LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

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-BF110316.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	2.670	83	86	97	rVB	43698	99280	1.88%	0.221%
2	4.739	265	267	277	rBV	311281	513973	9.71%	1.144%
3	5.196	305	307	327	rBV	1851398	2222681	41.98%	4.947%
4	6.270	399	401	409	rBV	1340834	1602411	30.26%	3.567%
5	6.384	409	411	414	rBV	3580024	3668555	69.29%	8.165%
6	6.613	429	431	437	rBV	948853	1142479	21.58%	2.543%
7	6.773	442	445	447	rBV	3309339	3127668	59.07%	6.961%
8	7.059	468	470	476	rVB4	38791	65687	1.24%	0.146%
9	7.196	479	482	484	rBV	2287971	2783168	52.57%	6.195%
10	7.345	491	495	498	rBV2	137345	297635	5.62%	0.662%
11	7.413	498	501	502	rVB2	39747	56812	1.07%	0.126%
12	7.825	535	537	542	rBV2	61874	105798	2.00%	0.235%
13	7.905	542	544	547	rBV	1449296	1384776	26.15%	3.082%
14	8.065	554	558	561	rBV4	21807	56095	1.06%	0.125%
15	8.190	567	569	573	rVB2	74717	103667	1.96%	0.231%
16	8.305	576	579	581	rBV	39742	71839	1.36%	0.160%
17	8.705	611	614	616	rBV	372427	452717	8.55%	1.008%
18	8.876	625	629	631	rBV2	56386	95437	1.80%	0.212%
19	8.990	636	639	641	rBV	5200794	5184774	97.92%	11.540%
20	9.390	672	674	676	rBV	192886	192952	3.64%	0.429%
21	9.436	676	678	686	rVB	1192692	1164333	21.99%	2.591%
22	9.550	686	688	690	rBV	32366	62964	1.19%	0.140%
23	9.585	690	691	695	rVV2	49625	108169	2.04%	0.241%
24	9.653	695	697	700	rVB	1420241	1629802	30.78%	3.627%
25	9.928	717	721	723	rBV3	32886	85113	1.61%	0.189%
26	10.111	730	737	738	rBV3	67323	158109	2.99%	0.352%
27	10.396	759	762	764	rBV3	62097	132948	2.51%	0.296%
28	10.453	764	767	769	rBV	3180414	3787754	71.54%	8.430%
29	10.579	776	778	781	rBV2	161522	230984	4.36%	0.514%
30	10.785	793	796	801	rBV	584030	737993	13.94%	1.643%
31	10.888	803	805	808	rVB4	35830	59498	1.12%	0.132%
32	11.025	813	817	818	rBV	168159	230400	4.35%	0.513%
33	11.139	824	827	829	rBV	1836479	1725384	32.59%	3.840%
34	11.196	830	832	837	rVB4	41070	79138	1.49%	0.176%

LSC Area Percent Report

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Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.333	840	844	845	rBV2	36904	64013	1.21%	0.142%
36	11.448	852	854	857	rBV	116194	111807	2.11%	0.249%
37	11.608	866	868	873	rBV2	28799	76416	1.44%	0.170%
38	11.688	873	875	878	rBV2	105394	194398	3.67%	0.433%
39	11.859	888	890	891	rBV	60923	74766	1.41%	0.166%
40	11.951	896	898	899	rBV	123454	163807	3.09%	0.365%
41	12.134	912	914	916	rBV	47684	68179	1.29%	0.152%
42	12.248	922	924	925	rBV	66440	73512	1.39%	0.164%
43	12.385	934	936	939	rBV2	51668	109501	2.07%	0.244%
44	12.476	943	944	946	rBV	58363	90956	1.72%	0.202%
45	12.614	955	956	958	rBV2	129831	169212	3.20%	0.377%
46	12.728	963	966	969	rBV	5038246	5294701	100.00%	11.784%
47	12.968	985	987	988	rBV2	109009	113756	2.15%	0.253%
48	13.094	996	998	1003	rBV	128357	235584	4.45%	0.524%
49	13.311	1014	1017	1018	rBV2	193995	257944	4.87%	0.574%
50	13.425	1025	1027	1030	rBV2	110211	232928	4.40%	0.518%
51	13.642	1043	1046	1050	rVB	242982	527258	9.96%	1.174%
52	13.768	1055	1057	1060	rVB	1406226	1504306	28.41%	3.348%
53	14.259	1098	1100	1104	rVB2	192802	392343	7.41%	0.873%
54	14.419	1112	1114	1116	rBV2	147051	239020	4.51%	0.532%
55	14.557	1123	1126	1127	rBV2	145919	238921	4.51%	0.532%
56	14.625	1130	1132	1134	rBV2	103961	149784	2.83%	0.333%
57	14.854	1150	1152	1153	rVB	114184	118247	2.23%	0.263%
58	15.140	1175	1177	1180	rBV	653896	903930	17.07%	2.012%
59	15.551	1211	1213	1215	rVB	72456	103153	1.95%	0.230%

Sum of corrected areas: 44929435

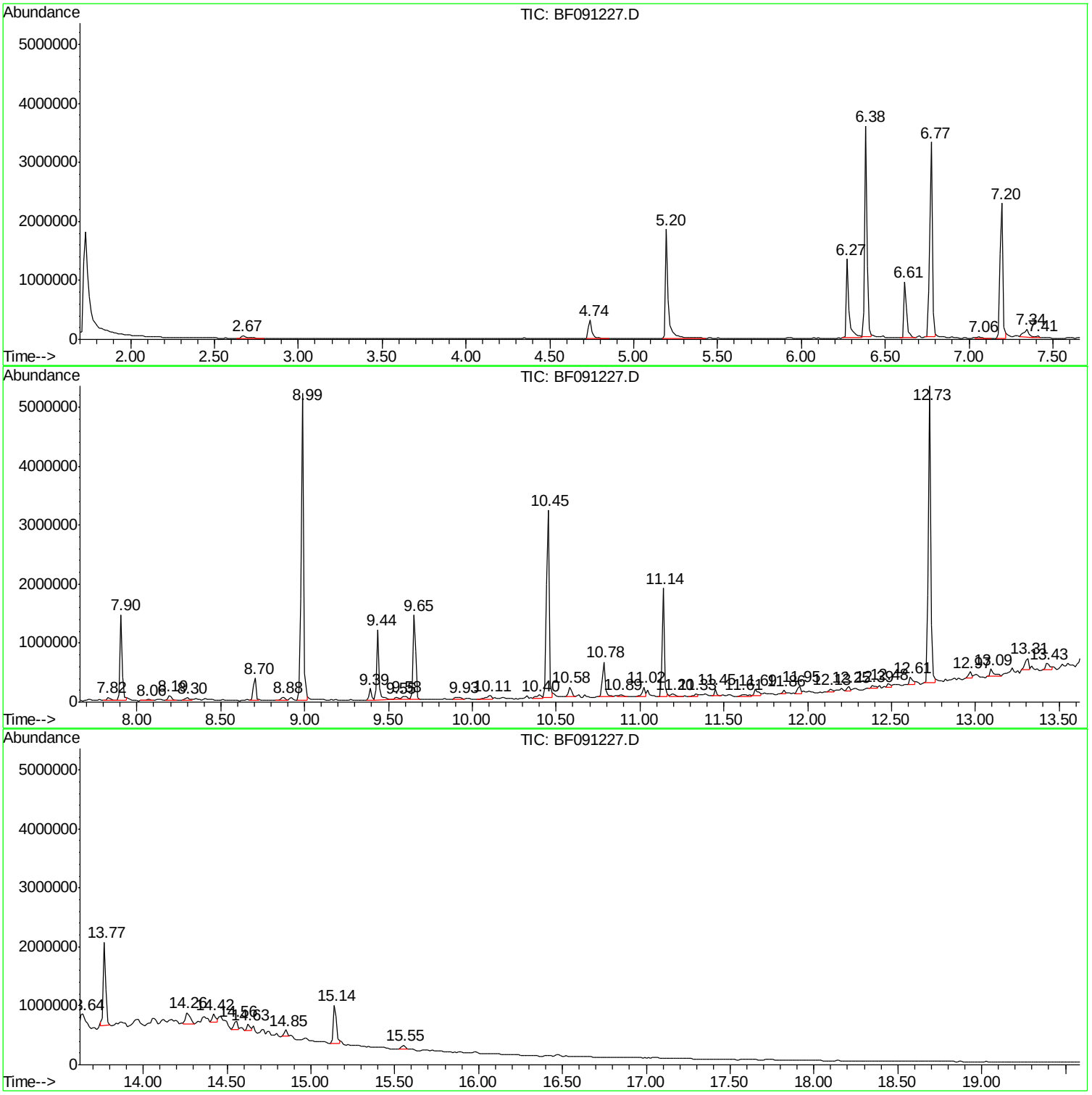
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

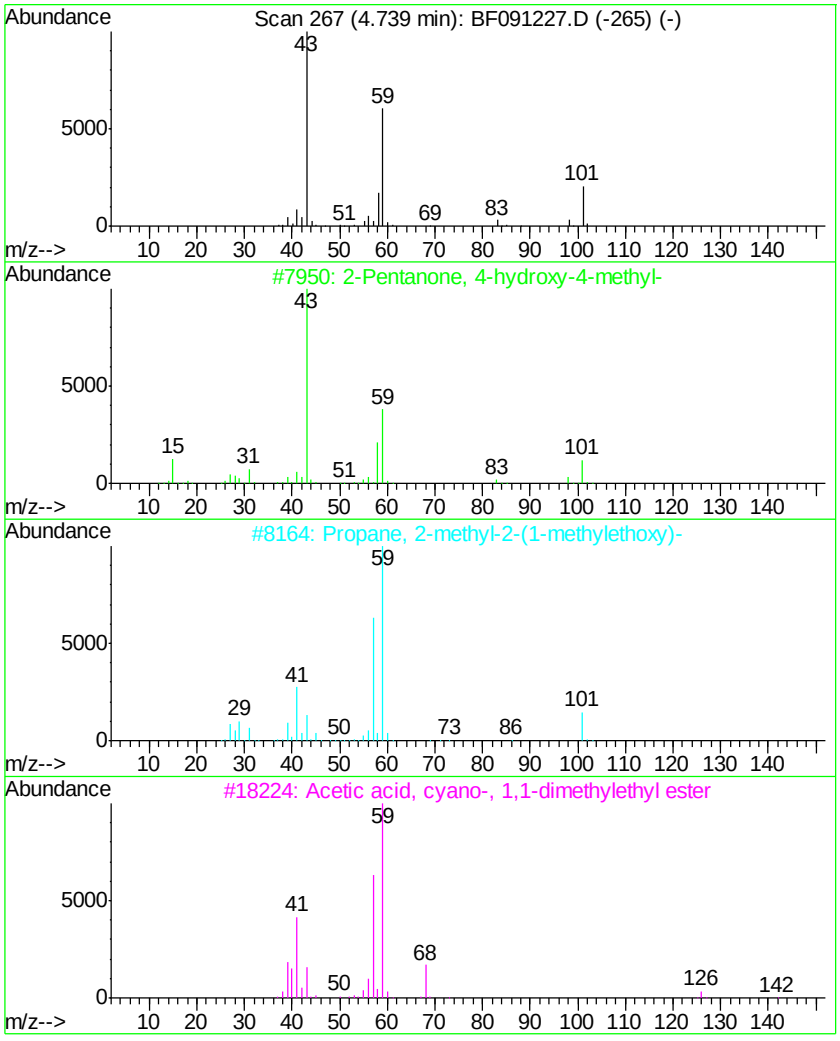
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

