LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085311.D
Acq On : 9 Mar 2016 21:06
Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

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-BF030316.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	4.504	192	194	196	rVB	122788	93652	1.64%	0.185%
2	5.167	249	252	255	rBV	220504	384366	6.73%	0.760%
3	5.556	283	286	288	rBV	3887358	4469899	78.29%	8.834%
4	5.602	288	290	294	rVB2	57730	110987	1.94%	0.219%
5	6.573	372	375	378	rVB	3344718	4616597	80.86%	9.124%
6	6.710	384	387	390	rVB	3421846	5084481	89.05%	10.049%
7	6.939	405	407	410	rVB	782511	1002104	17.55%	1.981%
8	7.099	419	421	424	rVB	3230673	3780069	66.21%	7.471%
9	7.327	439	441	444	rVB	56855	69803	1.22%	0.138%
10	7.510	453	457	459	rBV	3037083	3380311	59.20%	6.681%
11	7.590	461	464	467	rVB	92338	128549	2.25%	0.254%
12	7.865	486	488	491	rVB2	44106	59395	1.04%	0.117%
13	7.956	491	496	497	rBV	40517	80457	1.41%	0.159%
14	8.230	517	520	522	rBV	1540370	1448553	25.37%	2.863%
15	8.905	576	579	583	rVB2	55980	110438	1.93%	0.218%
16	9.305	611	614	617	rBV	4282343	5709564	100.00%	11.284%
17	9.453	622	627	629	rVB3	161686	282803	4.95%	0.559%
18	9.636	639	643	646	rBV2	25558	61178	1.07%	0.121%
19	9.705	646	649	650	rBV	866252	1062569	18.61%	2.100%
20	9.911	665	667	671	rBV	101220	139495	2.44%	0.276%
21	9.991	671	674	676	rVB	1460124	1573326	27.56%	3.110%
22	10.185	689	691	694	rVB2	123437	162790	2.85%	0.322%
23	10.391	708	709	710	rBV	62044	59744	1.05%	0.118%
24	10.413	710	711	713	rVB	202525	185350	3.25%	0.366%
25	10.642	728	731	734	rBV2	85456	144282	2.53%	0.285%
26	10.779	739	743	745	rBV	3311003	3464626	60.68%	6.848%
27	10.894	750	753	759	rVB	187113	292283	5.12%	0.578%
28	11.076	767	769	771	rBV2	45272	71893	1.26%	0.142%
29	11.339	789	792	793	rBV	153461	143315	2.51%	0.283%
30	11.374	793	795	798	rVB	41960	61686	1.08%	0.122%
31	11.476	801	804	805	rBV	1658595	1711959	29.98%	3.384%
32	11.499	805	806	807	rVV	86956	67009	1.17%	0.132%
33	11.522	807	808	812	rVB3	38307	72663	1.27%	0.144%
34	11.694	821	823	827	rBV2	82245	124575	2.18%	0.246%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : UST-SW-SW

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.762	827	829	831	rBV	90016	78177	1.37%	0.155%
36	12.002	848	850	852	rBV	156407	221064	3.87%	0.437%
37	12.174	862	865	867	rBV	61114	61363	1.07%	0.121%
38	12.254	870	872	875	rBV2	42705	85002	1.49%	0.168%
39	12.688	908	910	912	rBV	134108	165644	2.90%	0.327%
40	12.779	915	918	922	rVV2	133504	174738	3.06%	0.345%
41	12.917	925	930	932	rBV2	95883	173892	3.05%	0.344%
42	13.065	940	943	945	rBV	5351299	5598544	98.06%	11.065%
43	13.614	990	991	997	rVB4	37988	71425	1.25%	0.141%
44	13.945	1018	1020	1027	rBV	745310	996608	17.46%	1.970%
45	14.105	1032	1034	1037	rBV	988361	1415344	24.79%	2.797%
46	14.585	1073	1076	1083	rBV2	75291	149024	2.61%	0.295%
47	15.145	1123	1125	1130	rBV	47840	98858	1.73%	0.195%
48	15.500	1154	1156	1159	rBV2	25136	58862	1.03%	0.116%
49	15.568	1159	1162	1165	rBV	570160	843727	14.78%	1.668%
50	16.094	1205	1208	1212	rBV	39136	88325	1.55%	0.175%
51	17.248	1303	1309	1315	rBV7	19291	105345	1.85%	0.208%

