LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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-BF012916.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	4.190	182	184	190	rBV	330403	424419	6.60%	0.624%
2	4.899	241	246	248	rBV	3096556	5248793	81.60%	7.721%
3	5.333	281	284	286	rBV	4588695	6264351	97.38%	9.215%
4	5.721	316	318	321	rVB	318191	333888	5.19%	0.491%
5	6.373	372	375	378	rBV	4727799	5423665	84.31%	7.979%
6	6.499	383	386	388	rVV	5631762	6432713	100.00%	9.463%
7	6.727	403	406	407	rBV	957831	1142130	17.76%	1.680%
8	6.876	417	419	422	rVB	3770531	4029111	62.63%	5.927%
9	7.299	452	456	458	rVB	2718433	4150396	64.52%	6.106%
10	7.413	464	466	468	rVV	102241	137594	2.14%	0.202%
11	7.527	471	476	482	rVB4	34104	105470	1.64%	0.155%
12	7.642	482	486	489	rBV3	41381	86015	1.34%	0.127%
13	7.756	493	496	500	rVB2	61388	119803	1.86%	0.176%
14	8.007	516	518	520	rBV	1849656	1589154	24.70%	2.338%
15	8.087	522	525	528	rVB	79584	122691	1.91%	0.180%
16	8.213	531	536	538	rBV4	44505	117708	1.83%	0.173%
17	8.305	542	544	548	rVB5	43460	100172	1.56%	0.147%
18	8.442	554	556	560	rVB	143630	183941	2.86%	0.271%
19	8.556	564	566	569	rVV4	28721	66075	1.03%	0.097%
20	8.613	569	571	573	rVV3	51356	94335	1.47%	0.139%
21	8.705	577	579	581	rVB	62942	80051	1.24%	0.118%
22	8.819	586	589	594	rVB4	70010	153050	2.38%	0.225%
23	8.922	594	598	599	rBV4	52495	125520	1.95%	0.185%
24	9.036	606	608	610	rBV2	129841	171213	2.66%	0.252%
25	9.093	610	613	615	rVB	5444095	5978042	92.93%	8.794%
26	9.173	617	620	622	rBV3	113287	218513	3.40%	0.321%
27	9.219	622	624	628	rVV3	47355	126387	1.96%	0.186%
28	9.276	628	629	632	rVB	46654	66746	1.04%	0.098%
29	9.345	632	635	638	rBV2	128910	203446	3.16%	0.299%
30	9.425	638	642	645	rBV3	169353	365251	5.68%	0.537%
31	9.482	645	647	649	rVV2	892968	1239531	19.27%	1.823%
32	9.539	651	652	654	rVB2	73278	95772	1.49%	0.141%
33	9.699	665	666	668	rBV	137303	170374	2.65%	0.251%
34	9.756	668	671	673	rBV2	1684106	1833279	28.50%	2.697%

LSC Area Percent Report

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Data File : BF084673.D
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Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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-BF012916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.870	679	681	683	rVB2	104765	167490	2.60%	0.246%
36	9.939	683	687	688	rBV3	79451	190198	2.96%	0.280%
37	9.962	688	689	691	rVV	188693	174412	2.71%	0.257%
38	9.996	691	692	694	rVV	59142	101129	1.57%	0.149%
39	10.030	694	695	697	rVB2	115476	93705	1.46%	0.138%
40	10.076	697	699	700	rBV2	91137	106160	1.65%	0.156%
41	10.168	705	707	708	rVV2	64036	115080	1.79%	0.169%
42	10.202	708	710	712	rVV	282698	269862	4.20%	0.397%
43	10.259	712	715	717	rVB3	54841	122026	1.90%	0.180%
44	10.305	717	719	720	rBV2	71939	86825	1.35%	0.128%
45	10.419	727	729	732	rVB	303292	321286	4.99%	0.473%
46	10.476	732	734	735	rVB	77622	96158	1.49%	0.141%
47	10.510	735	737	738	rBV	54138	78230	1.22%	0.115%
48	10.545	738	740	742	rBV2	3365954	4281846	66.56%	6.299%
49	10.579	742	743	746	rVB3	60076	79044	1.23%	0.116%
50	10.682	750	752	755	rBV	386141	759131	11.80%	1.117%
51	10.876	764	769	773	rBV6	111059	243537	3.79%	0.358%
52	11.002	778	780	783	rVB3	64650	91877	1.43%	0.135%
53	11.116	789	790	792	rBV	150756	205553	3.20%	0.302%
54	11.151	792	793	796	rVB	347357	308019	4.79%	0.453%
55	11.242	799	801	802	rBV	1577965	1660982	25.82%	2.443%
56	11.299	804	806	808	rVB2	51692	75646	1.18%	0.111%
57	11.356	808	811	813	rBV3	38145	77698	1.21%	0.114%
58	11.505	822	824	826	rVB	54557	69757	1.08%	0.103%
59	11.551	826	828	831	rBV2	96733	141904	2.21%	0.209%
60	11.733	843	844	846	rBV2	53452	71521	1.11%	0.105%
61	11.768	846	847	852	rVV2	85032	187053	2.91%	0.275%
62	11.848	852	854	855	rVV2	53773	76210	1.18%	0.112%
63	11.951	859	863	867	rBV4	81688	181892	2.83%	0.268%
64	12.236	885	888	889	rVB3	53583	90854	1.41%	0.134%
65	12.282	891	892	896	rVB3	60014	105493	1.64%	0.155%
66	12.659	923	925	927	rVB2	282542	234314	3.64%	0.345%
67	12.739	930	932	933	rVB	61513	67636	1.05%	0.099%
68	12.831	937	940	942	rBV	6063002	6293120	97.83%	9.258%
69	13.368	984	987	988	rBV	121175	163397	2.54%	0.240%
70	13.402	988	990	995	rVB2	30572	78551	1.22%	0.116%
71	13.745	1017	1020	1028	rBV	237871	688789	10.71%	1.013%

LSC Area Percent Report

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Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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-BF012916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.871	1028	1031	1033	rVB	1382831	1478491	22.98%	2.175%
73	14.717	1103	1105	1108	rBV	166193	168235	2.62%	0.247%
74	15.254	1149	1152	1154	rBV	835116	1033107	16.06%	1.520%
75	15.802	1194	1200	1207	rBV9	28803	142148	2.21%	0.209%

Sum of corrected areas: 67977965

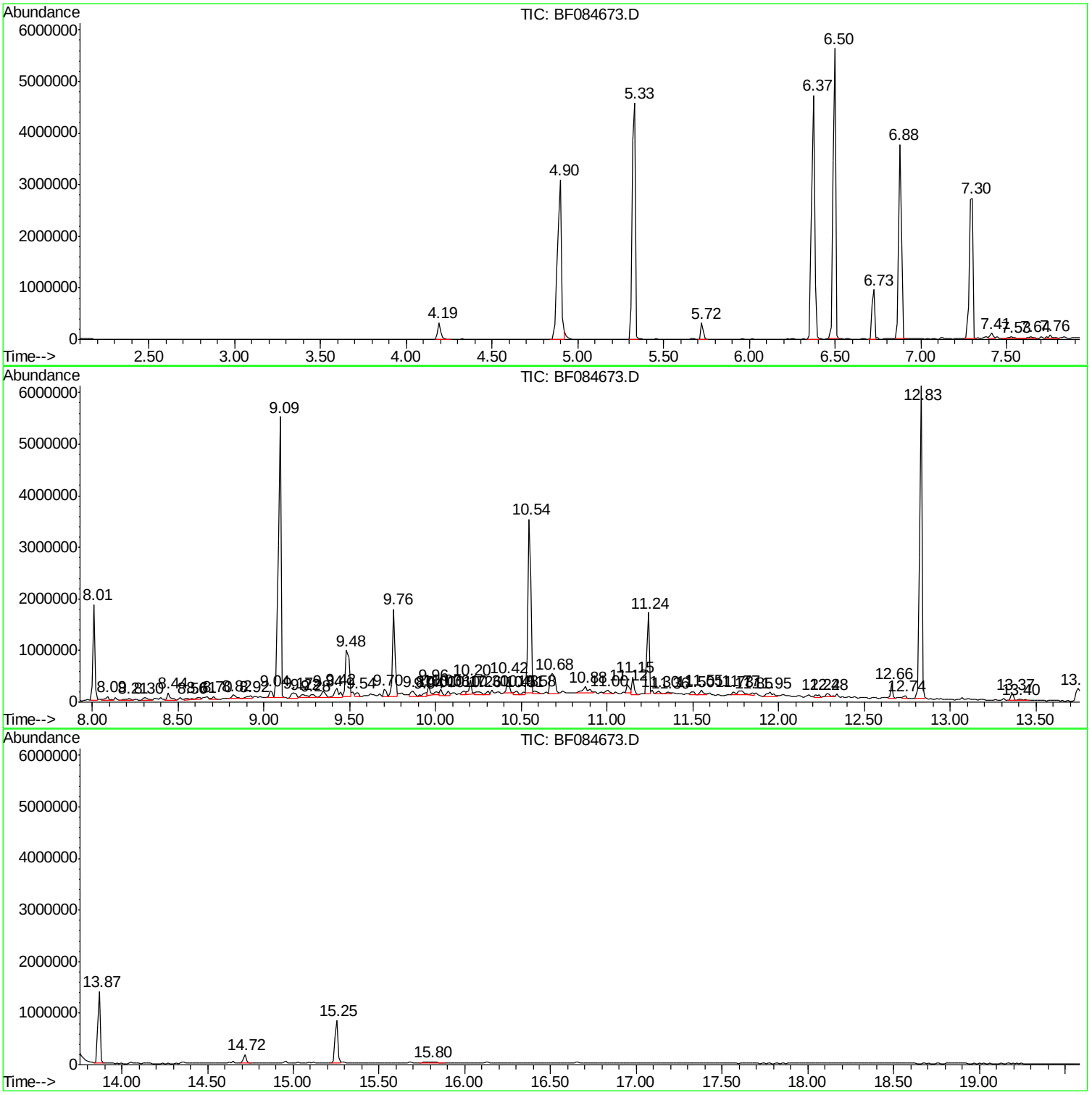
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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\BF013016\
Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

