LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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	4.213	183	186	191	rVB	190269	269761	4.95%	0.477%
2	4.910	243	247	250	rBV	2822161	4186000	76.82%	7.402%
3	5.344	282	285	287	rBV	4487534	4243033	77.87%	7.502%
4	5.744	318	320	322	rBV	299800	250589	4.60%	0.443%
5	6.396	374	377	379	rVB	4775886	5180612	95.07%	9.160%
6	6.510	385	387	390	rBV	3770962	4500289	82.59%	7.957%
7	6.739	405	407	410	rBV	993970	1129577	20.73%	1.997%
8	6.899	419	421	423	rVB	3791352	3344256	61.37%	5.913%
9	7.310	454	457	460	rBV	2903588	3014724	55.32%	5.331%
10	7.424	462	467	473	rVB	83276	117861	2.16%	0.208%
11	8.030	517	520	522	rVV	1946737	1628852	29.89%	2.880%
12	8.384	549	551	555	rBV	60341	71799	1.32%	0.127%
13	8.990	600	604	609	rBV2	61640	116254	2.13%	0.206%
14	9.116	612	615	617	rBV	4315768	5449144	100.00%	9.635%
15	9.253	624	627	630	rVB3	39253	54623	1.00%	0.097%
16	9.505	647	649	651	rBV	1067688	1300691	23.87%	2.300%
17	9.722	665	668	671	rBV2	72175	119146	2.19%	0.211%
18	9.779	671	673	676	rVV	1325827	1713023	31.44%	3.029%
19	10.202	705	710	711	rBV	46223	65614	1.20%	0.116%
20	10.225	711	712	714	rVB	188746	152076	2.79%	0.269%
21	10.442	729	731	735	rBV	61765	116018	2.13%	0.205%
22	10.568	740	742	745	rBV2	2397504	2895278	53.13%	5.119%
23	10.705	752	754	758	rBV2	141065	262590	4.82%	0.464%
24	10.762	758	759	760	rVV	79359	58412	1.07%	0.103%
25	10.796	760	762	764	rVV2	94944	123851	2.27%	0.219%
26	10.830	764	765	768	rVB2	71892	98459	1.81%	0.174%
27	10.899	768	771	773	rBV2	52313	114527	2.10%	0.203%
28	10.933	773	774	777	rVV3	50919	67643	1.24%	0.120%
29	10.979	777	778	780	rVV	93708	82693	1.52%	0.146%
30	11.059	783	785	788	rVB	85955	96199	1.77%	0.170%
31	11.150	788	793	794	rBV	106974	150144	2.76%	0.265%
32	11.265	801	803	805	rBV	2013419	1711710	31.41%	3.027%
33	11.322	806	808	813	rVB2	40209	85604	1.57%	0.151%
34	11.573	828	830	833	rVB	70882	68524	1.26%	0.121%

LSC Area Percent Report

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Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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	11.951	861	863	867	rBV3	30375	79847	1.47%	0.141%
36	12.088	874	875	877	rVB	44419	58378	1.07%	0.103%
37	12.145	878	880	881	rBV2	83163	72804	1.34%	0.129%
38	12.248	887	889	892	rBV	64622	94282	1.73%	0.167%
39	12.305	892	894	895	rVV	142239	134929	2.48%	0.239%
40	12.339	895	897	902	rVB3	50230	107799	1.98%	0.191%
41	12.499	907	911	915	rVB	121990	170017	3.12%	0.301%
42	12.625	919	922	923	rBV2	55192	84769	1.56%	0.150%
43	12.648	923	924	926	rVB	159552	134011	2.46%	0.237%
44	12.694	926	928	933	rBV4	51550	139168	2.55%	0.246%
45	12.854	939	942	944	rBV	4322955	4678977	85.87%	8.273%
46	12.888	944	945	949	rVB	64331	69647	1.28%	0.123%
47	12.956	949	951	953	rBV	53945	68351	1.25%	0.121%
48	13.002	953	955	956	rBV	232549	233319	4.28%	0.413%
49	13.139	965	967	969	rVB3	59730	86099	1.58%	0.152%
50	13.219	971	974	975	rBV	44888	75323	1.38%	0.133%
51	13.334	981	984	986	rVV	248300	367588	6.75%	0.650%
52	13.379	986	988	990	rVV	252417	272409	5.00%	0.482%
53	13.471	994	996	997	rVV	235256	290341	5.33%	0.513%
54	13.505	997	999	1000	rVV	467243	448666	8.23%	0.793%
55	13.551	1000	1003	1006	rVB2	175202	276016	5.07%	0.488%
56	13.699	1014	1016	1018	rVB	176529	221331	4.06%	0.391%
57	13.768	1020	1022	1024	rVV	155699	280811	5.15%	0.497%
58	13.814	1024	1026	1029	rVV	384273	511507	9.39%	0.904%
59	13.859	1029	1030	1031	rVV	191405	182315	3.35%	0.322%
60	13.894	1031	1033	1035	rVV	1041824	1436281	26.36%	2.540%
61	14.042	1044	1046	1049	rVV3	51785	136880	2.51%	0.242%
62	14.122	1051	1053	1055	rVV	220242	272520	5.00%	0.482%
63	14.168	1055	1057	1059	rVV	114172	207260	3.80%	0.366%
64	14.214	1059	1061	1063	rVV	62904	113042	2.07%	0.200%
65	14.248	1063	1064	1066	rVV	73620	89874	1.65%	0.159%
66	14.339	1070	1072	1075	rVV3	41958	84925	1.56%	0.150%
67	14.419	1075	1079	1080	rVV	196743	284776	5.23%	0.504%
68	14.454	1080	1082	1086	rVV3	46849	118349	2.17%	0.209%
69	14.568	1088	1092	1094	rVV2	195795	367917	6.75%	0.651%
70	14.614	1094	1096	1098	rVB	67257	94029	1.73%	0.166%
71	14.751	1104	1108	1113	rVB3	57068	110745	2.03%	0.196%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-02

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

72	14.865	1115	1118	1120	rBV	72449	100711	1.85%	0.178%
73	15.288	1153	1155	1158	rBV	820524	1036094	19.01%	1.832%
74	15.437	1166	1168	1176	rVB7	36683	123812	2.27%	0.219%

Sum of corrected areas: 56555495

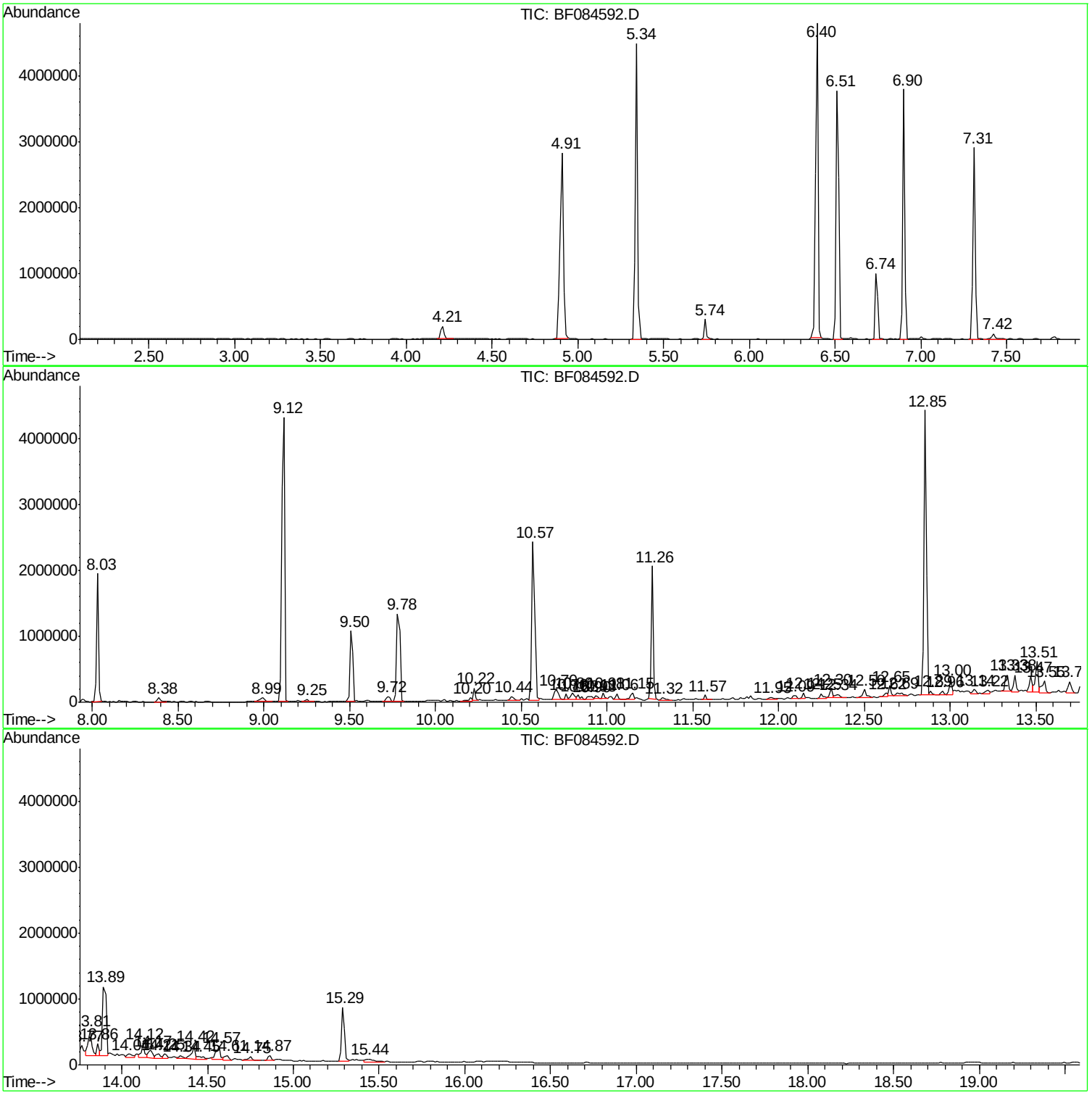
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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