Sum of corrected areas: 50596713

LSC Report - Integrated Chromatogram

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Sample : H1724-04
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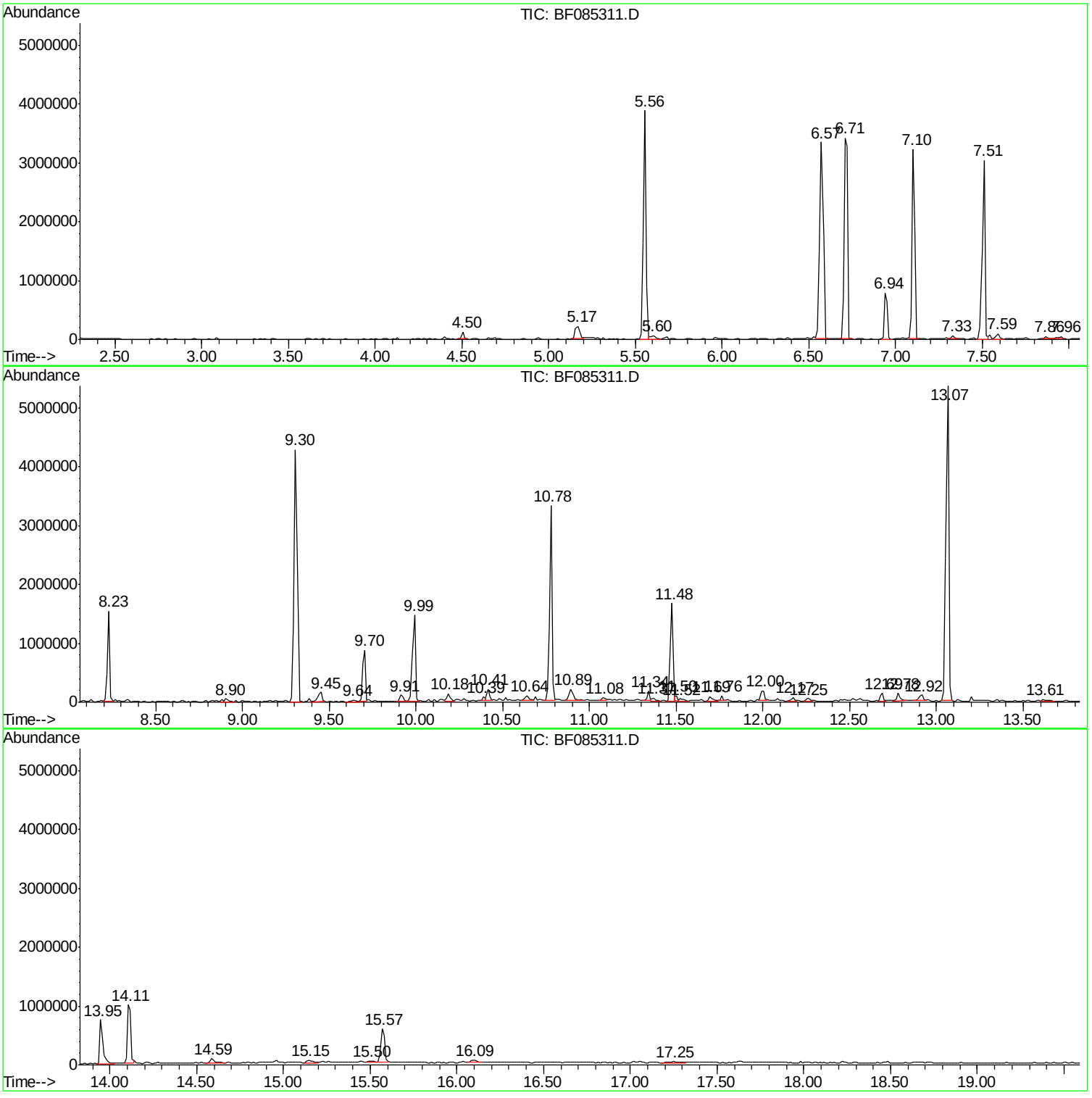
Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030916\
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Acq On : 9 Mar 2016 21:06
Operator : UM/SJ
Sample : H1724-04
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
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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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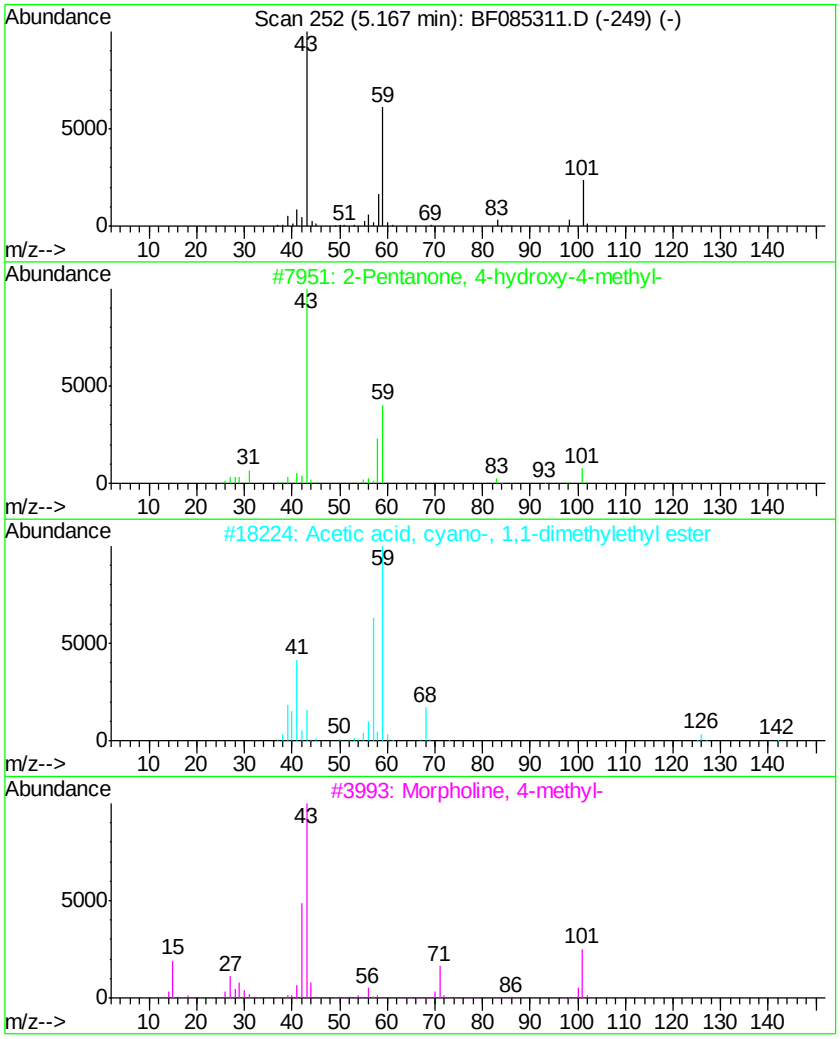
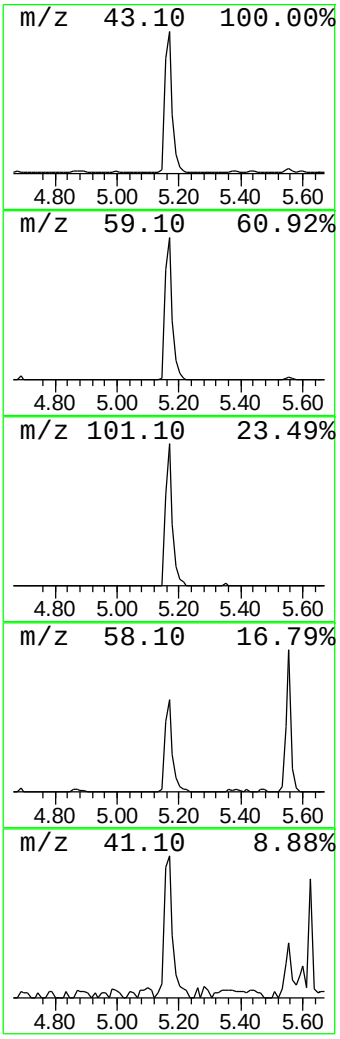
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	7.67 ng	384366	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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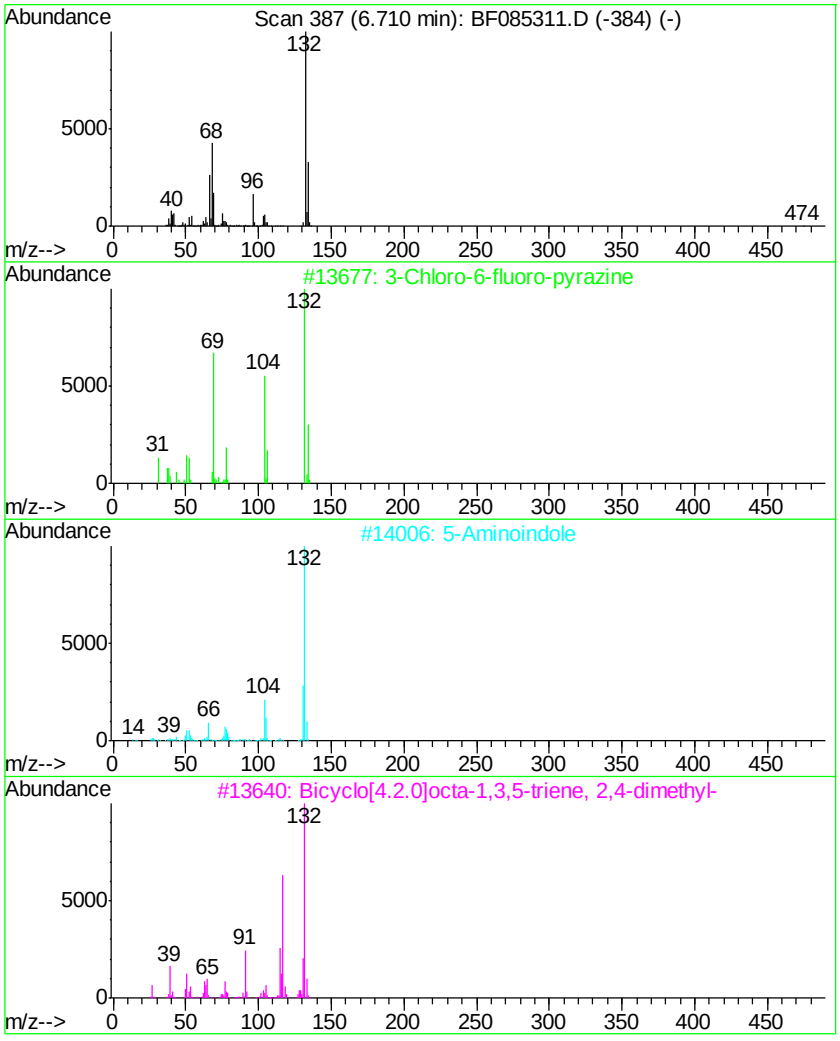
