LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

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-BF123115.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	3.584	125	131	134	rBV	89729	160026	3.57%	0.331%
2	4.213	184	186	190	rBV	173413	217371	4.85%	0.449%
3	4.910	243	247	249	rBV	2149236	2942793	65.72%	6.078%
4	5.344	282	285	287	rBV	3639523	3400142	75.94%	7.023%
5	5.744	318	320	322	rBV	185025	153452	3.43%	0.317%
6	6.396	374	377	379	rVB	3649757	4453908	99.47%	9.199%
7	6.510	385	387	390	rBV	3822549	3799745	84.86%	7.848%
8	6.739	405	407	410	rBV	1114200	1187985	26.53%	2.454%
9	6.899	419	421	423	rBV	3416114	2896941	64.70%	5.984%
10	7.310	454	457	459	rBV	2757649	2579435	57.61%	5.328%
11	7.424	463	467	471	rBV	78824	114437	2.56%	0.236%
12	7.779	496	498	501	rBV	43541	52074	1.16%	0.108%
13	8.030	518	520	522	rBV	2002825	1698708	37.94%	3.509%
14	8.385	548	551	555	rBV	58096	72225	1.61%	0.149%
15	8.990	598	604	612	rVB2	33585	85205	1.90%	0.176%
16	9.105	612	614	617	rBV	3174866	4477635	100.00%	9.248%
17	9.253	624	627	630	rVB2	29238	45130	1.01%	0.093%
18	9.505	647	649	651	rBV	936912	1024962	22.89%	2.117%
19	9.722	664	668	671	rBV2	59130	101375	2.26%	0.209%
20	9.779	671	673	676	rVB	1477841	1813059	40.49%	3.745%
21	10.225	711	712	714	rVB	132965	103035	2.30%	0.213%
22	10.442	728	731	734	rBV	46156	74860	1.67%	0.155%
23	10.568	740	742	745	rBV2	2429861	2806431	62.68%	5.797%
24	10.693	752	753	757	rBV2	97666	185957	4.15%	0.384%
25	10.796	760	762	764	rBV2	69359	91006	2.03%	0.188%
26	10.831	764	765	768	rVB3	46161	66765	1.49%	0.138%
27	10.899	768	771	773	rBV2	30323	70214	1.57%	0.145%
28	11.151	789	793	794	rBV2	69627	102812	2.30%	0.212%
29	11.265	800	803	805	rBV	2185489	1859286	41.52%	3.840%
30	11.322	805	808	813	rVB2	29068	61393	1.37%	0.127%
31	11.573	828	830	833	rVB	46647	48489	1.08%	0.100%
32	11.813	849	851	856	rBV2	40532	102955	2.30%	0.213%
33	12.145	878	880	881	rBV2	57934	53736	1.20%	0.111%
34	12.248	887	889	892	rBV2	41684	64558	1.44%	0.133%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.305	892	894	895	rVV	84582	84900	1.90%	0.175%
36	12.339	895	897	901	rVB2	36411	75858	1.69%	0.157%
37	12.499	909	911	915	rVB	77549	100622	2.25%	0.208%
38	12.625	919	922	923	rBV	38214	62745	1.40%	0.130%
39	12.648	923	924	926	rVB	100532	82735	1.85%	0.171%
40	12.694	926	928	929	rBV2	33054	58304	1.30%	0.120%
41	12.854	939	942	944	rBV	4521764	4149831	92.68%	8.571%
42	12.945	949	950	953	rBV	36933	54961	1.23%	0.114%
43	13.002	953	955	956	rBV	122143	129586	2.89%	0.268%
44	13.036	956	958	960	rVB3	42349	61641	1.38%	0.127%
45	13.139	965	967	969	rVB2	48831	61302	1.37%	0.127%
46	13.219	972	974	976	rBV2	57415	93957	2.10%	0.194%
47	13.322	981	983	986	rVV	186112	287360	6.42%	0.594%
48	13.379	986	988	990	rVV	186052	220711	4.93%	0.456%
49	13.436	990	993	994	rVV2	54257	103822	2.32%	0.214%
50	13.471	994	996	997	rVV	148925	234097	5.23%	0.484%
51	13.505	997	999	1000	rVV	294244	307921	6.88%	0.636%
52	13.539	1000	1002	1005	rVB2	105938	188247	4.20%	0.389%
53	13.699	1014	1016	1018	rVB	142254	162630	3.63%	0.336%
54	13.757	1020	1021	1024	rVV	243708	437739	9.78%	0.904%
55	13.814	1024	1026	1028	rVV	298940	373178	8.33%	0.771%
56	13.859	1028	1030	1031	rVV	137047	153131	3.42%	0.316%
57	13.894	1031	1033	1035	rVV2	1317506	1535868	34.30%	3.172%
58	13.928	1035	1036	1039	rVB3	83296	106471	2.38%	0.220%
59	14.122	1049	1053	1054	rBV	116969	154681	3.45%	0.319%
60	14.157	1054	1056	1059	rVV2	59580	113882	2.54%	0.235%
61	14.248	1062	1064	1067	rVB2	59769	88697	1.98%	0.183%
62	14.339	1070	1072	1075	rVB3	33344	67398	1.51%	0.139%
63	14.419	1075	1079	1080	rBV	122261	199813	4.46%	0.413%
64	14.465	1082	1083	1086	rVV	53150	67073	1.50%	0.139%
65	14.568	1088	1092	1094	rVV2	133009	281104	6.28%	0.581%
66	14.614	1094	1096	1098	rVB	51750	73320	1.64%	0.151%
67	14.854	1115	1117	1120	rBV	60650	89934	2.01%	0.186%
68	15.288	1152	1155	1158	rBV	913059	1112758	24.85%	2.298%
69	15.802	1196	1200	1206	rVB5	17094	70439	1.57%	0.145%

Sum of corrected areas: 48414821

LSC Report - Integrated Chromatogram

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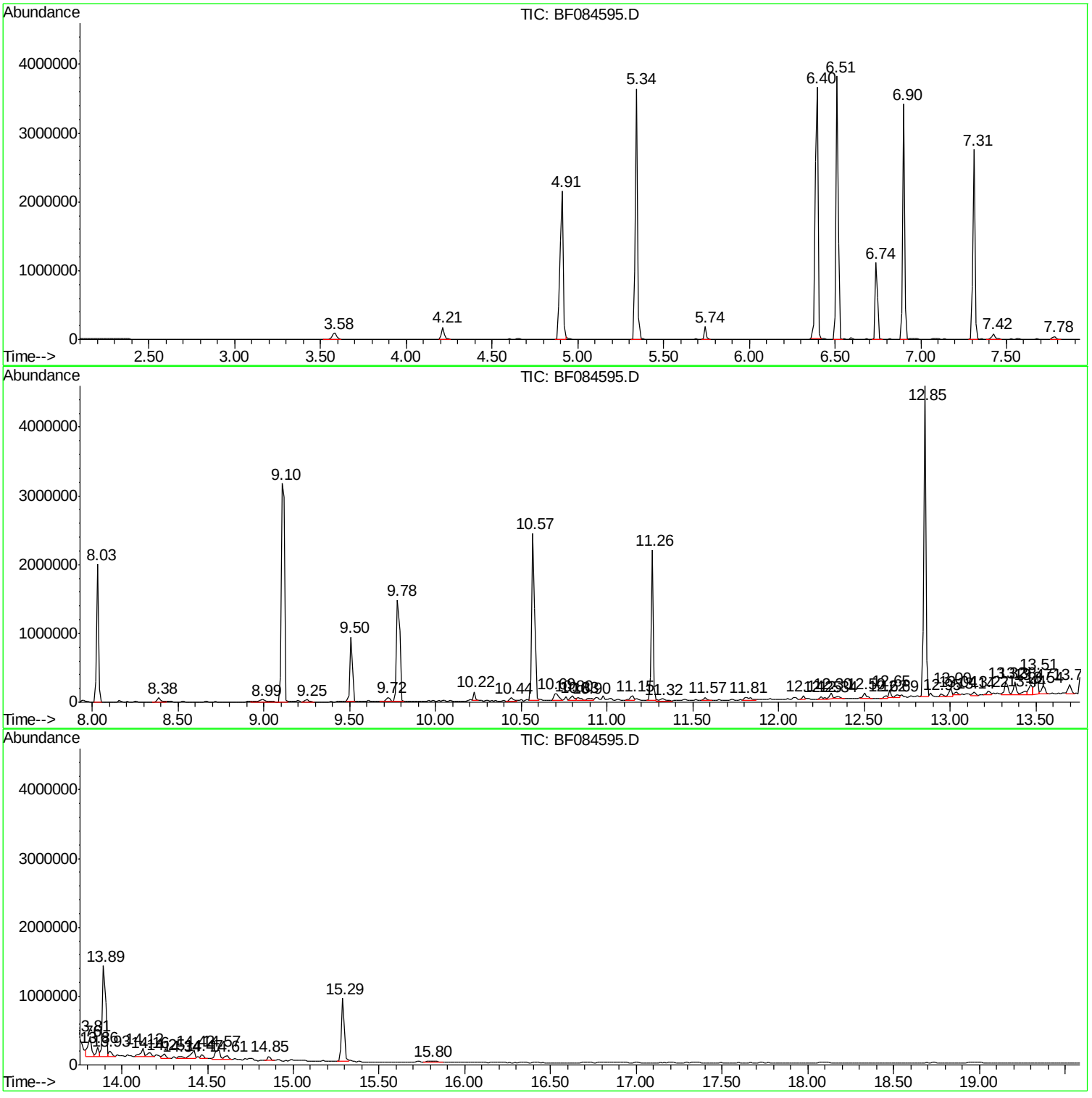
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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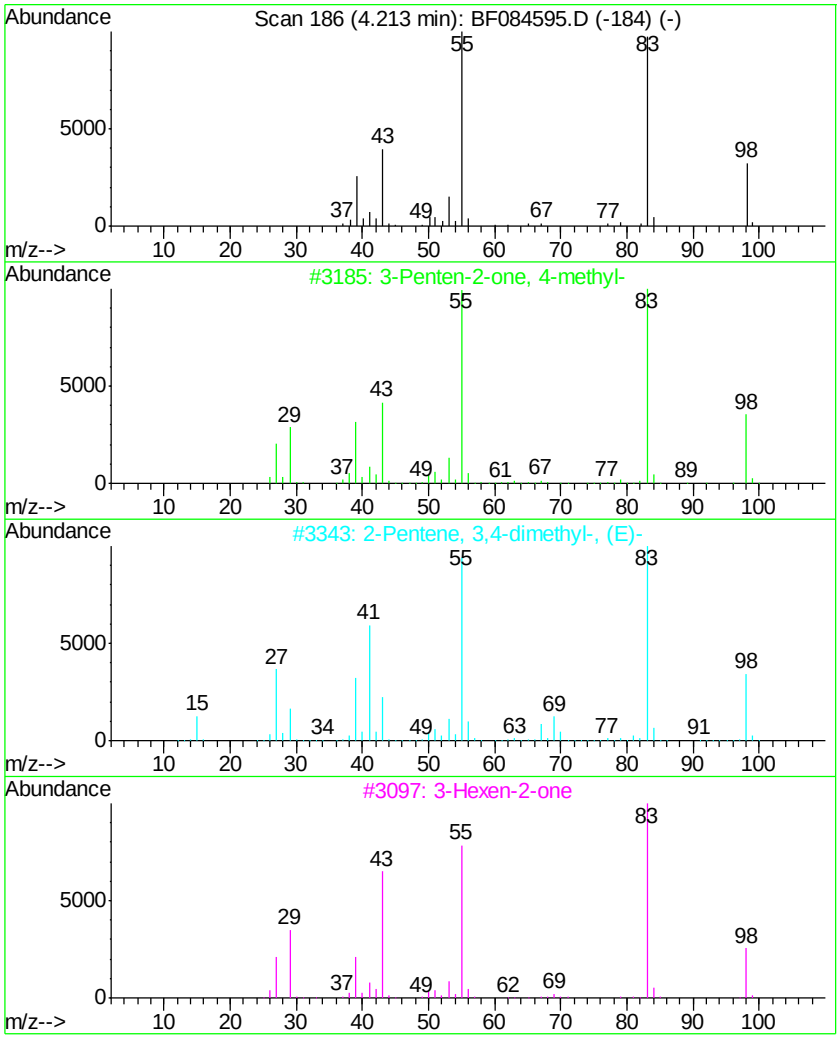
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

