	8.808	586	588	591	rBV2	44871	63570	1.10%	0.120%
16	9.093	610	613	614	rBV3	52304	68949	1.20%	0.130%
17	9.288	629	630	633	rBV3	44087	67044	1.16%	0.126%
18	9.356	633	636	638	rBV	4874446	5756661	100.00%	10.852%
19	9.425	640	642	645	rBV2	110324	131879	2.29%	0.249%
20	9.619	656	659	662	rBV4	27623	61672	1.07%	0.116%
21	9.688	664	665	668	rVB3	44264	73997	1.29%	0.139%
22	9.745	668	670	672	rBV	921286	785169	13.64%	1.480%
23	9.962	686	689	691	rVB2	79022	123057	2.14%	0.232%
24	10.031	693	695	697	rVB	1658052	1394770	24.23%	2.629%
25	10.453	729	732	734	rVB	159263	236921	4.12%	0.447%
26	10.568	741	742	748	rVB3	31477	61908	1.08%	0.117%
27	10.682	749	752	755	rVB	59113	99554	1.73%	0.188%
28	10.831	762	765	767	rBV	2314630	2609337	45.33%	4.919%
29	10.933	772	774	779	rVB	251232	326760	5.68%	0.616%
30	11.379	811	813	815	rBV	210084	198421	3.45%	0.374%