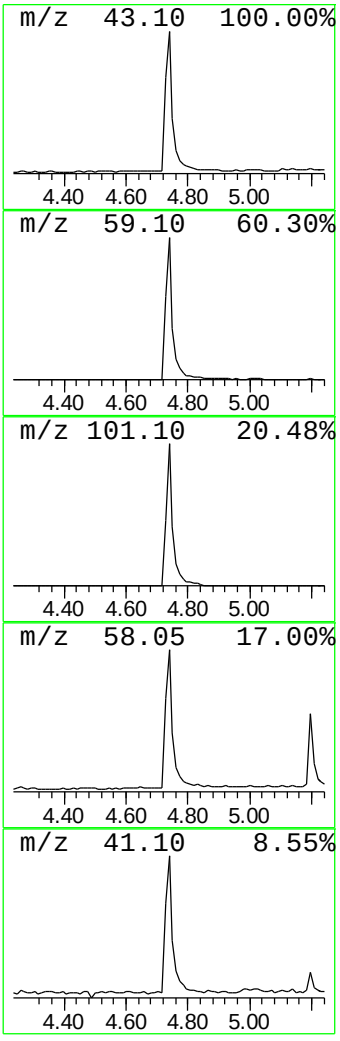
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	9.00 ng	513973	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

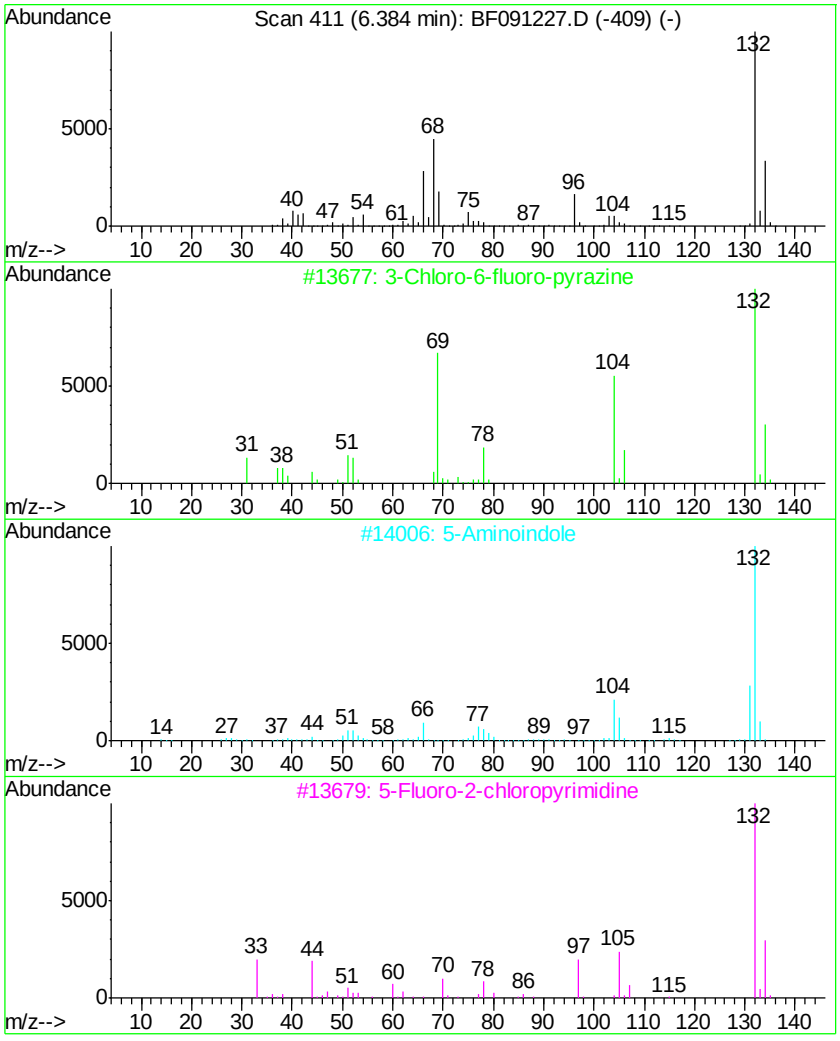
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

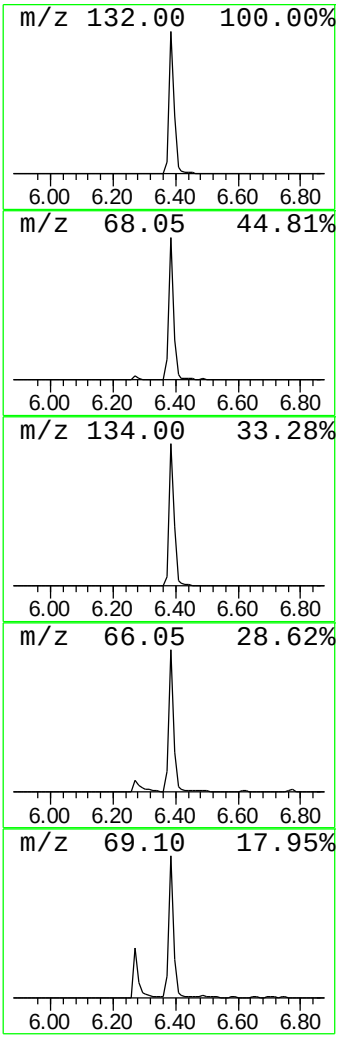
****

Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	64.22 ng	3668560	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

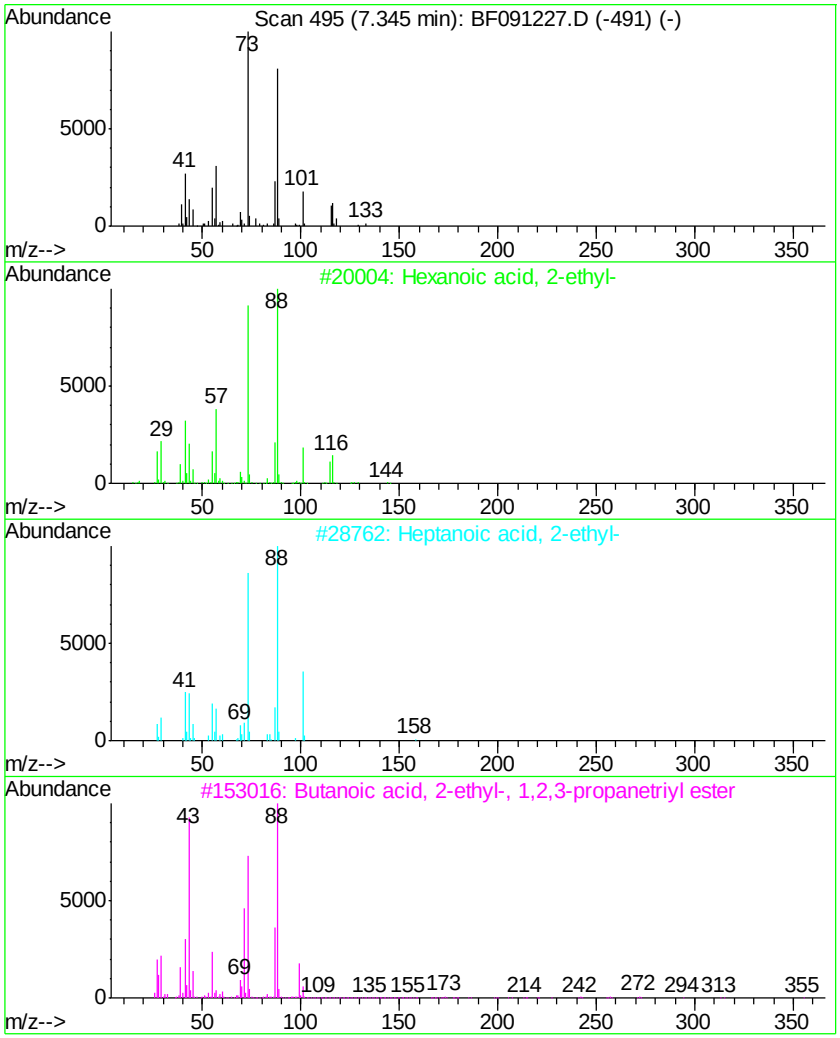
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