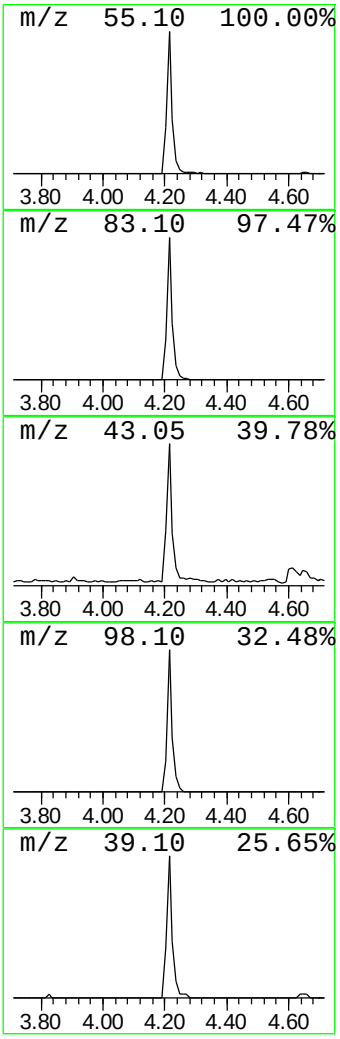
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	3.66 ng	217371	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
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Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

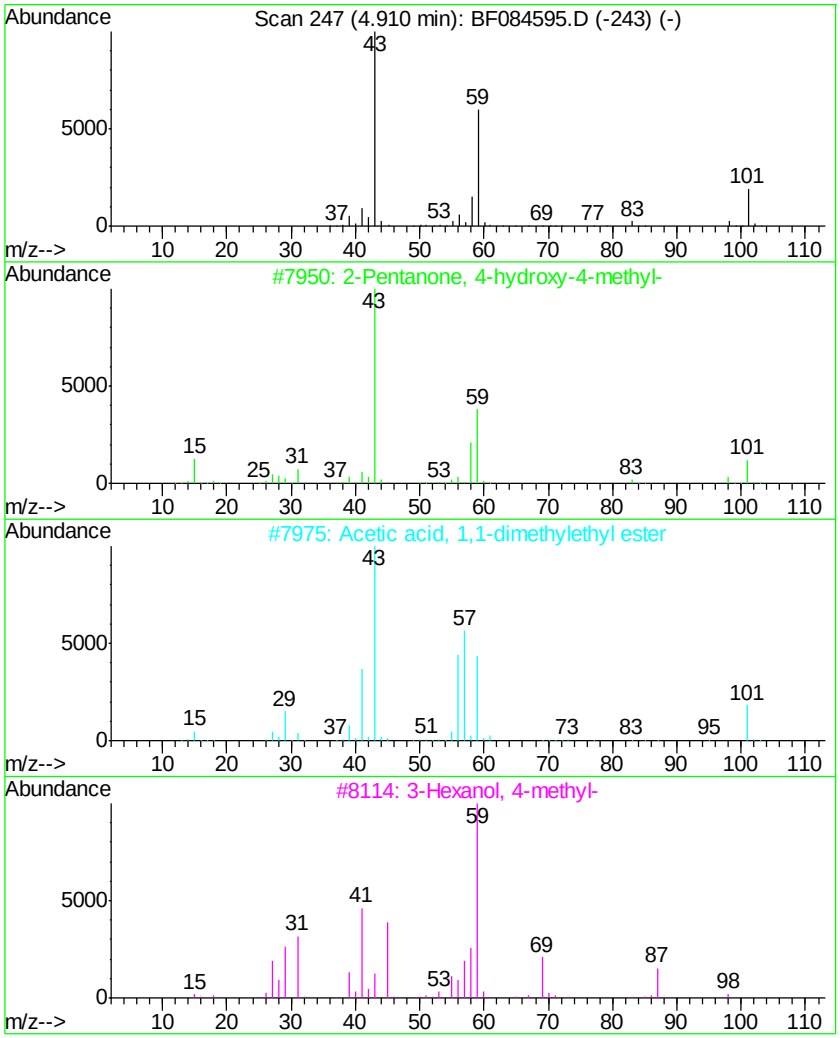
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

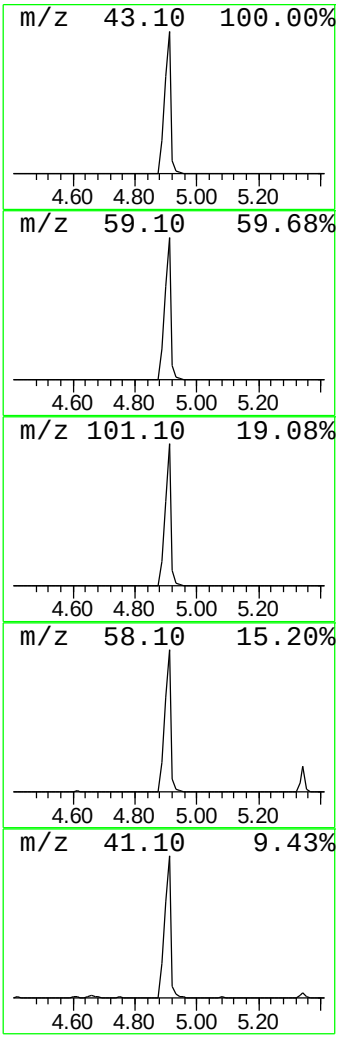
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	49.54 ng	2942790	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
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Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

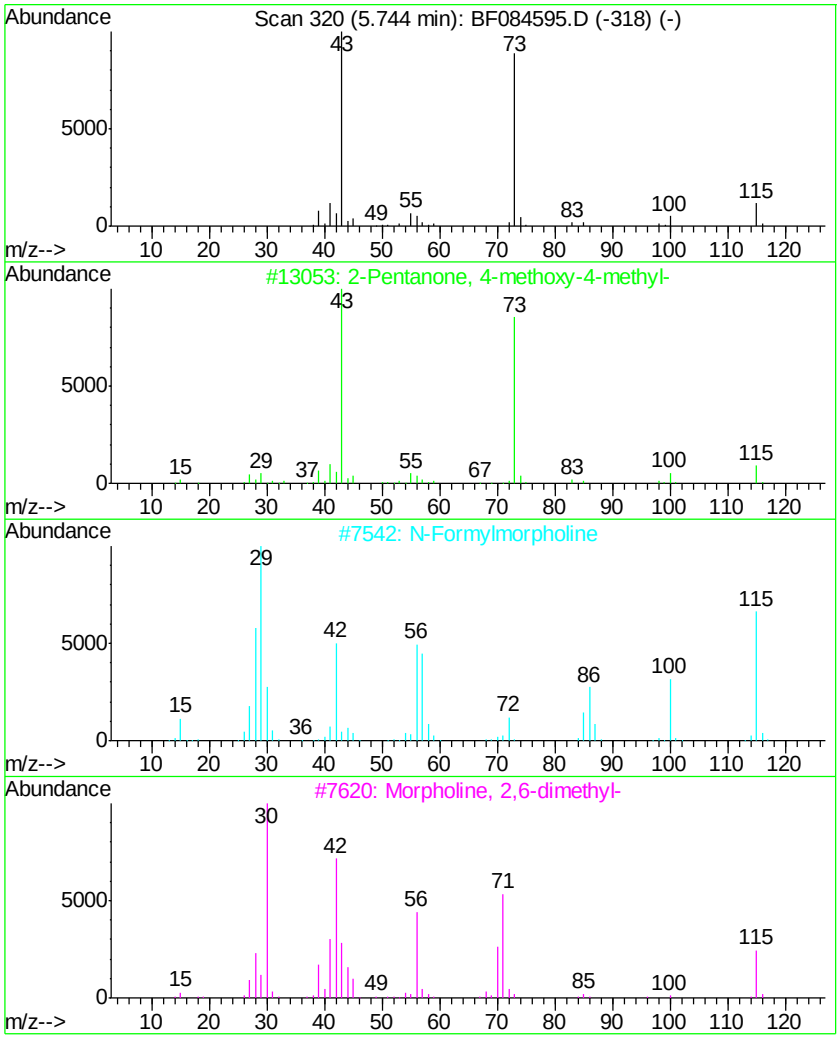
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