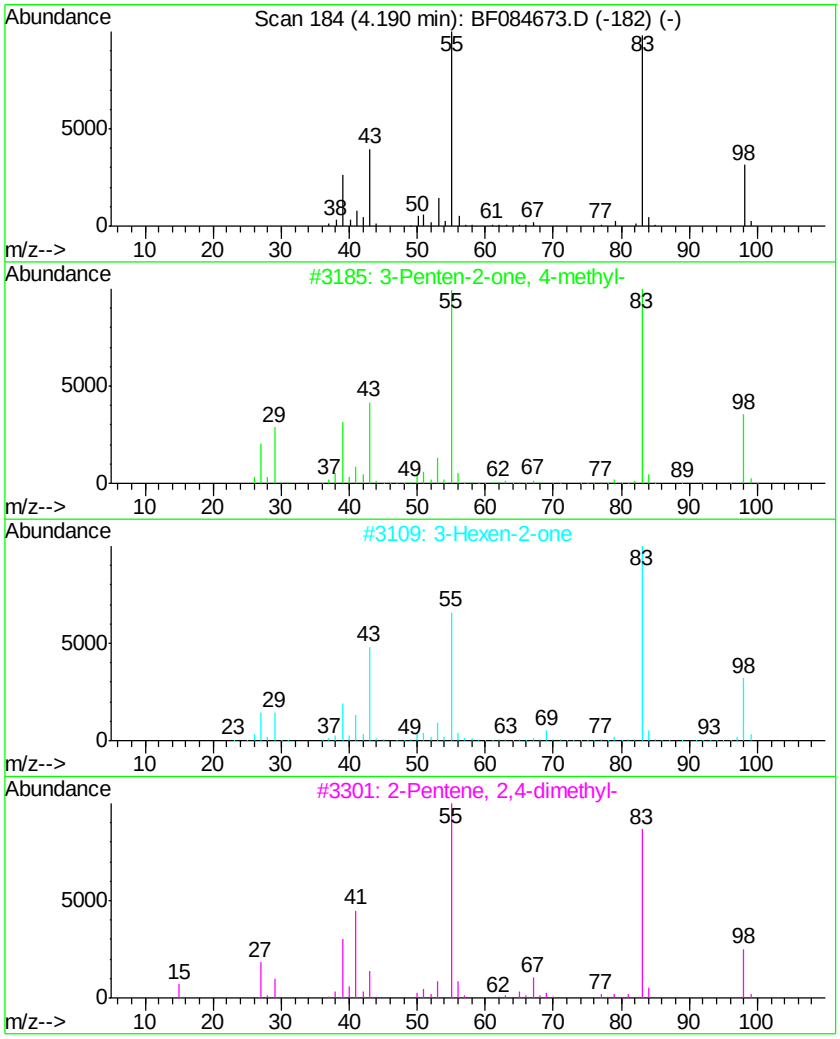
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

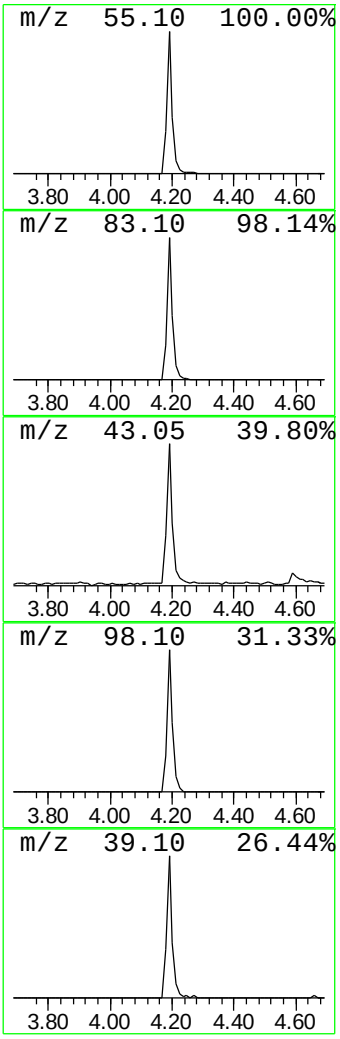
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	7.43 ng	424419	1,4-Dichlorobenzene-d4	6.73

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, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

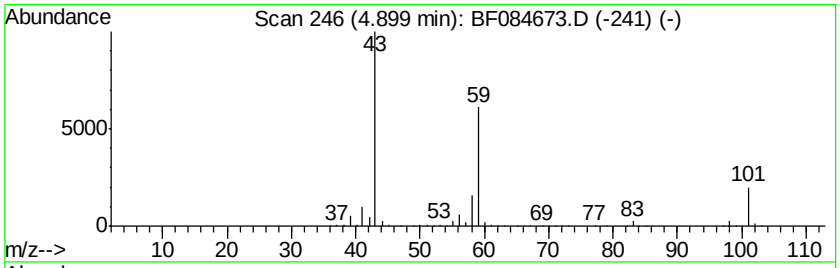
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

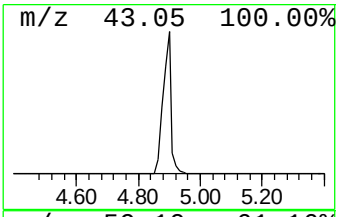
****

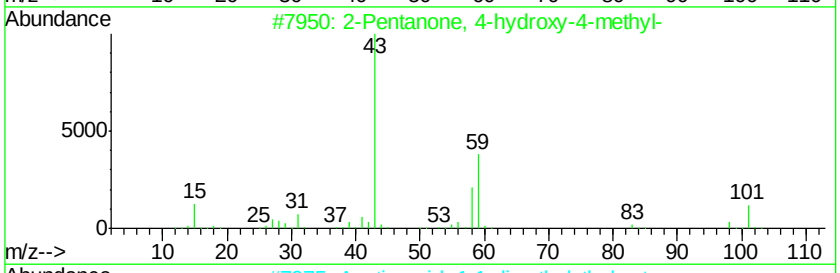
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

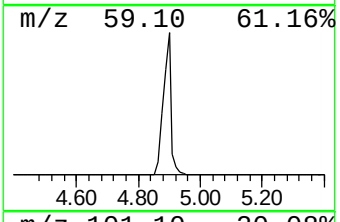
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	91.91 ng	5248790	1,4-Dichlorobenzene-d4	6.73

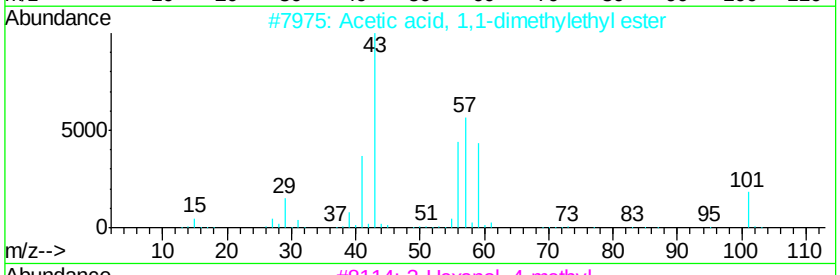
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

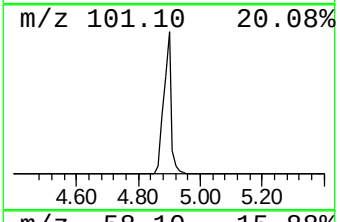


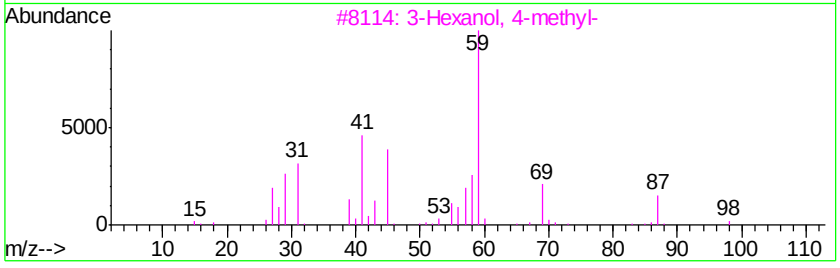


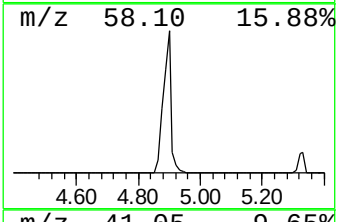


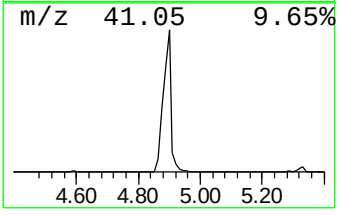












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
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Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

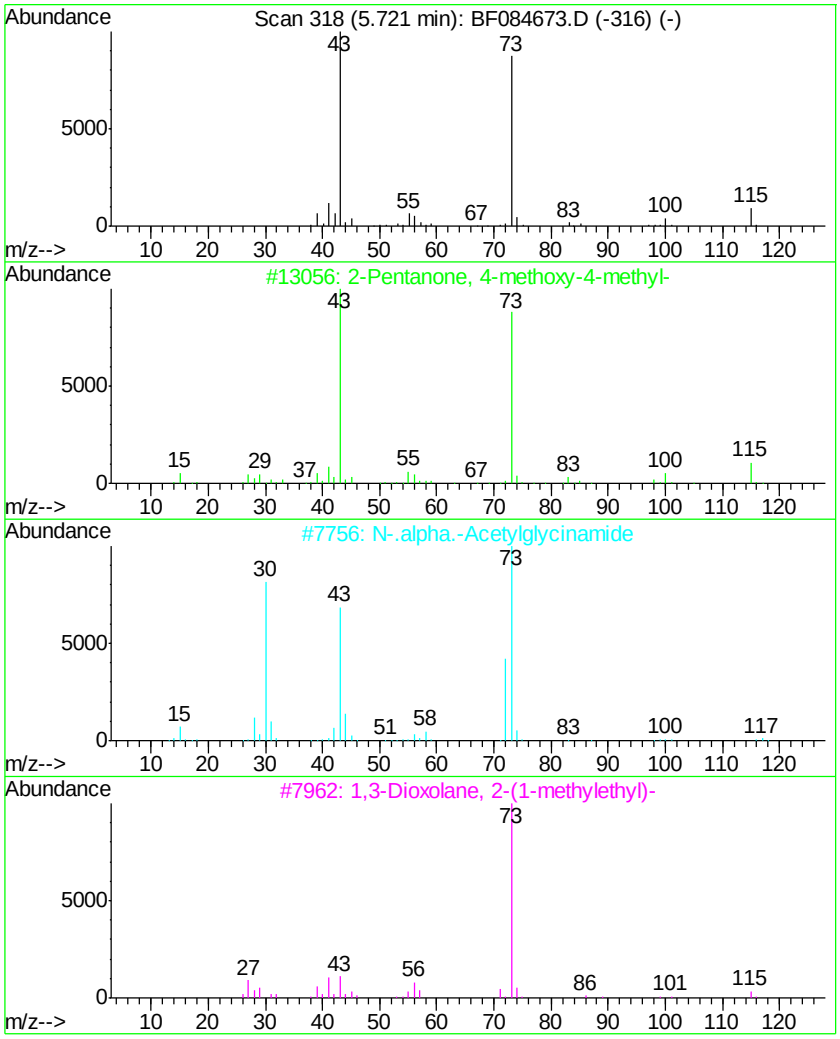
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

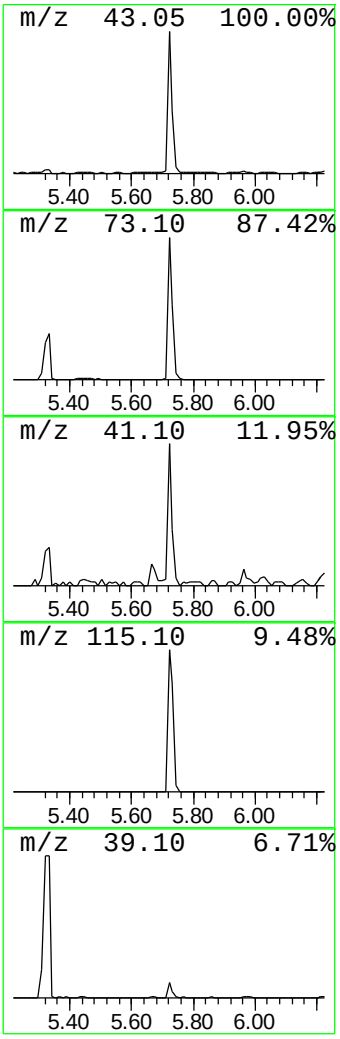
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	5.85 ng	333888	1,4-Dichlorobenzene-d4	6.73

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	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9