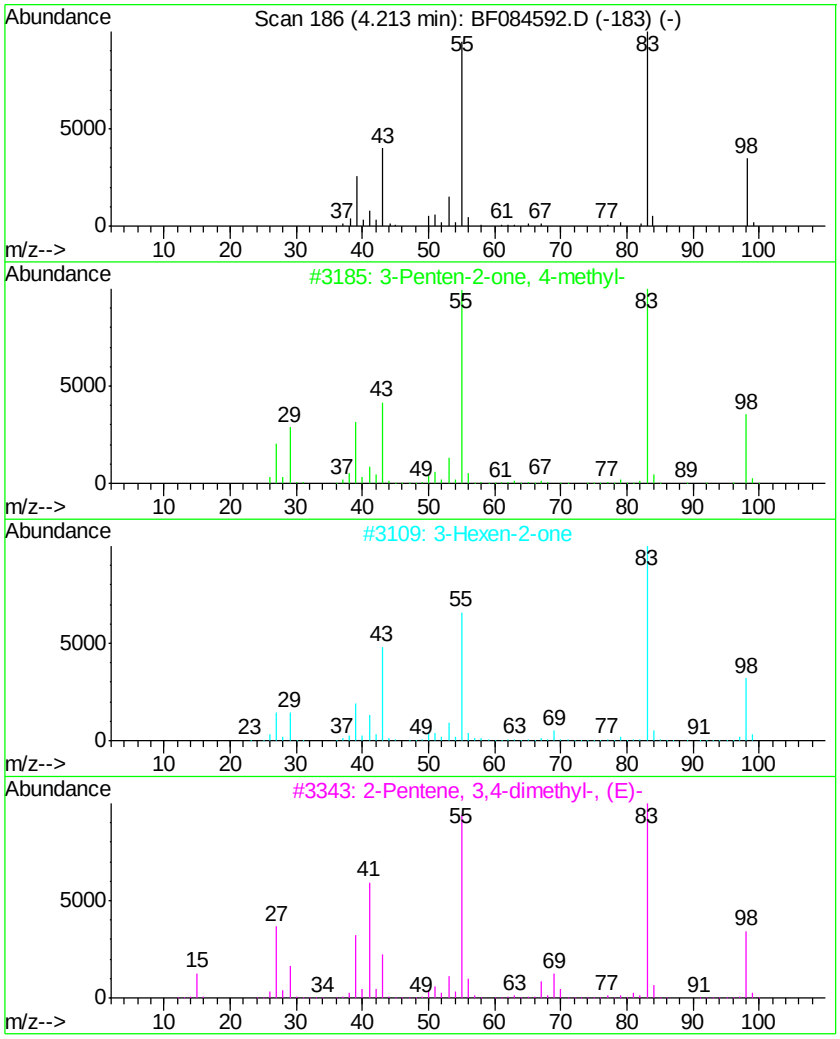
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

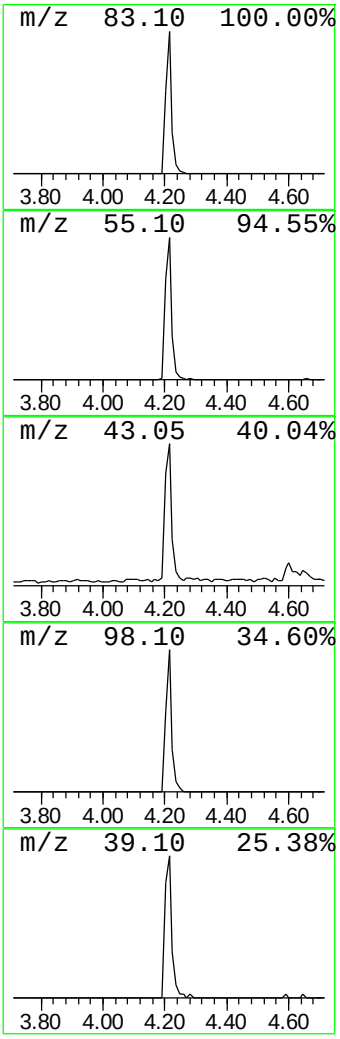
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	4.78 ng	269761	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	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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

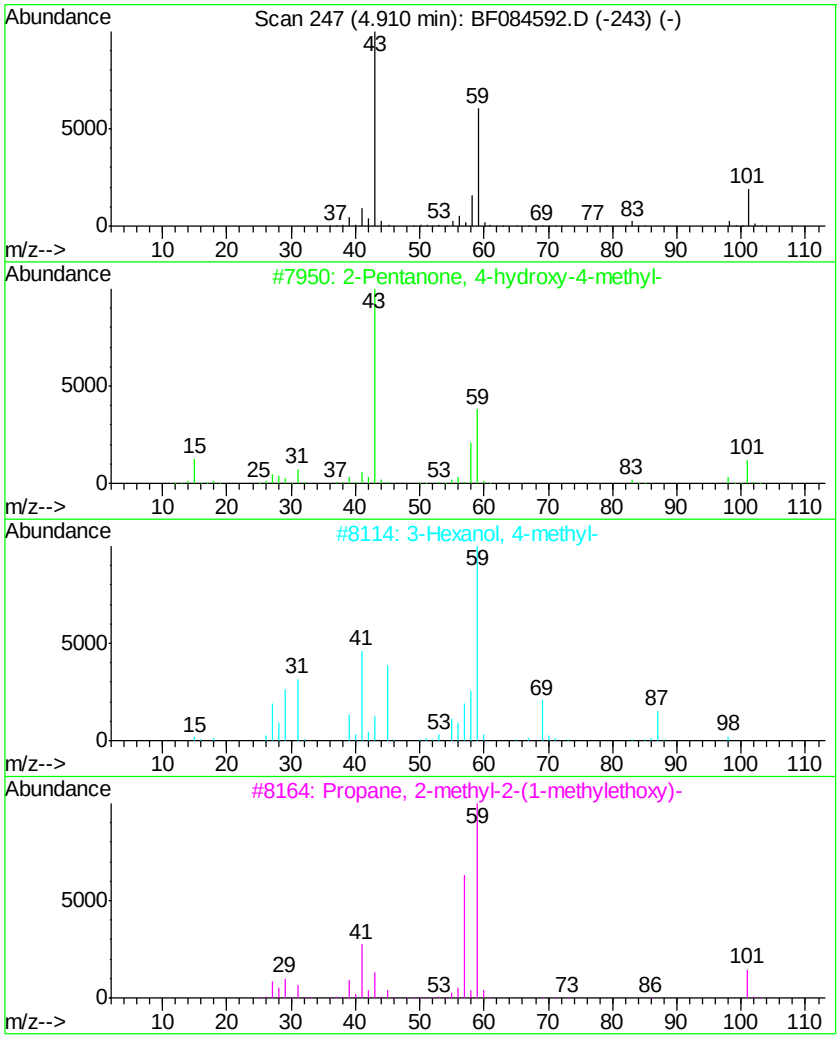
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

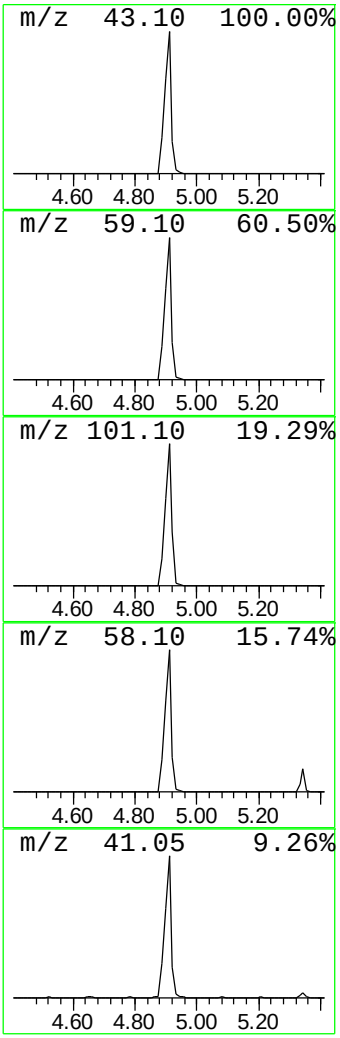
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	74.12 ng	4186000	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	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	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\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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

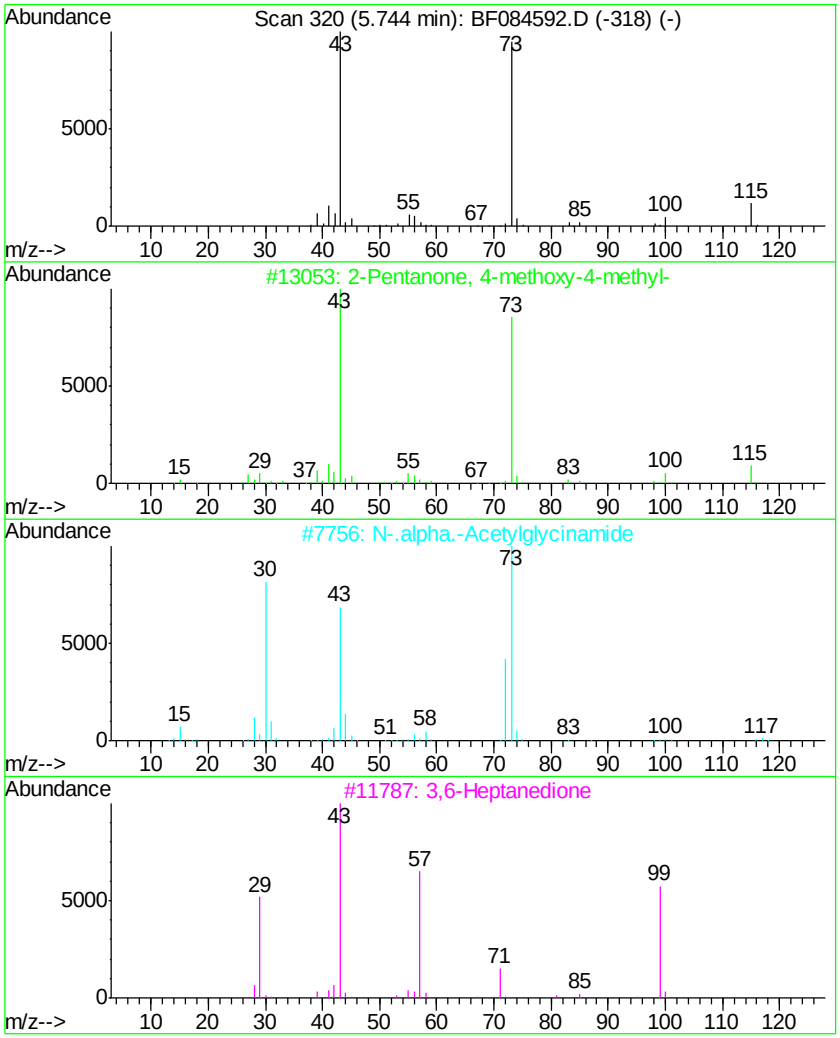
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