31	11.414	815	816	819	rVB	103877	100607	1.75%	0.190%
32	11.528	823	826	829	rBV	811301	1417233	24.62%	2.672%
33	11.756	844	846	849	rBV	64917	66662	1.16%	0.126%
34	11.814	849	851	852	rBV	117579	145679	2.53%	0.275%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.996	863	867	868	rBV3	23763	68449	1.19%	0.129%
36	12.134	877	879	883	rBV2	78976	125452	2.18%	0.236%
37	12.214	884	886	888	rBV	107368	110941	1.93%	0.209%
38	12.351	894	898	899	rBV3	48527	108137	1.88%	0.204%
39	12.454	905	907	910	rBV2	47407	65815	1.14%	0.124%
40	12.499	910	911	916	rBV3	55349	106864	1.86%	0.201%
41	12.579	916	918	919	rBV	54441	80425	1.40%	0.152%
42	12.602	919	920	922	rVV2	79052	92221	1.60%	0.174%
43	12.739	930	932	934	rBV	595804	540680	9.39%	1.019%
44	12.785	934	936	938	rVB3	44604	71166	1.24%	0.134%
45	12.888	943	945	947	rBV	50428	77670	1.35%	0.146%
46	12.968	949	952	955	rBV	537534	660322	11.47%	1.245%
47	13.117	962	965	967	rBV	3631992	3855987	66.98%	7.269%
48	13.334	982	984	988	rBV4	107028	246807	4.29%	0.465%
49	13.551	1001	1003	1005	rVB2	127766	139136	2.42%	0.262%
50	13.677	1012	1014	1016	rBV2	148648	183339	3.18%	0.346%
51	14.008	1041	1043	1048	rVB2	289954	402839	7.00%	0.759%
52	14.168	1054	1057	1058	rBV2	1040249	1142377	19.84%	2.154%
53	15.665	1185	1188	1192	rVB2	561588	1035638	17.99%	1.952%

Sum of corrected areas: 53045964

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Operator : SJ/MA
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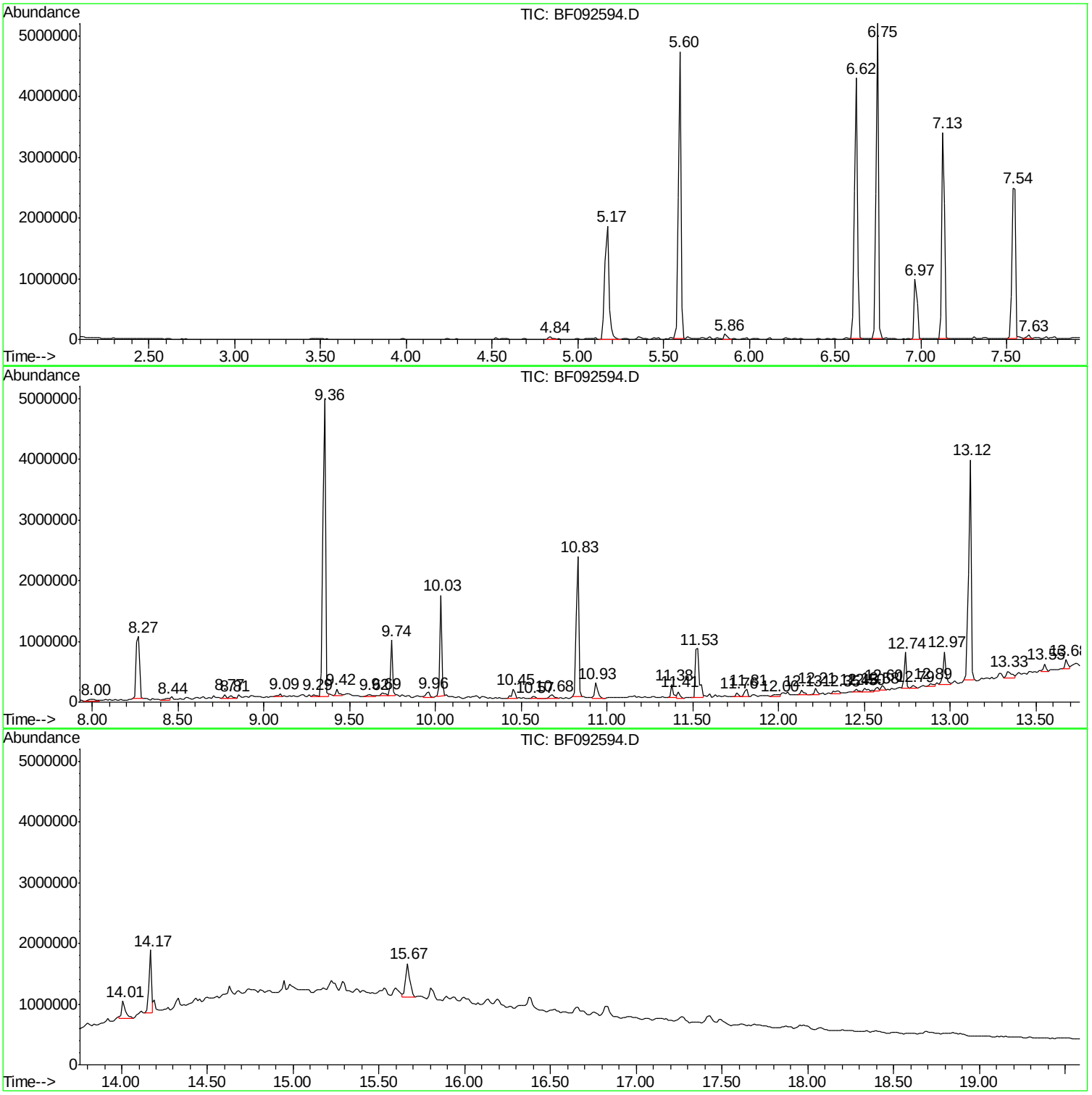
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012717\
Data File : BF092594.D
Acq On : 27 Jan 2017 23:43
Operator : SJ/MA
