LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092148.D
Acq On : 9 Jan 2017 20:08
Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.035	9	13	37	rVB3	31204	252835	5.11%	0.384%
2	4.756	247	251	261	rBV	1257418	1834333	37.07%	2.782%
3	5.144	283	285	290	rBV	45025	86064	1.74%	0.131%
4	5.236	290	293	295	rBV	2823330	3789371	76.57%	5.748%
5	5.419	305	309	315	rVB3	58753	111405	2.25%	0.169%
6	6.299	383	386	391	rVV	3471426	4948639	100.00%	7.507%
7	6.402	393	395	398	rVV	3806986	4463912	90.20%	6.771%
8	6.470	398	401	403	rVV3	77375	131556	2.66%	0.200%
9	6.630	413	415	417	rVV	1438964	1269785	25.66%	1.926%
10	6.710	419	422	424	rBV4	71974	119148	2.41%	0.181%
11	6.790	426	429	431	rVV	3429510	3840596	77.61%	5.826%
12	6.893	433	438	442	rBV4	62580	168323	3.40%	0.255%
13	7.030	448	450	454	rBV4	45278	105236	2.13%	0.160%
14	7.202	462	465	467	rBV	3105137	2952130	59.66%	4.478%
15	7.247	467	469	470	rVB	149930	110981	2.24%	0.168%
16	7.293	470	473	475	rVB3	53863	86174	1.74%	0.131%
17	7.442	480	486	489	rBV5	105825	263263	5.32%	0.399%
18	7.499	489	491	493	rBV2	203512	288533	5.83%	0.438%
19	7.544	493	495	497	rBV3	105985	147023	2.97%	0.223%
20	7.613	500	501	503	rBV2	76444	93776	1.89%	0.142%
21	7.659	503	505	506	rVV2	101357	144640	2.92%	0.219%
22	7.773	512	515	516	rVV2	75277	105918	2.14%	0.161%
23	7.887	522	525	526	rBV3	60185	131048	2.65%	0.199%
24	7.922	526	528	529	rVV	1724355	2053265	41.49%	3.115%
25	7.956	529	531	532	rVV	753943	1057899	21.38%	1.605%
26	7.979	532	533	540	rVB2	132510	302603	6.11%	0.459%
27	8.196	550	552	555	rBV4	77673	154055	3.11%	0.234%
28	8.276	558	559	561	rBV2	81738	86463	1.75%	0.131%
29	8.356	564	566	570	rBV2	175846	211440	4.27%	0.321%
30	8.527	579	581	583	rBV	320466	321953	6.51%	0.488%
31	8.630	587	590	592	rBV	340086	322838	6.52%	0.490%
32	8.733	597	599	602	rVB2	159422	229419	4.64%	0.348%
33	8.825	604	607	609	rBV4	53902	127896	2.58%	0.194%
34	8.950	615	618	620	rBV2	104859	164360	3.32%	0.249%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.996	620	622	624	rVB	3589369	3513487	71.00%	5.330%
36	9.088	626	630	632	rBV2	390454	486924	9.84%	0.739%
37	9.145	632	635	638	rVB3	66848	126560	2.56%	0.192%
38	9.190	638	639	642	rVB	74937	91319	1.85%	0.139%
39	9.259	642	645	647	rBV	133220	217568	4.40%	0.330%
40	9.328	650	651	652	rBV	168792	163443	3.30%	0.248%
41	9.396	656	657	659	rVV2	369763	384196	7.76%	0.583%
42	9.430	659	660	664	rVB4	79307	163333	3.30%	0.248%
43	9.613	675	676	678	rBV	273630	258402	5.22%	0.392%
44	9.670	678	681	682	rBV	1281345	1368537	27.65%	2.076%
45	9.693	682	683	686	rVB	595666	793289	16.03%	1.203%
46	9.876	696	699	700	rBV	430032	524025	10.59%	0.795%
47	9.933	703	704	706	rVB2	74589	83991	1.70%	0.127%
48	9.990	706	709	710	rBV2	63066	106953	2.16%	0.162%
49	10.070	714	716	718	rBV3	64186	99650	2.01%	0.151%
50	10.116	718	720	721	rVB	313845	250539	5.06%	0.380%
51	10.208	726	728	731	rBV	551158	649154	13.12%	0.985%
52	10.276	732	734	735	rBV	75138	83464	1.69%	0.127%
53	10.333	735	739	741	rBV3	154890	323714	6.54%	0.491%
54	10.368	741	742	745	rVB	96592	128604	2.60%	0.195%
55	10.459	747	750	752	rBV	1215720	1436879	29.04%	2.180%
56	10.585	759	761	765	rVB2	380622	609664	12.32%	0.925%
57	10.653	765	767	768	rBV	253654	265219	5.36%	0.402%
58	10.688	768	770	771	rBV2	222704	264106	5.34%	0.401%
59	10.722	771	773	774	rVV2	155075	256453	5.18%	0.389%
60	10.756	774	776	777	rVV2	135442	211601	4.28%	0.321%
61	10.825	780	782	784	rVB2	174683	226599	4.58%	0.344%
62	10.871	784	786	787	rBV	148374	223715	4.52%	0.339%
63	10.905	787	789	792	rVB2	193575	228789	4.62%	0.347%
64	10.951	792	793	795	rVB	146327	144673	2.92%	0.219%
65	11.031	798	800	808	rVB2	286906	513716	10.38%	0.779%
66	11.145	808	810	811	rBV	1131678	1101175	22.25%	1.670%
67	11.168	811	812	814	rVB	2093039	1668176	33.71%	2.530%
68	11.225	814	817	818	rVB	318759	451838	9.13%	0.685%
69	11.259	818	820	822	rBV2	79699	121276	2.45%	0.184%
70	11.385	829	831	832	rBV	224869	187289	3.78%	0.284%
71	11.453	835	837	840	rBV3	159970	266559	5.39%	0.404%