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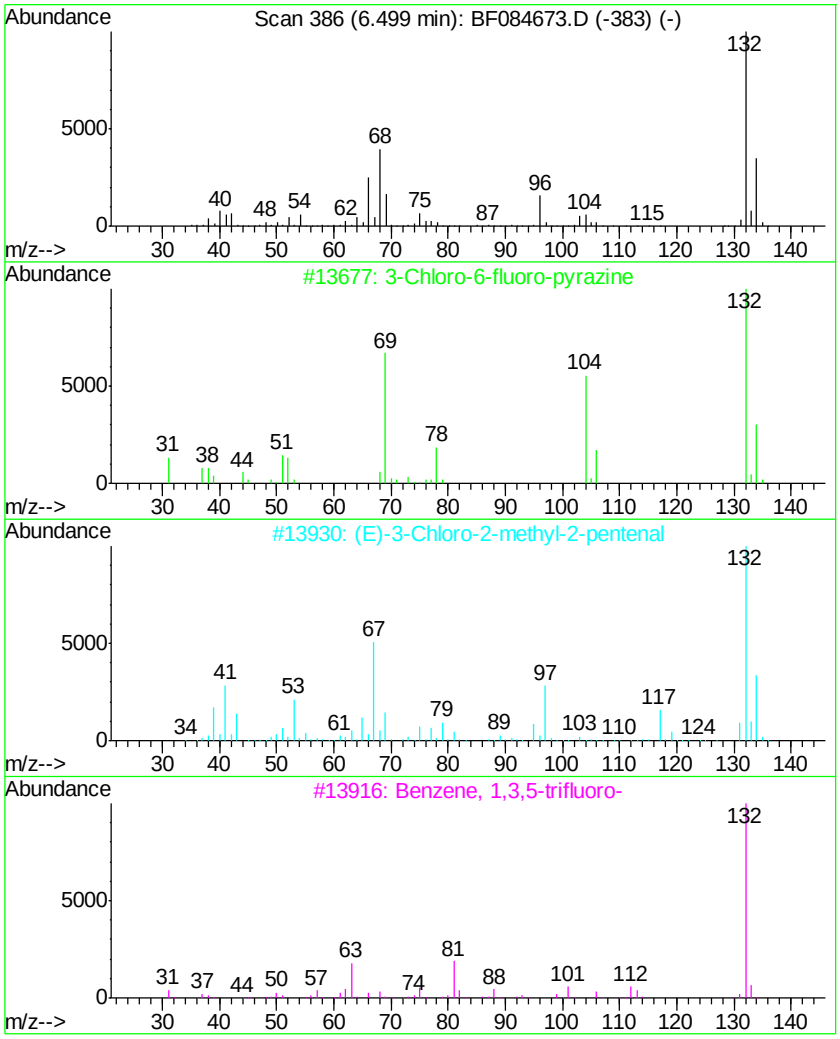
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

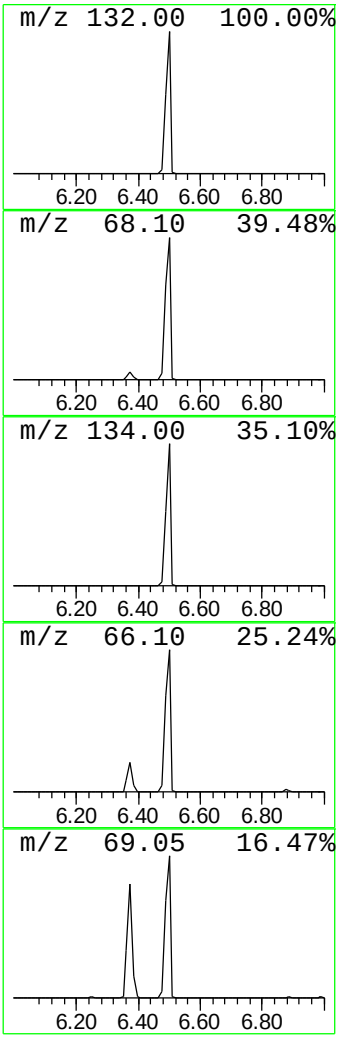
****

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	112.64 ng	6432710	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
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Sample : H1303-07
Misc :
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Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

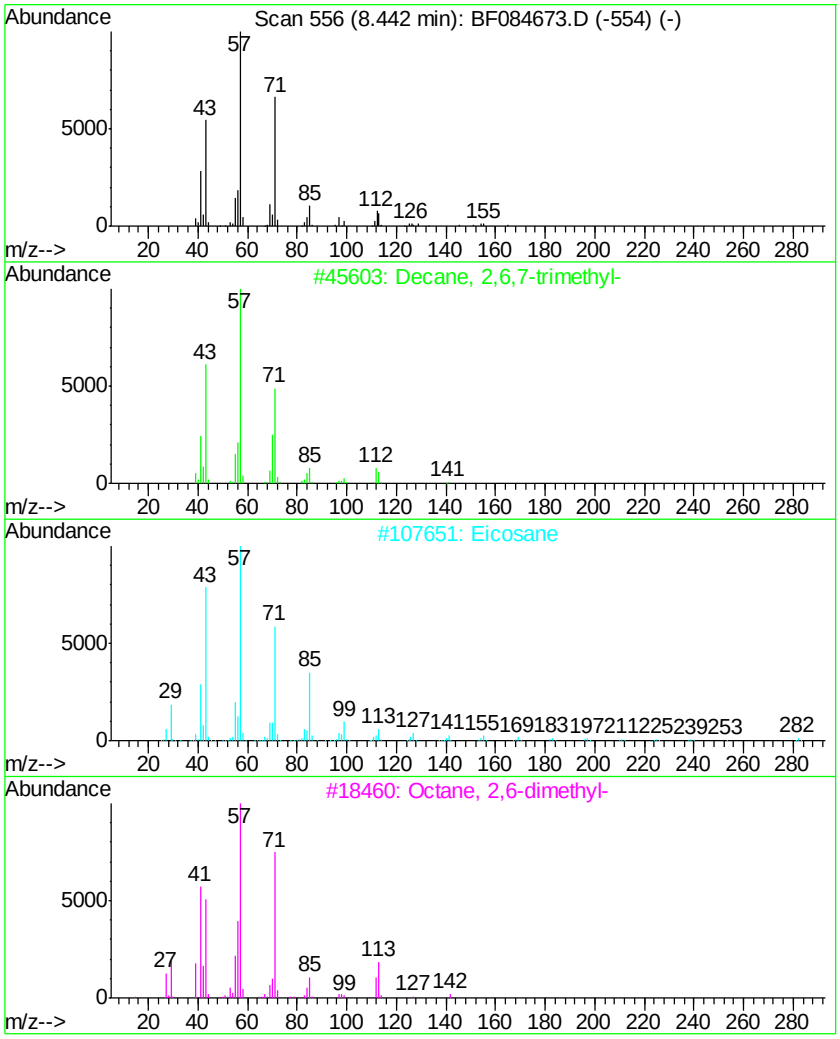
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

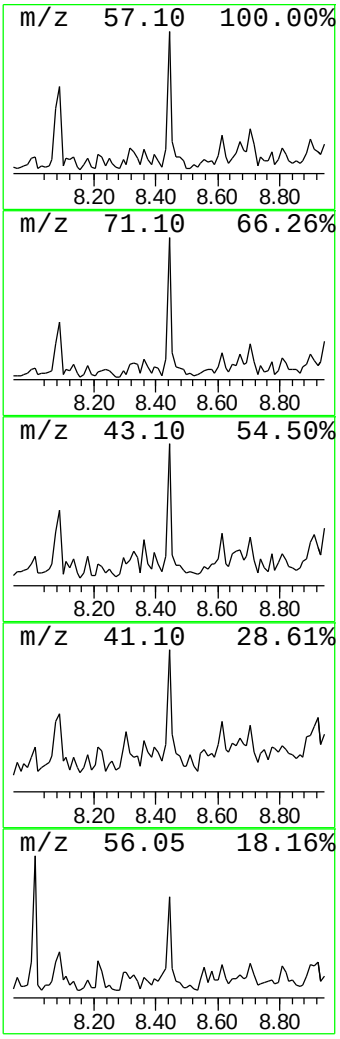
****

Peak Number 6 Decane, 2,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.31 ng	183941	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Eicosane	282	C20H42	000112-95-8	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4	Heptacosane	380	C27H56	000593-49-7	59
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53





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Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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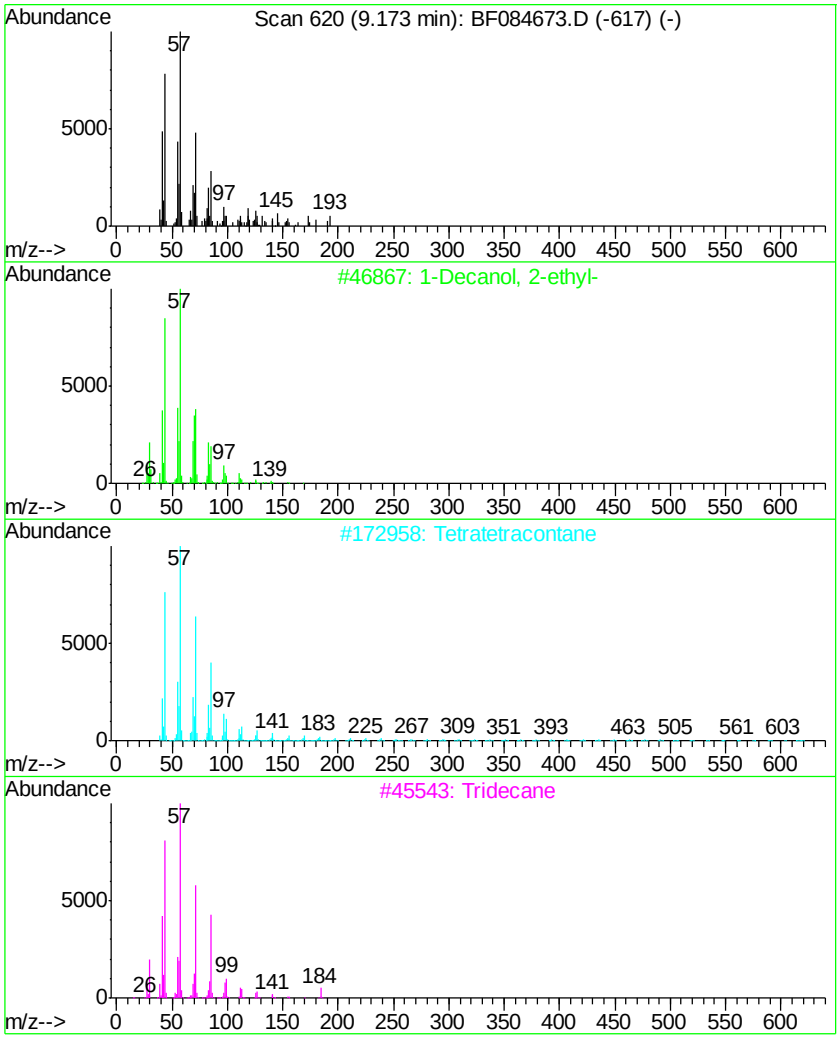
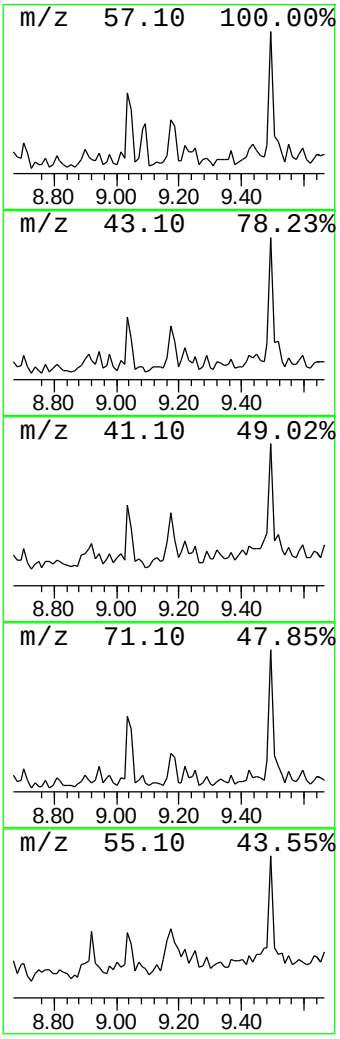
Peak Number 7 1-Decanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.38 ng	218513	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	59
2	Tetratetracontane	619	C44H90	007098-22-8	53
3	Tridecane	184	C13H28	000629-50-5	52
4	Tetradecane	198	C14H30	000629-59-4	52
5	Eicosane	282	C20H42	000112-95-8	50