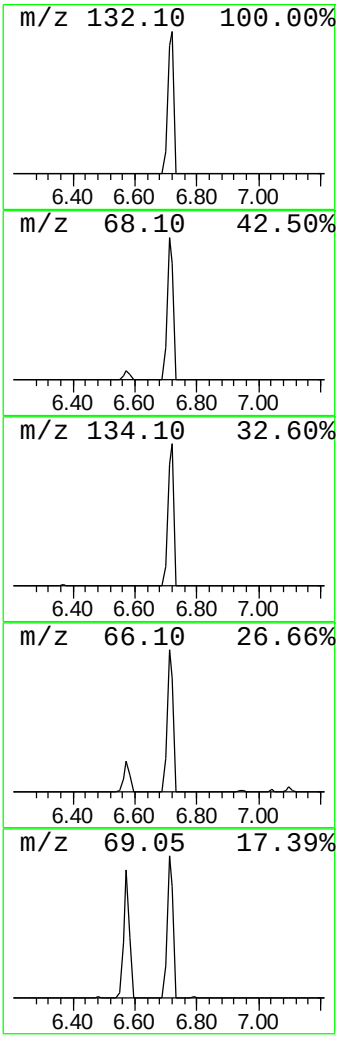
Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	101.48 ng	5084480	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF085311.D
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Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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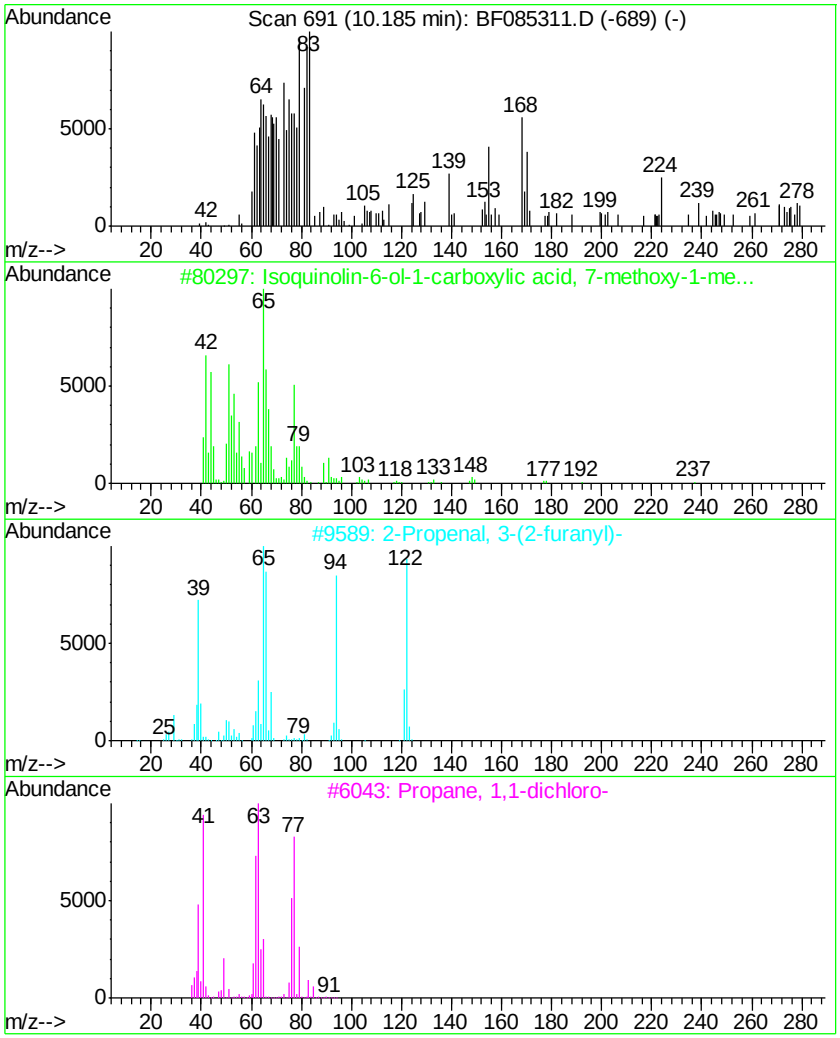
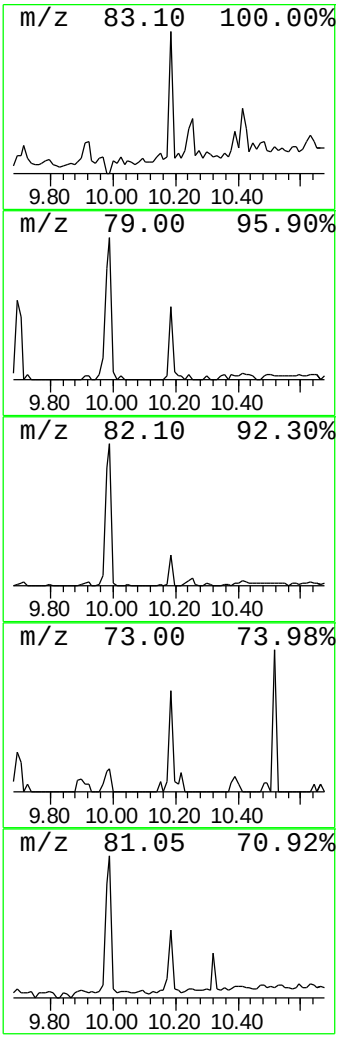
Peak Number 5 unknown10.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.07 ng	162790	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinolin-6-ol-1-carboxylic ac...	237	C12H15NO4	1000127-81-3	25
2	2-Propenal, 3-(2-furanyl)-	122	C7H6O2	000623-30-3	12
3	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	10
4	5-Bromo-2-hydroxy-3-nitrobenzald...	245	C7H4BrNO4	038225-99-9	10
5	N-(.alpha.-Methyl-4-nitrobenzyli...	299	C15H13N3O4	1000223-36-2	10