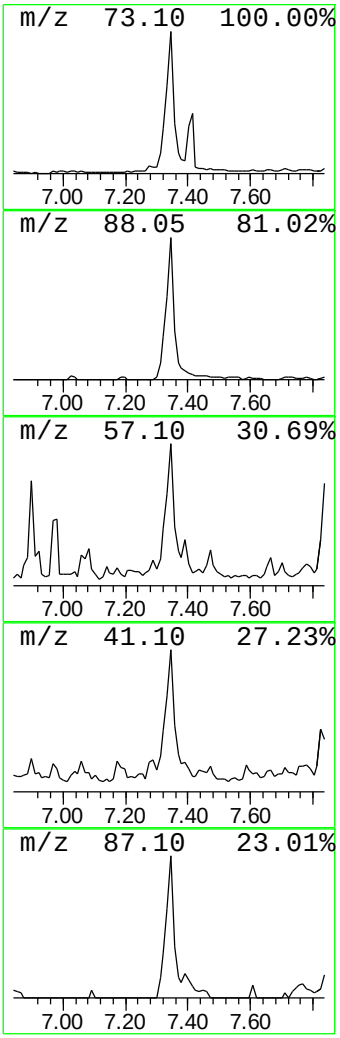
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	4.30 ng	297635	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
4	Bis-(2-methoxyethyl)-amine	133	C6H15NO2	000111-95-5	38
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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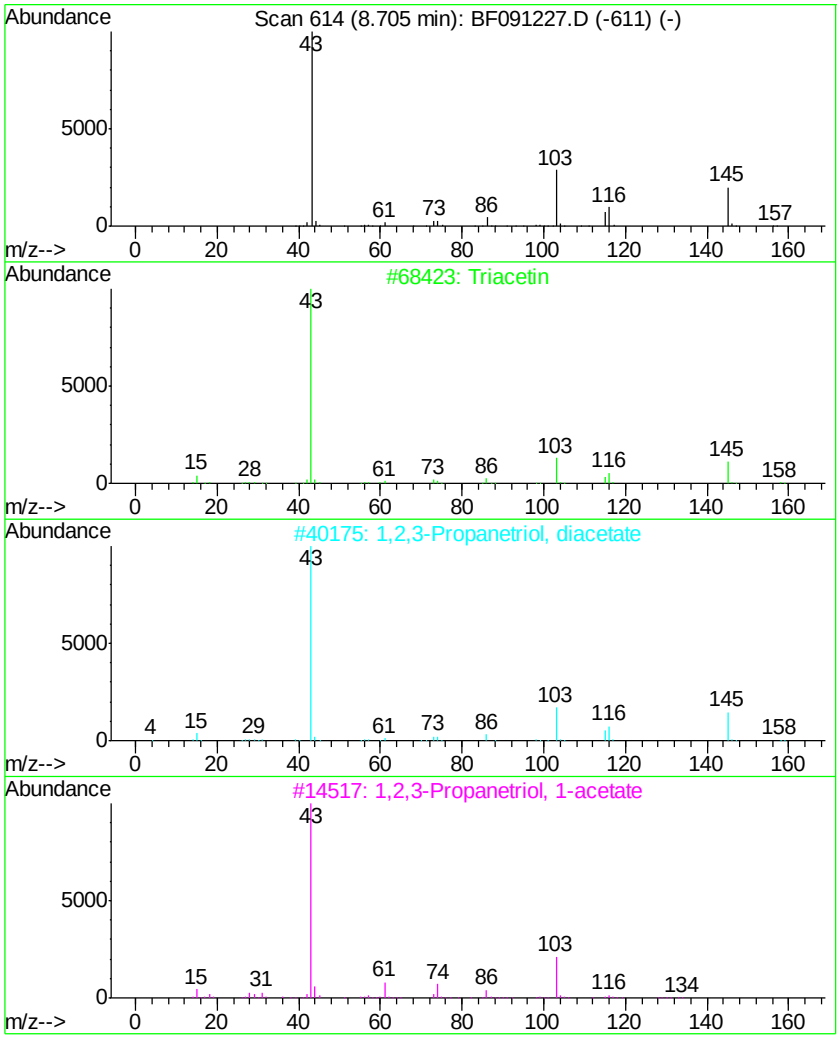
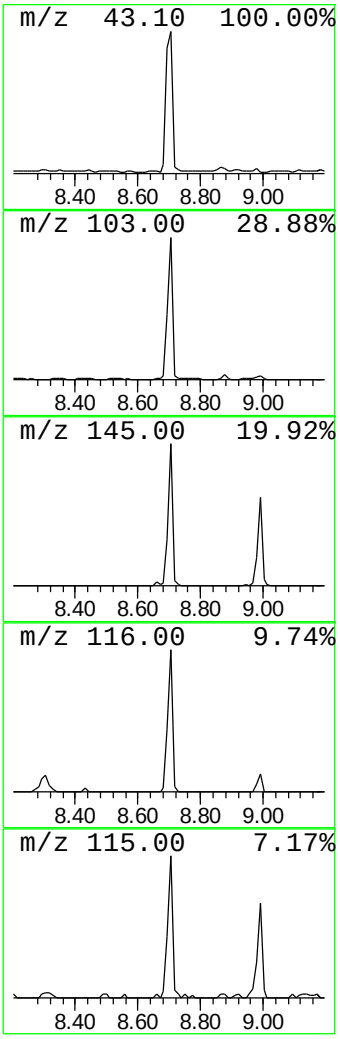
Peak Number 5 Triacetin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	6.54 ng	452717	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacetin	218	C9H14O6	000102-76-1	83
2	1,2,3-Propanetriol, diacetate	176	C7H12O5	025395-31-7	59
3	1,2,3-Propanetriol, 1-acetate	134	C5H10O4	000106-61-6	25
4	1,2,3,4-Butanetetrol, tetraaceta...	290	C12H18O8	007208-40-4	9
5	1,2,3-Propanetriol, monoacetate	134	C5H10O4	026446-35-5	9





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Data File : BF091227.D
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Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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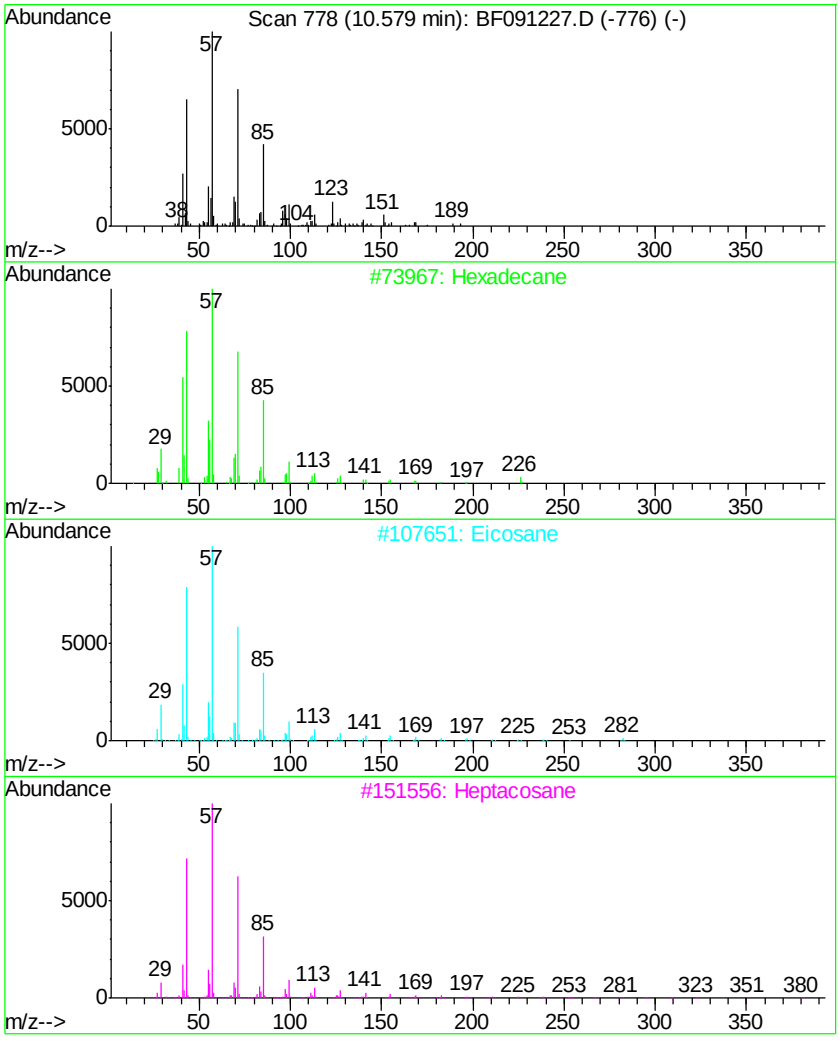
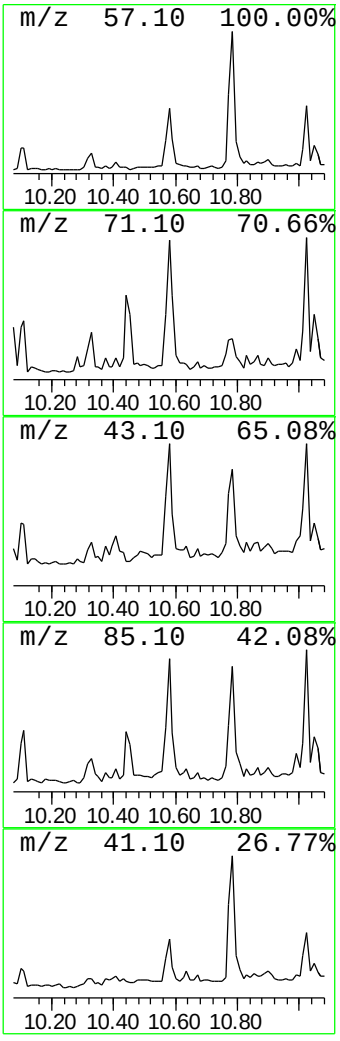
Peak Number 6 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.68 ng	230984	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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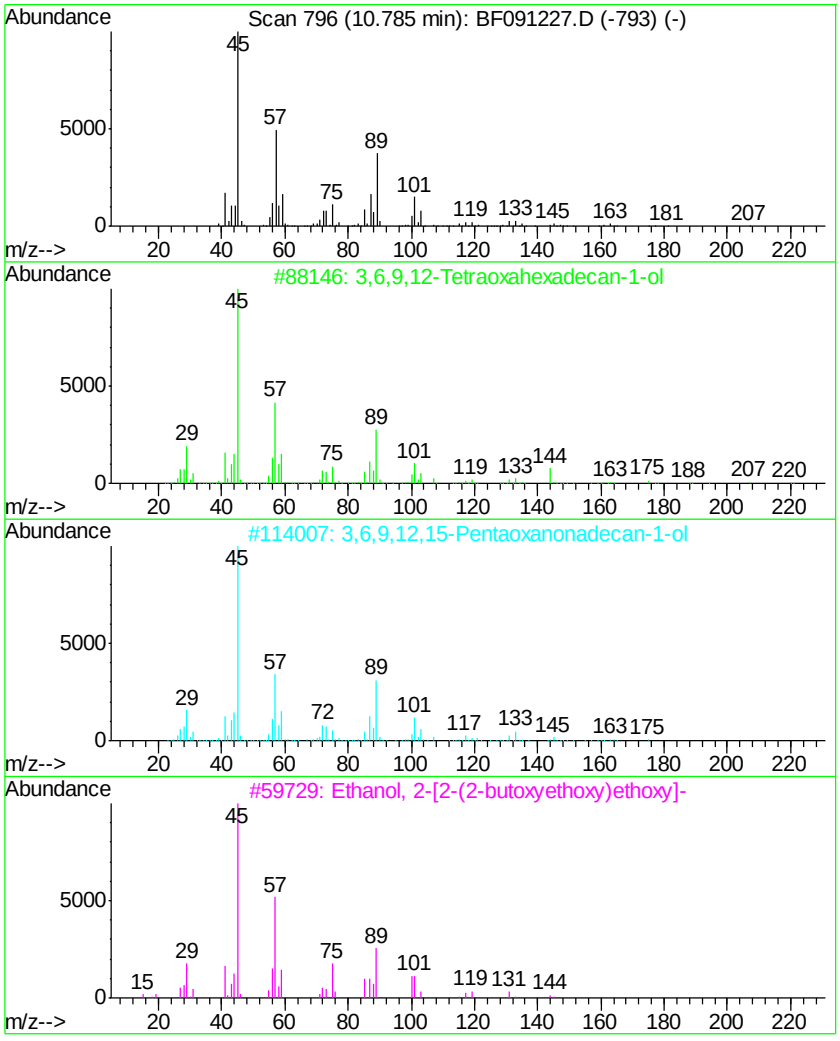
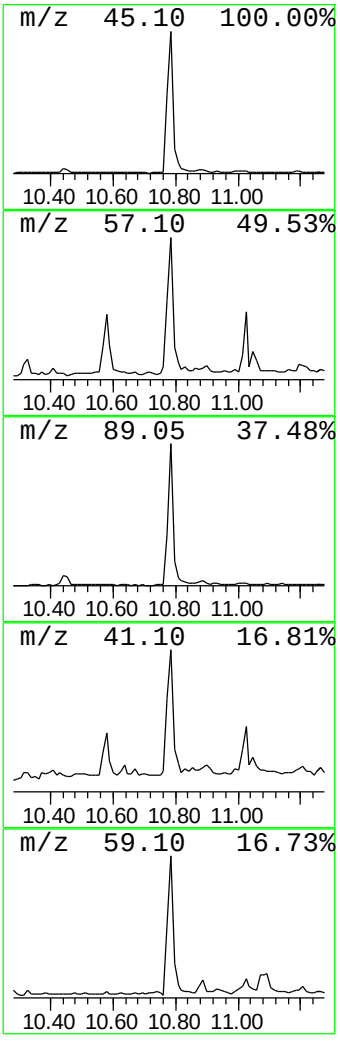
Peak Number 7 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	8.55 ng	737993	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	86
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	86
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
4	Octaethylene glycol	370	C16H34O9	1000289-34-2	72
5	Hexagol	282	C12H26O7	002615-15-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