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Sample : H1303-07
Misc :
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Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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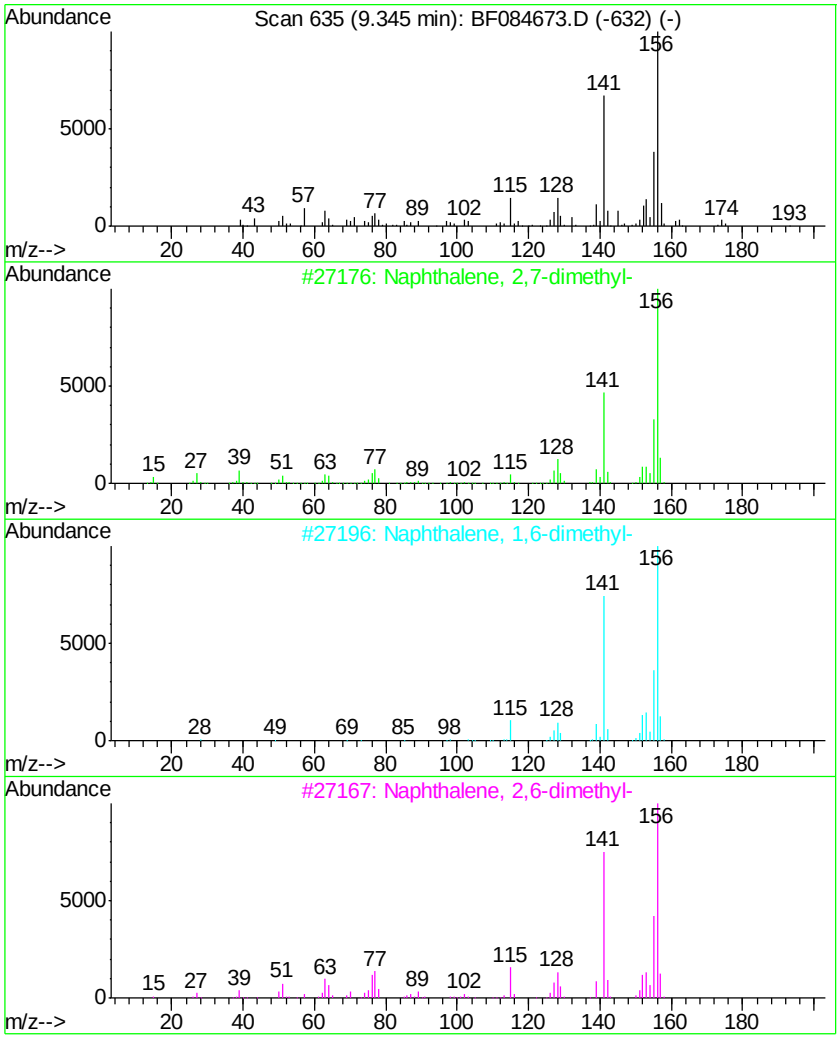
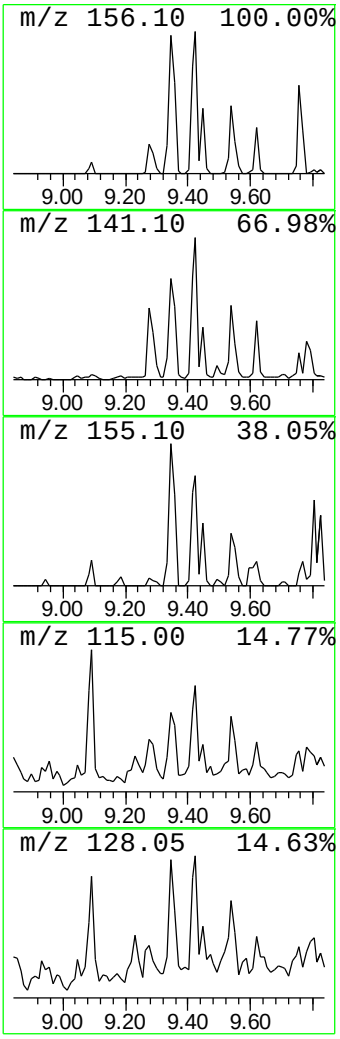
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.22 ng	203446	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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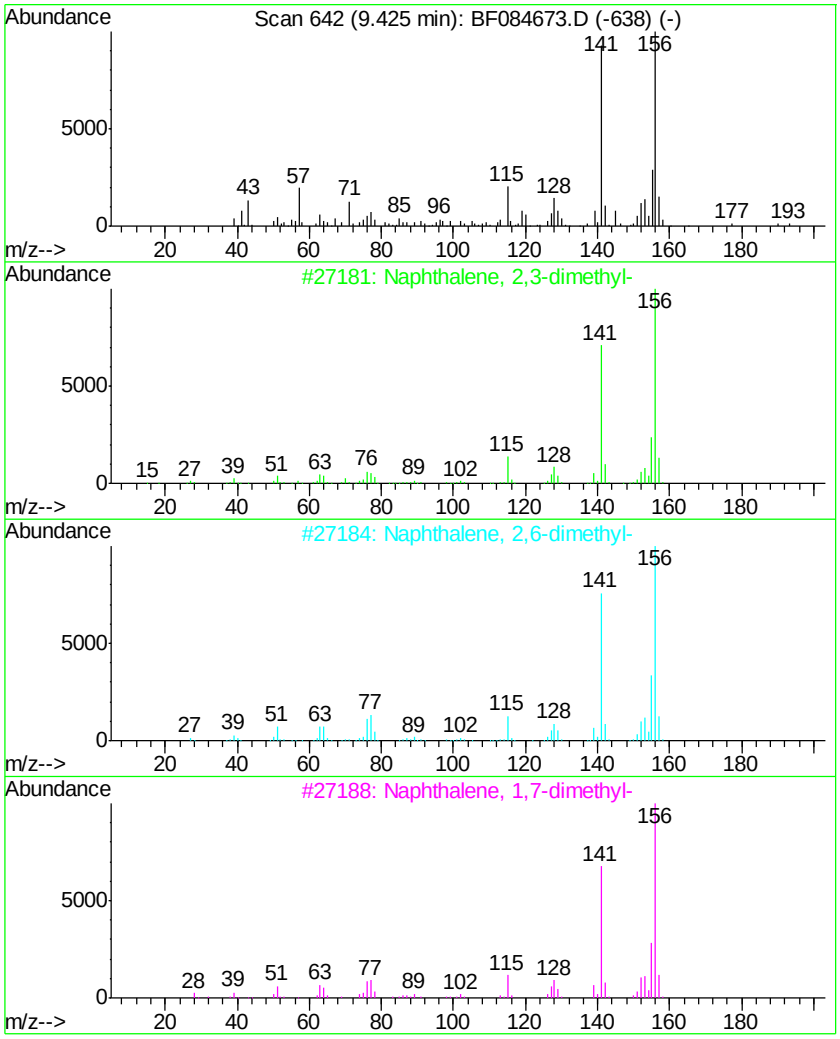
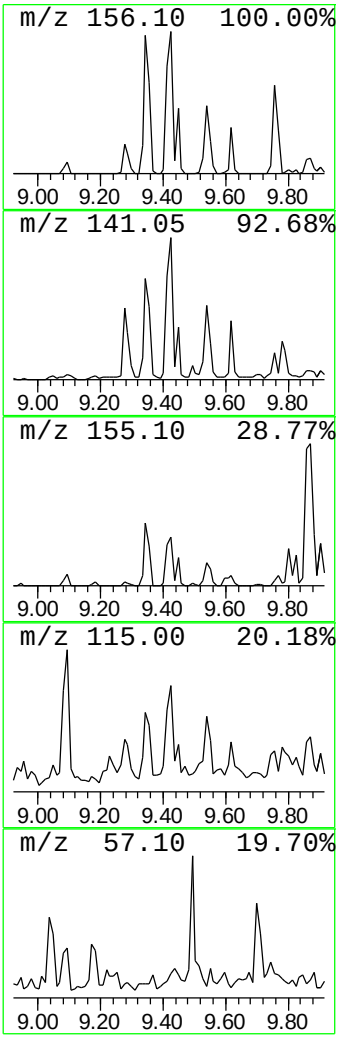
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.98 ng	365251	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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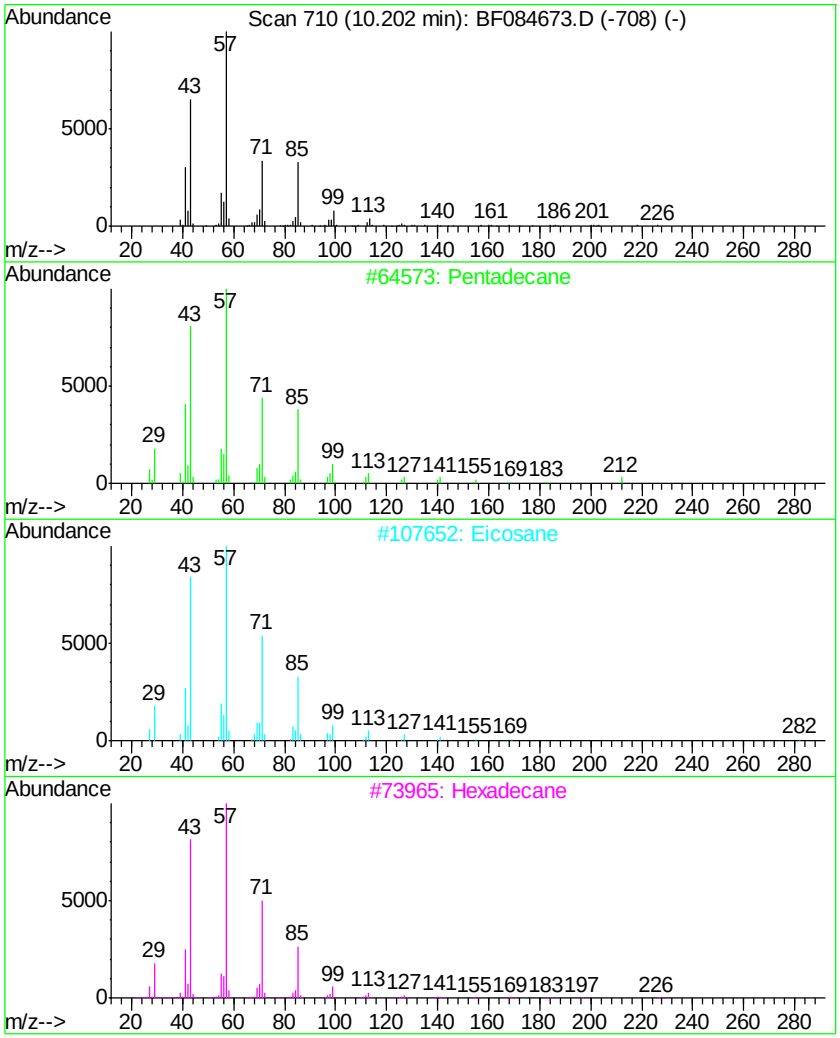
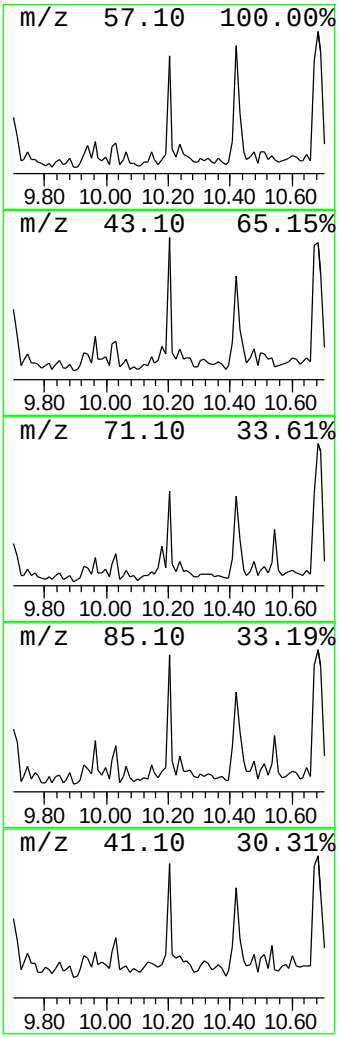
Peak Number 10 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.94 ng	269862	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Eicosane	282	C20H42	000112-95-8	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