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

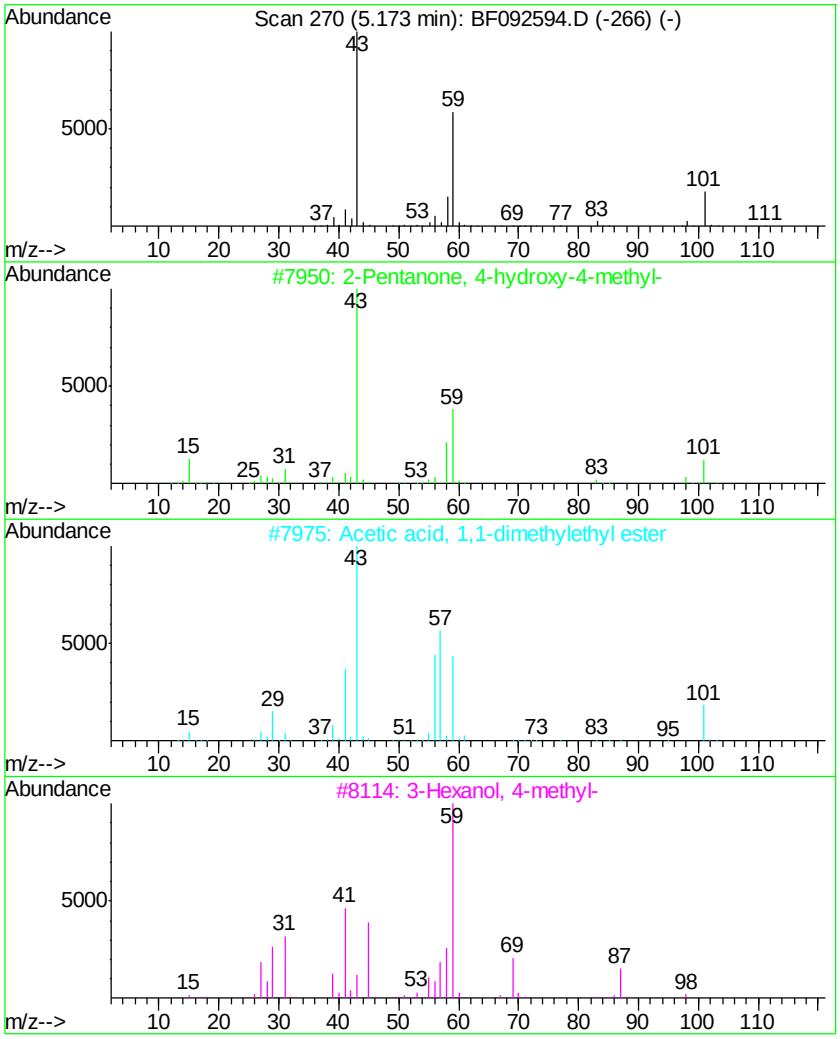
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

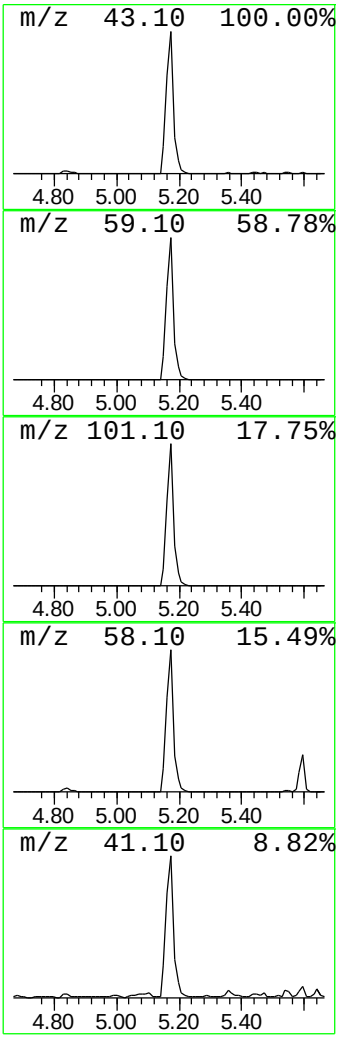
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	52.68 ng	2895390	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

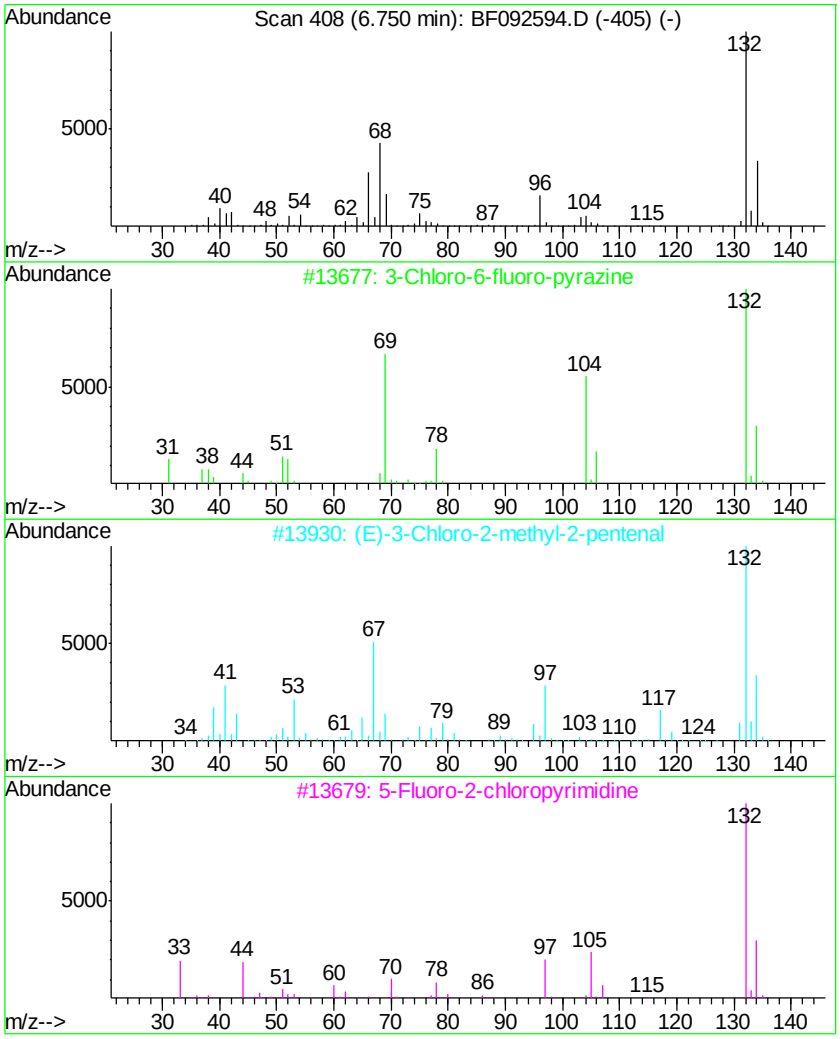
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

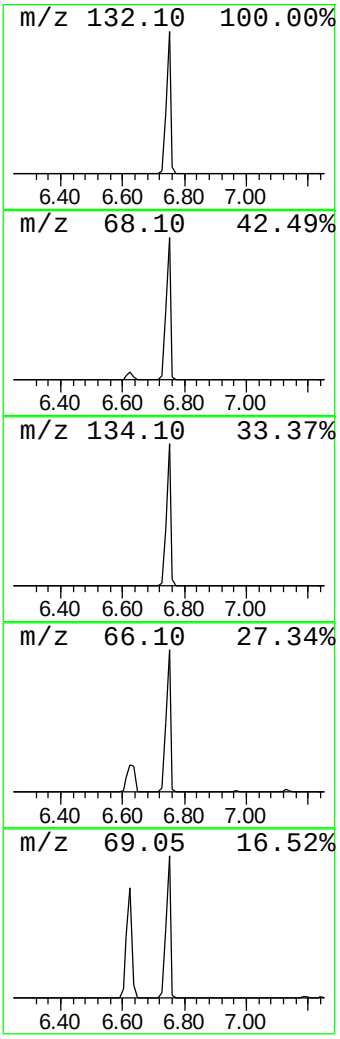
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	98.53 ng	5415160	1,4-Dichlorobenzene-d4	6.97

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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092594.D
Acq On : 27 Jan 2017 23:43
Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

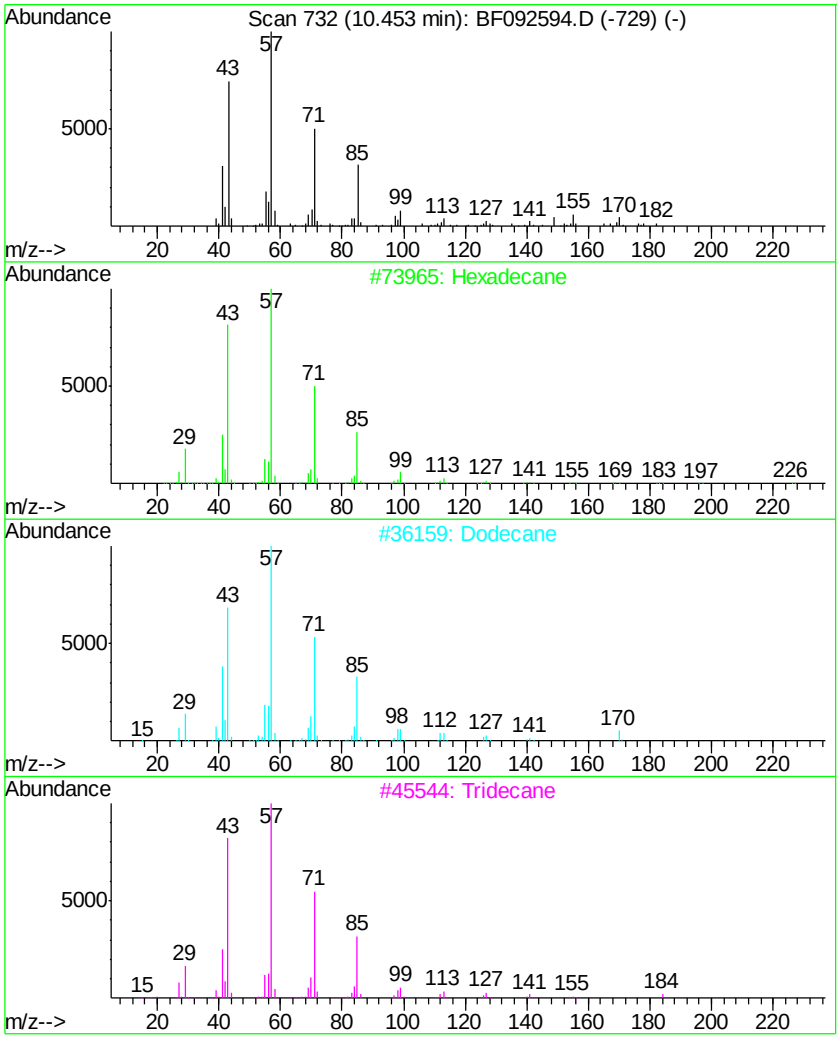
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