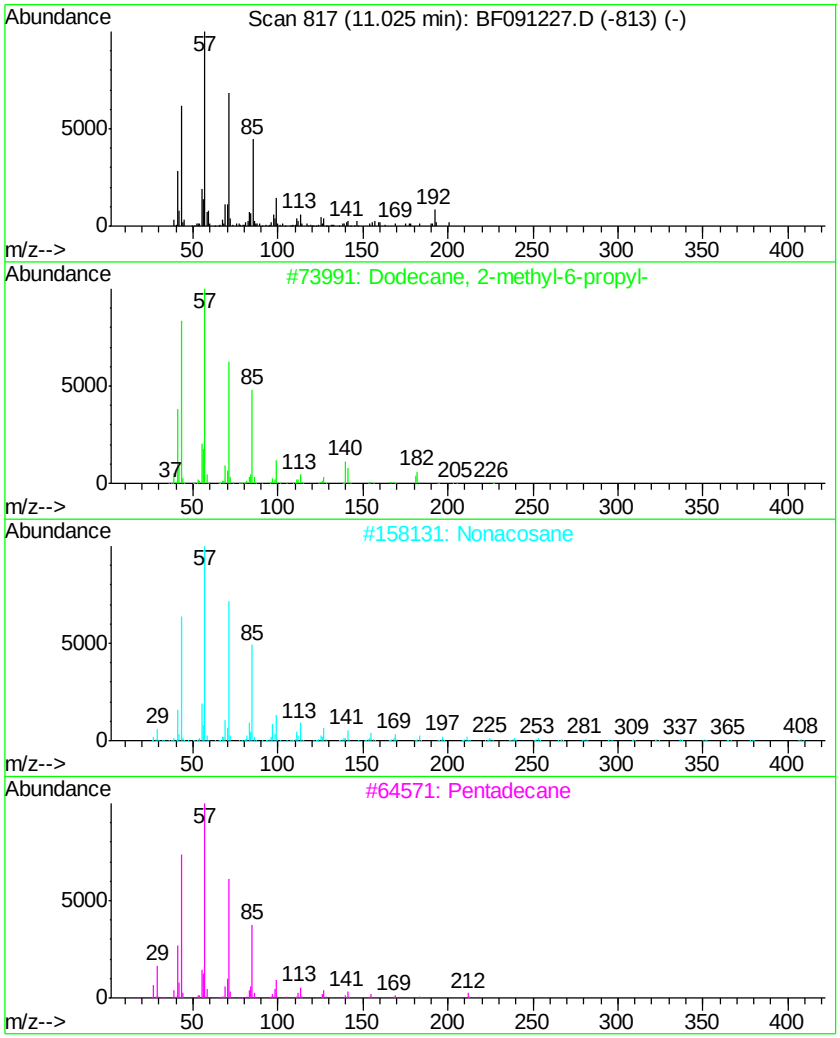
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

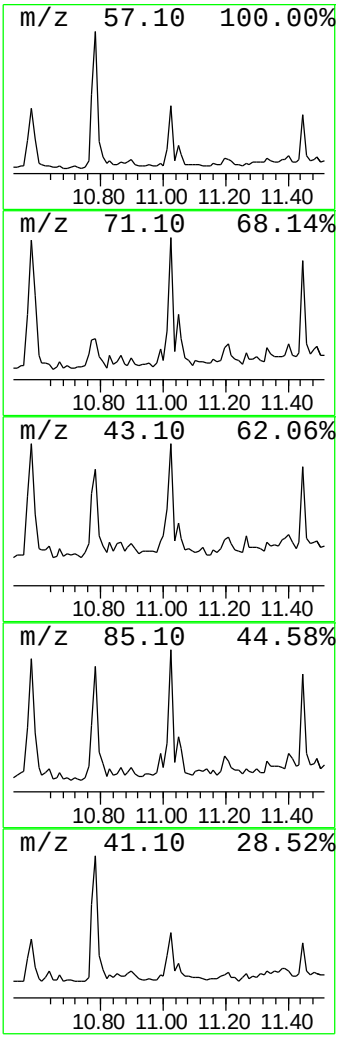
****

Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.67 ng	230400	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Nonacosane	408	C29H60	000630-03-5	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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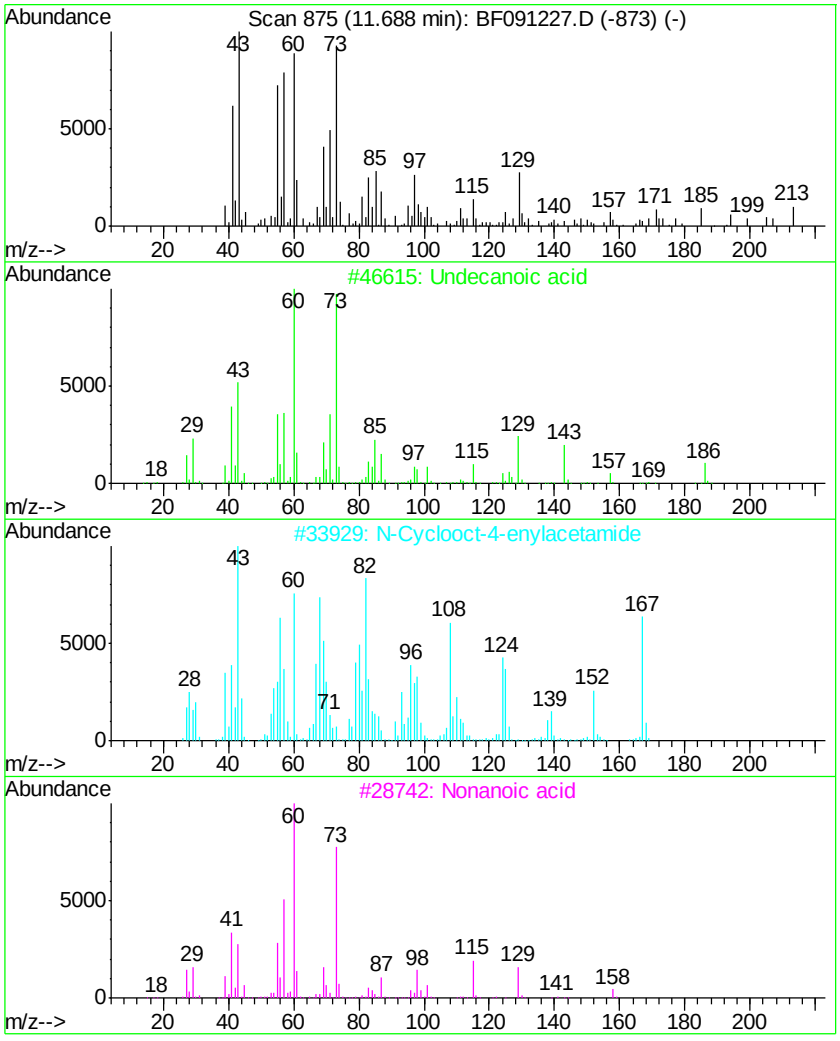
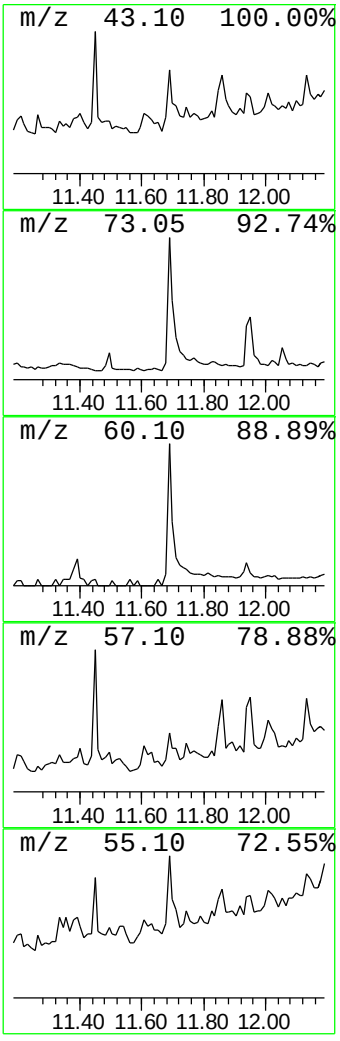
Peak Number 9 Undecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.25 ng	194398	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	53
2	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	42
3	Nonanoic acid	158	C9H18O2	000112-05-0	38
4	Lactose	342	C12H22O11	000063-42-3	38
5	2H-1,2-Oxazine, tetrahydro-2-met...	177	C11H15NO	015769-89-8	18