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Acq On : 30 Jan 2016 9:18
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Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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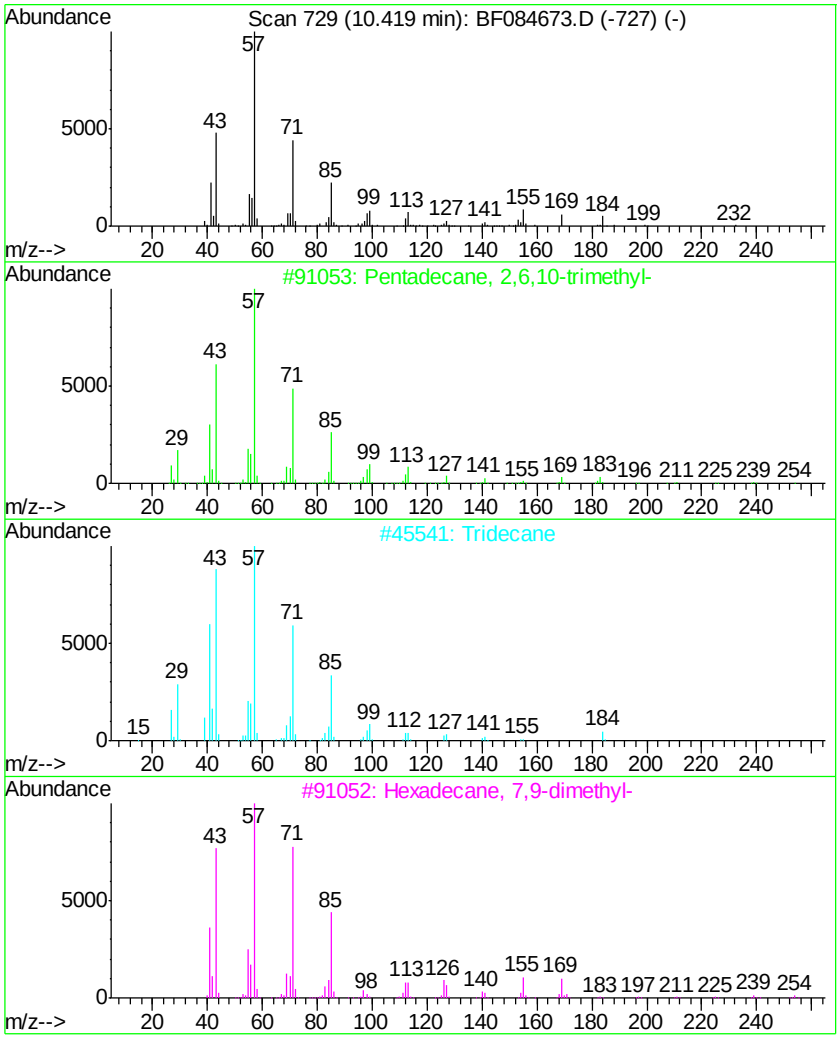
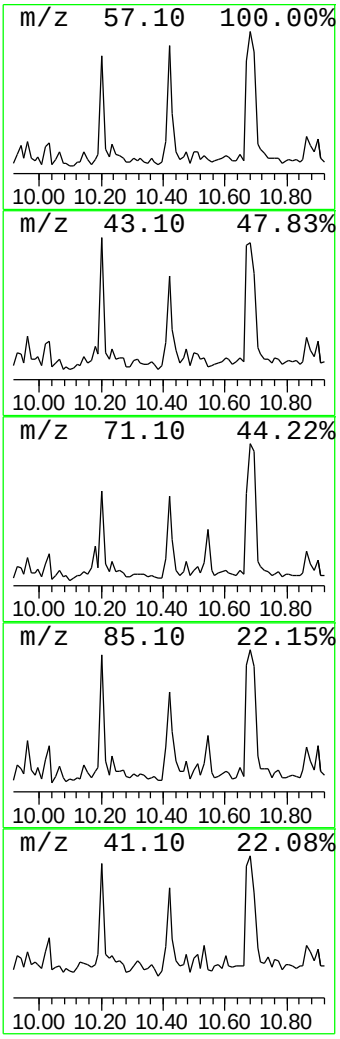
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.51 ng	321286	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Tridecane	184	C13H28	000629-50-5	76
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4	Dodecane	170	C12H26	000112-40-3	64
5	Eicosane	282	C20H42	000112-95-8	64





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Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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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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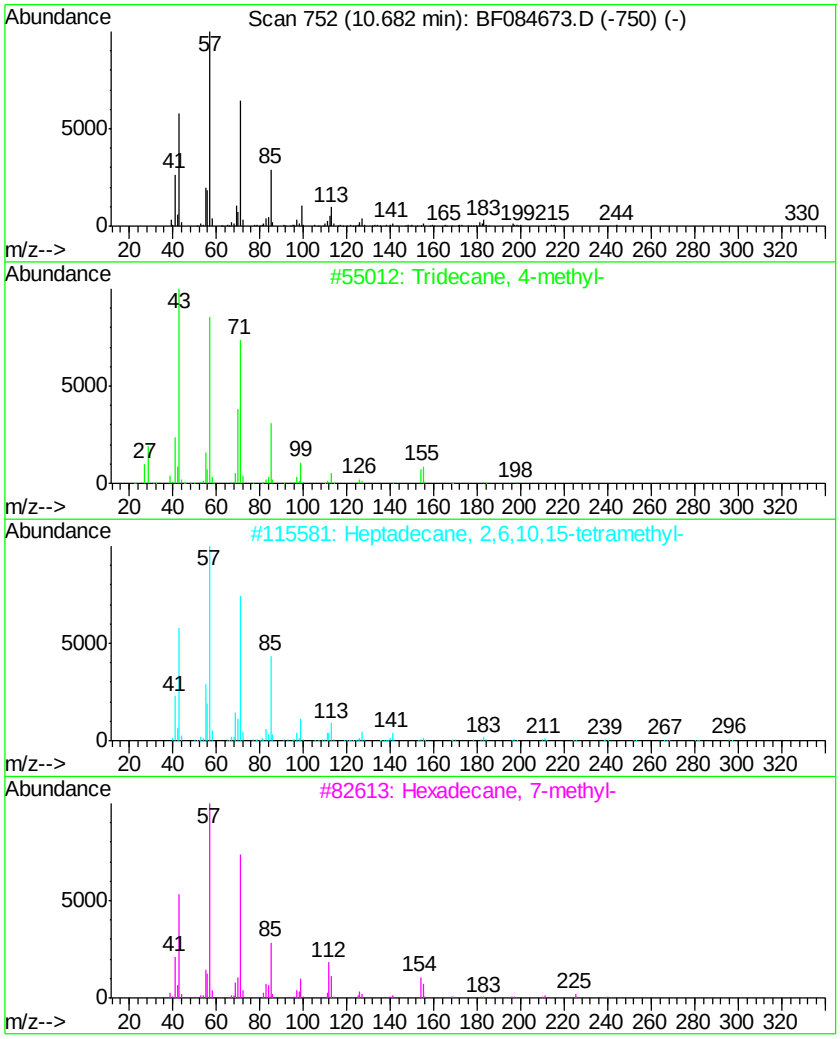
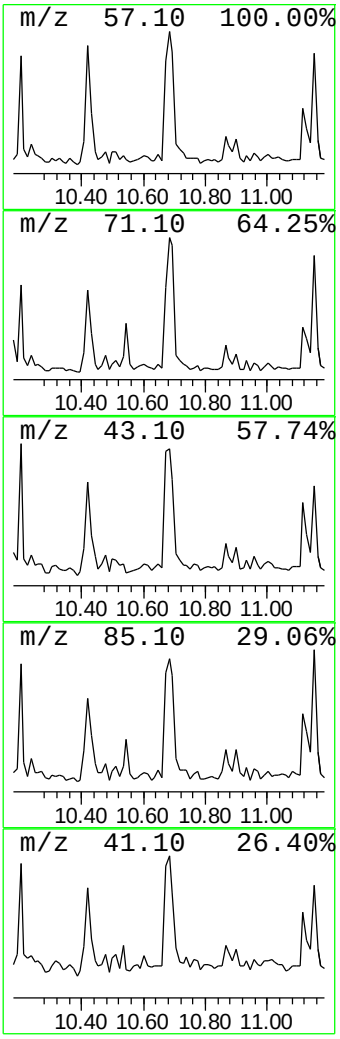
Peak Number 12 Tridecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.14 ng	759131	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78