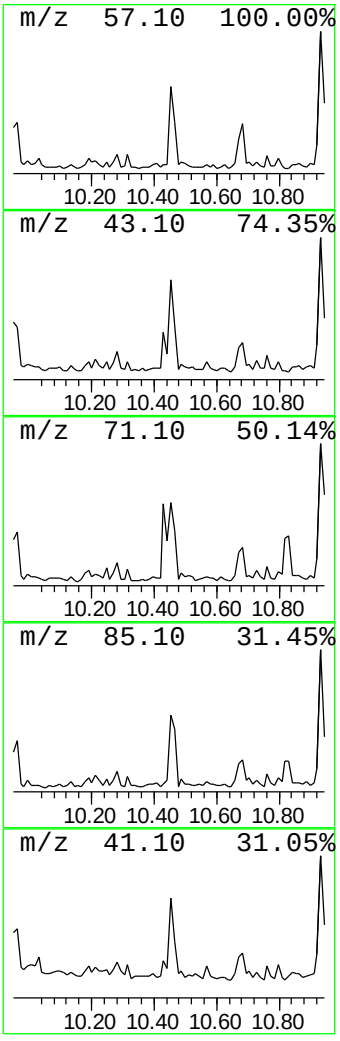
****

Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.40 ng	236921	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Dodecane	170	C12H26	000112-40-3	83
3	Tridecane	184	C13H28	000629-50-5	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Decane, 3-methyl-	156	C11H24	013151-34-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092594.D
Acq On : 27 Jan 2017 23:43
Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

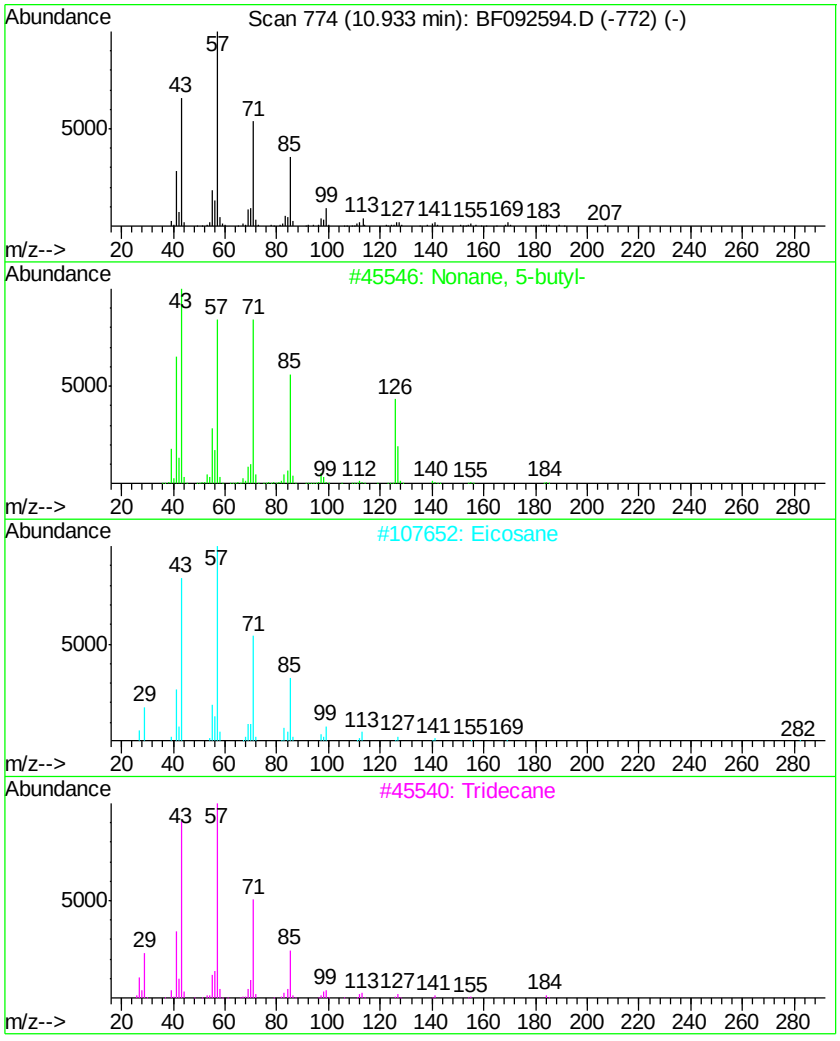
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

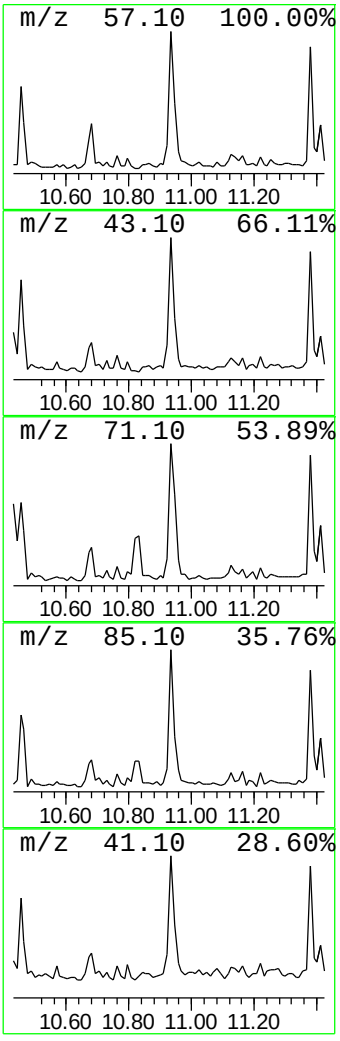
****

Peak Number 5 Nonane, 5-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.61 ng	326760	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane	184	C13H28	000629-50-5	87