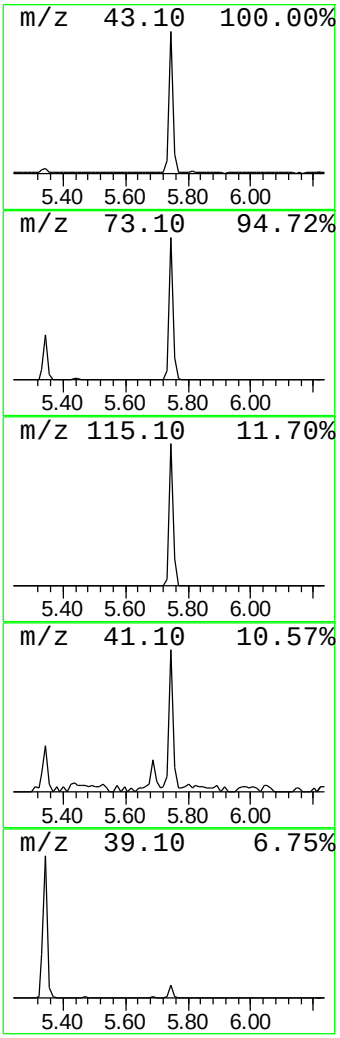
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	4.44 ng	250589	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-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25
3	3,6-Heptanedione	128	C7H12O2	001703-51-1	23
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10





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Operator : SJ/IZ
Sample : H1187-01
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Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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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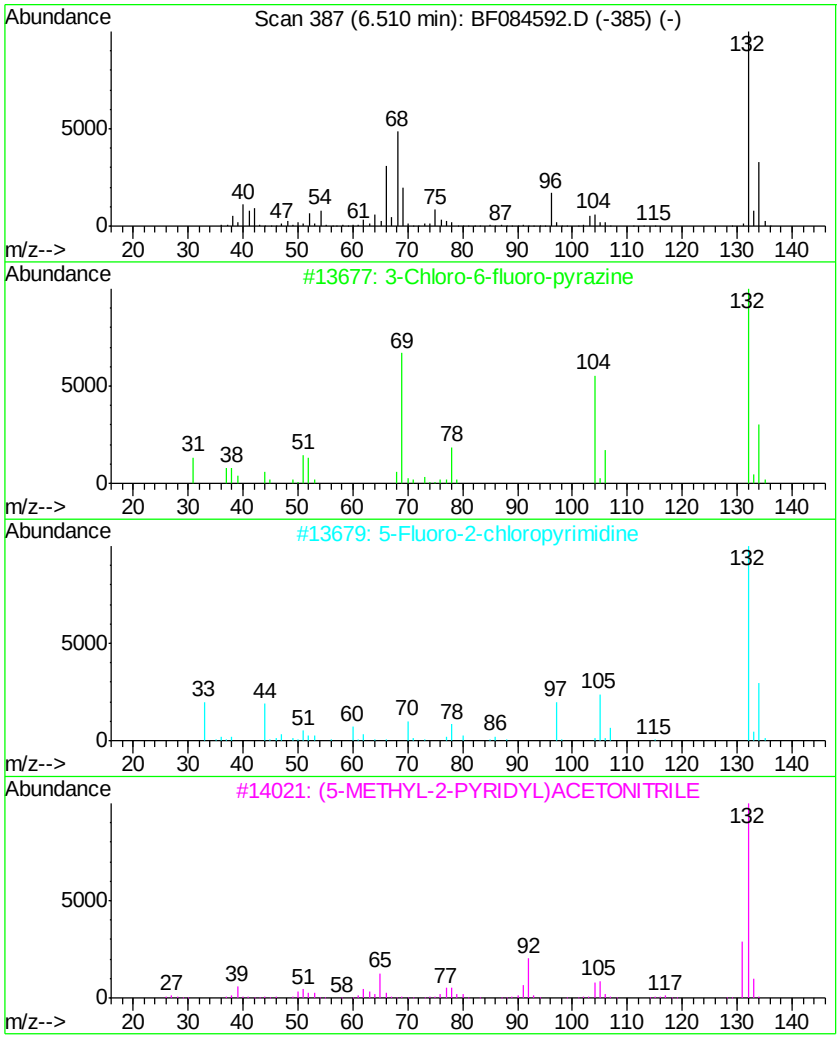
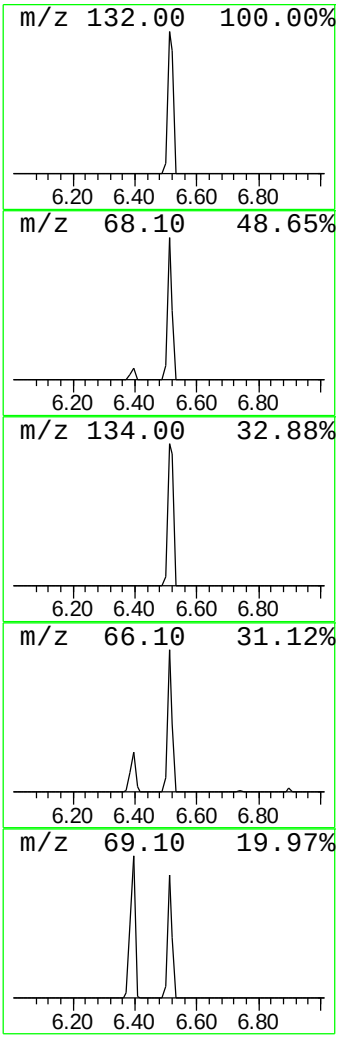
Peak Number 4 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	79.68 ng	4500290	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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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

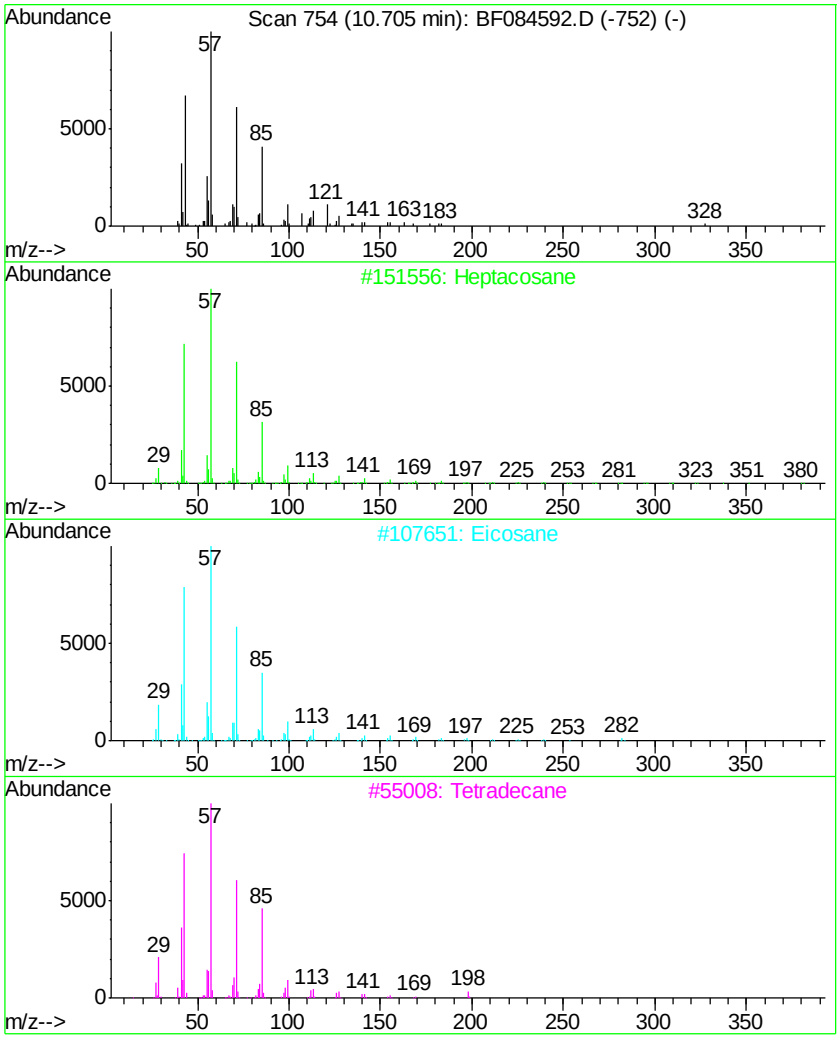
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

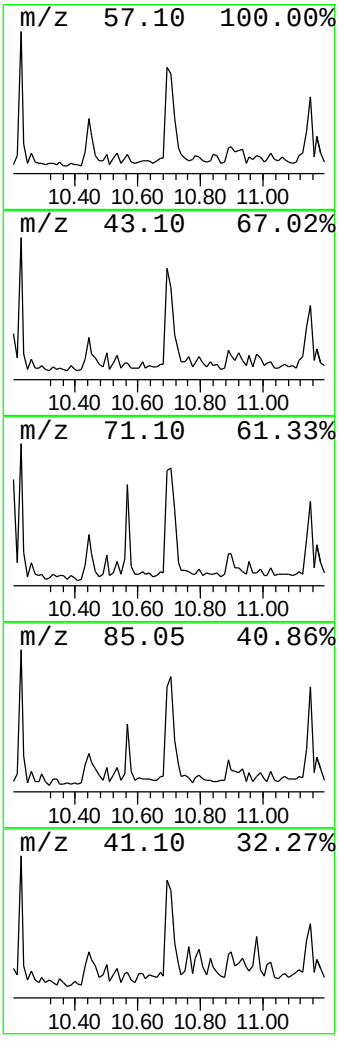
****

Peak Number 6 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.07 ng	262590	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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

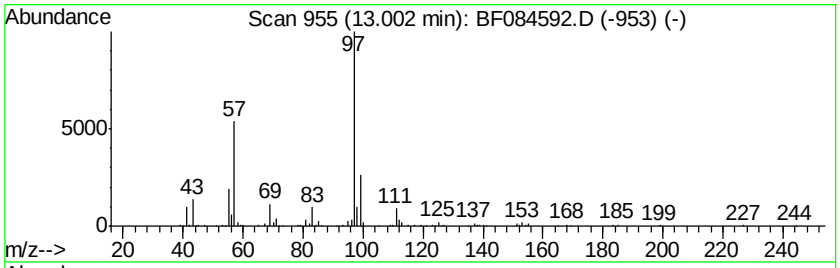
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