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Sample : H1303-07
Misc :
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Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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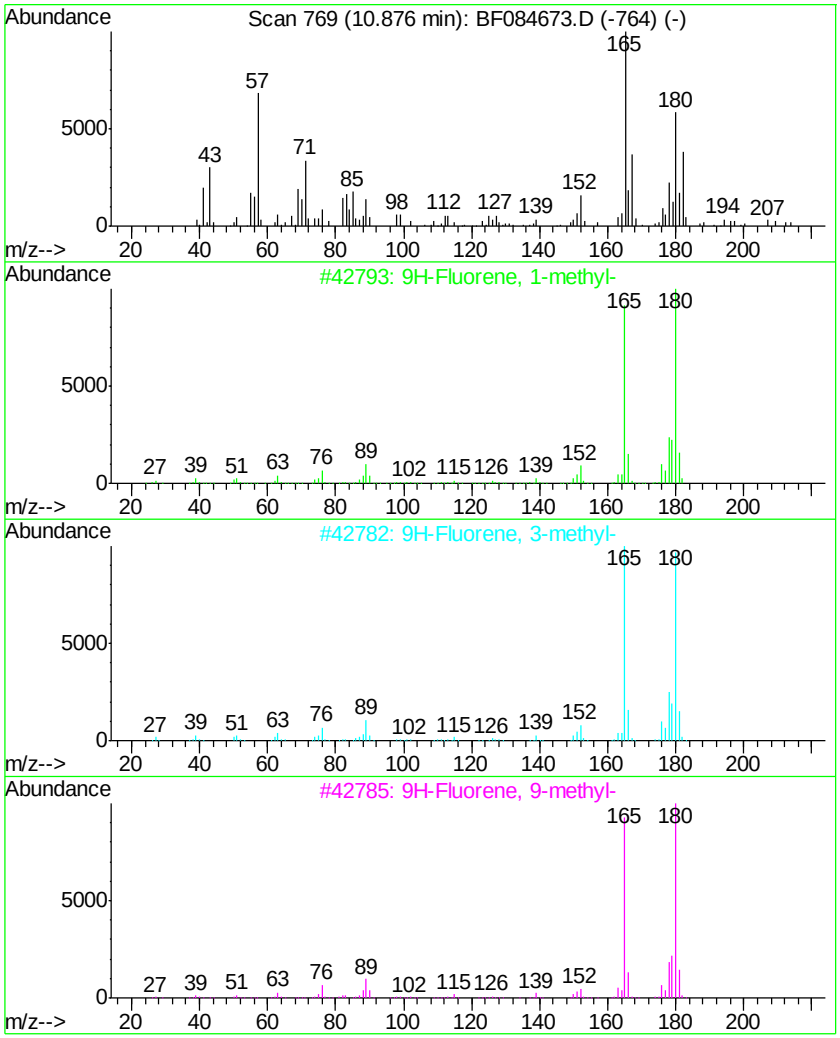
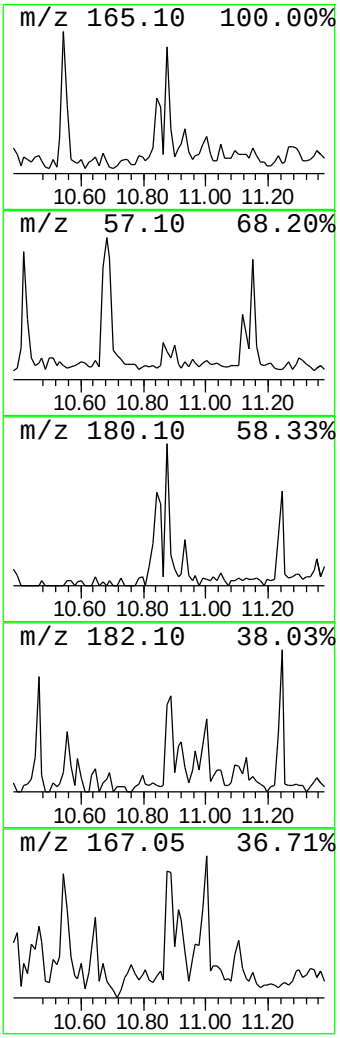
Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.93 ng	243537	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
5	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	49





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Misc :
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Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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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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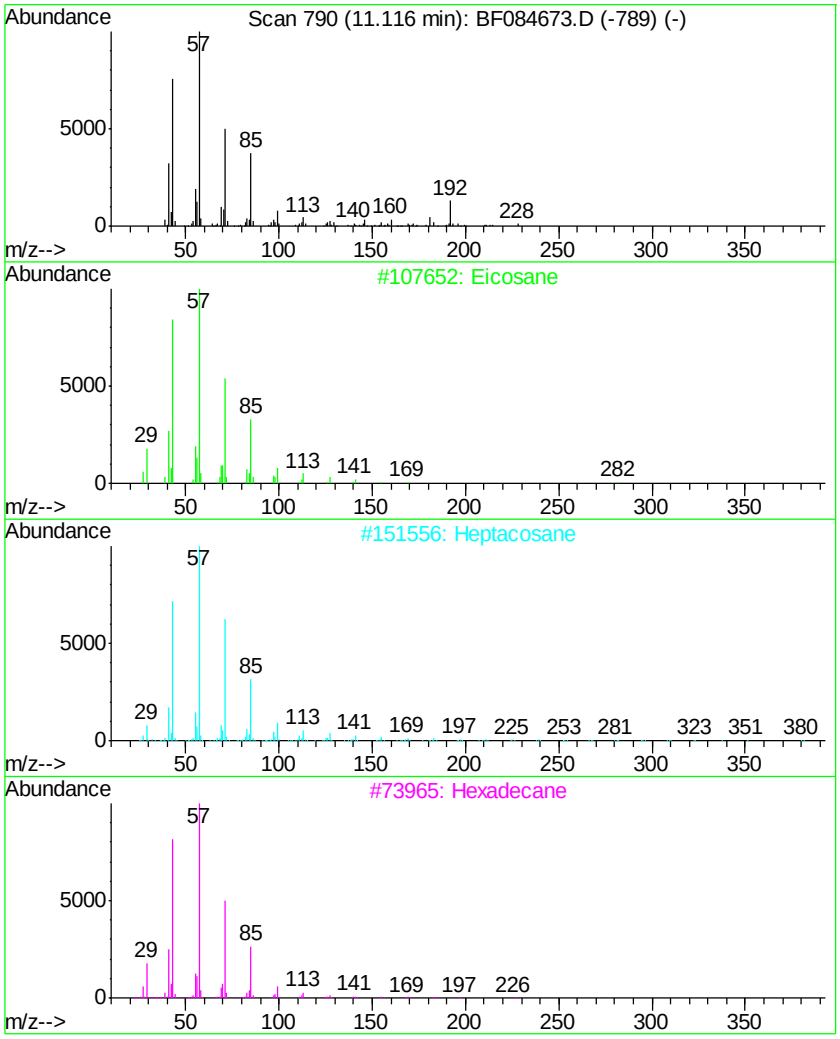
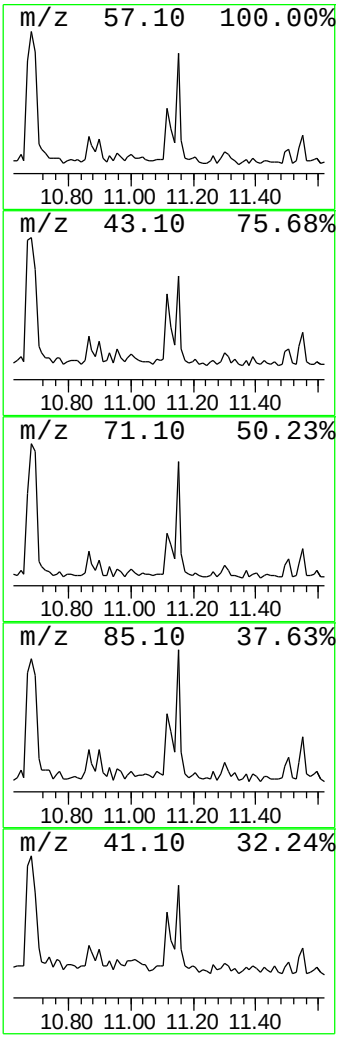
Peak Number 14 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.48 ng	205553	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	Heptacosane	380	C27H56	000593-49-7	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





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Misc :
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Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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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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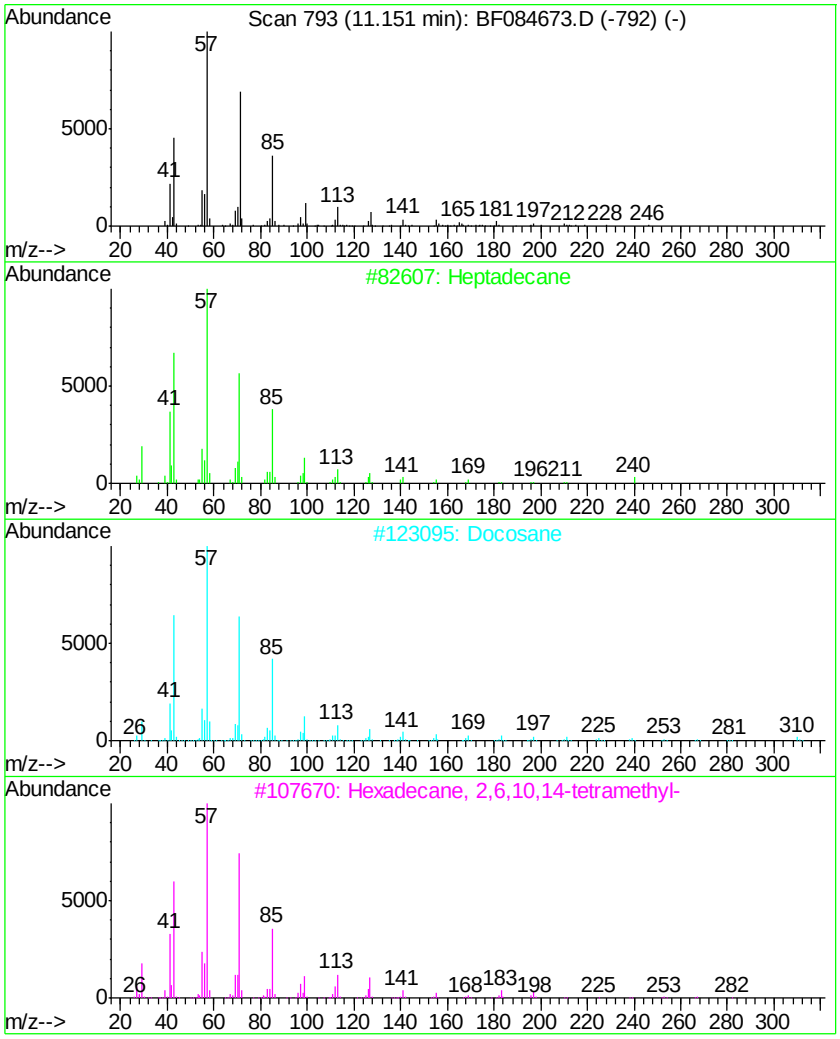
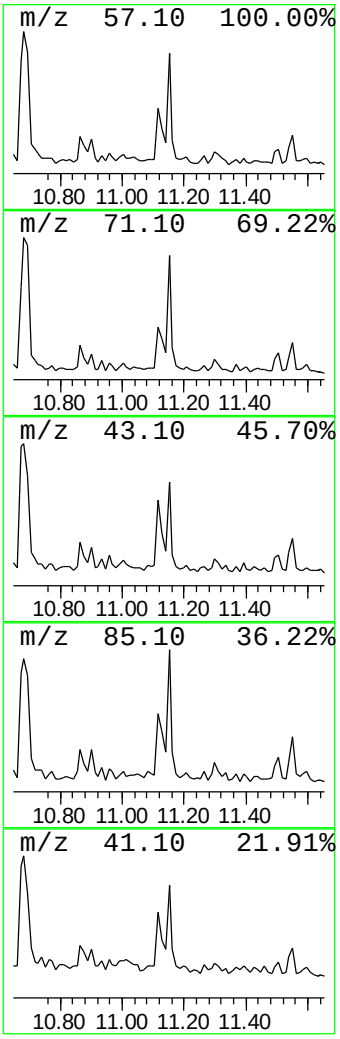
Peak Number 15 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.71 ng	308019	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Docosane	310	C22H46	000629-97-0	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tetracosane	338	C24H50	000646-31-1	83