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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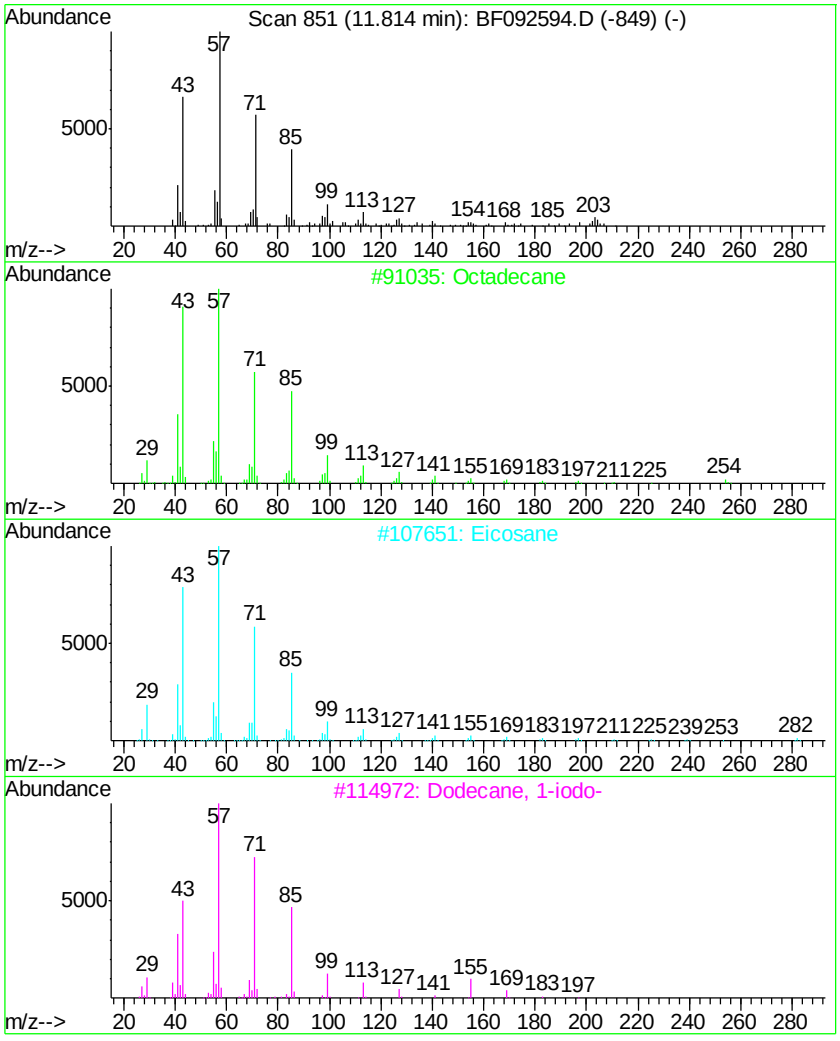
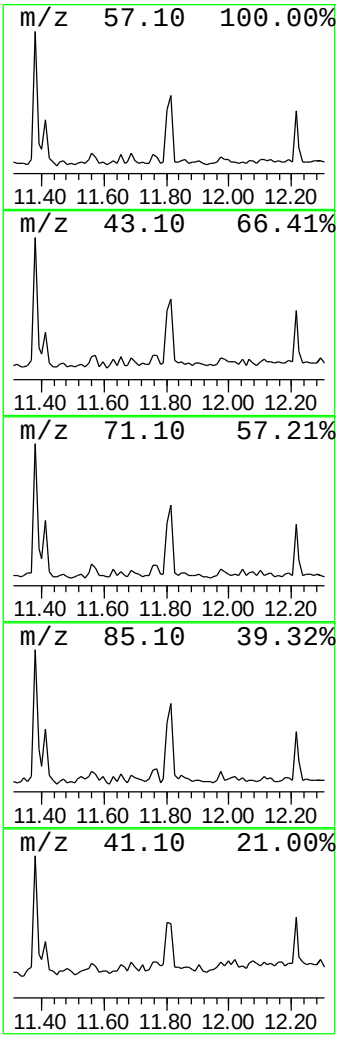
Peak Number 7 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.06 ng	145679	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : I1448-08
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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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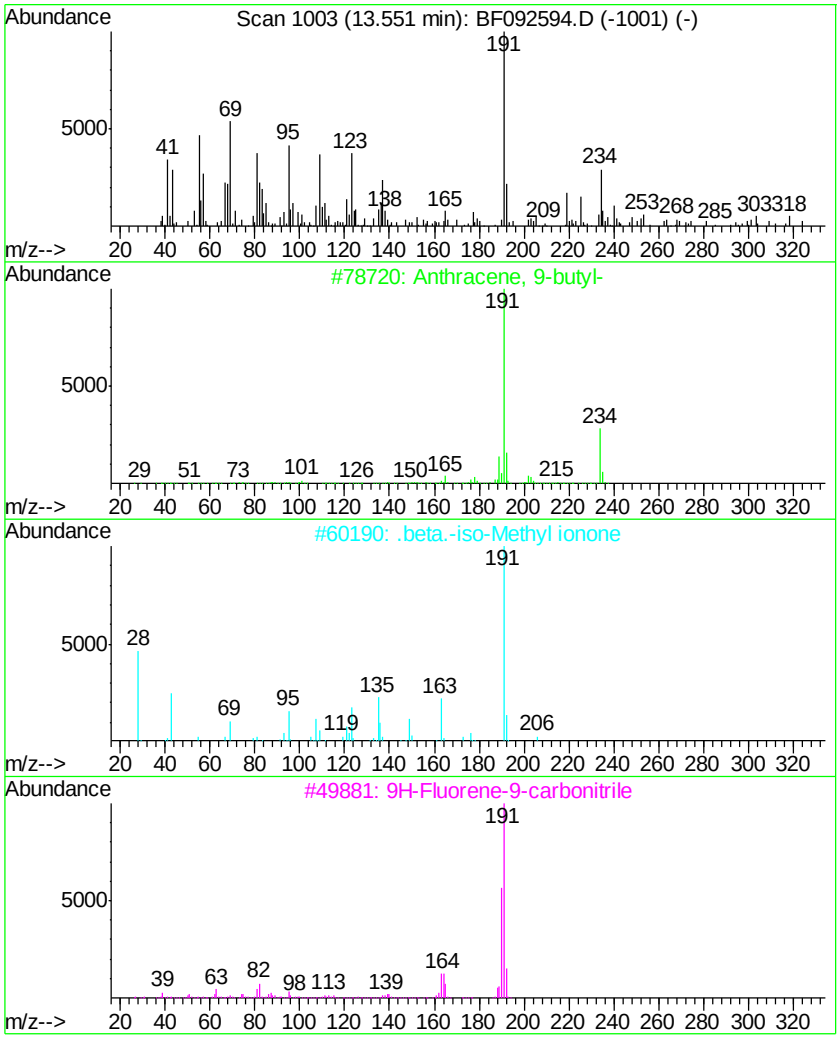
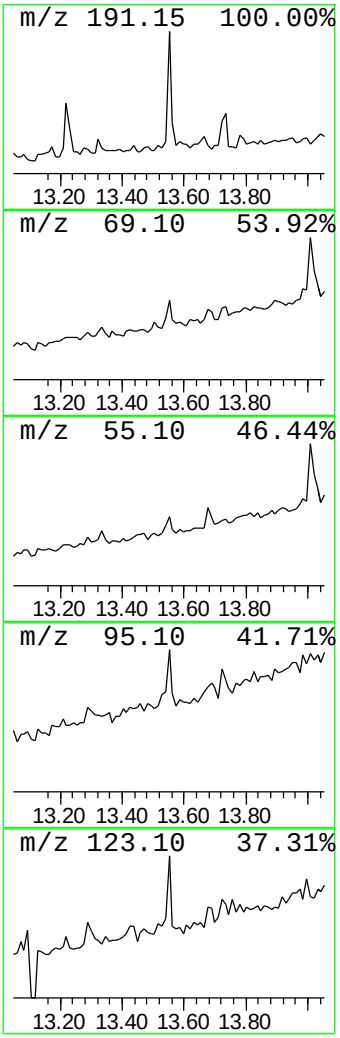
Peak Number 9 unknown13.55 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.44 ng	139136	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-	234	C18H18	001498-69-7	43
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	40
3	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	35