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Data File : BF085311.D
Acq On : 9 Mar 2016 21:06
Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
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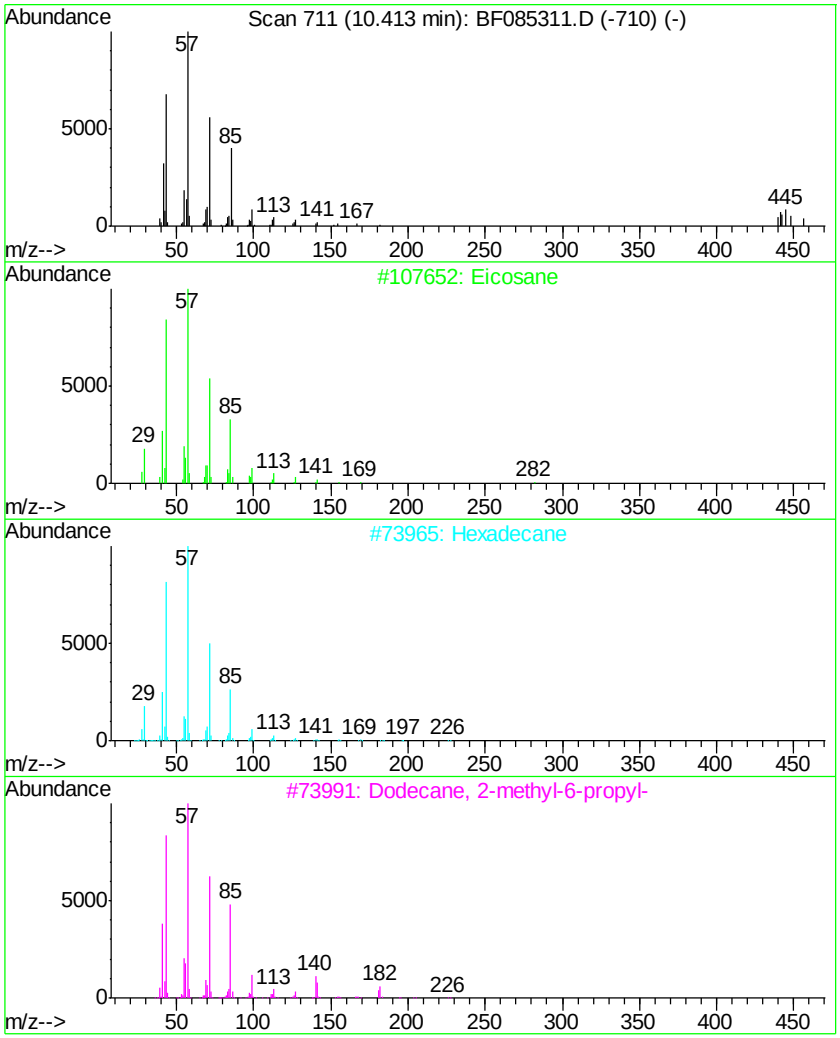
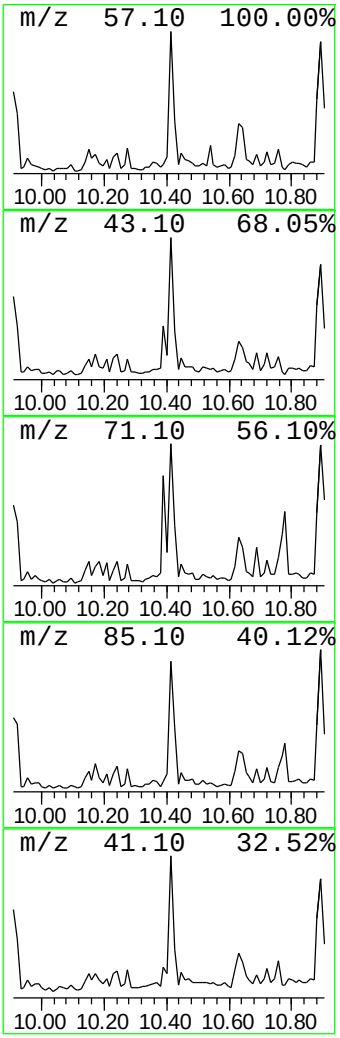
Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.36 ng	185350	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58