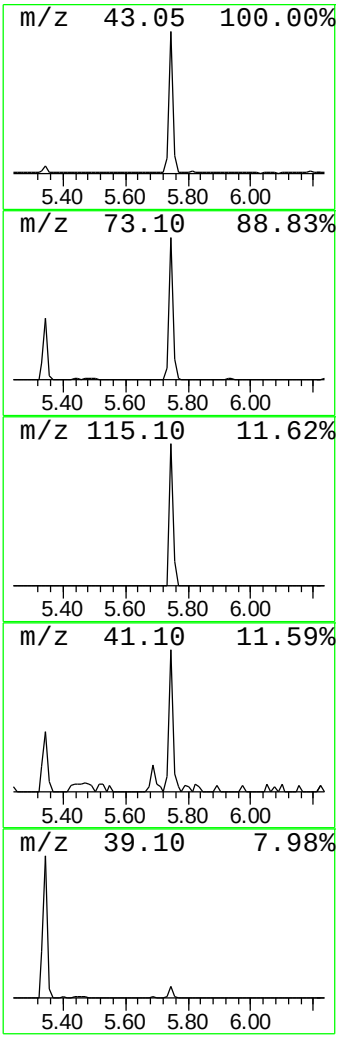
****

Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	2.58 ng	153452	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
3	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	9
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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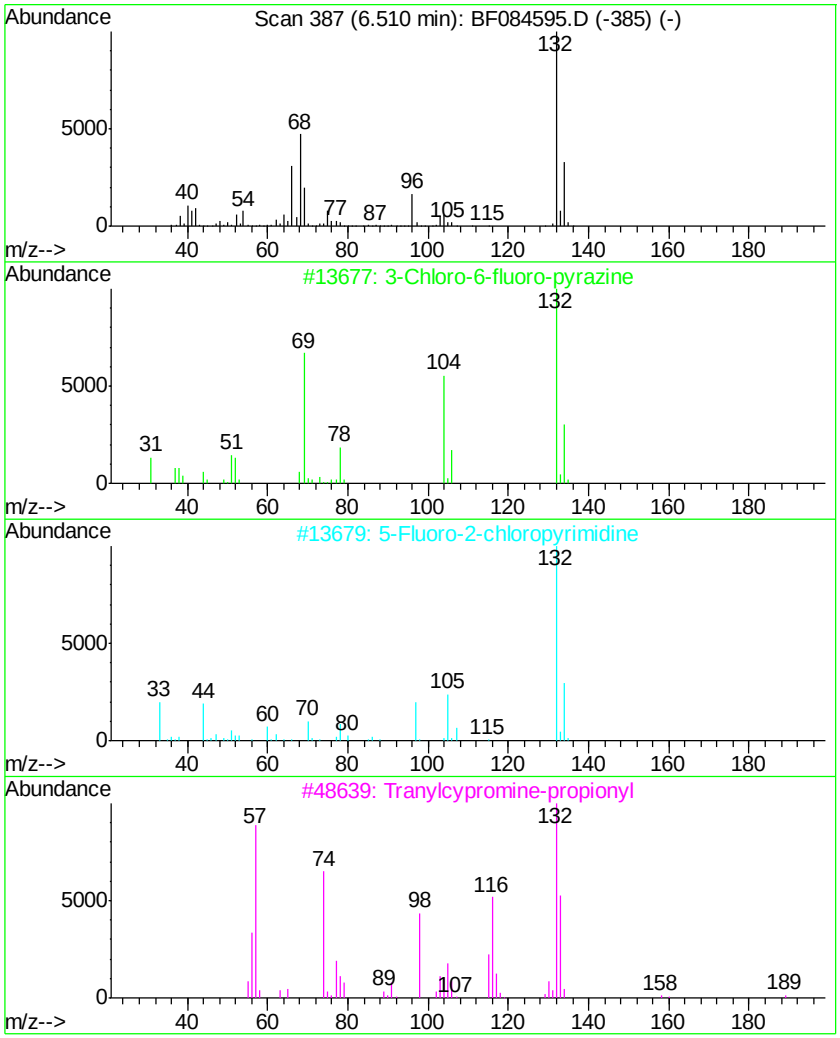
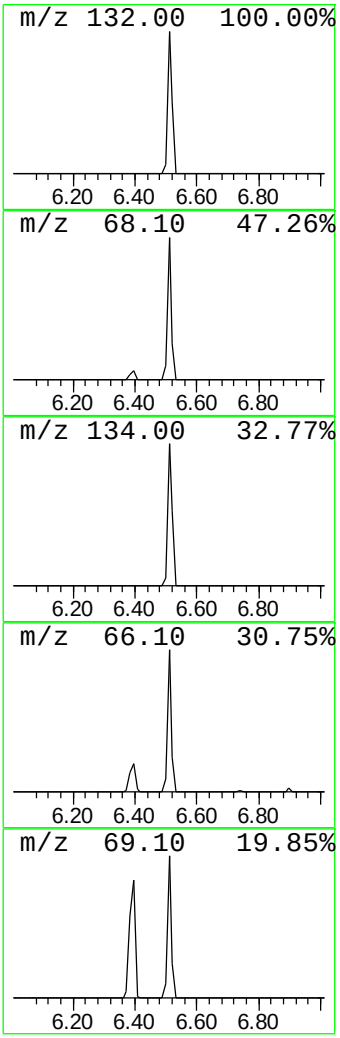
****

Peak Number 5 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	63.97 ng	3799750	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H1187-04
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Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

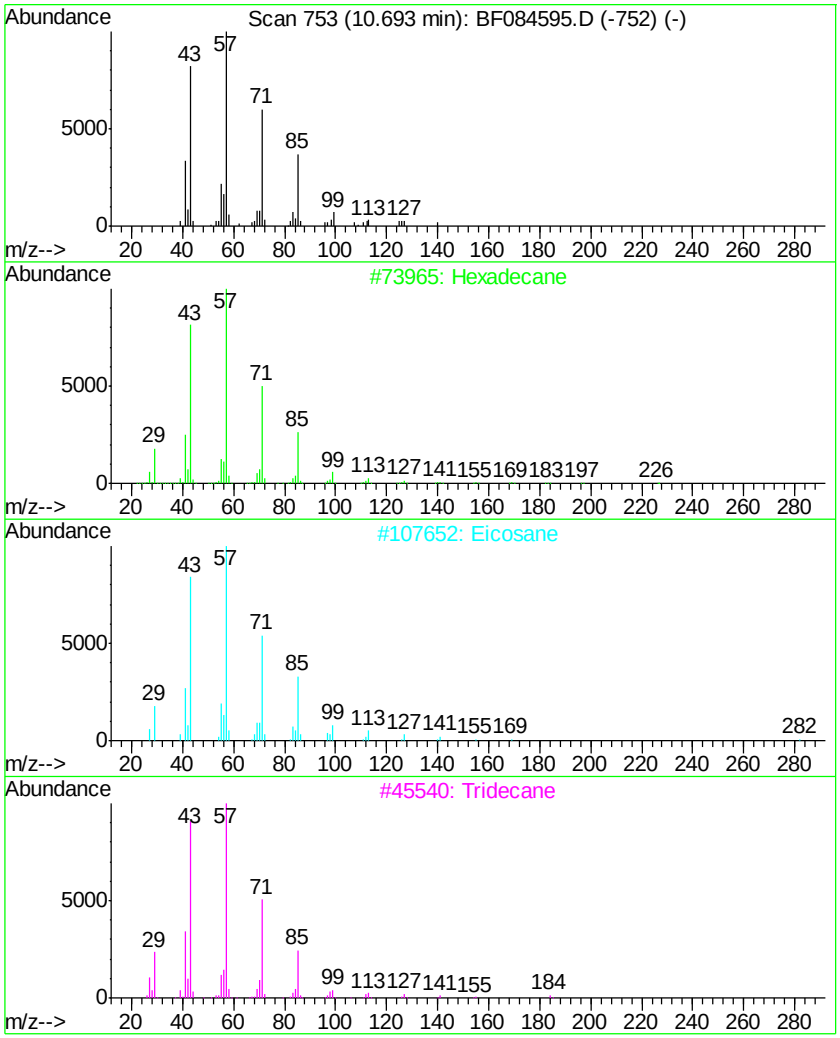
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

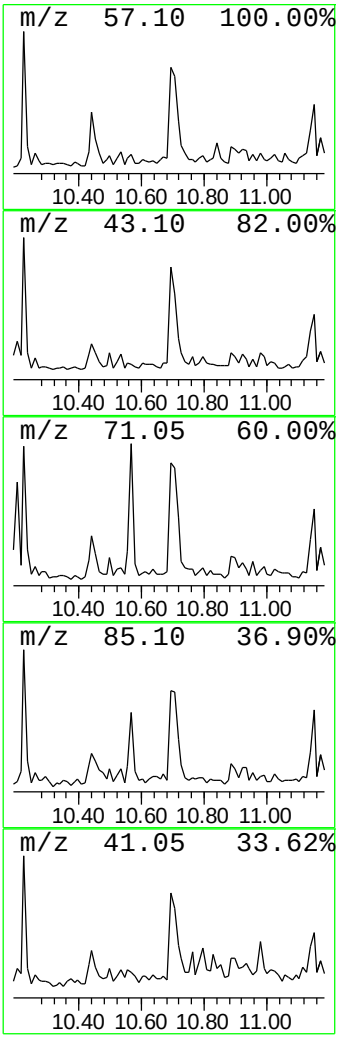
****

Peak Number 7 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.00 ng	185957	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	78
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