4	Spiro(1,3-benzodioxole-2,1'-cycl...	234	C13H14O4	056011-74-6	35
5	4,8a-Dimethyl-6-(2-methyl-oxiran...	234	C15H22O2	1000189-11-4	27





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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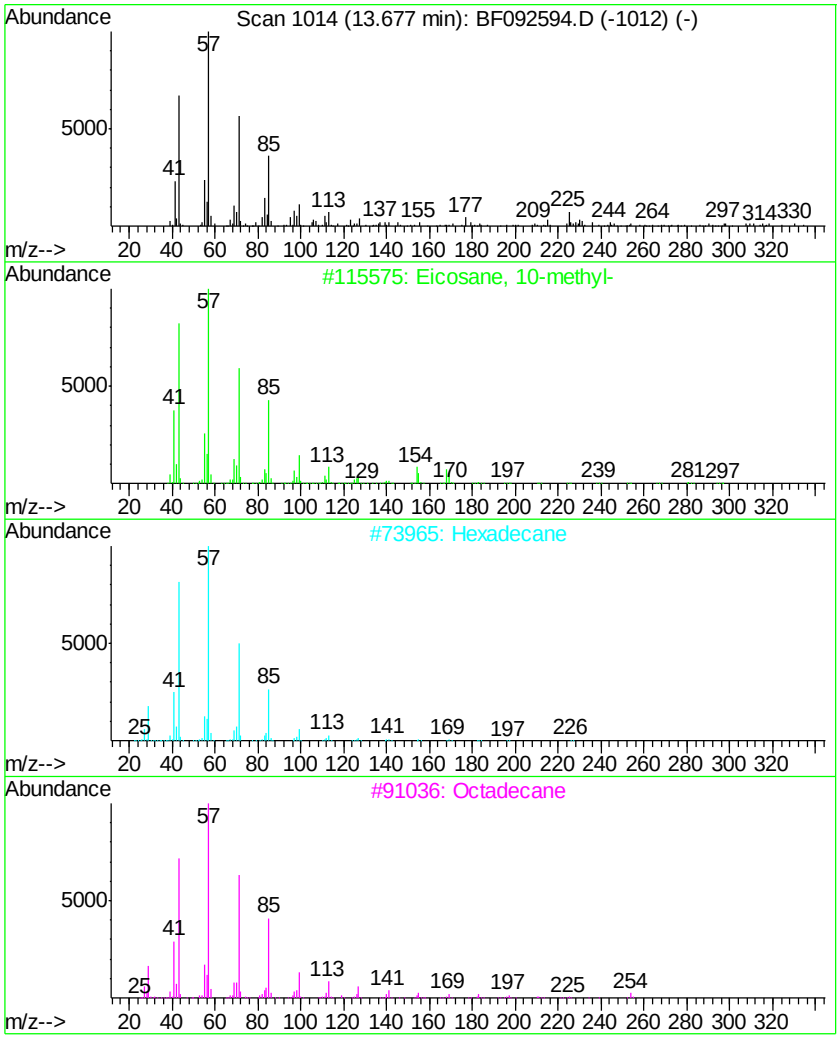
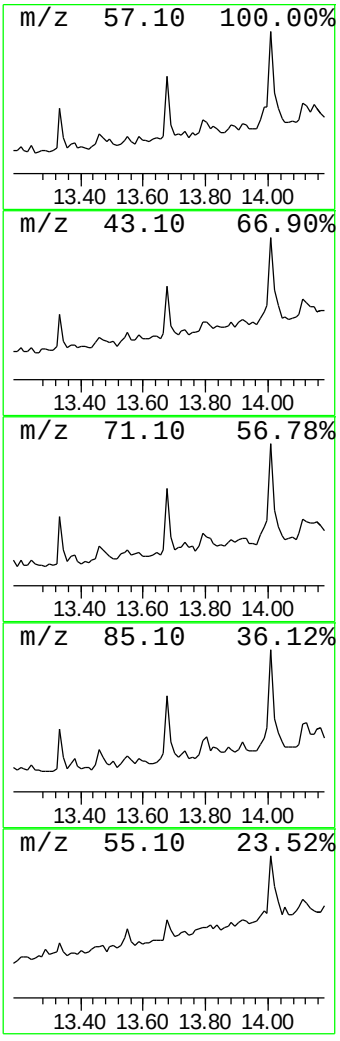
Peak Number 10 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.21 ng	183339	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092594.D
Acq On : 27 Jan 2017 23:43
Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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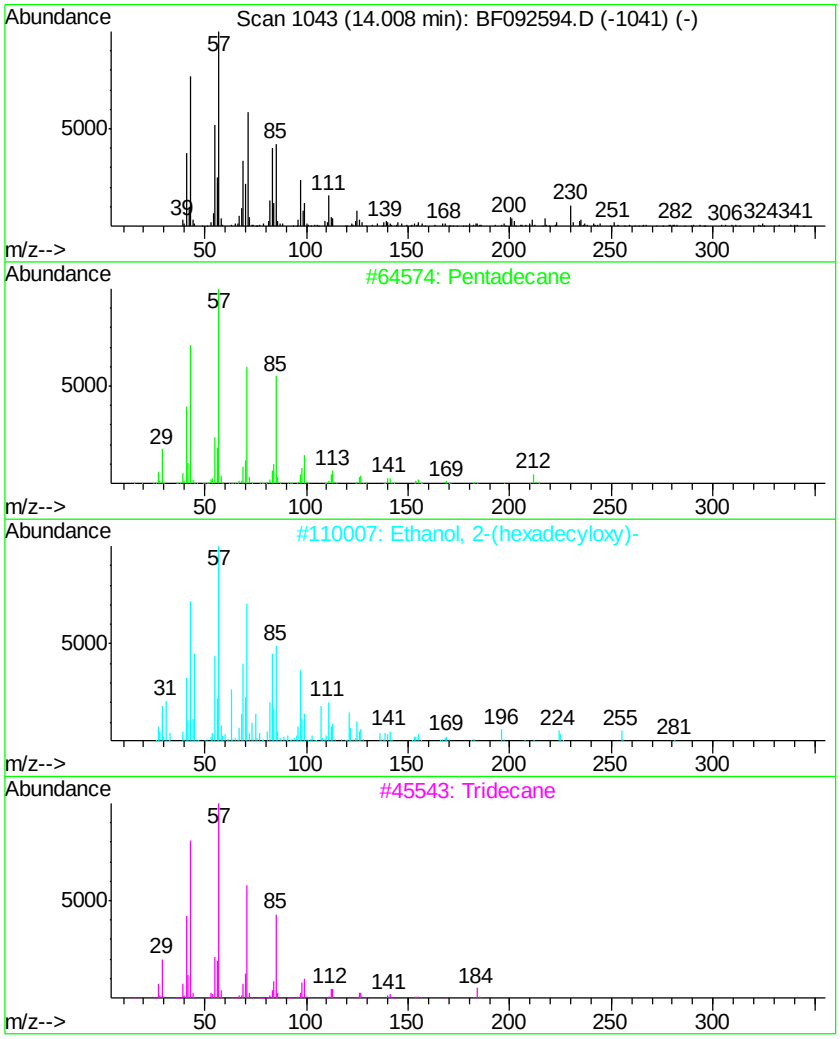
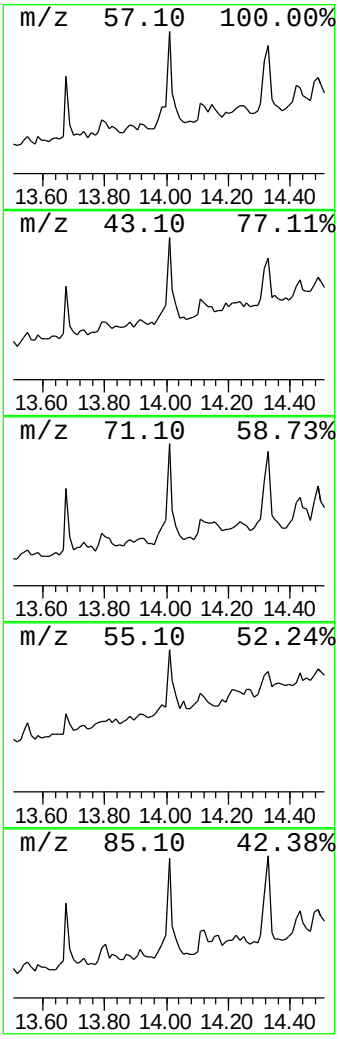
Peak Number 11 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	7.05 ng	402839	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
3	Tridecane	184	C13H28	000629-50-5	78
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	60
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092594.D
Acq On : 27 Jan 2017 23:43
Operator : SJ/MA
Sample : I1448-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-BL-01-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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...	5.17	52.7	ng	2895390	1	6.97	1099210	20.0
unknown6.75	6.75	98.5	ng	5415160	1	6.97	1099210	20.0
Hexadecane	10.45	3.4	ng	236921	3	10.03	1394770	20.0
Nonane, 5-butyl-	10.93	4.6	ng	326760	4	11.53	1417230	20.0
Octadecane	11.81	2.1	ng	145679	4	11.53	1417230	20.0
unknown13.55	13.55	2.4	ng	139136	5	14.17	1142380	20.0
Eicosane, 10-methyl-	13.68	3.2	ng	183339	5	14.17	1142380	20.0
Pentadecane	14.01	7.0	ng	402839	5	14.17	1142380	20.0