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Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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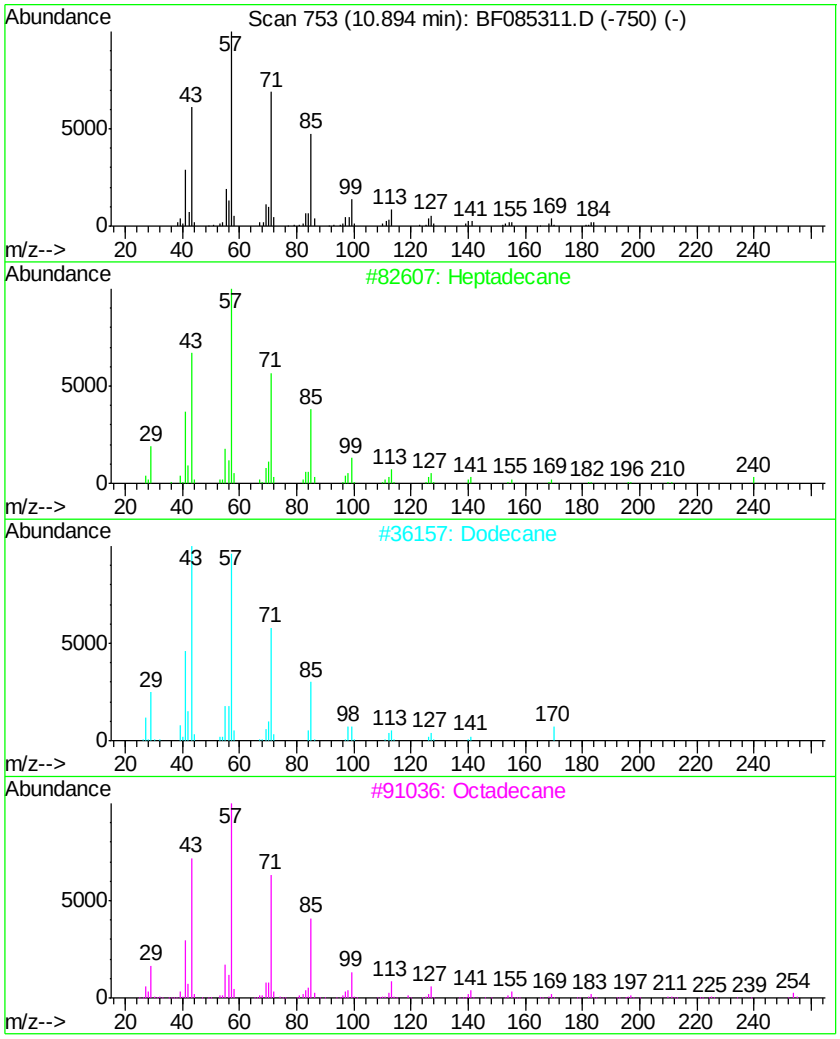
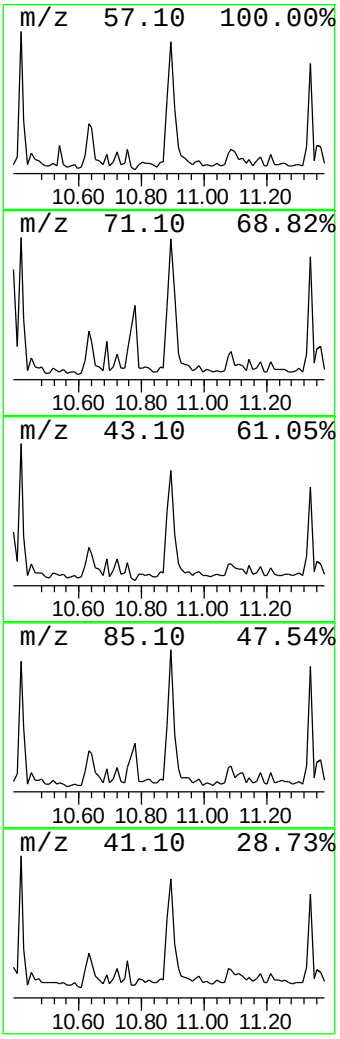
Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.41 ng	292283	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Dodecane	170	C12H26	000112-40-3	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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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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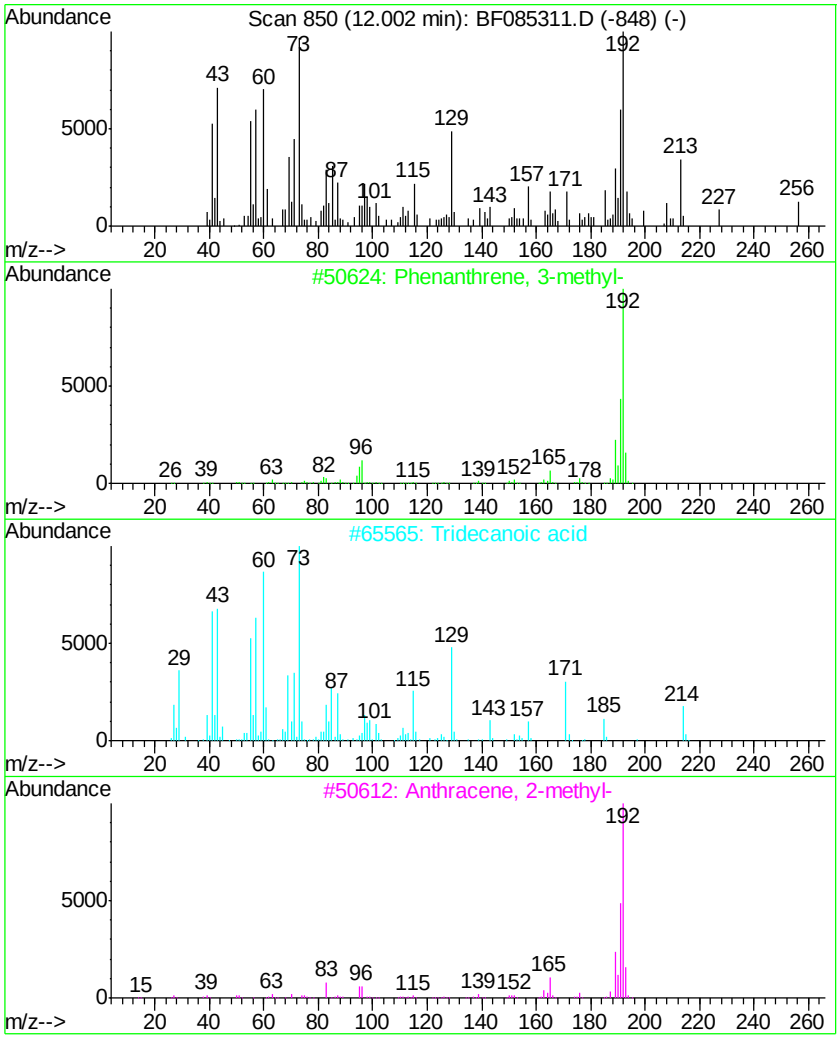
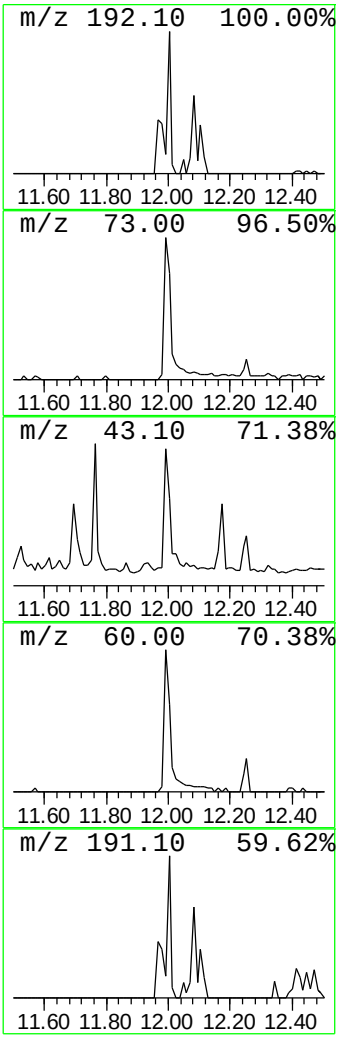
Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.58 ng	221064	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55