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Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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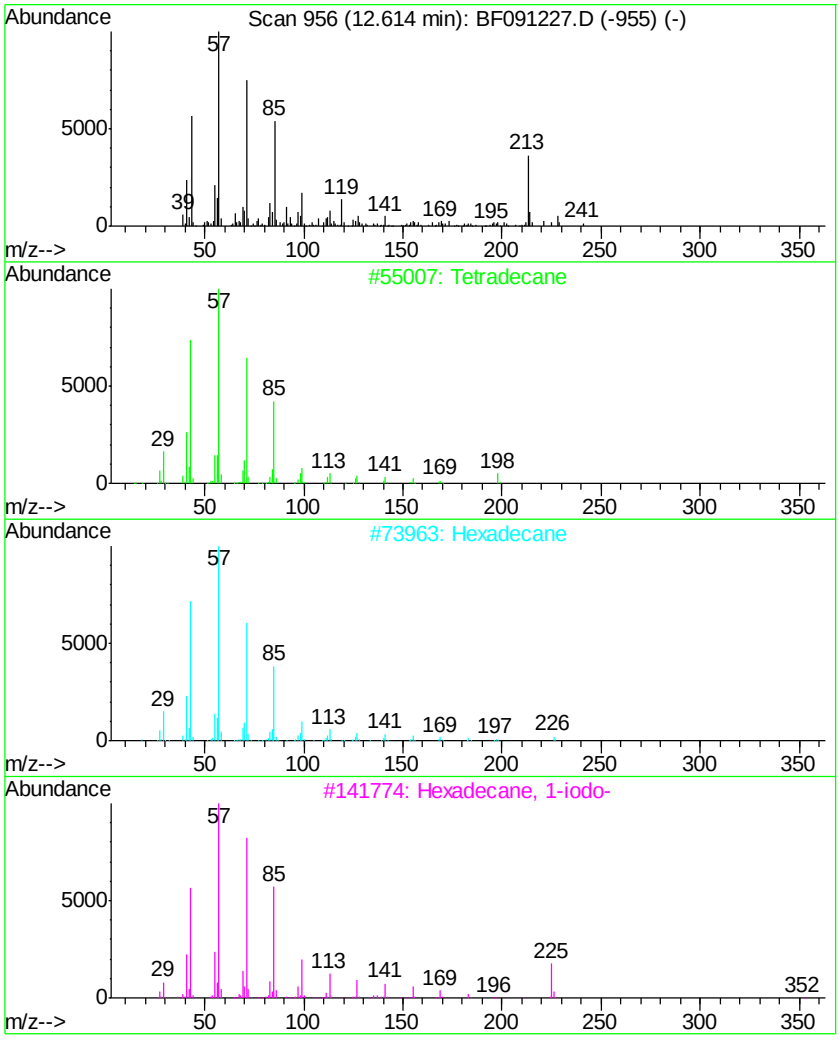
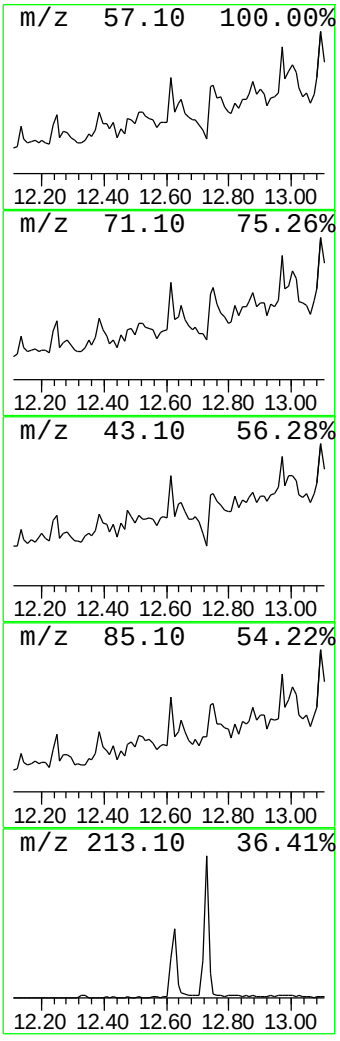
Peak Number 10 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.25 ng	169212	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	76
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	58





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Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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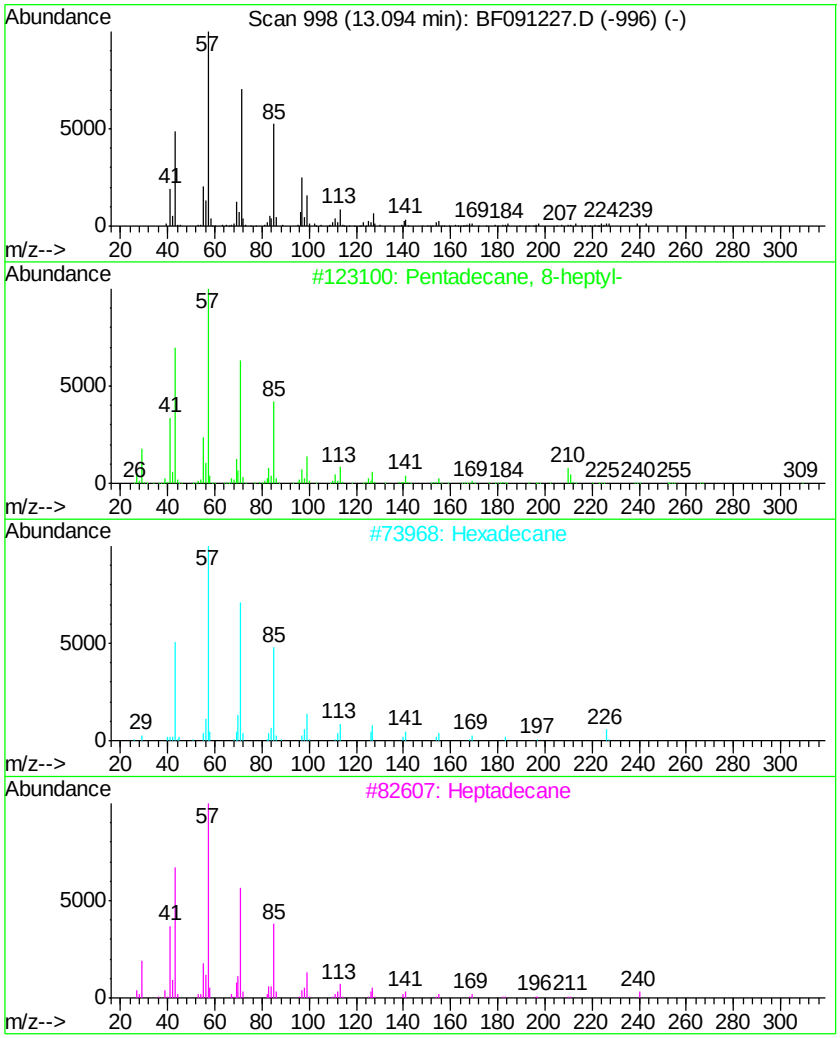
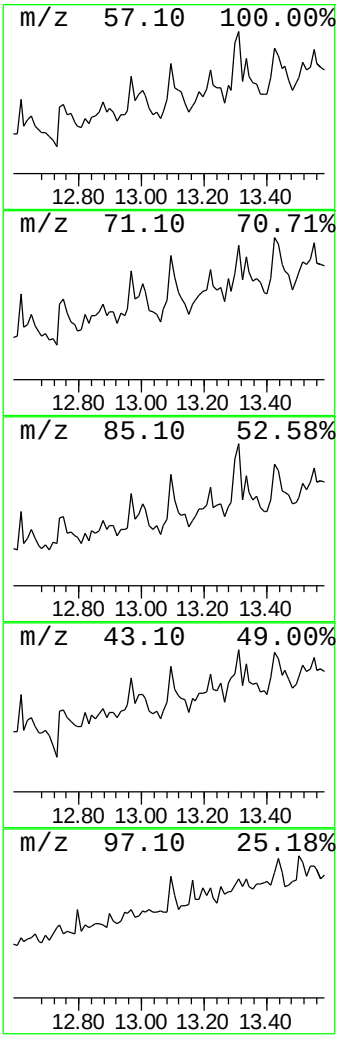
Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.13 ng	235584	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
2	Hexadecane	226	C16H34	000544-76-3	81
3	Heptadecane	240	C17H36	000629-78-7	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	1-Iodoundecane	282	C11H23I	004282-44-4	59





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Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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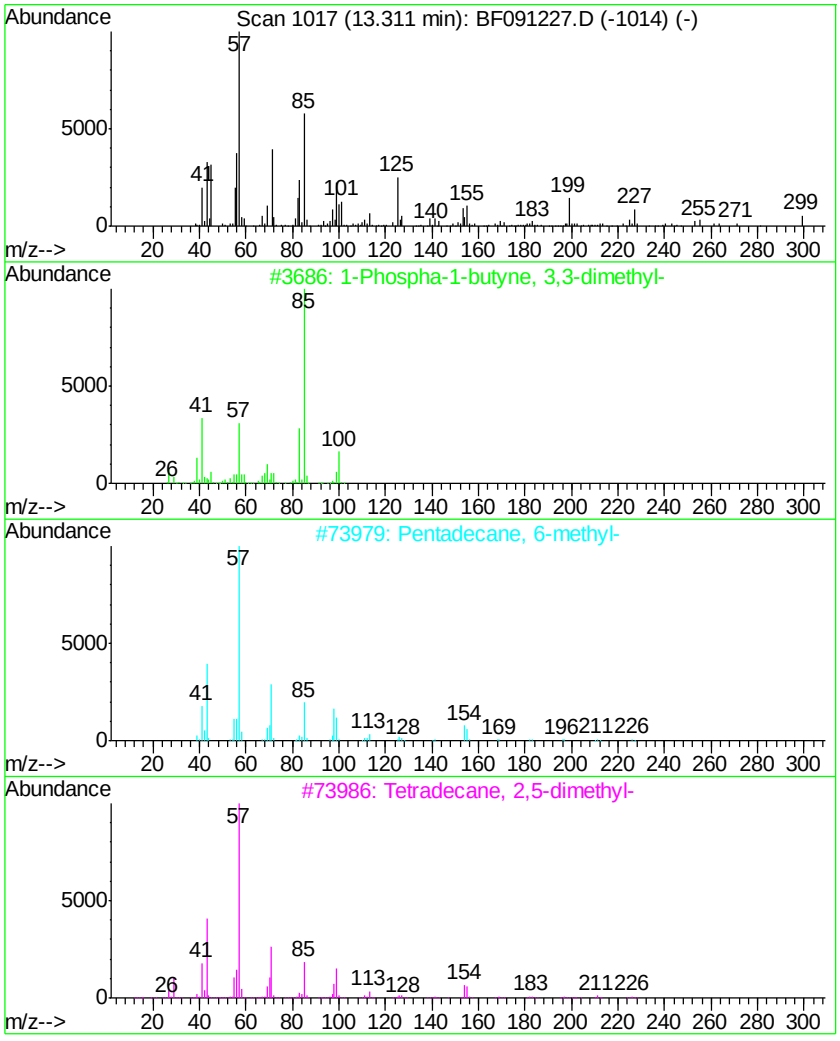
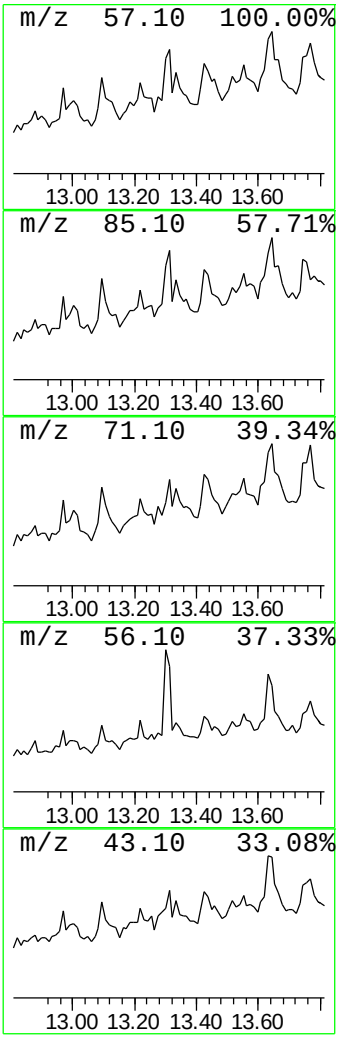
Peak Number 12 unknown13.31 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.43 ng	257944	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phospha-1-butyne, 3,3-dimethyl-	100	C5H9P	078129-68-7	38
2	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	38
3	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	35
4	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	30
5	10-Methylnonadecane	282	C20H42	056862-62-5	27