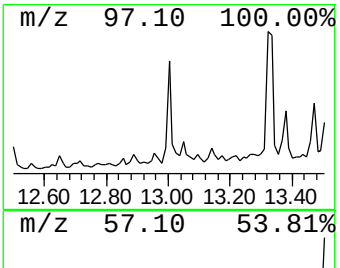
****

Peak Number 7 4-Undecen-6-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.25 ng	233319	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecen-6-one	168	C11H20O	032064-74-7	59
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	53
3	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	47
4	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	42
5	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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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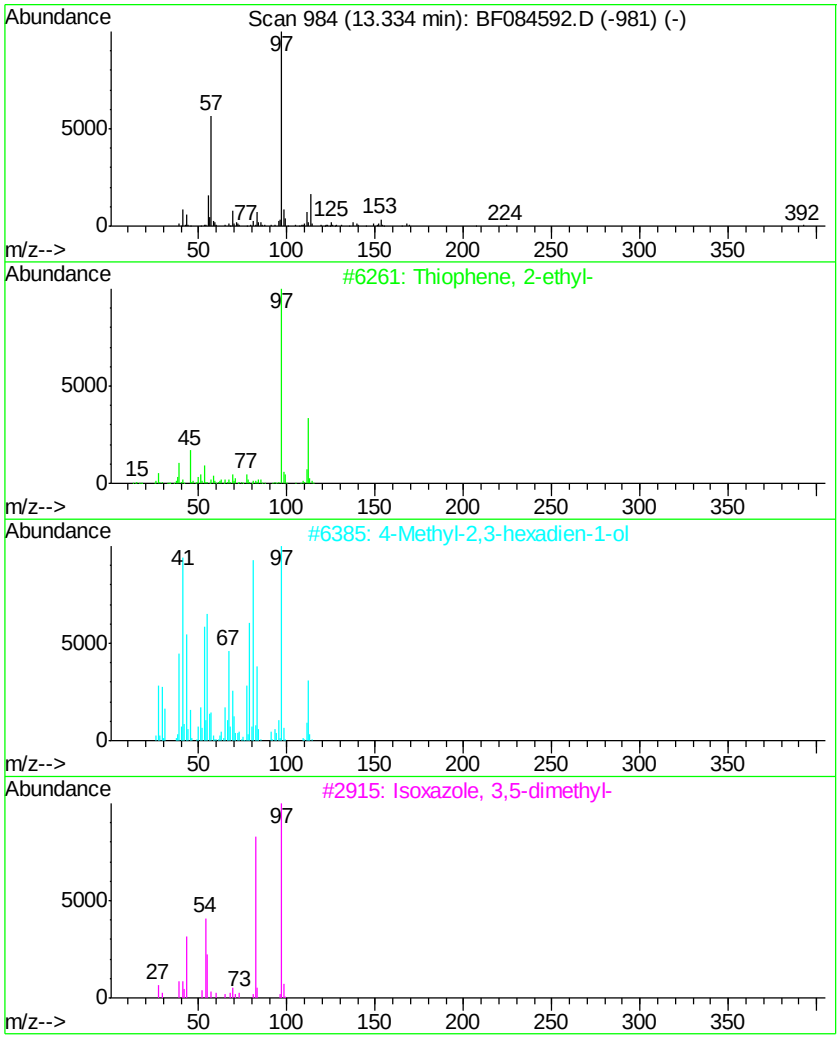
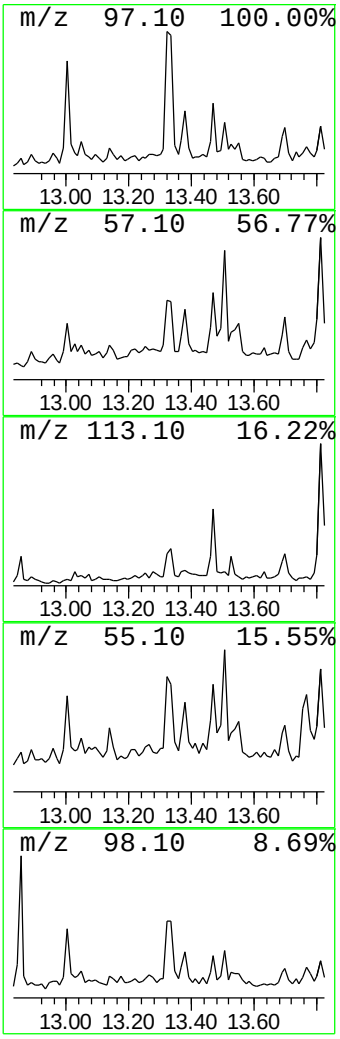
Peak Number 8 Thiophene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	5.12 ng	367588	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	59
2	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	50
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
4	Propionic acid, 3-hydroxy-2-isop...	130	C6H10O3	1000153-27-1	50
5	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	45





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Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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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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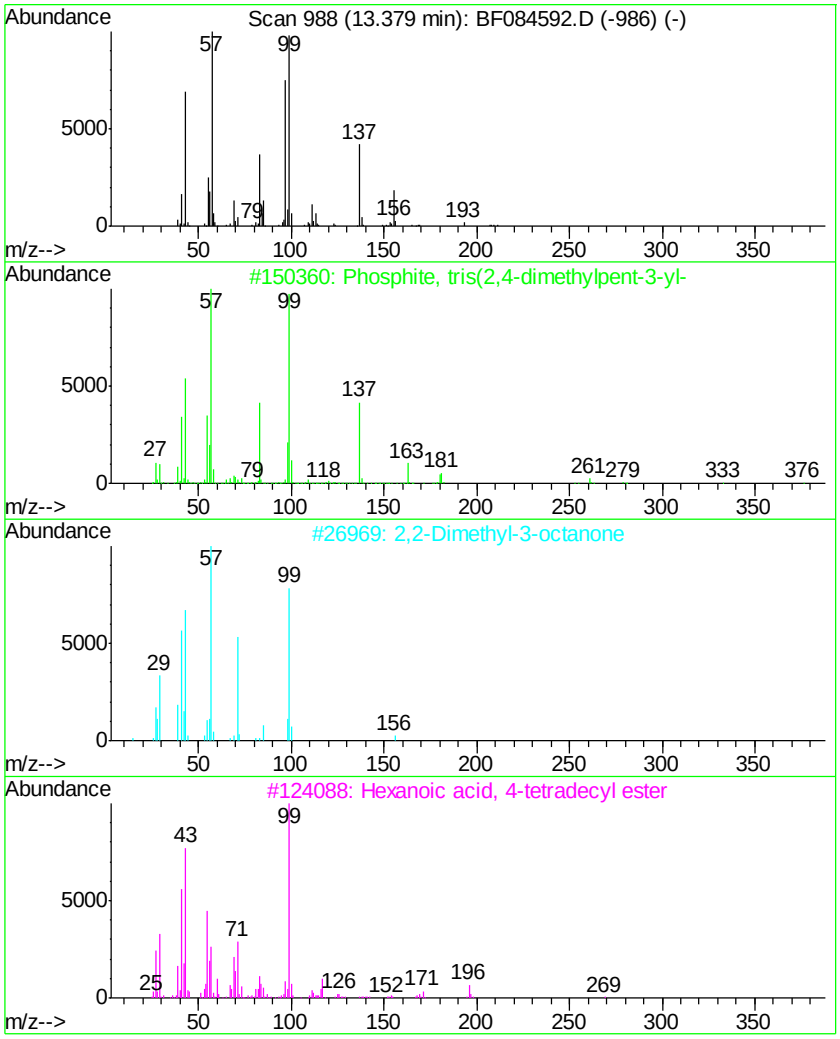
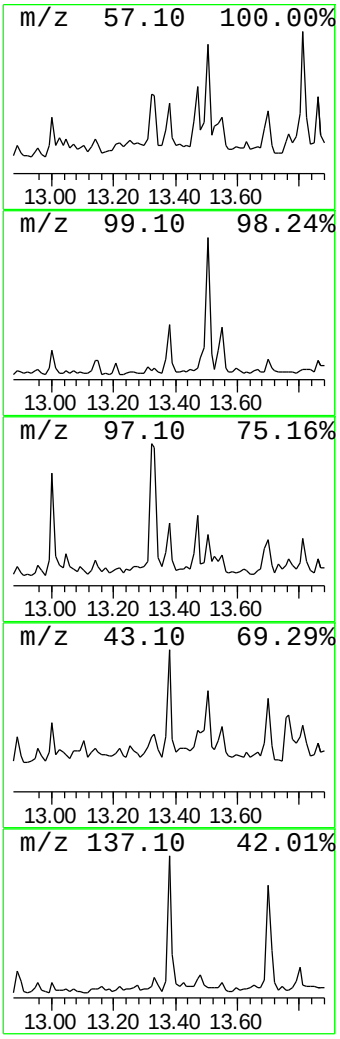
Peak Number 9 unknown13.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.79 ng	272409	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	38
2	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	27
3	Hexanoic acid, 4-tetradecyl ester	312	C20H40O2	1000279-29-8	22
4	Methylphosphonic acid, fluoroanh...	208	C9H18FO2P	014719-38-1	22
5	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	22





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Sample : H1187-01
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ClientSampleId : P001-SS015-7278-02

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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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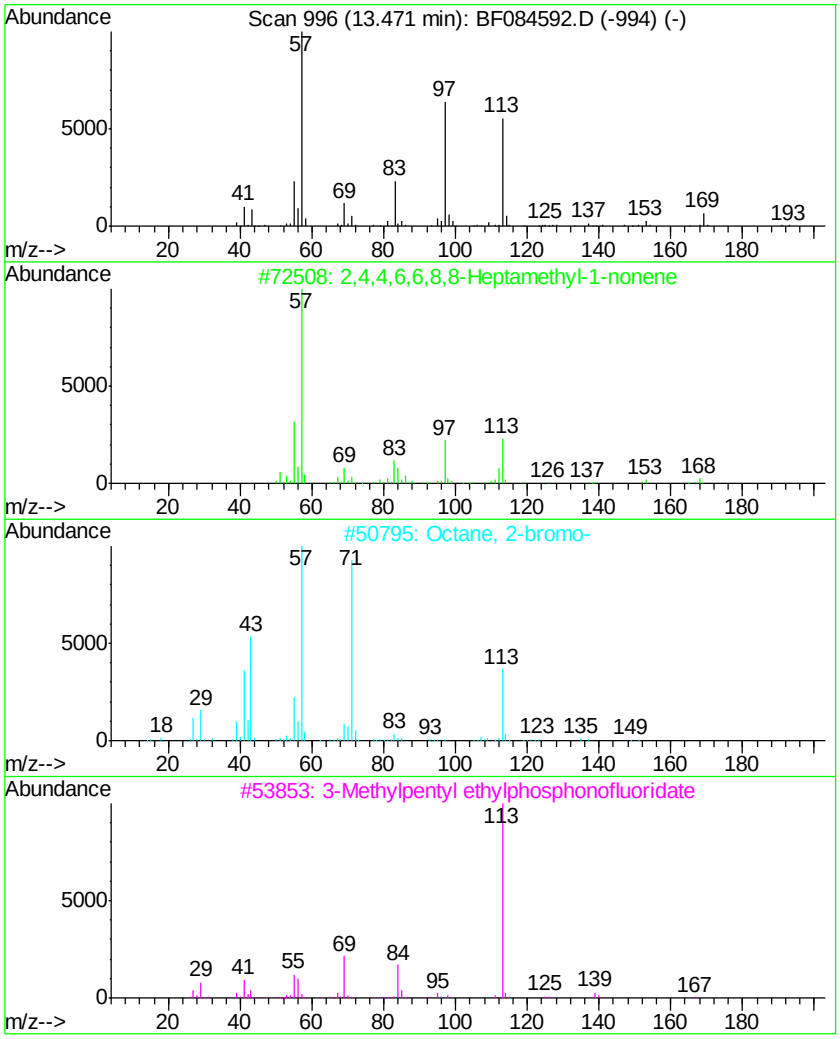
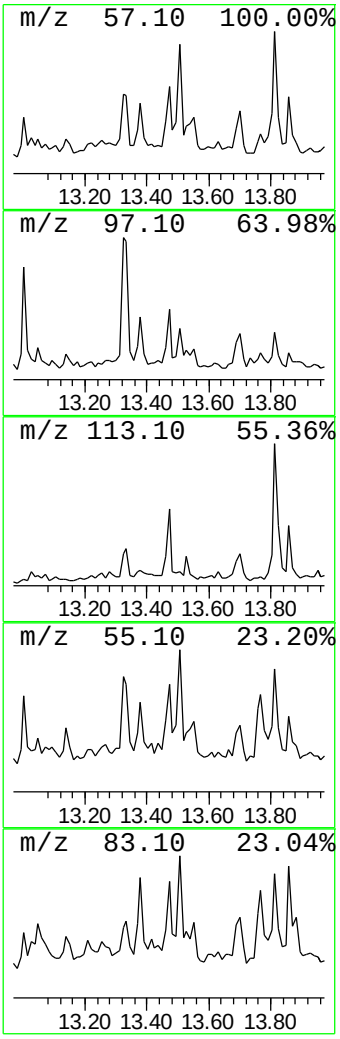
Peak Number 10 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.04 ng	290341	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	64
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
3	3-Methylpentyl ethylphosphonoflu...	196	C8H18FO2P	1000298-39-1	27
4	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	27
5	(1-Ethyl-propenyl)-dimethyl-amine	113	C7H15N	078733-73-0	22