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Sample : H1187-04
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Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

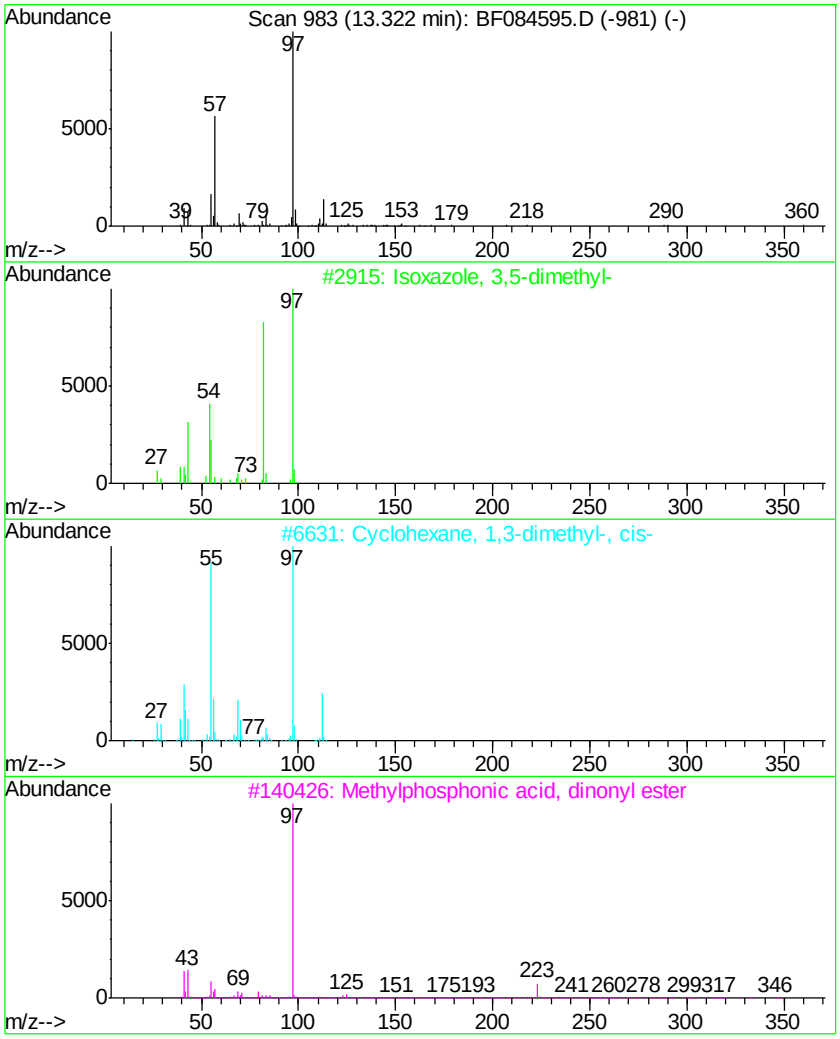
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

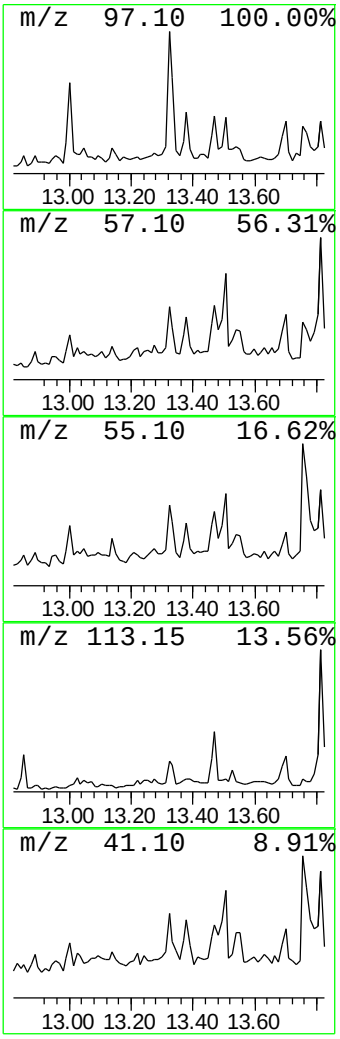
****

Peak Number 8 Isoxazole, 3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.74 ng	287360	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3	Methylphosphonic acid, dinonyl e...	348	C19H41O3P	095428-88-9	40
4	Thiophene, 2-isohexyl-	168	C10H16S	004861-59-0	40
5	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

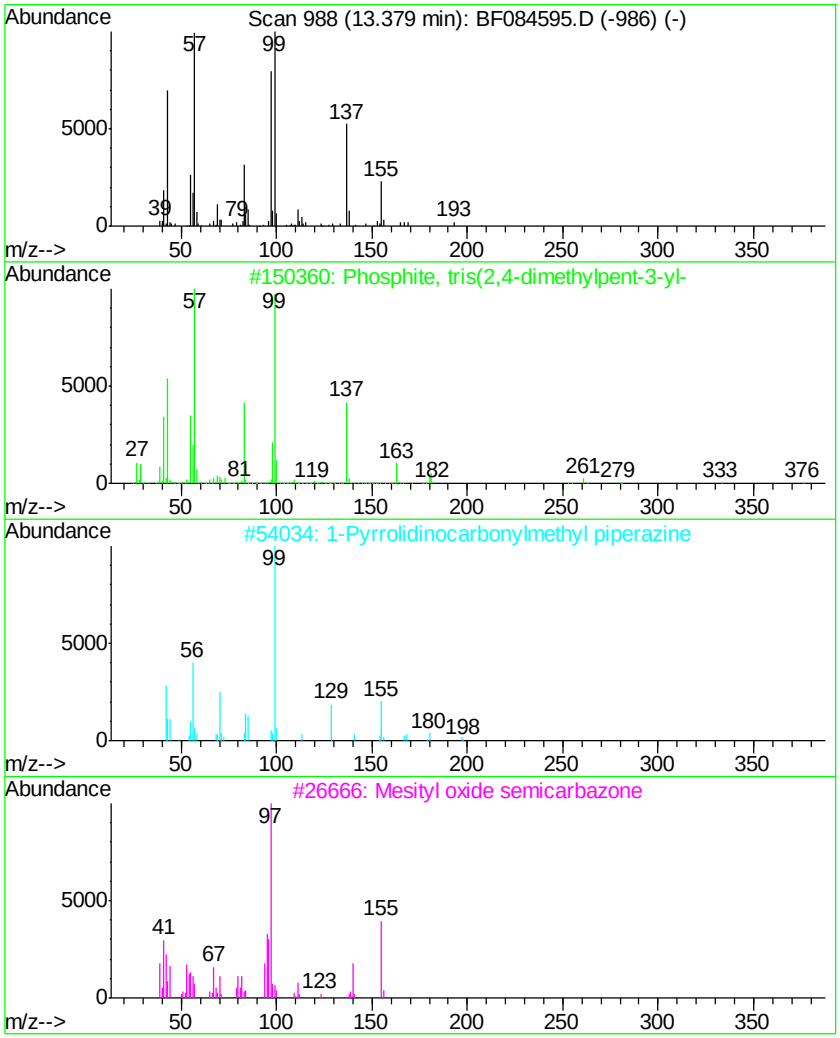
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

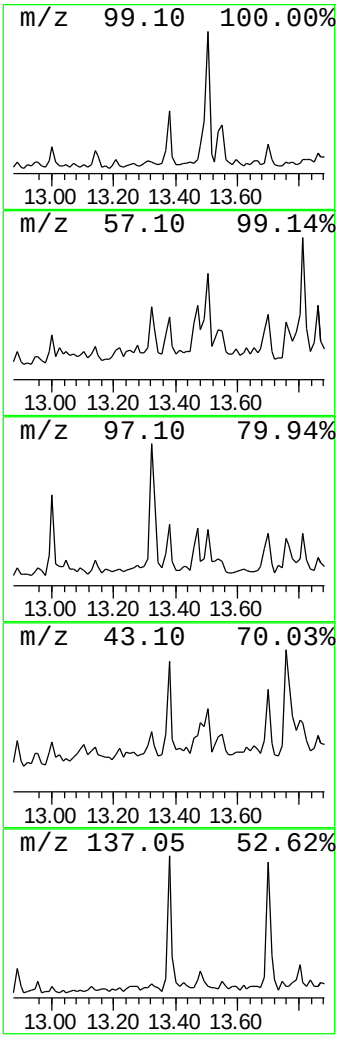
****

Peak Number 9 unknown13.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.87 ng	220711	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	32
2	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	27
3	Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	27
4	3,7-Undecanedione, 6,6,10-trimet...	226	C14H26O2	088725-83-1	22
5	2-Propylthiazole	127	C6H9NS	017626-75-4	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