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Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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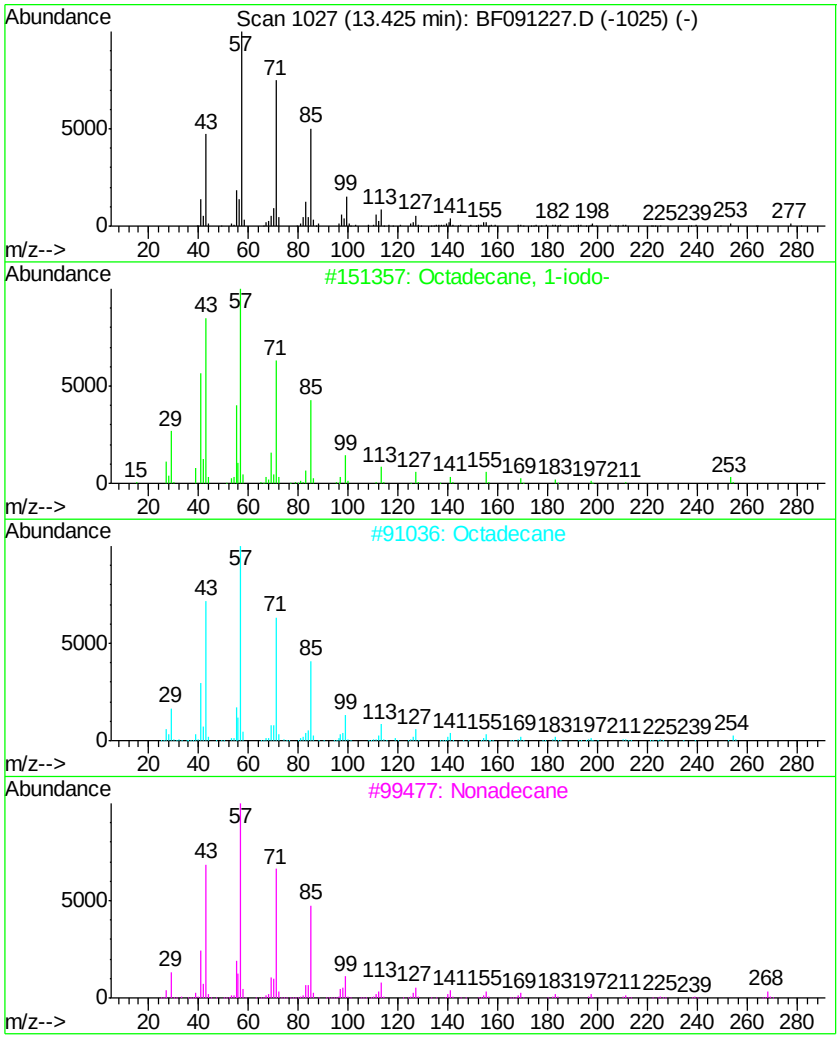
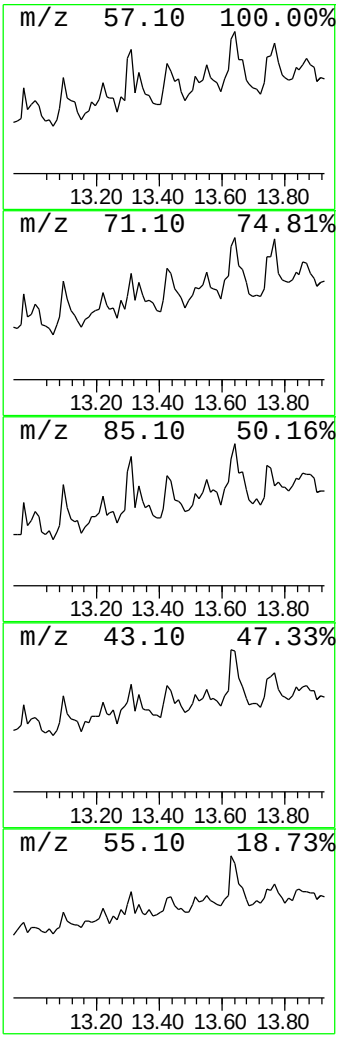
Peak Number 13 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.10 ng	232928	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
5	Octacosane	394	C28H58	000630-02-4	83





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Sample : H5681-03
Misc :
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Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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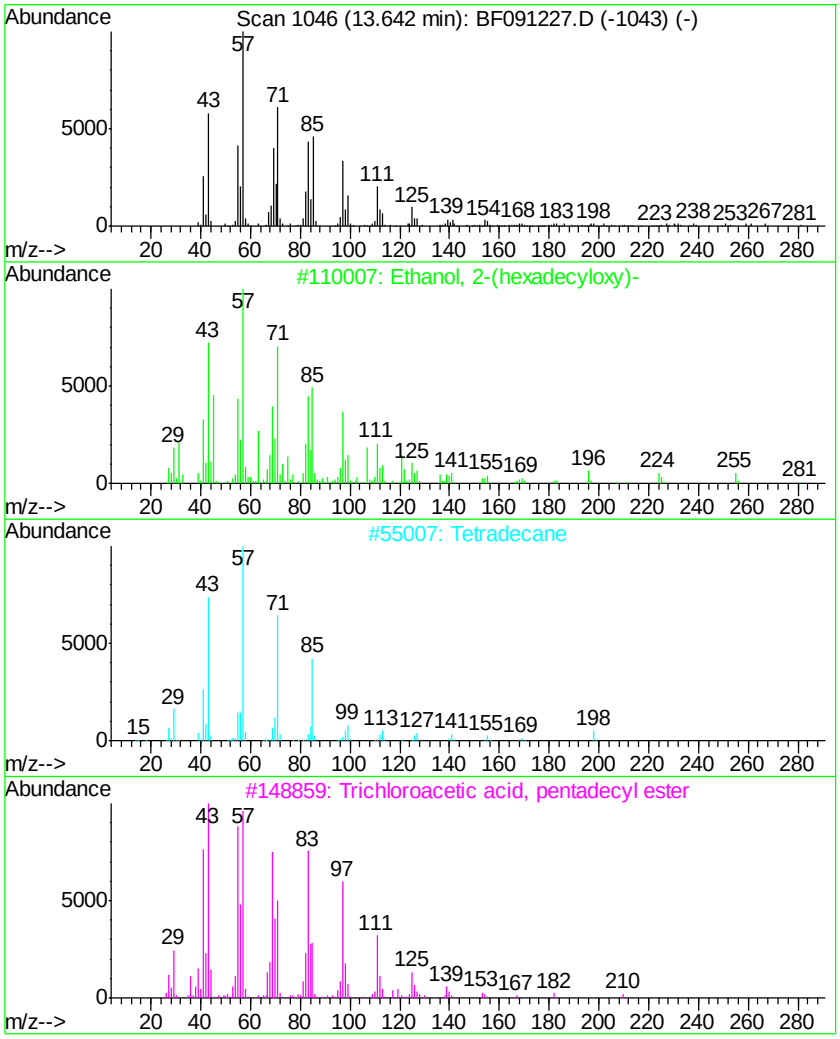
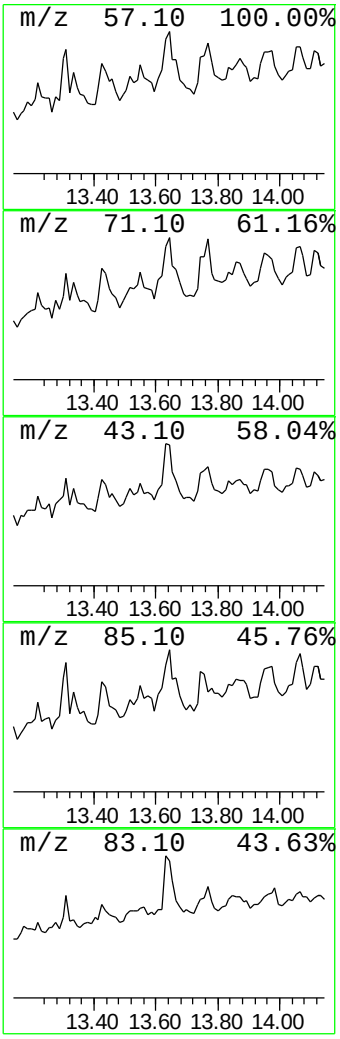
Peak Number 14 Ethanol, 2-(hexadecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	7.01 ng	527258	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	90
2	Tetradecane	198	C14H30	000629-59-4	89
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	58
4	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	58
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	58