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

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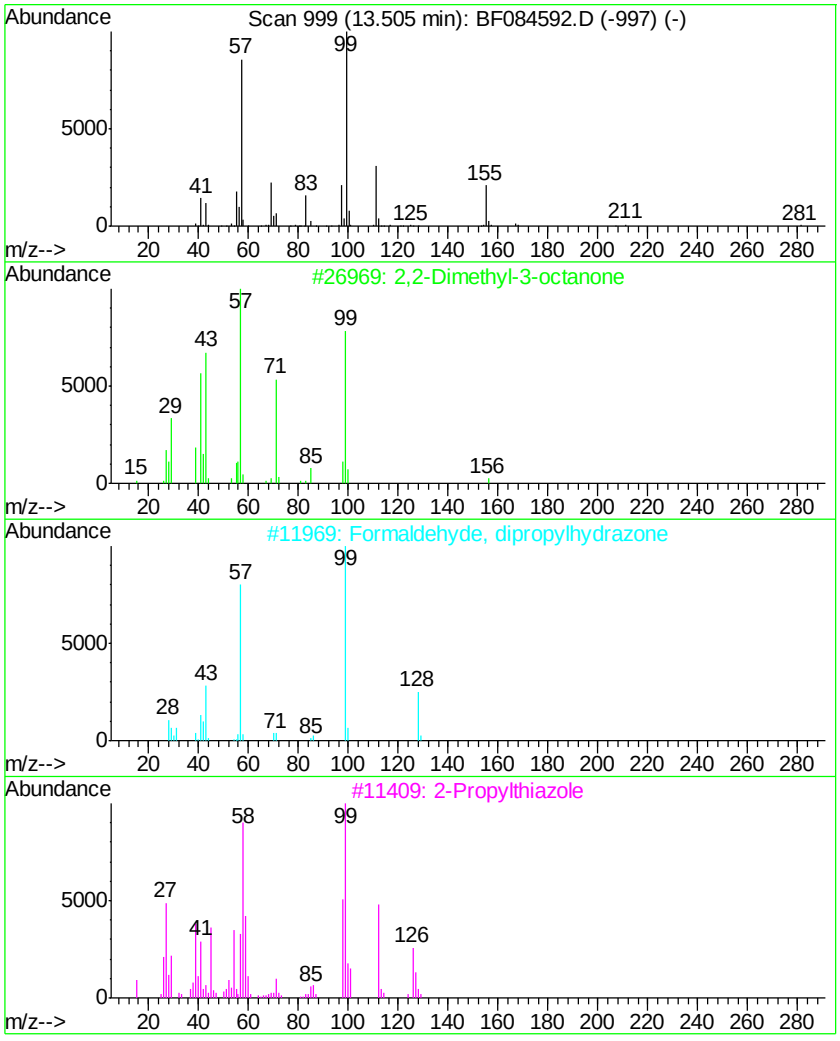
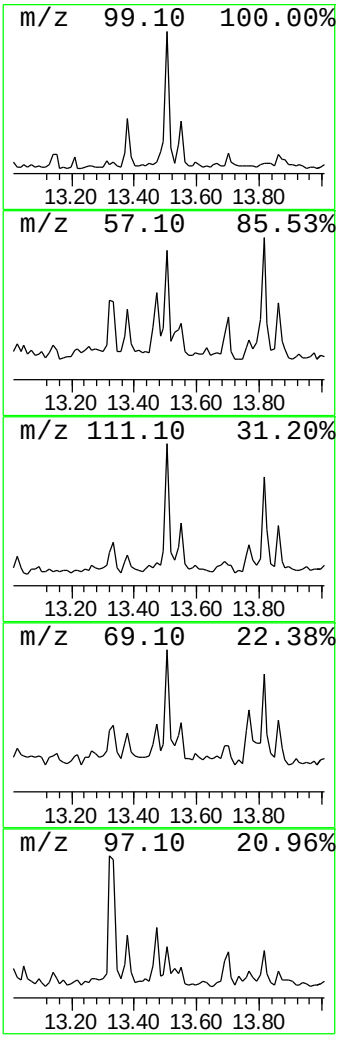
Peak Number 11 unknown13.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	6.25 ng	448666	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	43
2	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	37
3	2-Propylthiazole	127	C6H9NS	017626-75-4	35
4	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	28
5	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	28





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Sample : H1187-01
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ClientSampleId : P001-SS015-7278-02

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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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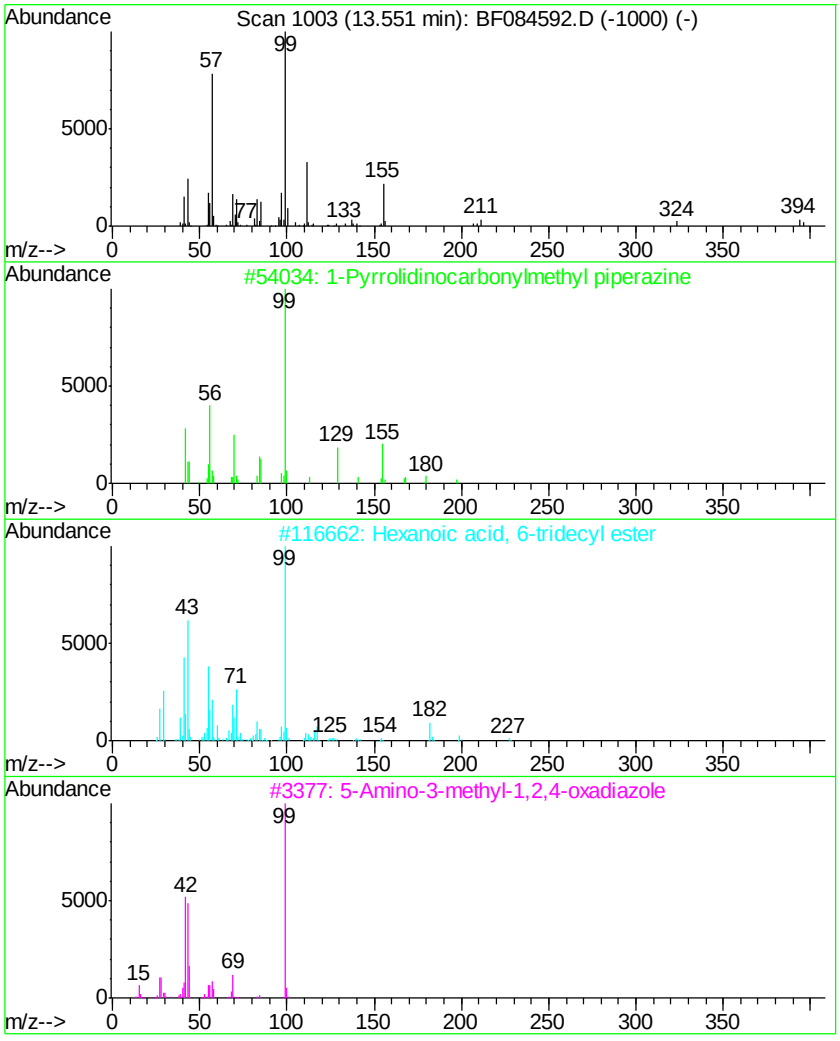
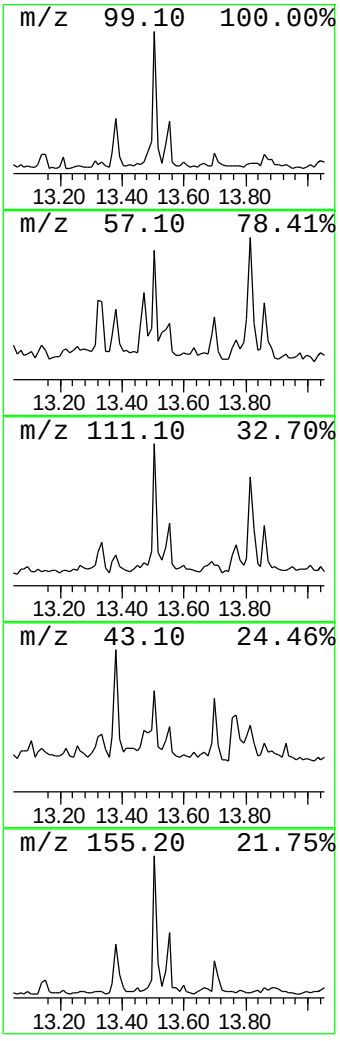
Peak Number 12 1-Pyrrolidinocarbonylmethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.84 ng	276016	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	53
2	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	43
3	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	43
4	2(3H)-Furanone, 5-ethyldihydro-5...	128	C7H12O2	002865-82-9	43
5	2-Propylthiazole	127	C6H9NS	017626-75-4	38