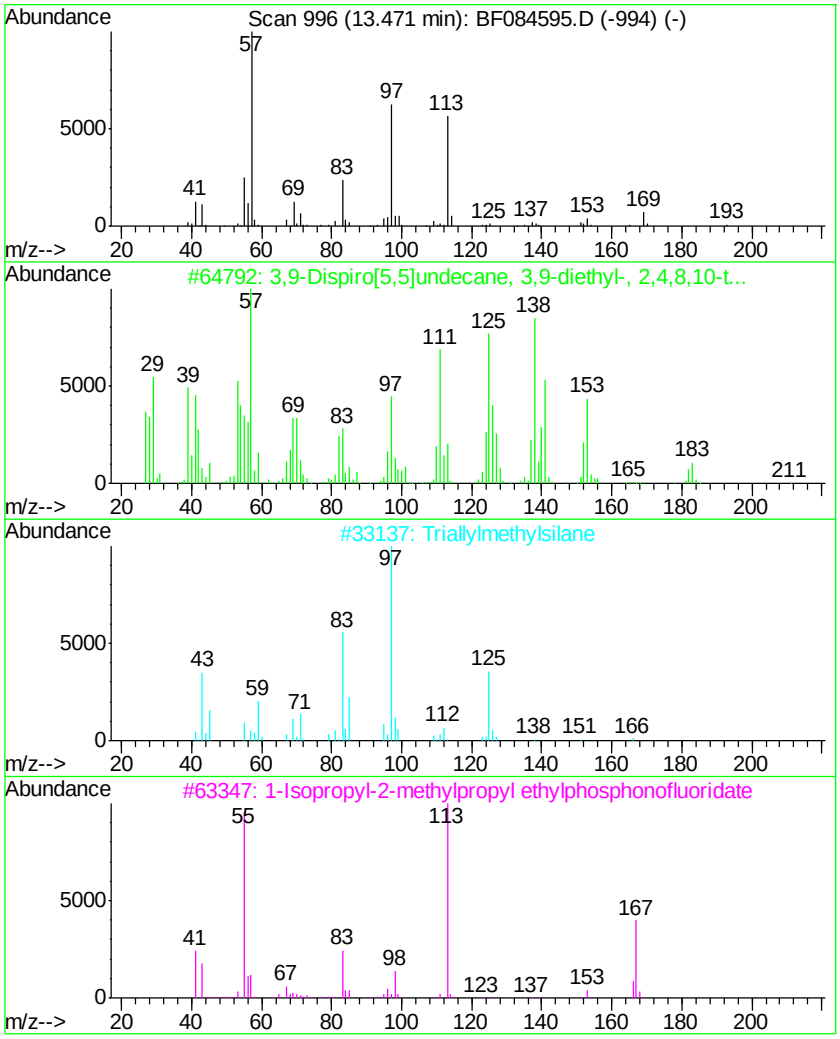
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

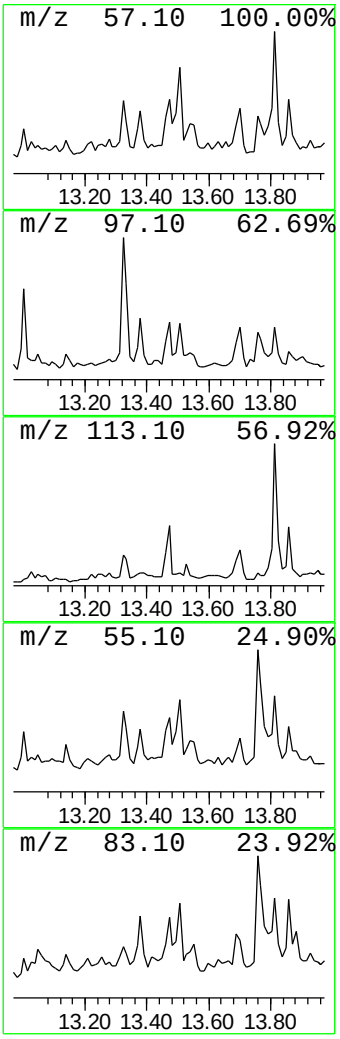
****

Peak Number 10 unknown13.47 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.05 ng	234097	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dispiro[5,5]undecane, 3,9-di...	212	C9H18B2O4	058163-67-0	43
2	Triallylmethylsilane	166	C10H18Si	001112-91-0	25
3	1-Isopropyl-2-methylpropyl ethyl...	210	C9H20FO2P	1000298-33-2	25
4	Boronic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	25
5	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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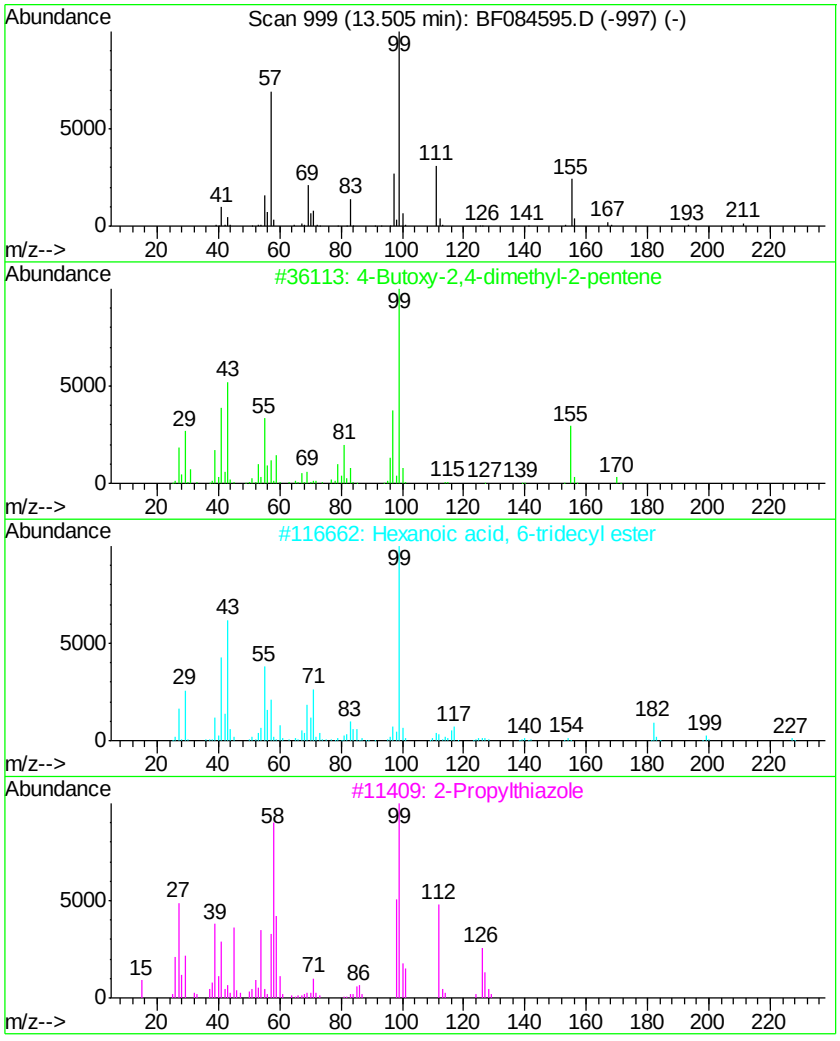
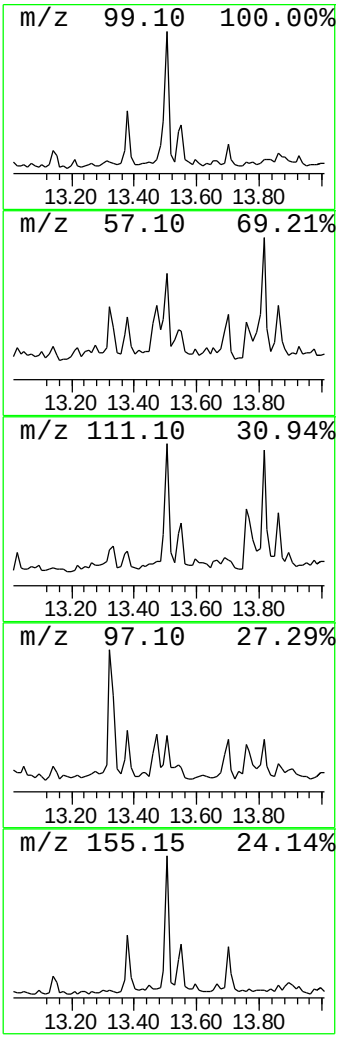
Peak Number 11 4-Butoxy-2,4-dimethyl-2-pen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	4.01 ng	307921	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	64
2	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	38
3	2-Propylthiazole	127	C6H9NS	017626-75-4	38
4	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	33
5	2-Butenedioic acid (Z)-, dibutyl...	228	C12H20O4	000105-76-0	28