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

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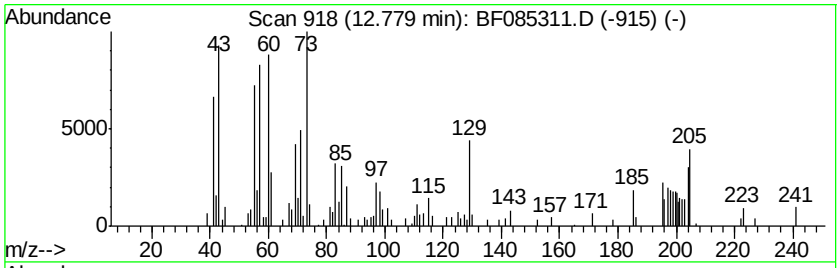
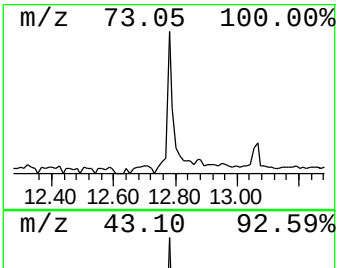
Peak Number 9 unknown12.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.04 ng	174738	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	42
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
3	Undecanoic acid	186	C11H22O2	000112-37-8	38
4	n-Decanoic acid	172	C10H20O2	000334-48-5	27
5	Tridecanoic acid	214	C13H26O2	000638-53-9	27