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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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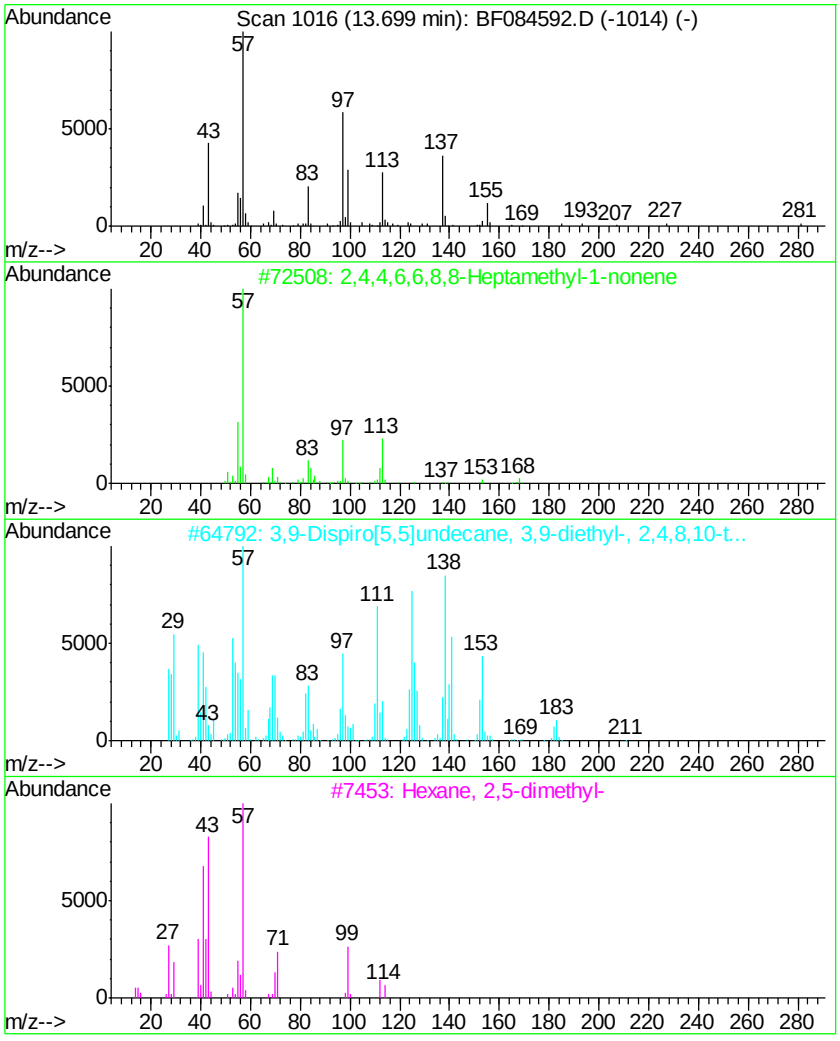
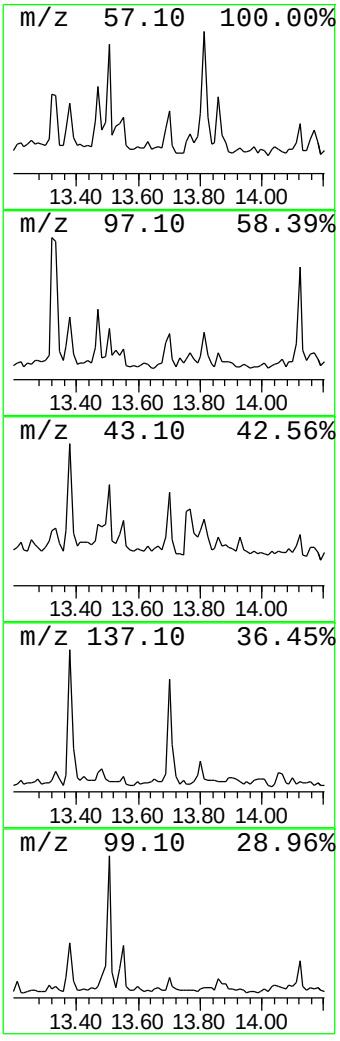
Peak Number 13 unknown13.70 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.08 ng	221331	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	25
2	3,9-Dispiro[5,5]undecane, 3,9-di...	212	C9H18B2O4	058163-67-0	23
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	10
4	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	10
5	1-Pentanol, 2,2,4-trimethyl-	130	C8H18O	000123-44-4	10





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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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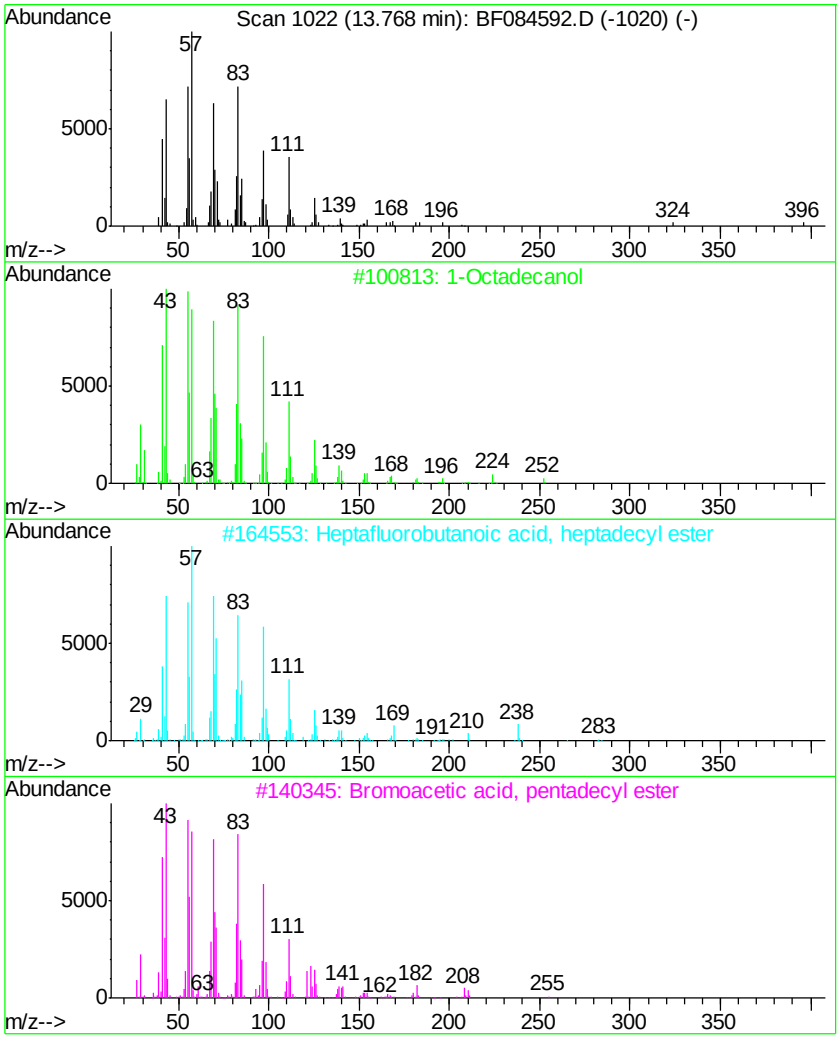
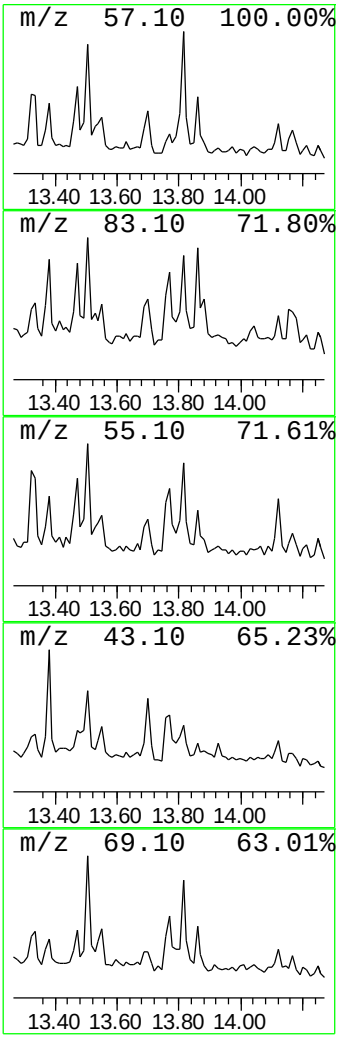
Peak Number 14 1-Octadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.91 ng	280811	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
4	1-Heptadecanol	256	C17H36O	001454-85-9	87
5	Cyclohexadecane	224	C16H32	000295-65-8	87