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Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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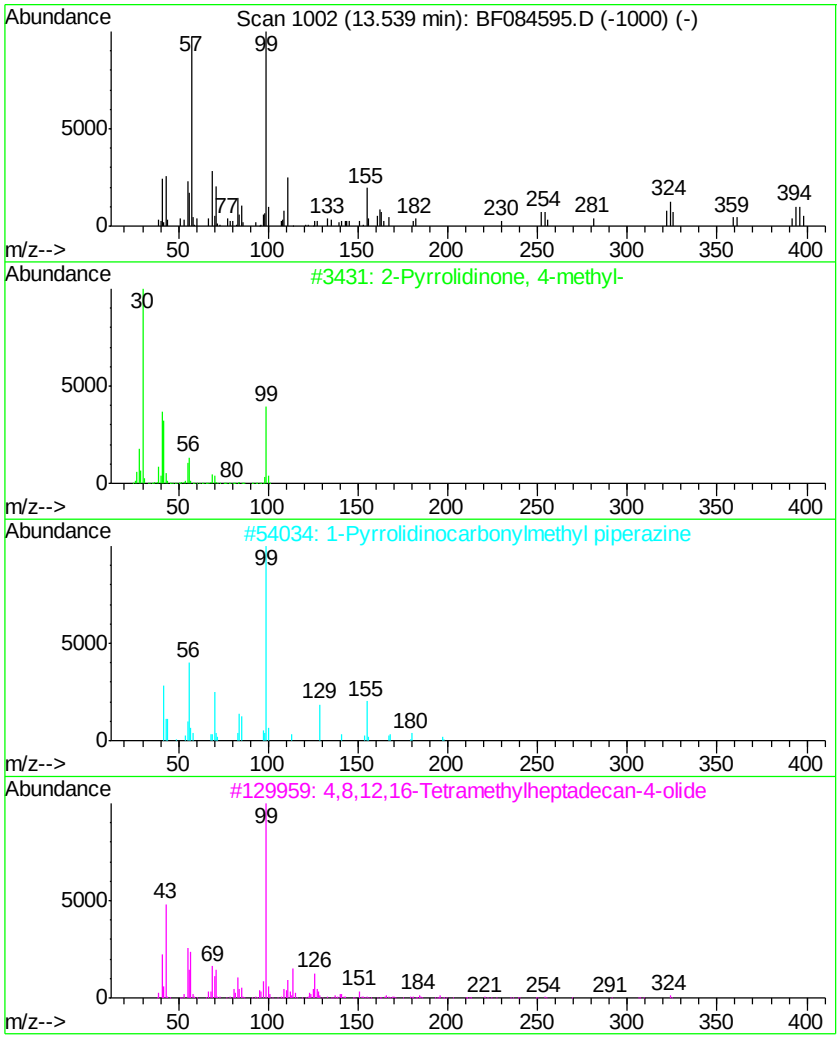
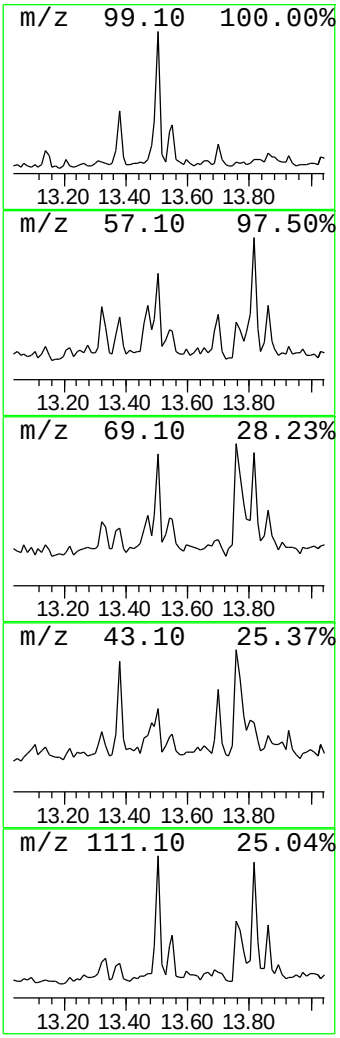
Peak Number 12 unknown13.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.45 ng	188247	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	38
2	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	37
3	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	37
4	2-Isobutyl-1,3,2-oxaazaborinane	141	C7H16BNO	112980-85-5	35
5	2-Propylthiazole	127	C6H9NS	017626-75-4	35