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Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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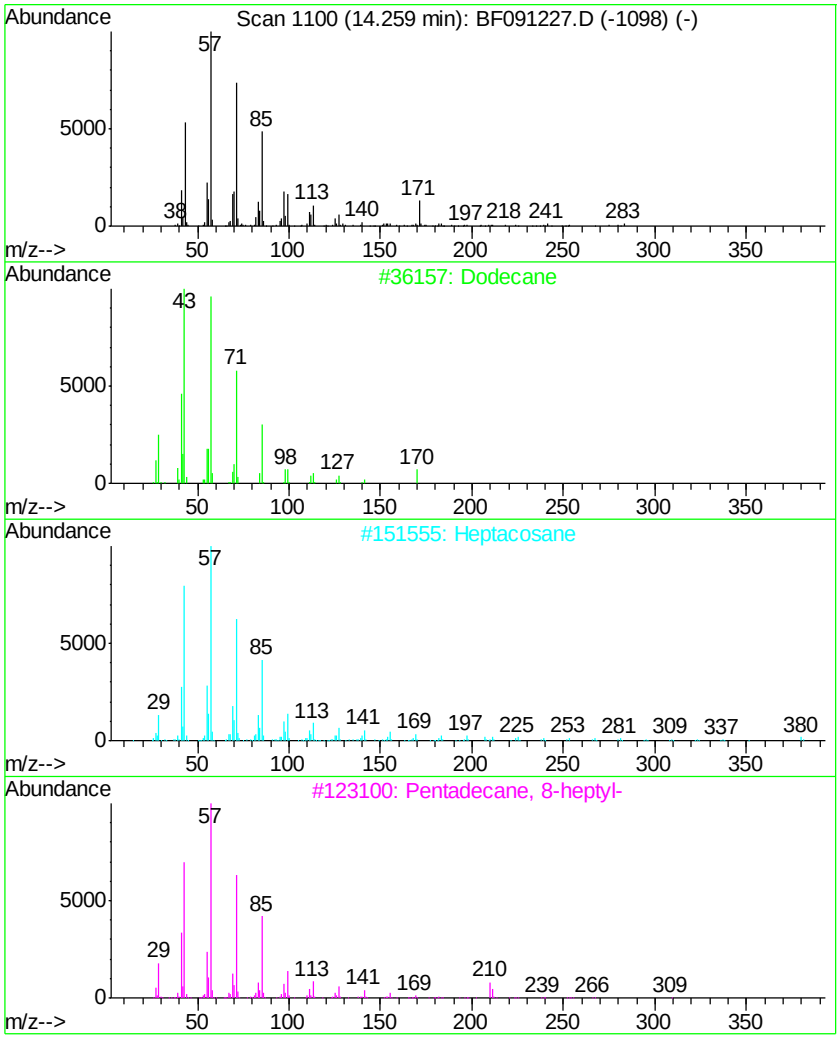
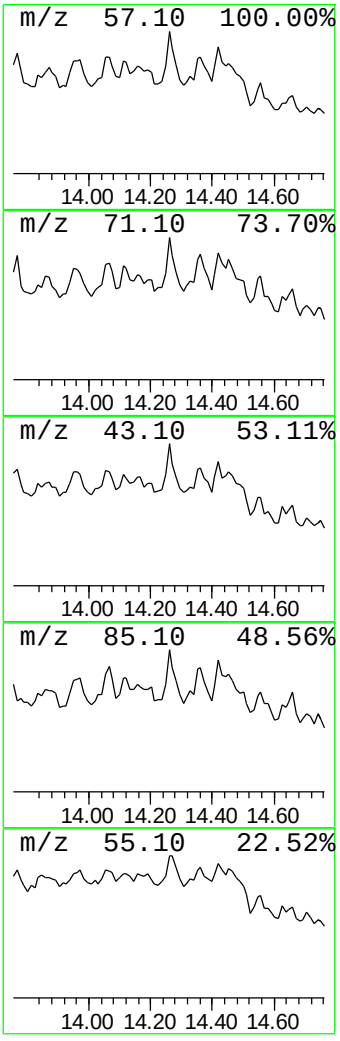
Peak Number 15 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.22 ng	392343	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Hentriacontane	437	C31H64	000630-04-6	86





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Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
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Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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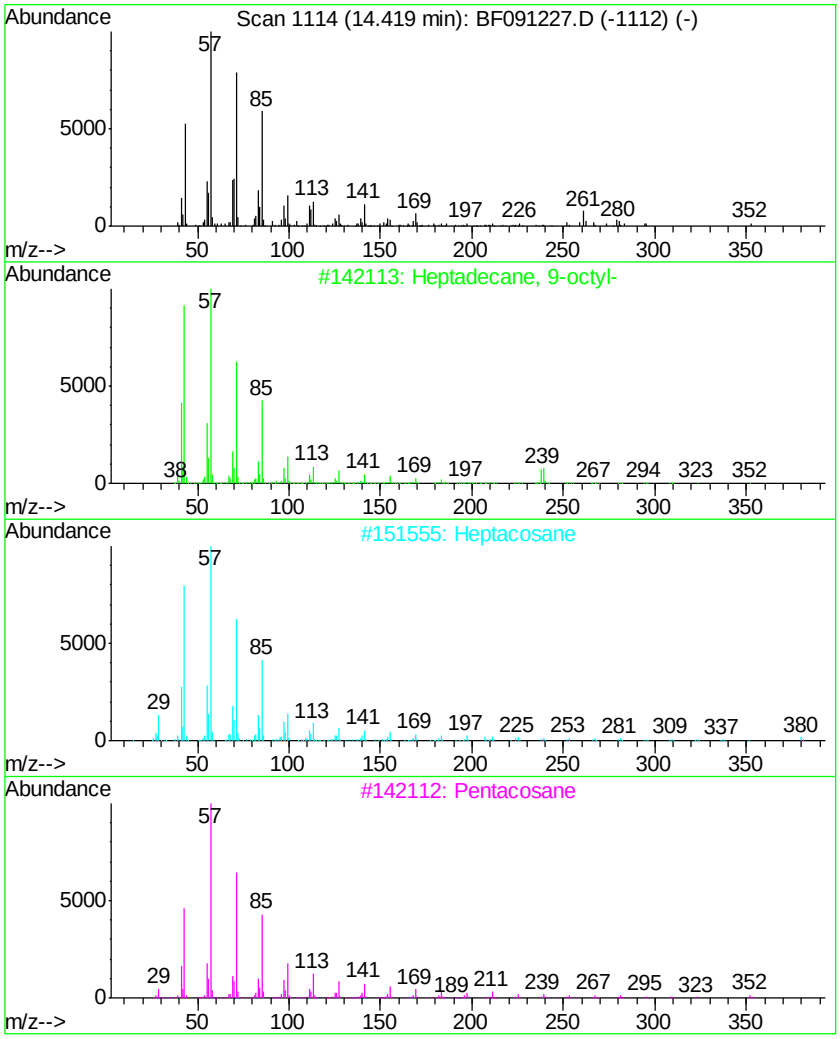
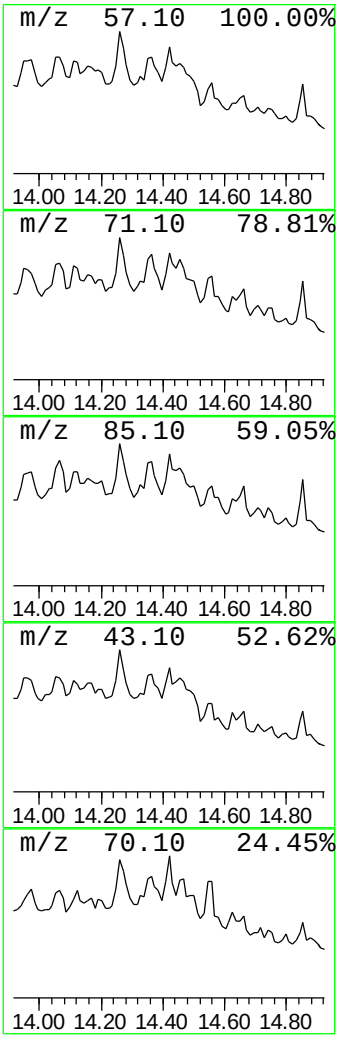
Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.18 ng	239020	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Pentacosane	352	C25H52	000629-99-2	89
4	Hexadecane	226	C16H34	000544-76-3	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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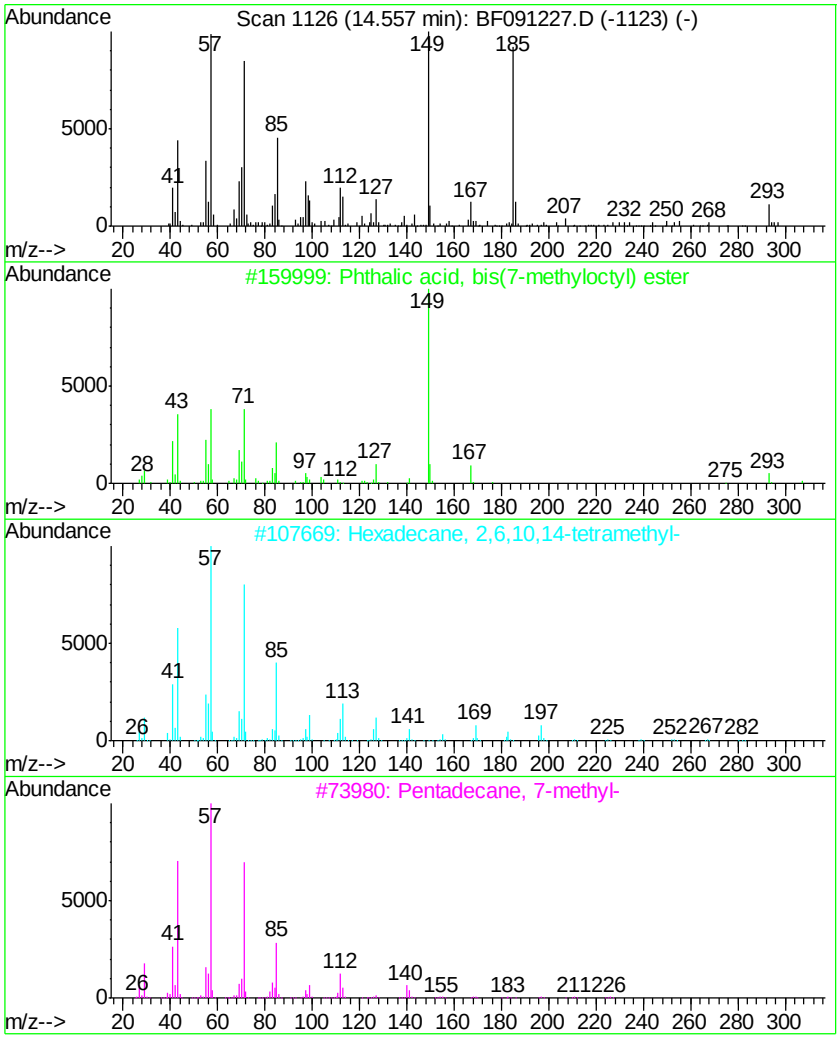
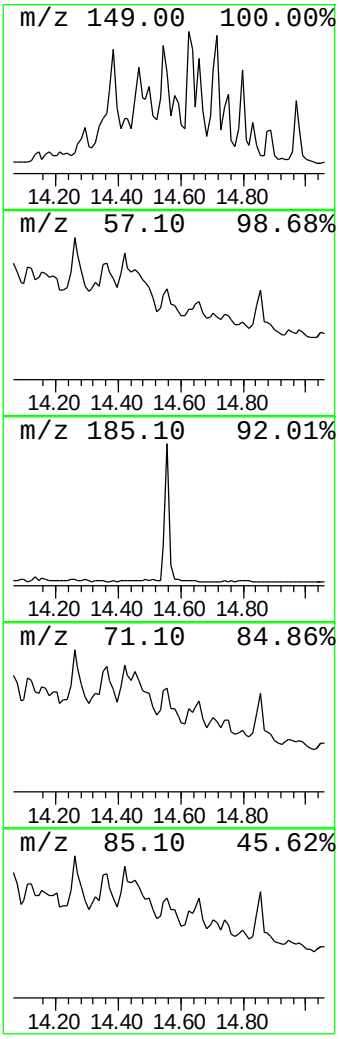
Peak Number 17 unknown14.56 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	5.29 ng	238921	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	35
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	30
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	27
4	Tridecane	184	C13H28	000629-50-5	25
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	25