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Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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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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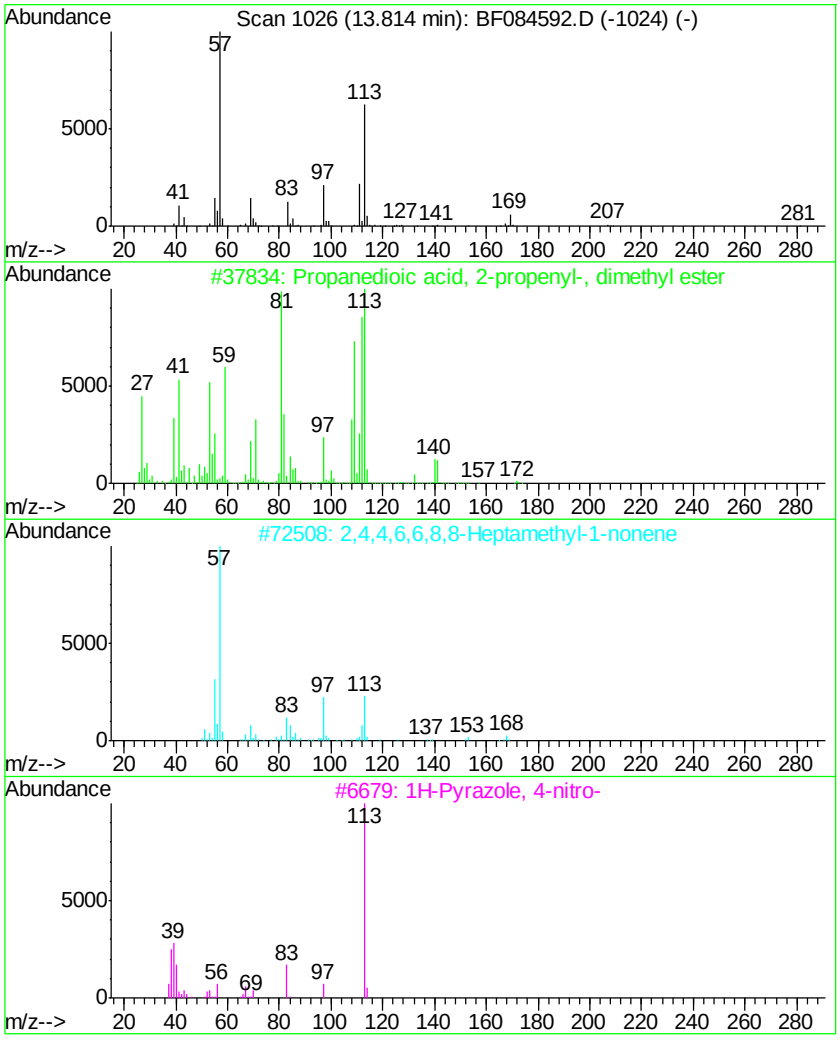
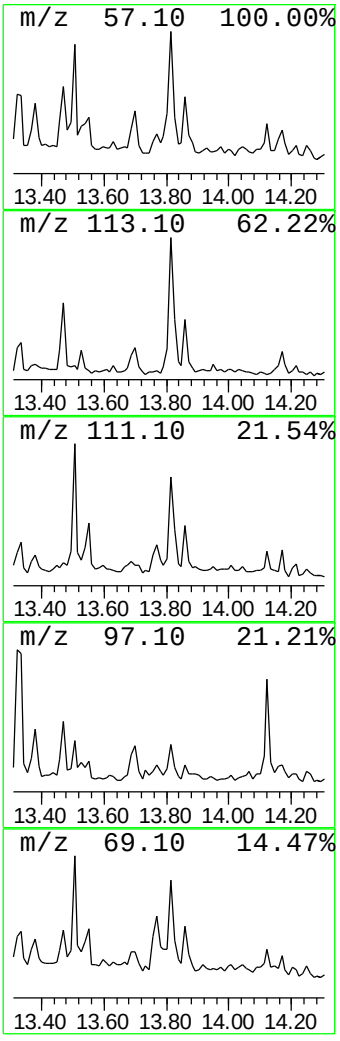
Peak Number 15 unknown13.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.12 ng	511507	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	49
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	28
3	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	27
4	1-Ethyl-2,2-dimethylpropyl ethyl...	210	C9H20FO2P	1000298-32-8	25
5	(1-Propoxy-pentyl)-cyclopropane	170	C11H22O	094883-97-3	16





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ClientSampleId : P001-SS015-7278-02

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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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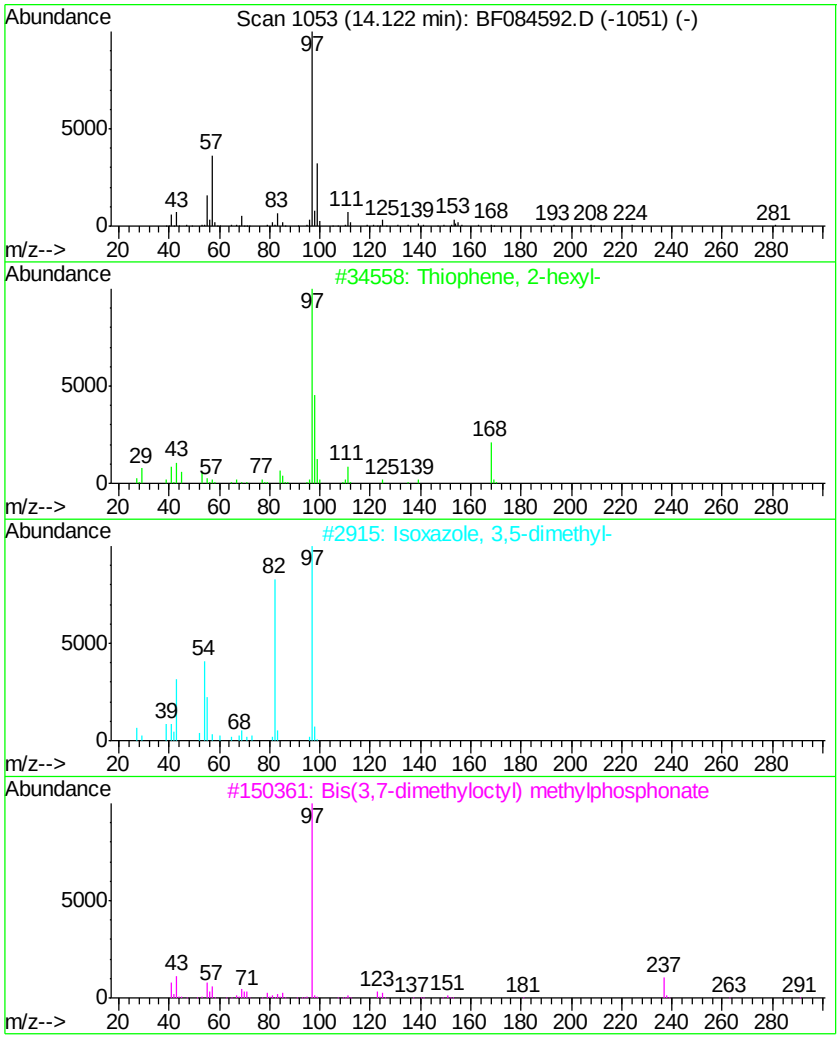
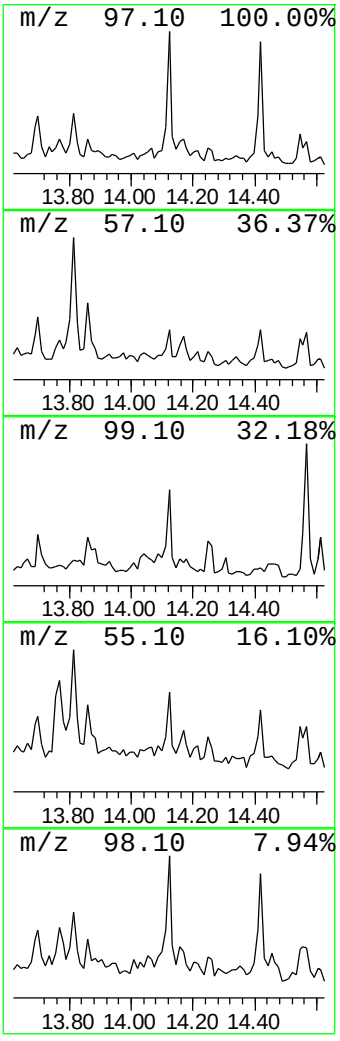
Peak Number 16 Thiophene, 2-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.79 ng	272520	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	53
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
3	Bis(3,7-dimethyloctyl) methylpho...	376	C21H45O3P	1000298-35-2	38
4	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	36
5	2-Thiophenylpropanoic acid, ,.ga...	232	C13H12O2S	051535-43-4	36





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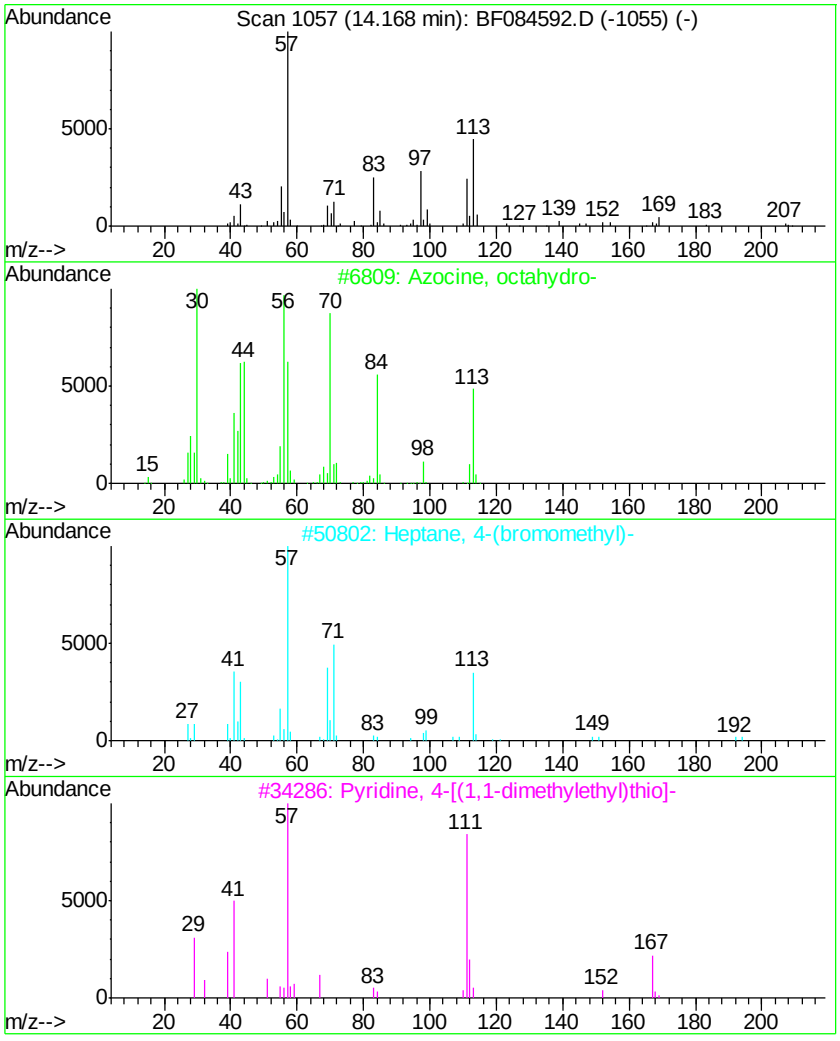
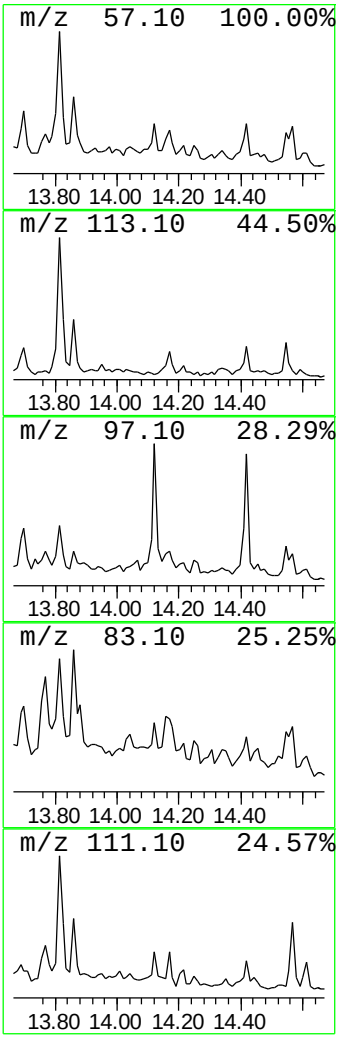
Peak Number 17 unknown14.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.89 ng	207260	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azocine, octahydro-	113	C7H15N	001121-92-2	35
2	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	32
3	Pyridine, 4-[(1,1-dimethylethyl)...	167	C9H13NS	018794-26-8	22
4	2-Methyl-4-decanone	170	C11H22O	006628-25-7	17
5	Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	12