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Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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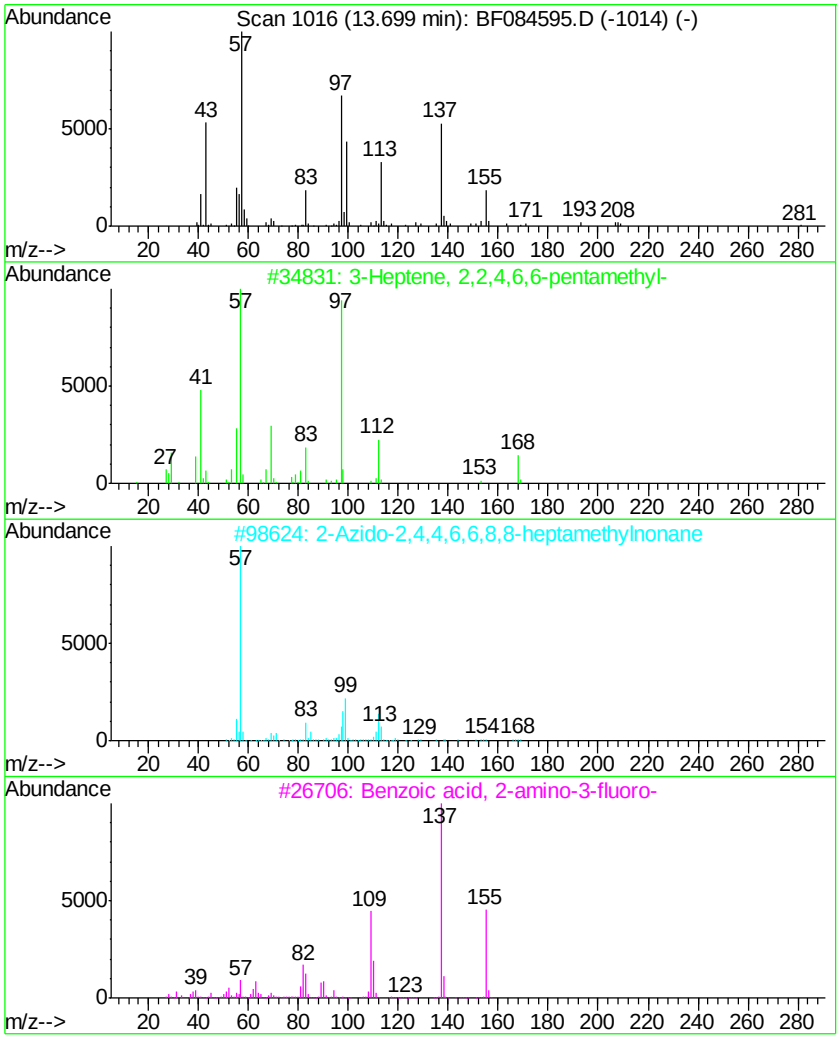
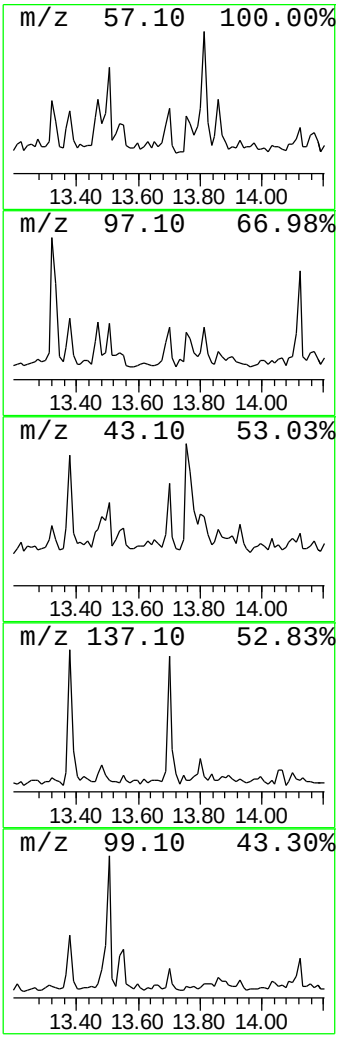
Peak Number 13 unknown13.70 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.12 ng	162630	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	22
2	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	16
3	Benzoic acid, 2-amino-3-fluoro-	155	C7H6FNO2	000825-22-9	14
4	Thiazolo[5,4-d]pyrimidine	137	C5H3N3S	000273-86-9	10
5	3-Pentenoic acid, 4-methyl-	114	C6H10O2	000504-85-8	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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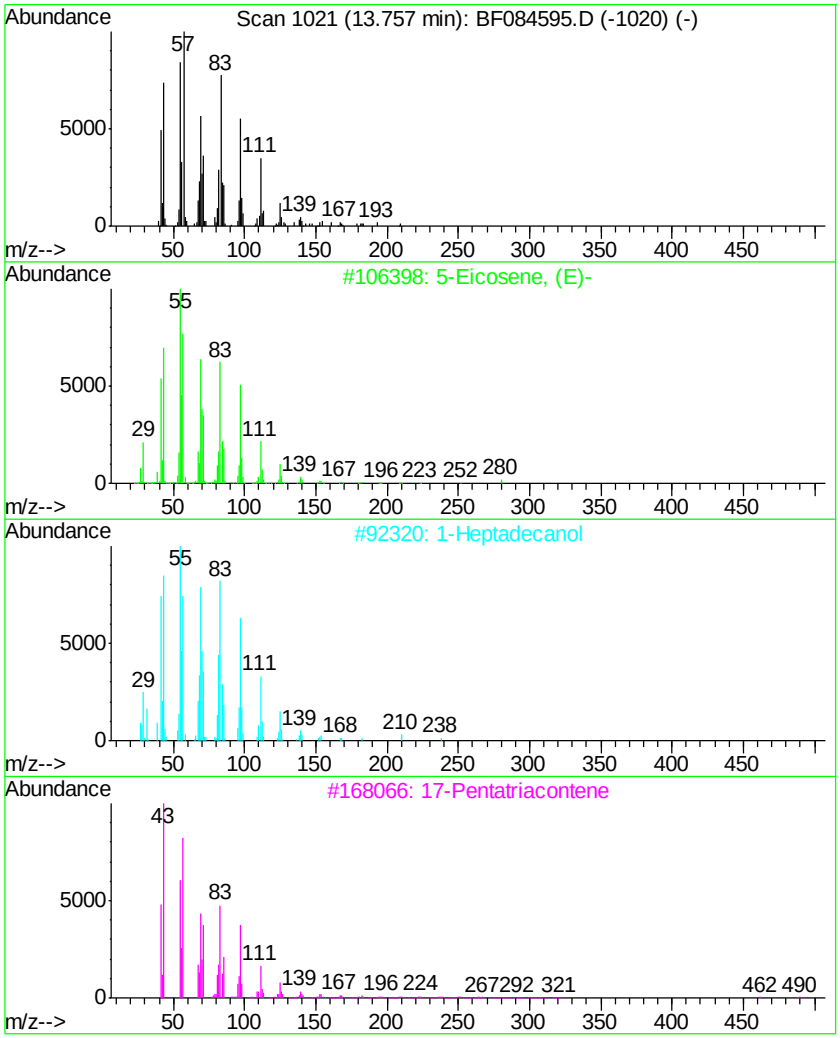
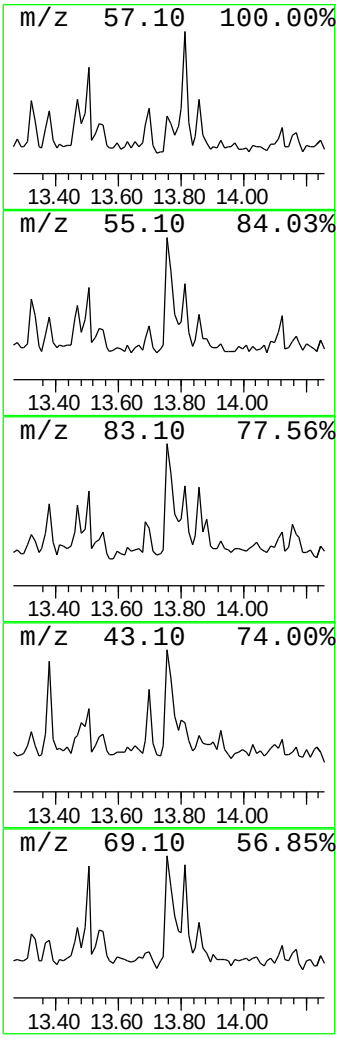
Peak Number 14 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.70 ng	437739	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
2	1-Heptadecanol	256	C17H36O	001454-85-9	81
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	55
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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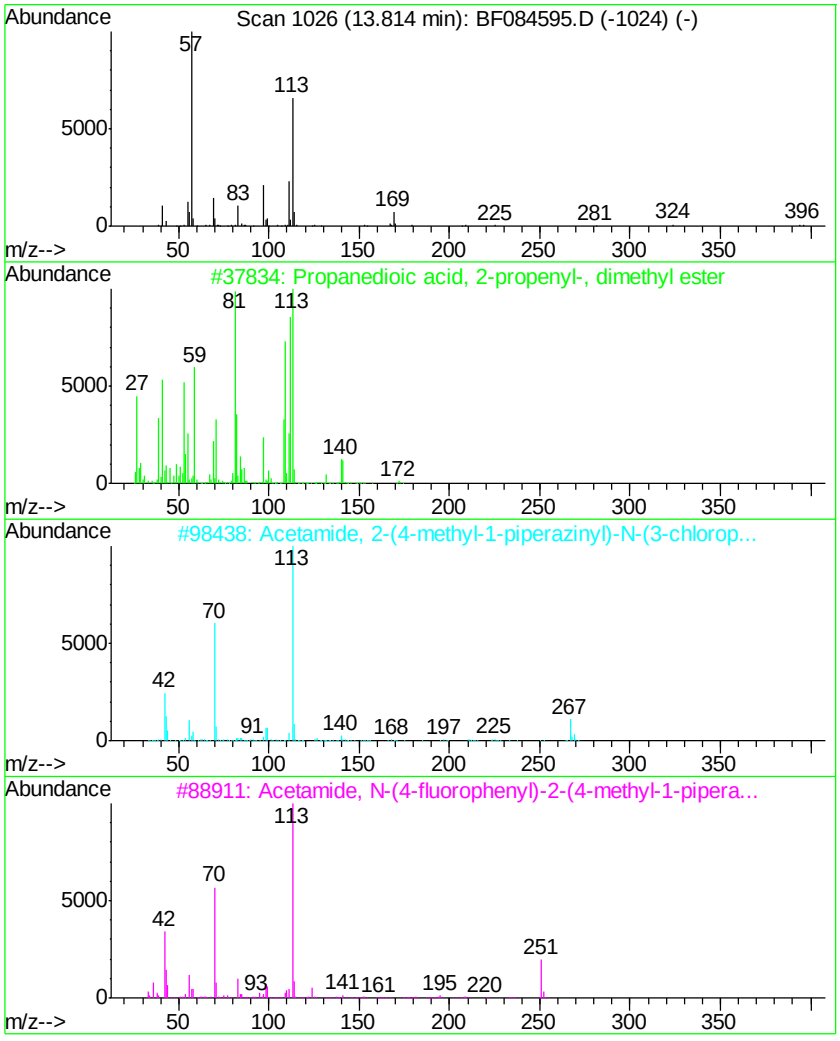
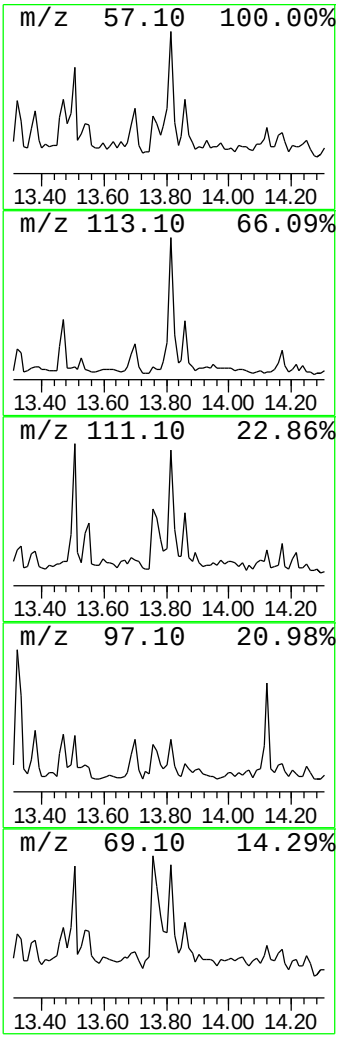
Peak Number 15 unknown13.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.86 ng	373178	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	38
2	Acetamide, 2-(4-methyl-1-piperaz...	267	C13H18ClN3O	296245-55-1	35
3	Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	23
4	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	23
5	(1-Propoxy-pentyl)-cyclopropane	170	C11H22O	094883-97-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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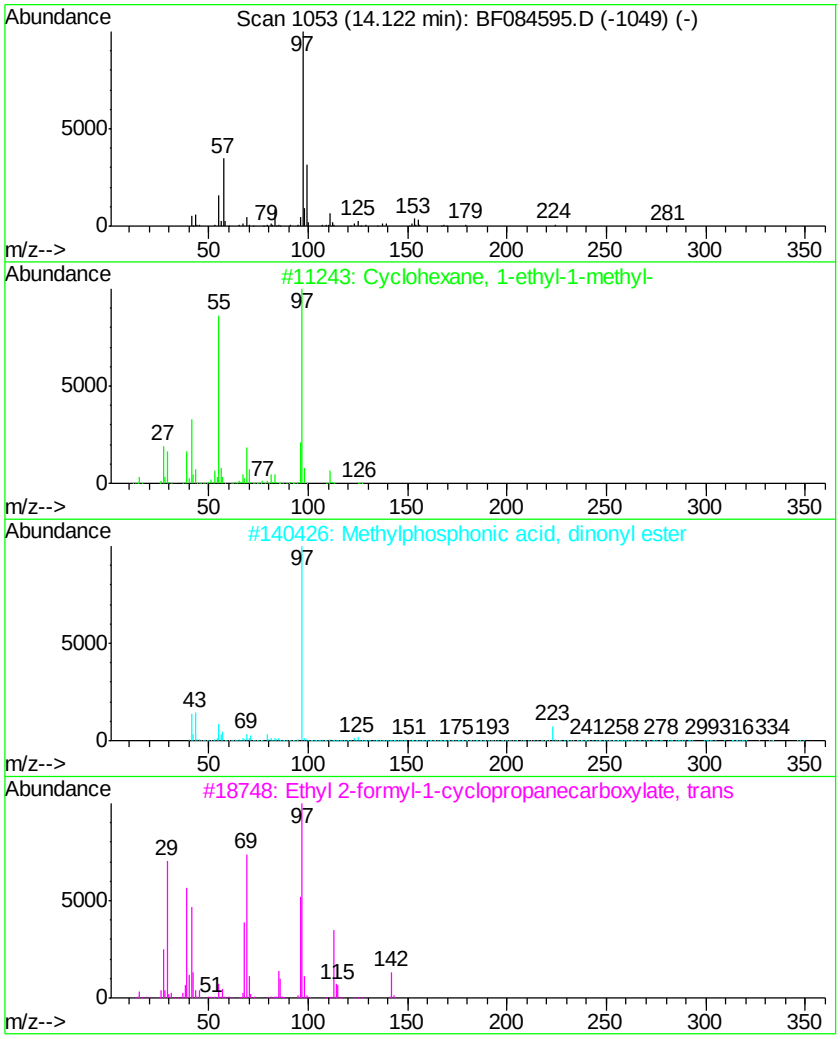
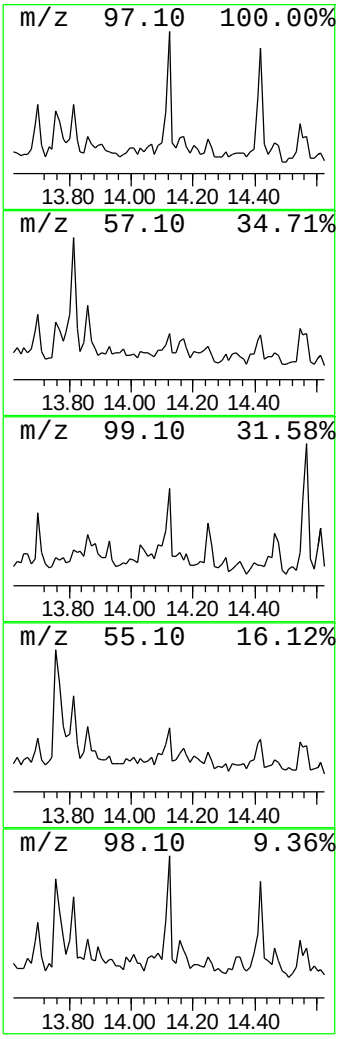
Peak Number 16 unknown14.12 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.01 ng	154681	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	42
2	Methylphosphonic acid, dinonyl e...	348	C19H41O3P	095428-88-9	28
3	Ethyl 2-formyl-1-cyclopropanecar...	142	C7H10O3	013949-93-4	9
4	2-Butyl-3,4,5,6-tetrahydropyridine	139	C9H17N	001462-94-8	9
5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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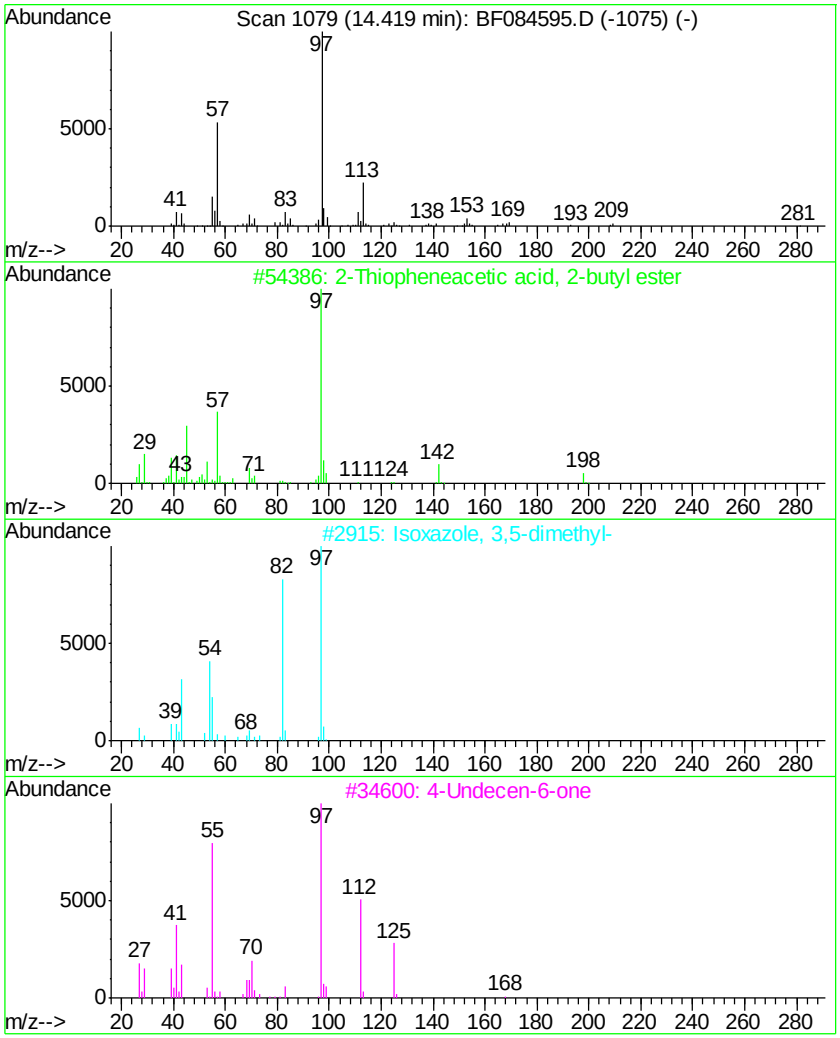
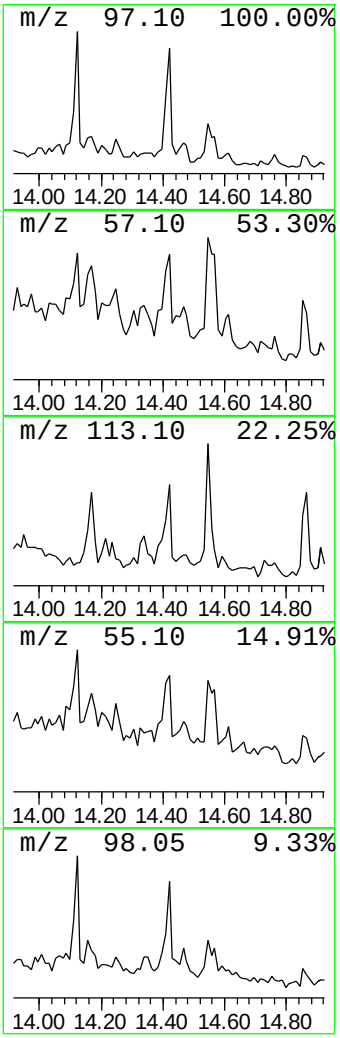
Peak Number 17 2-Thiopheneacetic acid, 2-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.60 ng	199813	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	59
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
3	4-Undecen-6-one	168	C11H20O	032064-74-7	50
4	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	42
5	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	42