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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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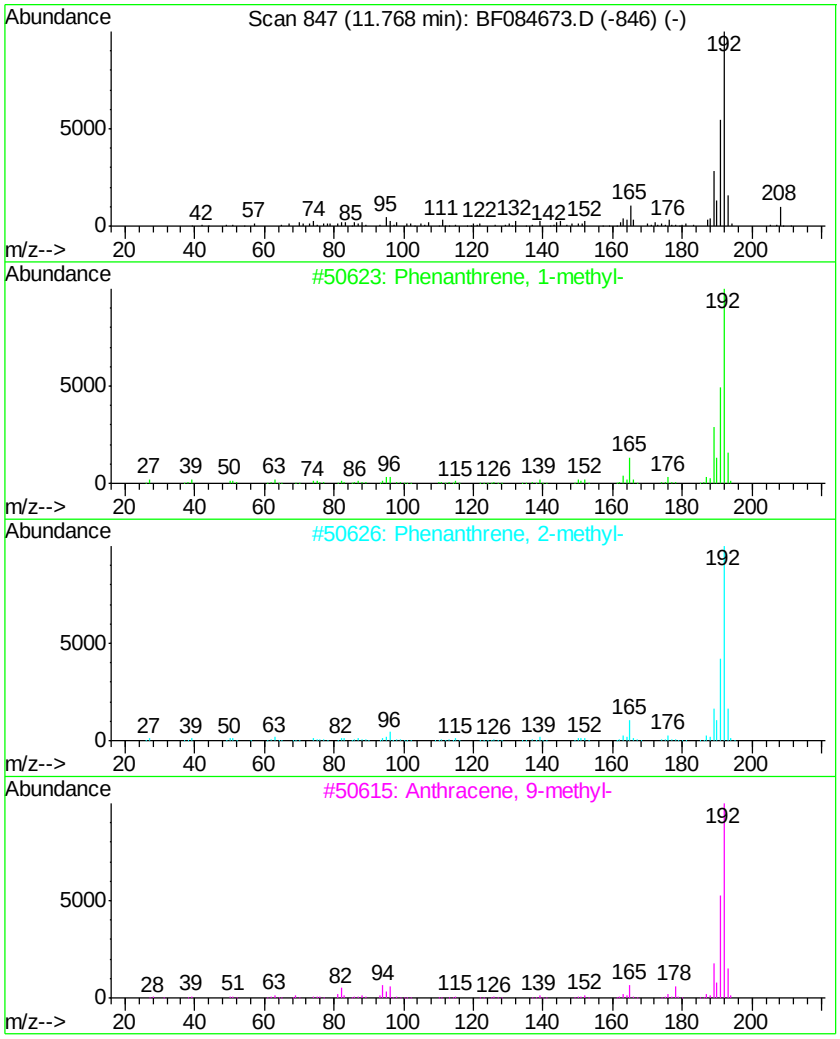
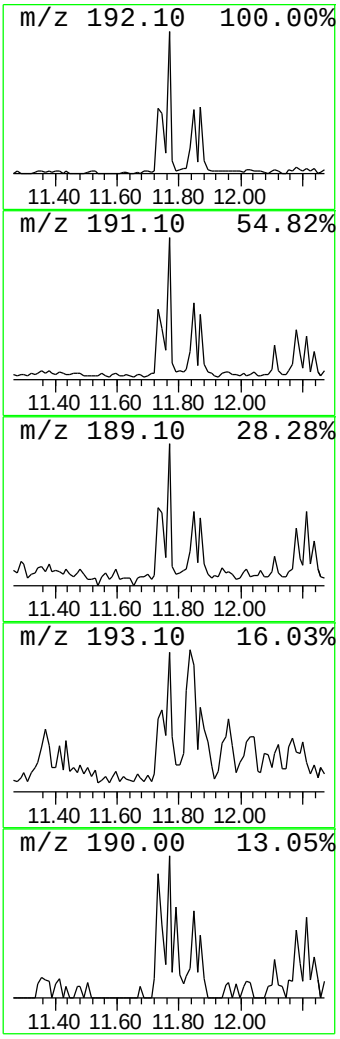
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.25 ng	187053	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

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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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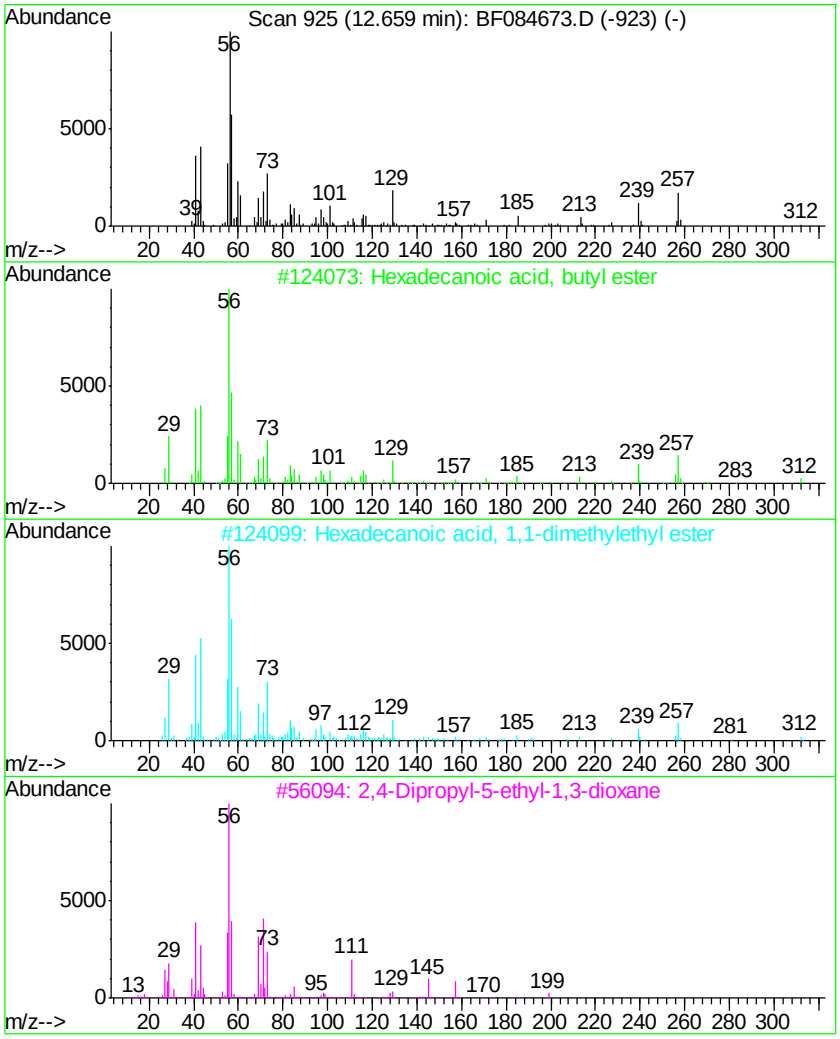
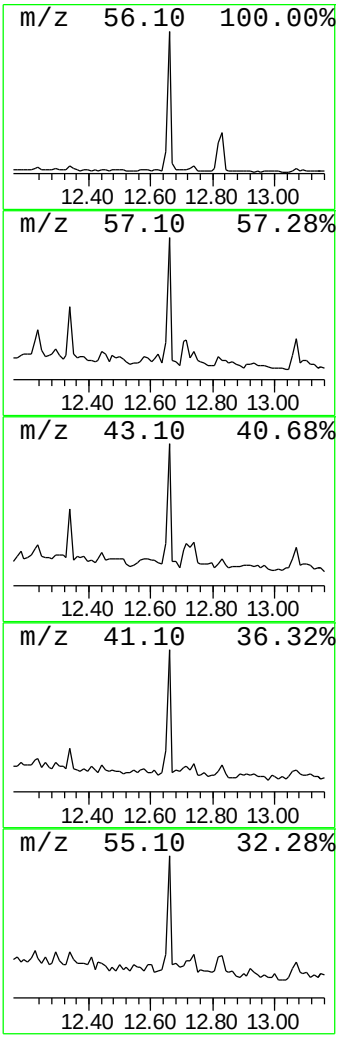
Peak Number 17 Hexadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	3.17 ng	234314	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
5	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38





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Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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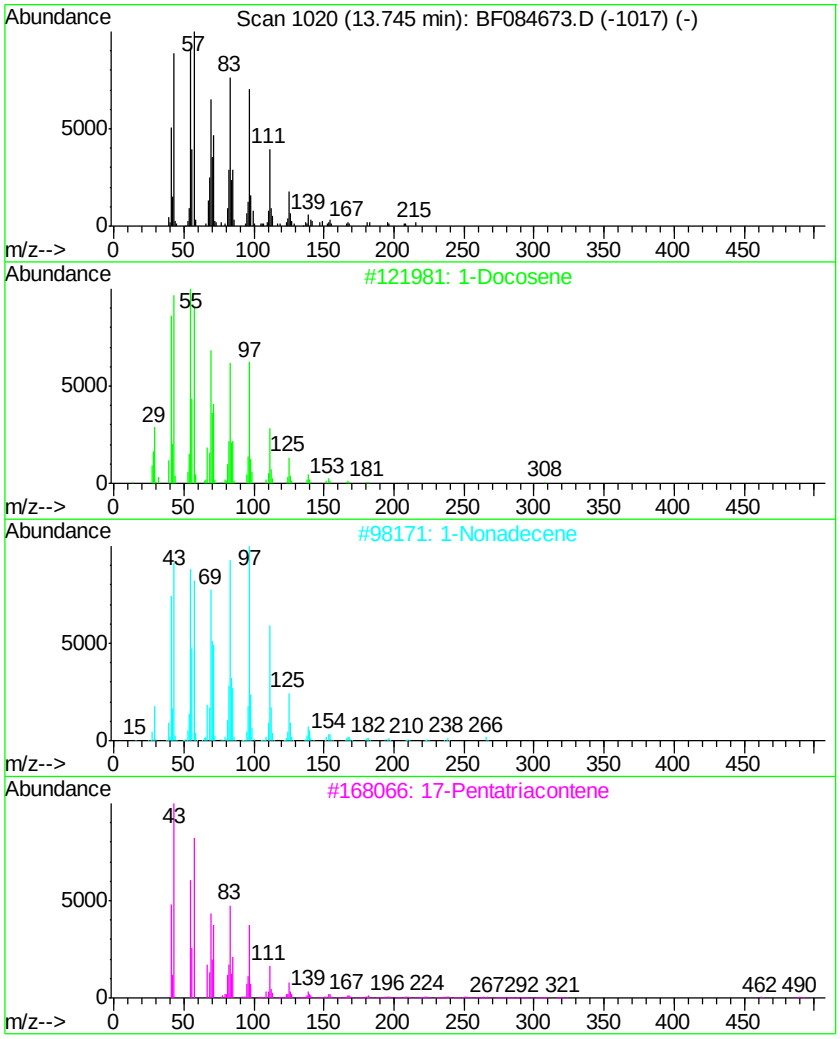
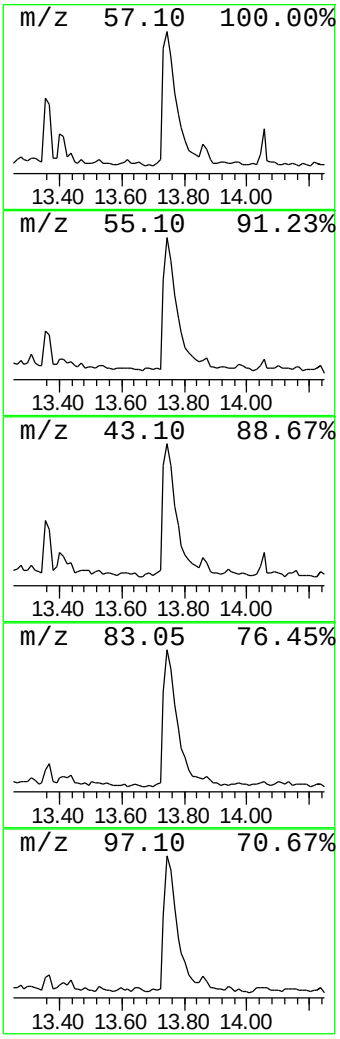
Peak Number 18 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	9.32 ng	688789	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	11-Tricosene	322	C23H46	052078-56-5	87