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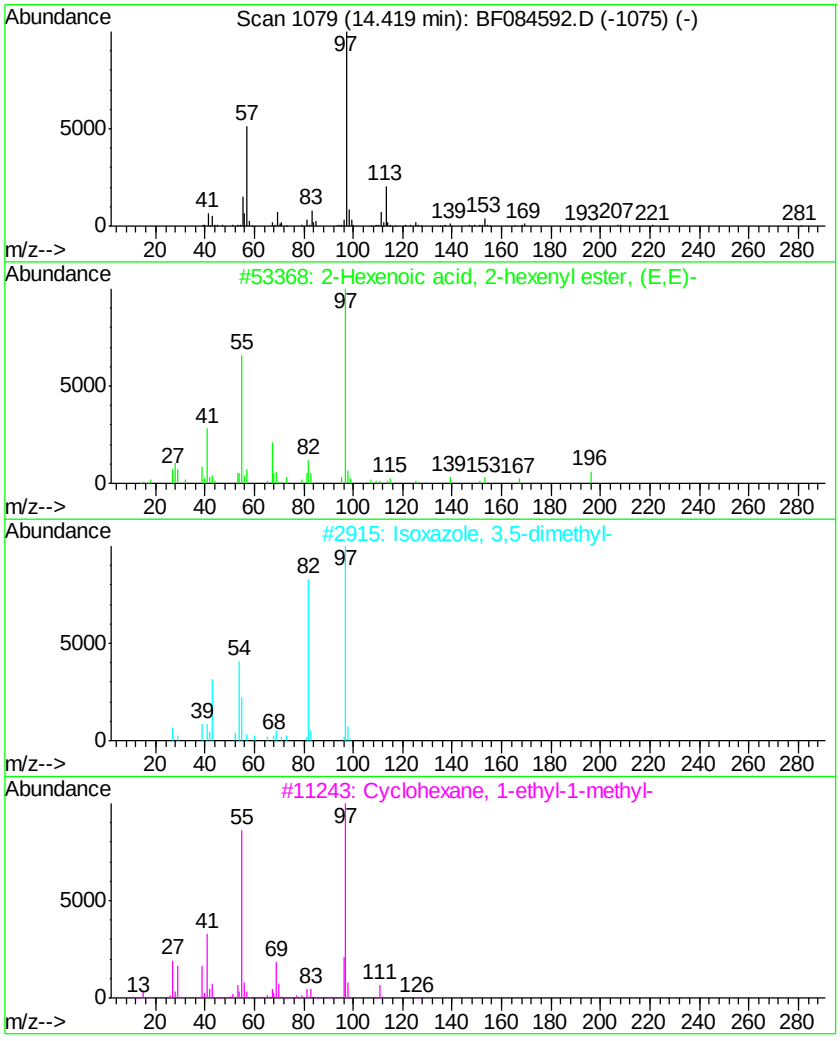
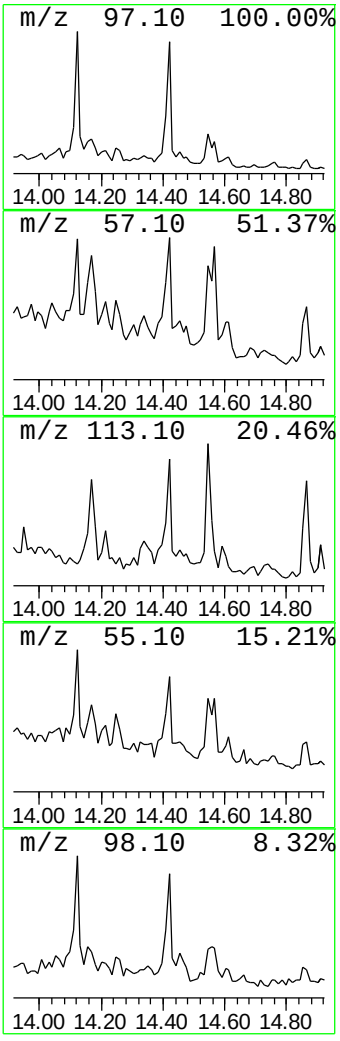
Peak Number 18 2-Hexenoic acid, 2-hexenyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.97 ng	284776	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	53
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
4	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	47
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	42





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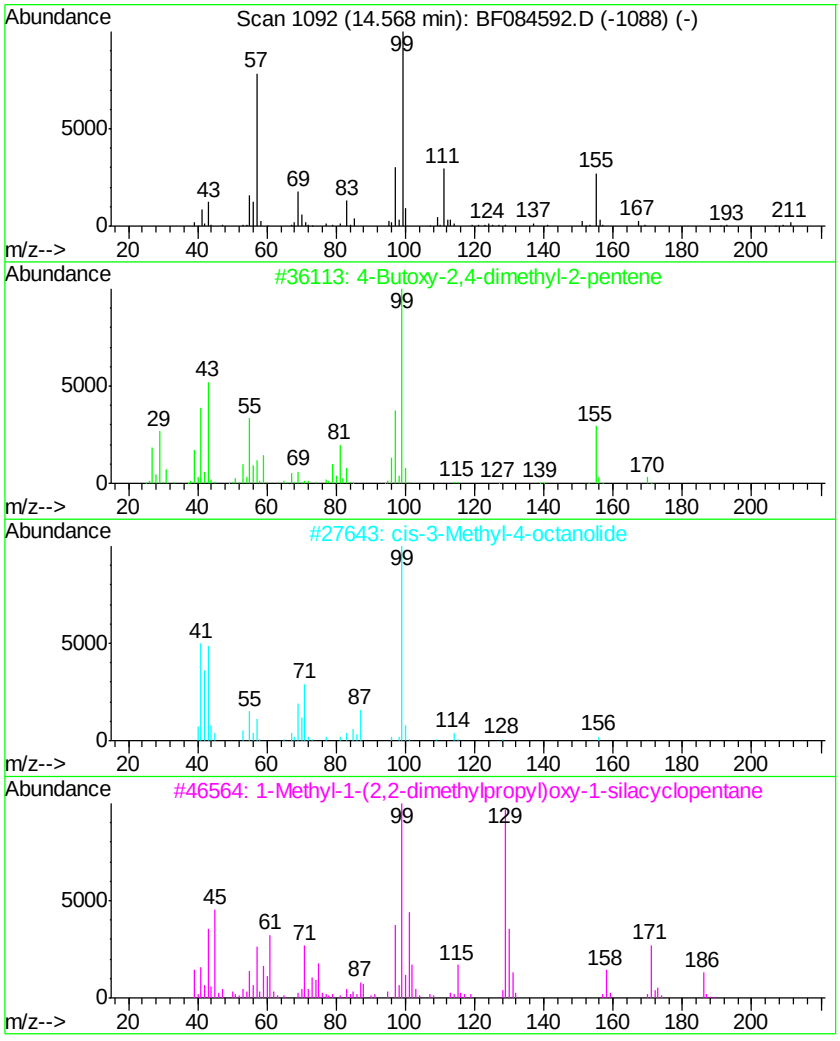
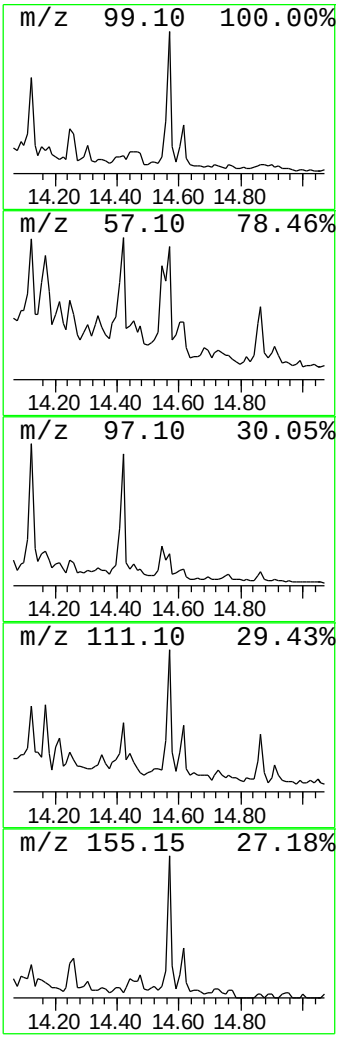
Peak Number 19 4-Butoxy-2,4-dimethyl-2-pen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.12 ng	367917	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	59
2	cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	37
3	1-Methyl-1-(2,2-dimethylpropyl)o...	186	C10H22OSi	1000216-96-9	37
4	(.+/-.)-Dethiobiotin	214	C10H18N2O3	000636-20-4	37
5	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084592.D
Acq On : 22 Jan 2016 16:32
Operator : SJ/IZ
Sample : H1187-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-02

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	4.8	ng	269761	1	6.74	1129580	20.0
2-Pentanone, 4-hy...	4.91	74.1	ng	4186000	1	6.74	1129580	20.0
2-Pentanone, 4-me...	5.74	4.4	ng	250589	1	6.74	1129580	20.0
unknown6.51	6.51	79.7	ng	4500290	1	6.74	1129580	20.0
Heptacosane	10.70	3.1	ng	262590	4	11.26	1711710	20.0
4-Undecen-6-one	13.00	3.3	ng	233319	5	13.90	1436280	20.0
Thiophene, 2-ethyl-	13.33	5.1	ng	367588	5	13.90	1436280	20.0
unknown13.38	13.38	3.8	ng	272409	5	13.90	1436280	20.0
2,4,4,6,6,8,8-Hep...	13.47	4.0	ng	290341	5	13.90	1436280	20.0
unknown13.51	13.51	6.3	ng	448666	5	13.90	1436280	20.0
1-Pyrrolidinocarb...	13.55	3.8	ng	276016	5	13.90	1436280	20.0
unknown13.70	13.70	3.1	ng	221331	5	13.90	1436280	20.0
1-Octadecanol	13.77	3.9	ng	280811	5	13.90	1436280	20.0
unknown13.81	13.81	7.1	ng	511507	5	13.90	1436280	20.0
Thiophene, 2-hexyl-	14.12	3.8	ng	272520	5	13.90	1436280	20.0
unknown14.17	14.17	2.9	ng	207260	5	13.90	1436280	20.0
2-Hexenoic acid, ...	14.42	4.0	ng	284776	5	13.90	1436280	20.0
4-Butoxy-2,4-dime...	14.57	5.1	ng	367917	5	13.90	1436280	20.0