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Data File : BF085311.D
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Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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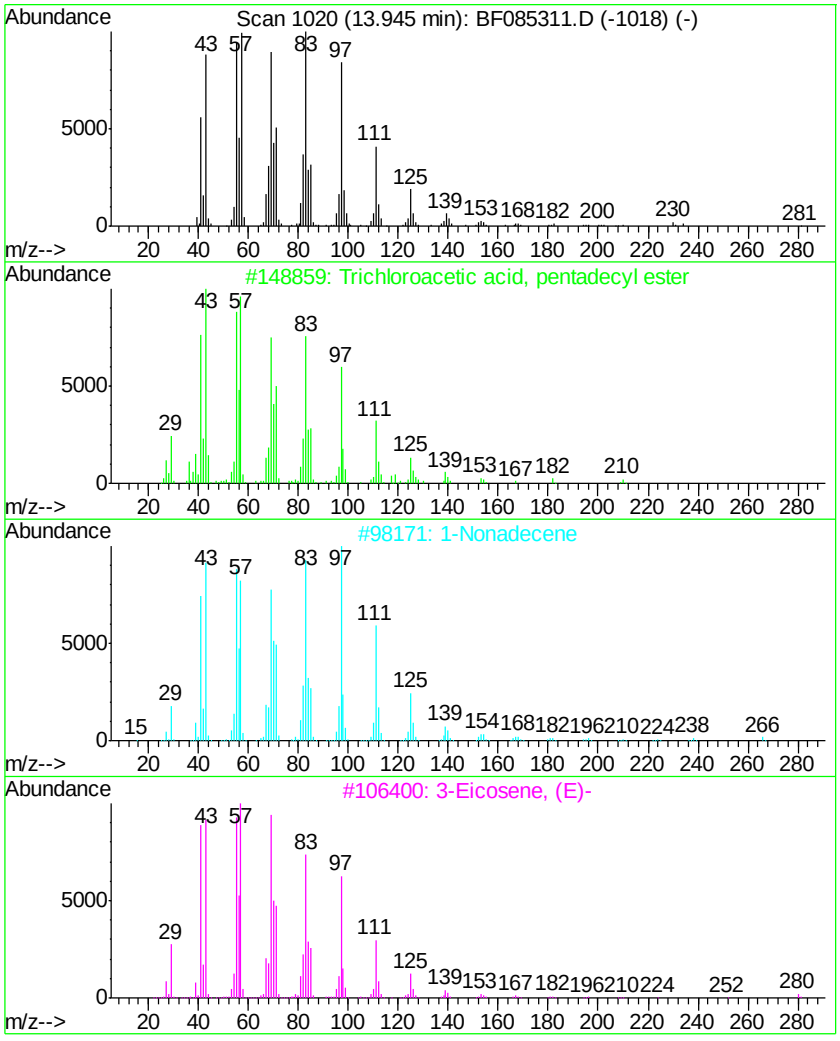
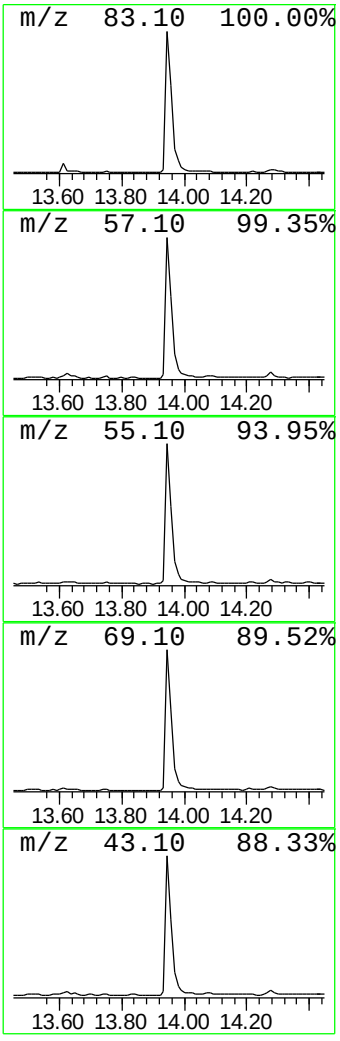
Peak Number 11 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	14.08 ng	996608	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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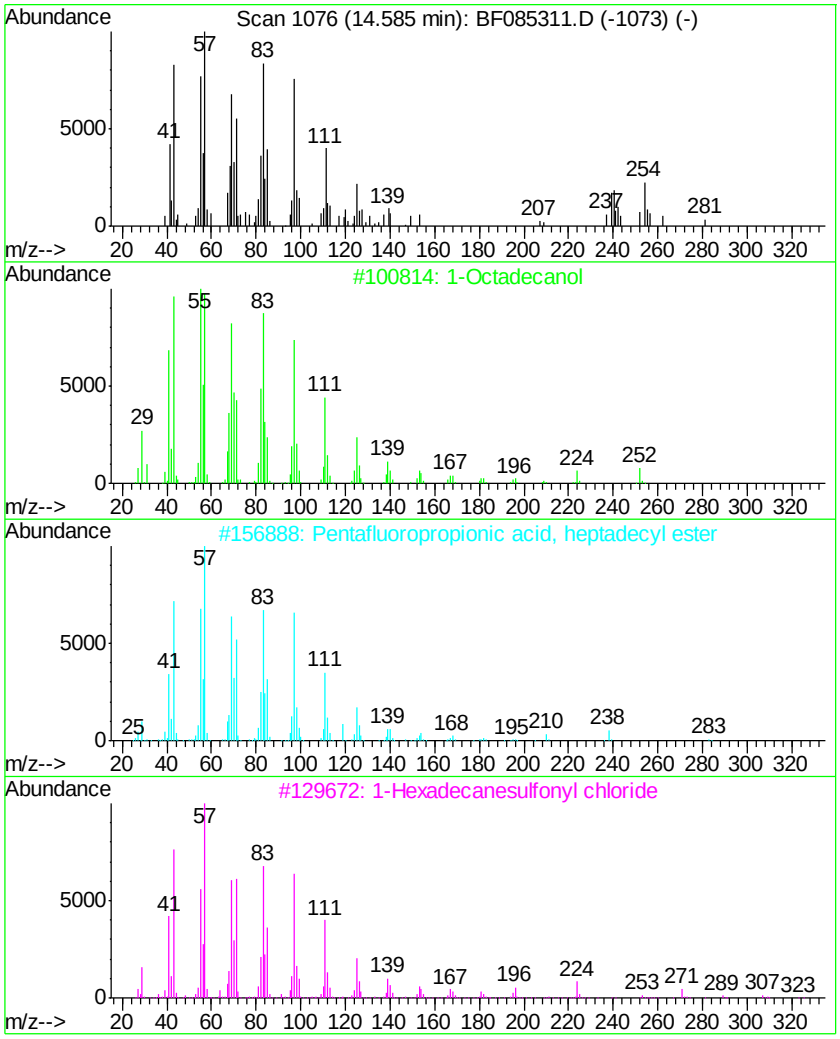
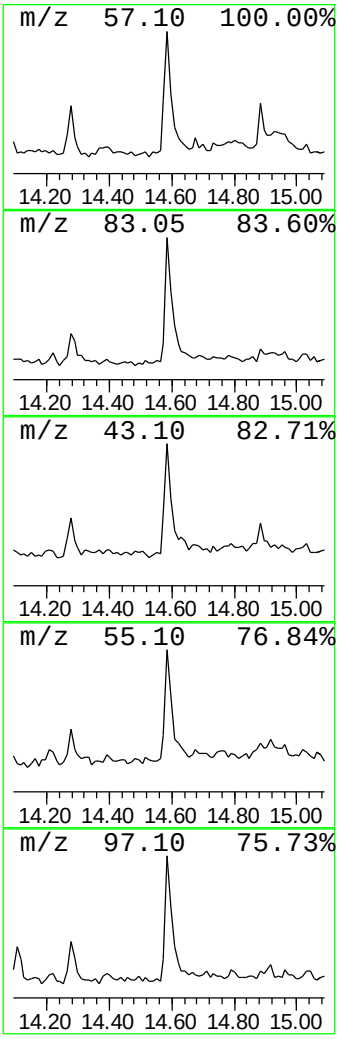
Peak Number 12 1-Octadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.11 ng	149024	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
4	1-Octadecene	252	C18H36	000112-88-9	87
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085311.D
Acq On : 9 Mar 2016 21:06
Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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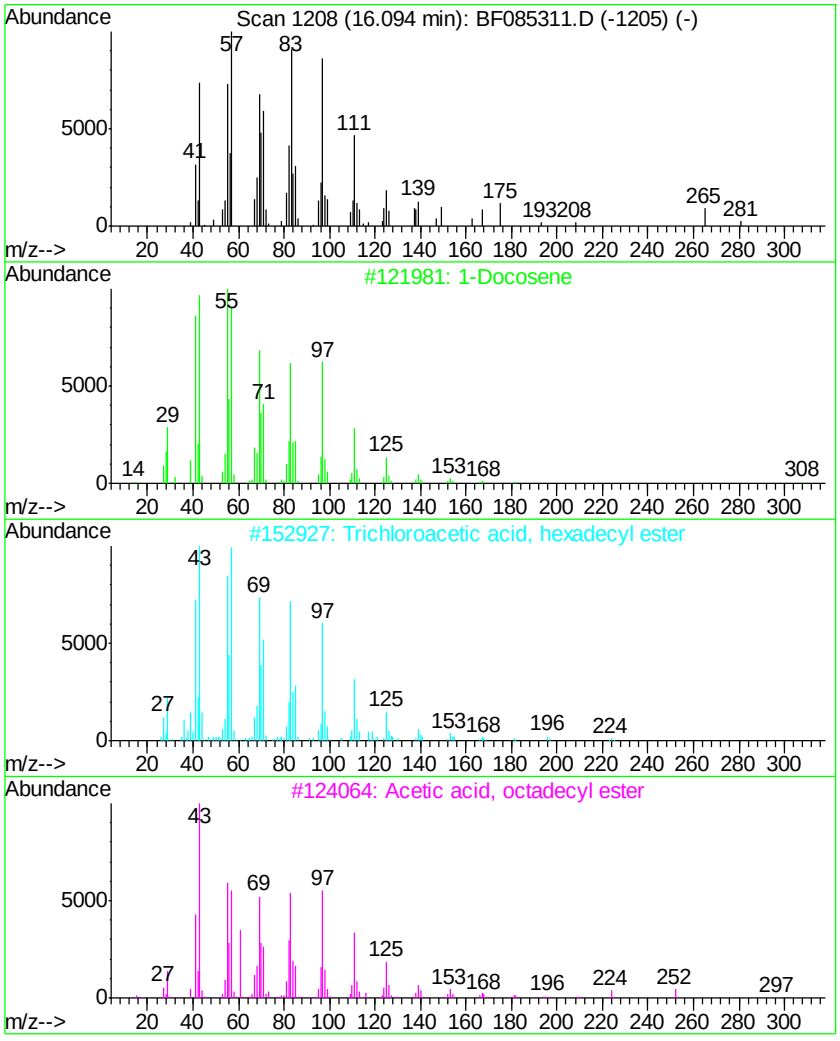
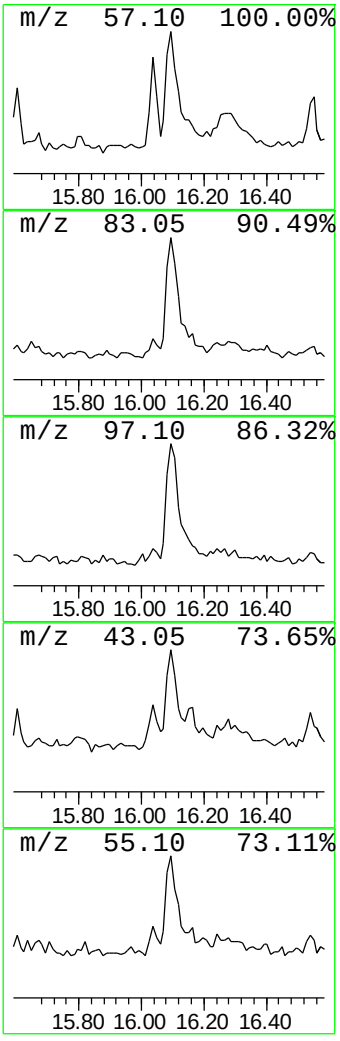
Peak Number 14 1-Docosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.09 ng	88325	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	86
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	83
5	1-Nonadecanol	284	C19H40O	001454-84-8	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085311.D
Acq On : 9 Mar 2016 21:06
Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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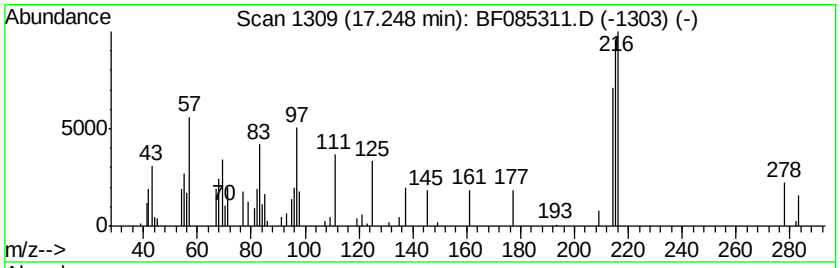
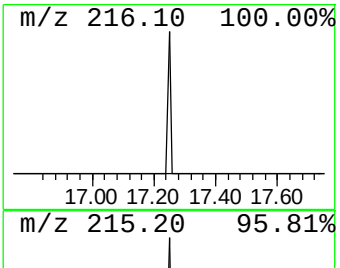
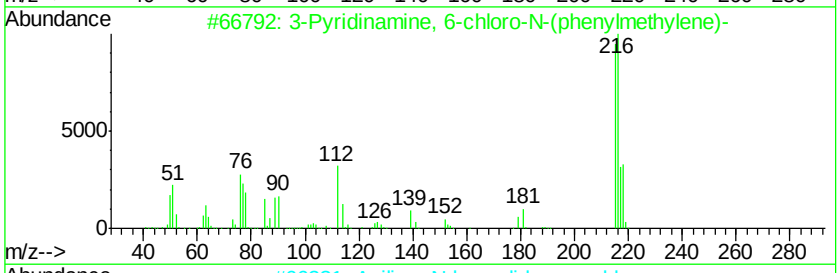
Peak Number 15 unknown17.25 Concentration Rank 8