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Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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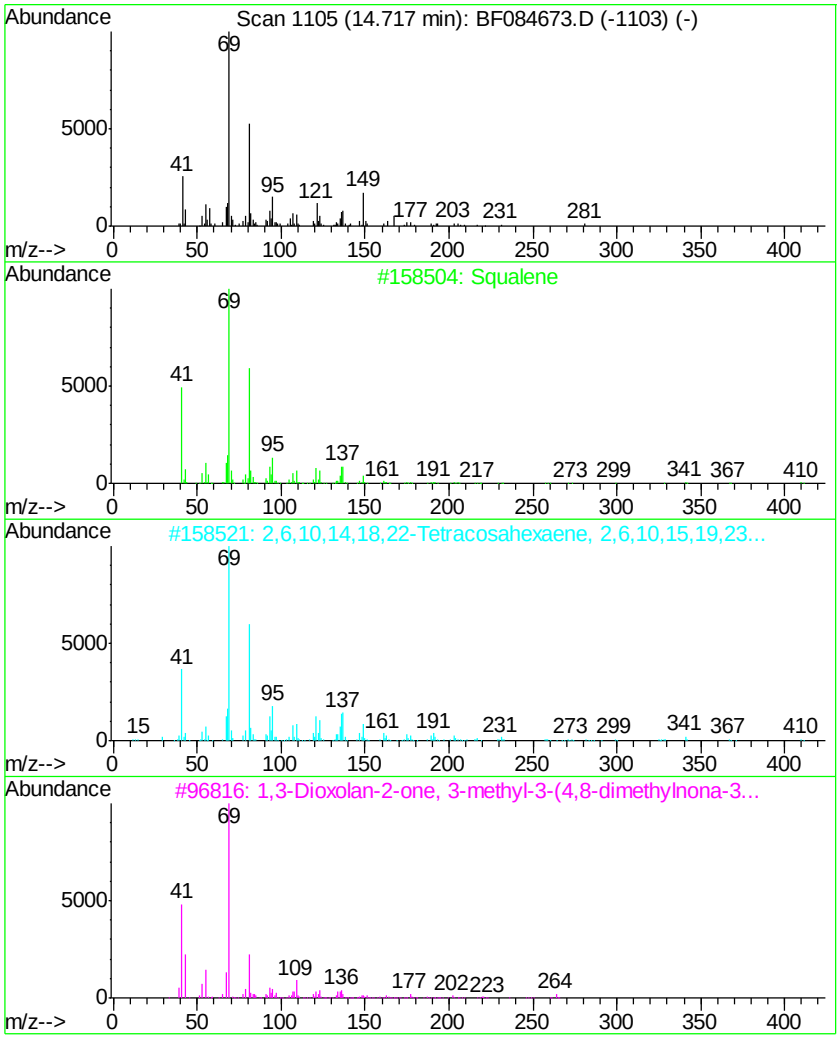
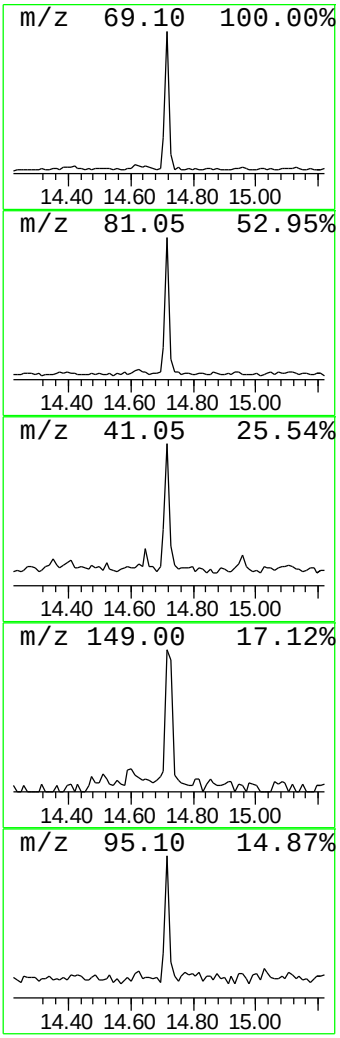
Peak Number 19 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.26 ng	168235	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86
3	1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	53
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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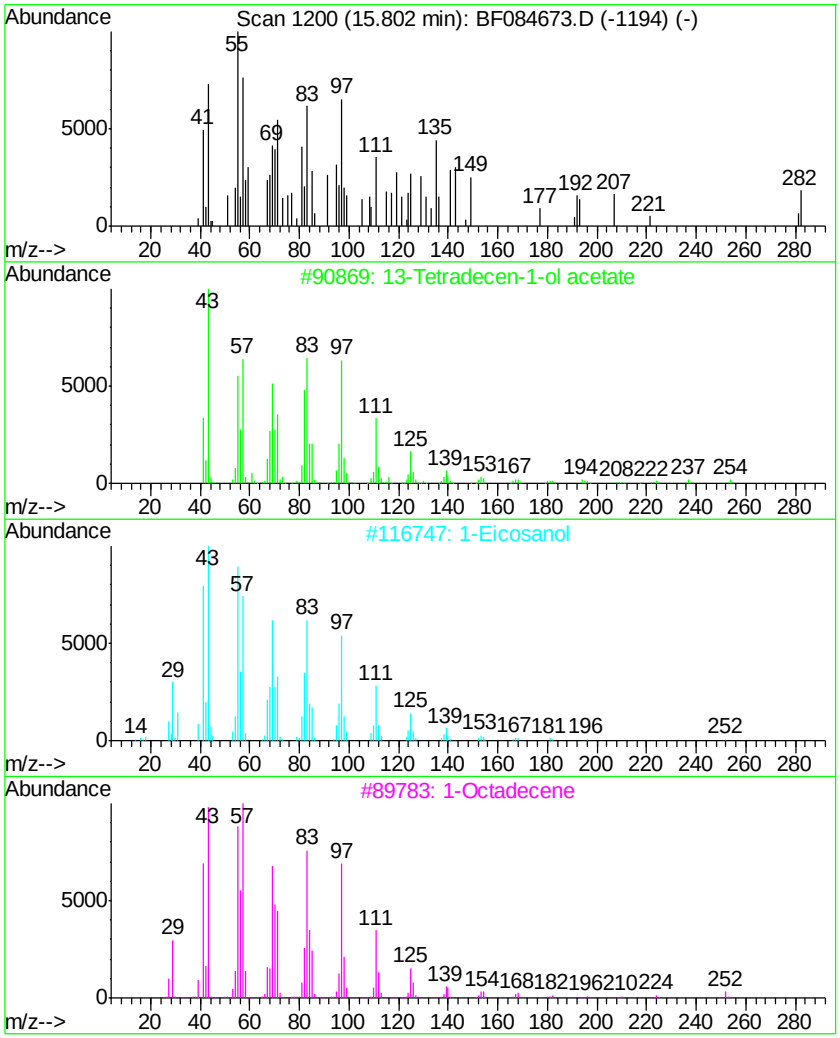
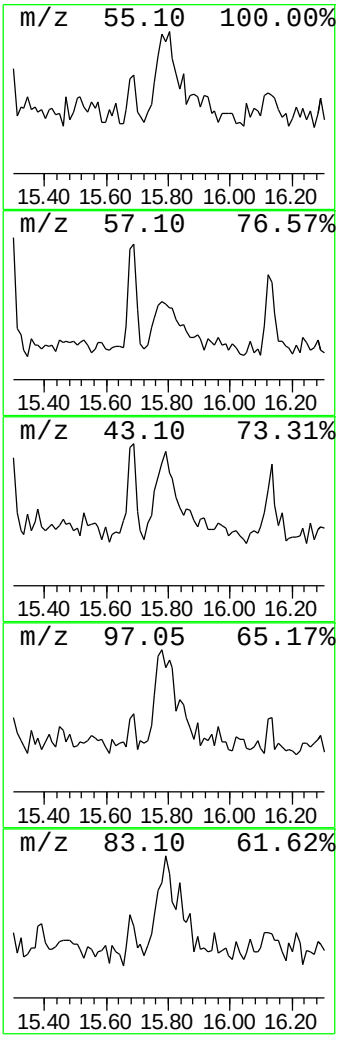
Peak Number 20 unknown15.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.75 ng	142148	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	10
2	1-Eicosanol	298	C20H42O	000629-96-9	10
3	1-Octadecene	252	C18H36	000112-88-9	10
4	Hexadecanedinitrile	248	C16H28N2	006812-44-8	10
5	2,6-Decadien-1-ol, 7-methyl-3-pr...	210	C14H26O	056153-12-9	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084673.D
Acq On : 30 Jan 2016 9:18
Operator : SJ/IZ
Sample : H1303-07
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM1-UST-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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...	4.19	7.4	ng	424419	1	6.73	1142130	20.0
2-Pentanone, 4-hy...	4.90	91.9	ng	5248790	1	6.73	1142130	20.0
2-Pentanone, 4-me...	5.72	5.8	ng	333888	1	6.73	1142130	20.0
unknown6.50	6.50	112.6	ng	6432710	1	6.73	1142130	20.0
Decane, 2,6,7-tri...	8.44	2.3	ng	183941	2	8.01	1589150	20.0
1-Decanol, 2-ethyl-	9.17	2.4	ng	218513	3	9.76	1833280	20.0
Naphthalene, 2,7-...	9.34	2.2	ng	203446	3	9.76	1833280	20.0
Naphthalene, 2,3-...	9.42	4.0	ng	365251	3	9.76	1833280	20.0
Pentadecane	10.20	2.9	ng	269862	3	9.76	1833280	20.0
Pentadecane, 2,6,...	10.42	3.5	ng	321286	3	9.76	1833280	20.0
Tridecane, 4-methyl-	10.68	9.1	ng	759131	4	11.24	1660980	20.0
9H-Fluorene, 1-me...	10.88	2.9	ng	243537	4	11.24	1660980	20.0
Eicosane	11.12	2.5	ng	205553	4	11.24	1660980	20.0
Heptadecane	11.15	3.7	ng	308019	4	11.24	1660980	20.0
Phenanthrene, 1-m...	11.77	2.3	ng	187053	4	11.24	1660980	20.0
Hexadecanoic acid...	12.66	3.2	ng	234314	5	13.87	1478490	20.0
1-Docosene	13.75	9.3	ng	688789	5	13.87	1478490	20.0
Squalene	14.72	3.3	ng	168235	6	15.25	1033110	20.0
unknown15.80	15.80	2.8	ng	142148	6	15.25	1033110	20.0