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Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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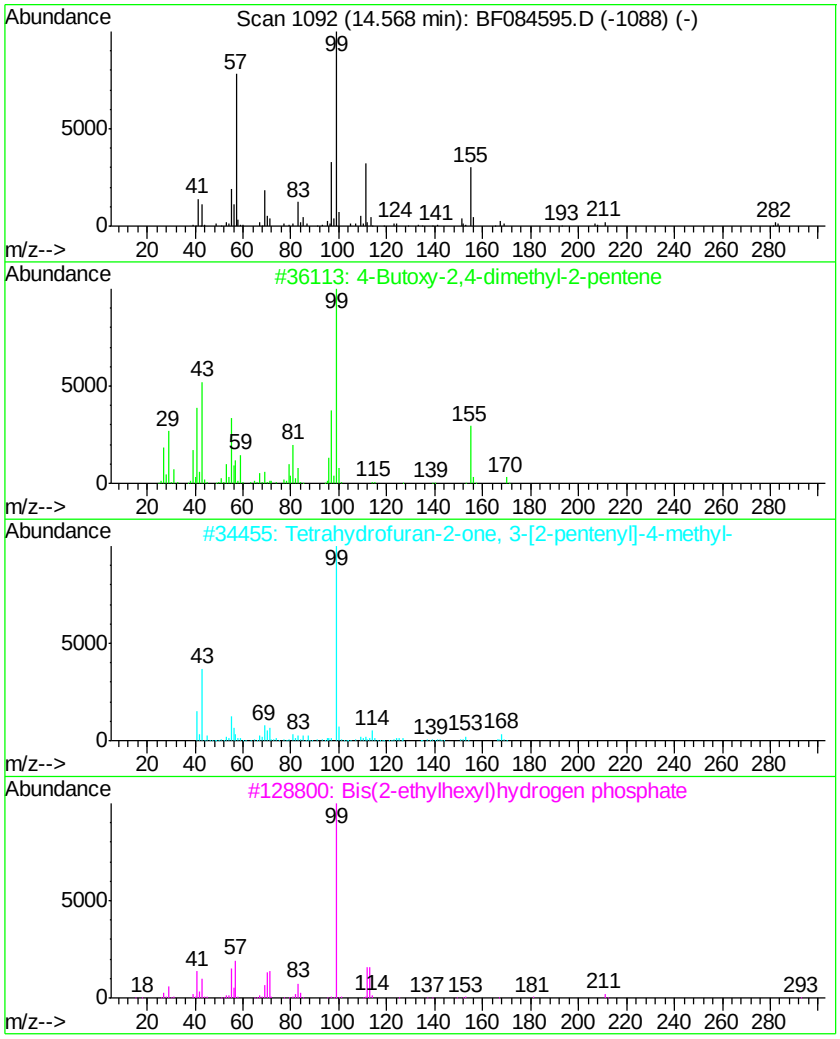
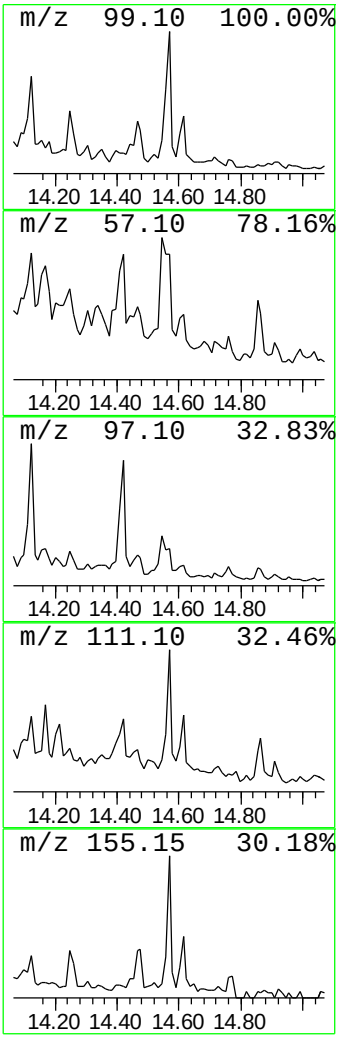
Peak Number 18 unknown14.57 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.66 ng	281104	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	42
2	Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	32
3	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	32
4	Hexahydrospiro[[1,3]dioxolane-2,...	240	C13H20O4	066411-80-1	32
5	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084595.D
Acq On : 22 Jan 2016 17:55
Operator : SJ/IZ
Sample : H1187-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
3-Penten-2-one, 4...	4.21	3.7	ng	217371	1	6.74	1187990	20.0
2-Pentanone, 4-hy...	4.91	49.5	ng	2942790	1	6.74	1187990	20.0
2-Pentanone, 4-me...	5.74	2.6	ng	153452	1	6.74	1187990	20.0
unknown6.51	6.51	64.0	ng	3799750	1	6.74	1187990	20.0
Hexadecane	10.69	2.0	ng	185957	4	11.26	1859290	20.0
Isoxazole, 3,5-di...	13.32	3.7	ng	287360	5	13.89	1535870	20.0
unknown13.38	13.38	2.9	ng	220711	5	13.89	1535870	20.0
unknown13.47	13.47	3.0	ng	234097	5	13.89	1535870	20.0
4-Butoxy-2,4-dime...	13.51	4.0	ng	307921	5	13.89	1535870	20.0
unknown13.54	13.54	2.5	ng	188247	5	13.89	1535870	20.0
unknown13.70	13.70	2.1	ng	162630	5	13.89	1535870	20.0
5-Eicosene, (E)-	13.76	5.7	ng	437739	5	13.89	1535870	20.0
unknown13.81	13.81	4.9	ng	373178	5	13.89	1535870	20.0
unknown14.12	14.12	2.0	ng	154681	5	13.89	1535870	20.0
2-Thiopheneacetic...	14.42	2.6	ng	199813	5	13.89	1535870	20.0
unknown14.57	14.57	3.7	ng	281104	5	13.89	1535870	20.0