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Acq On : 17 Nov 2016 22:05
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Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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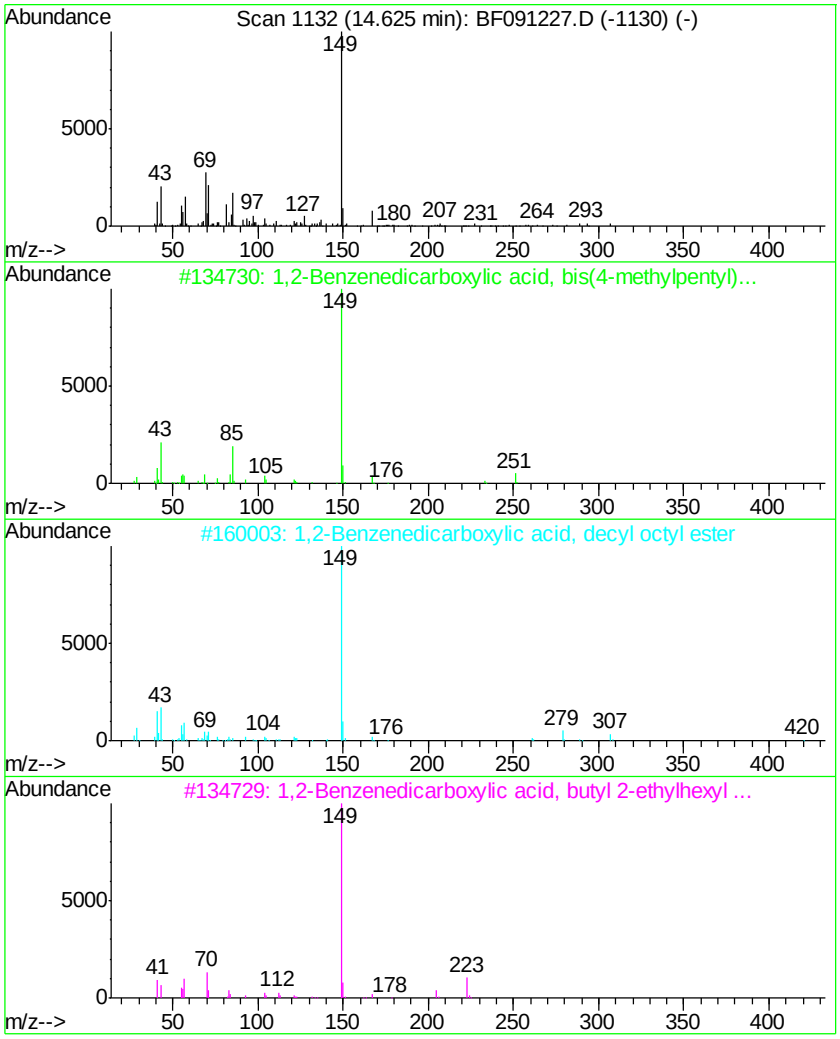
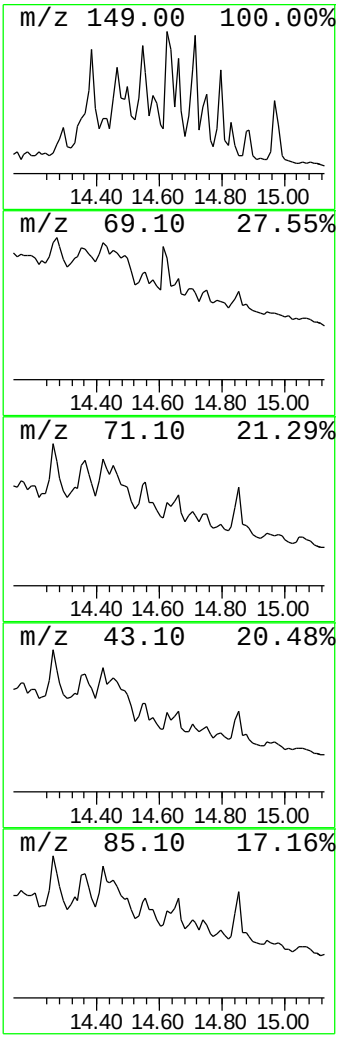
Peak Number 18 1,2-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.31 ng	149784	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	59
2	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	59
3	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	53
4	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	50
5	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	50





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Acq On : 17 Nov 2016 22:05
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Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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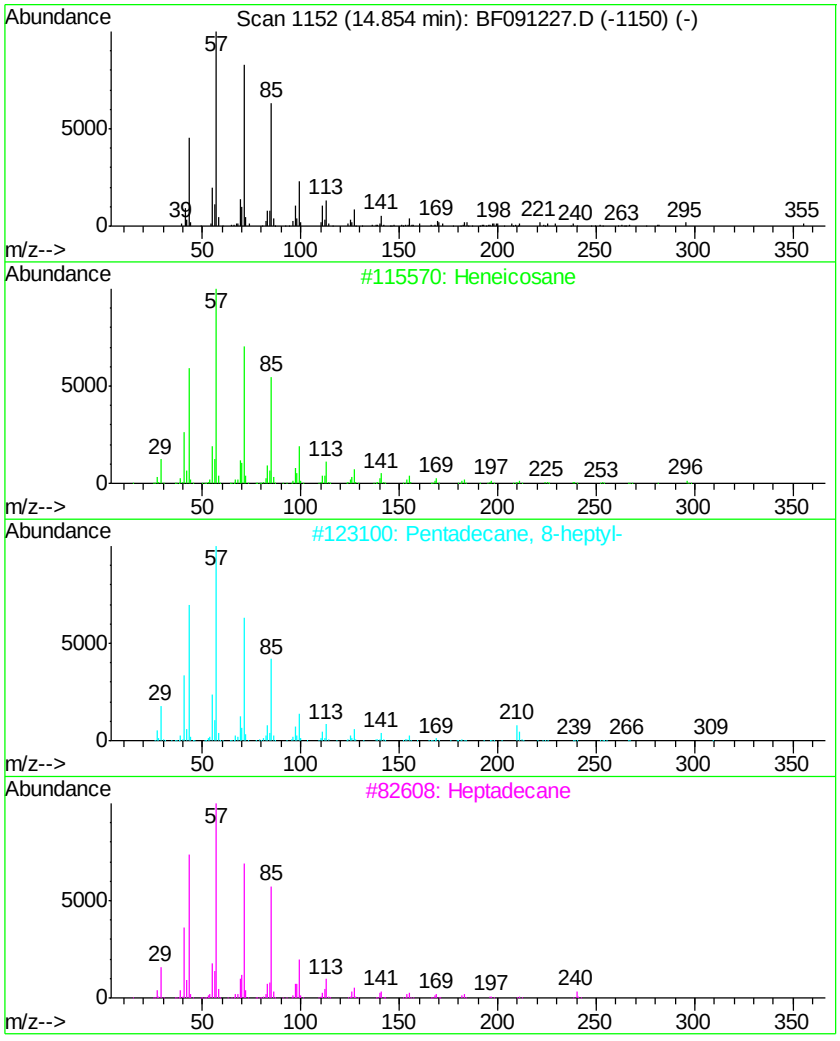
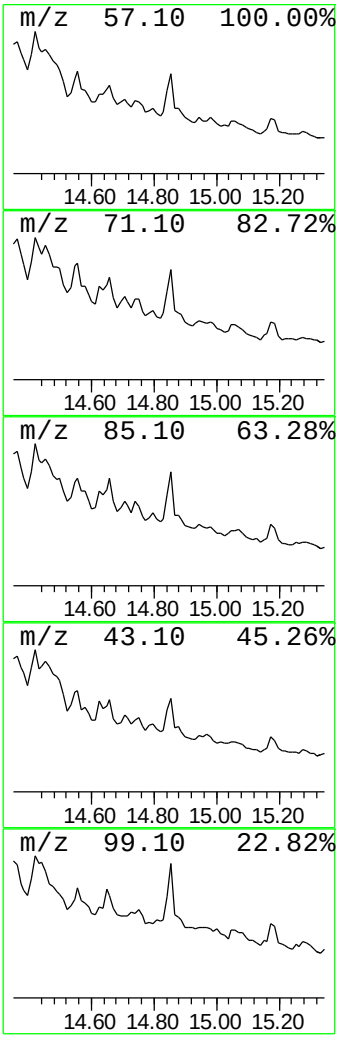
Peak Number 19 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.62 ng	118247	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Tentatively Identified Compound (LSC) summary

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Data File : BF091227.D
Acq On : 17 Nov 2016 22:05
Operator : UM/SJ
Sample : H5681-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-3W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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...	4.74	9.0	ng	513973	1	6.61	1142480	20.0
unknown6.38	6.38	64.2	ng	3668560	1	6.61	1142480	20.0
Hexanoic acid, 2-...	7.34	4.3	ng	297635	2	7.90	1384780	20.0
Triacetin	8.70	6.5	ng	452717	2	7.90	1384780	20.0
Hexadecane	10.58	2.7	ng	230984	4	11.14	1725380	20.0
3,6,9,12-Tetraoxa...	10.78	8.6	ng	737993	4	11.14	1725380	20.0
Dodecane, 2-methy...	11.02	2.7	ng	230400	4	11.14	1725380	20.0
Undecanoic acid	11.69	2.3	ng	194398	4	11.14	1725380	20.0
Tetradecane	12.61	2.3	ng	169212	5	13.77	1504310	20.0
Pentadecane, 8-he...	13.09	3.1	ng	235584	5	13.77	1504310	20.0
unknown13.31	13.31	3.4	ng	257944	5	13.77	1504310	20.0
Octadecane, 1-iodo-	13.43	3.1	ng	232928	5	13.77	1504310	20.0
Ethanol, 2-(hexad...	13.64	7.0	ng	527258	5	13.77	1504310	20.0
Dodecane	14.26	5.2	ng	392343	5	13.77	1504310	20.0
Heptadecane, 9-oc...	14.42	3.2	ng	239020	5	13.77	1504310	20.0
unknown14.56	14.56	5.3	ng	238921	6	15.14	903930	20.0
1,2-Benzenedicarb...	14.63	3.3	ng	149784	6	15.14	903930	20.0
Heneicosane	14.85	2.6	ng	118247	6	15.14	903930	20.0