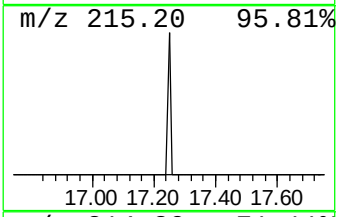
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	2.50 ng	105345	Perylene-d12	15.57

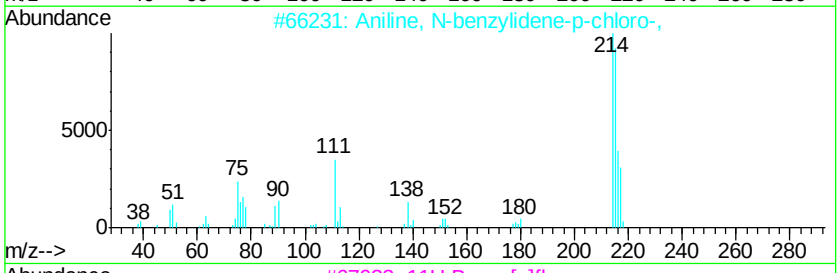
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinamine, 6-chloro-N-(phen...	216	C12H9ClN2	005325-71-3	27
2	Aniline, N-benzylidene-p-chloro-,	215	C13H10ClN	000780-21-2	16
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	16
4	Allopurirol, 7-bromo-	214	C5H3BrN4O	020419-67-4	14
5	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	14

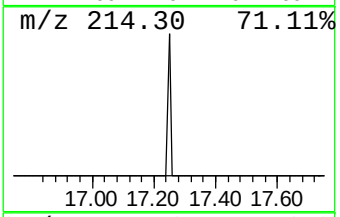


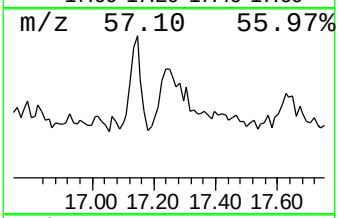


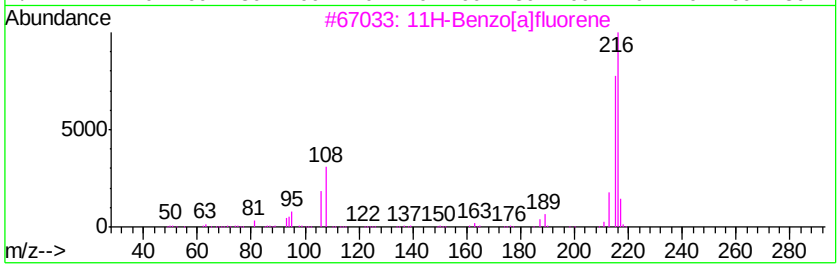


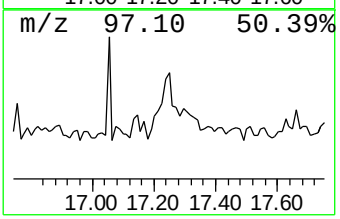












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085311.D
Acq On : 9 Mar 2016 21:06
Operator : UM/SJ
Sample : H1724-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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	7.7	ng	384366	1	6.95	1002100	20.0
unknown6.71	6.71	101.5	ng	5084480	1	6.95	1002100	20.0
unknown10.18	10.18	2.1	ng	162790	3	9.99	1573330	20.0
Eicosane	10.41	2.4	ng	185350	3	9.99	1573330	20.0
Heptadecane	10.89	3.4	ng	292283	4	11.48	1711960	20.0
Phenanthrene, 3-m...	12.00	2.6	ng	221064	4	11.48	1711960	20.0
unknown12.78	12.78	2.0	ng	174738	4	11.48	1711960	20.0
Trichloroacetic a...	13.95	14.1	ng	996608	5	14.12	1415340	20.0
1-Octadecanol	14.59	2.1	ng	149024	5	14.12	1415340	20.0
1-Docosene	16.09	2.1	ng	88325	6	15.57	843727	20.0
unknown17.25	17.25	2.5	ng	105345	6	15.57	843727	20.0