LSC Area Percent Report

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Sample : I1057-01
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP3

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.556	844	846	849	rVB2	74195	95576	1.93%	0.145%
73	11.648	849	854	855	rBV	210965	331488	6.70%	0.503%
74	11.693	857	858	862	rVB	266539	303775	6.14%	0.461%
75	11.751	862	863	869	rVB	249297	467270	9.44%	0.709%
76	11.865	871	873	877	rVB2	195687	204497	4.13%	0.310%
77	12.094	891	893	894	rVB	92889	84986	1.72%	0.129%
78	12.196	900	902	903	rBV	150521	162127	3.28%	0.246%
79	12.254	906	907	908	rVB	200023	148367	3.00%	0.225%
80	12.356	914	916	918	rBV	1499700	1432395	28.95%	2.173%
81	12.402	918	920	923	rVV3	144034	210416	4.25%	0.319%
82	12.482	925	927	931	rVV4	108680	258969	5.23%	0.393%
83	12.574	933	935	938	rVV	831536	1393324	28.16%	2.114%
84	12.631	938	940	943	rVB2	389869	625249	12.63%	0.948%
85	12.734	947	949	952	rVV	2907764	2836811	57.33%	4.303%
86	12.871	959	961	963	rBV2	153972	236047	4.77%	0.358%
87	12.905	963	964	966	rVB	194344	247642	5.00%	0.376%
88	12.974	968	970	972	rBV2	265224	372333	7.52%	0.565%
89	13.019	972	974	979	rBV4	156496	435440	8.80%	0.661%
90	13.099	979	981	983	rBV	144498	243763	4.93%	0.370%
91	13.328	998	1001	1002	rBV	209269	346755	7.01%	0.526%
92	13.648	1027	1029	1032	rVB2	377853	461872	9.33%	0.701%
93	13.774	1037	1040	1044	rBV3	1138007	2358337	47.66%	3.577%
94	13.968	1055	1057	1062	rVB3	313628	487611	9.85%	0.740%
95	14.277	1082	1084	1085	rBV2	353026	491020	9.92%	0.745%
96	14.425	1095	1097	1099	rBV	484059	528397	10.68%	0.802%
97	14.574	1108	1110	1115	rBV3	386560	817084	16.51%	1.239%
98	15.157	1159	1161	1163	rBV	349922	475088	9.60%	0.721%
99	16.128	1244	1246	1253	rVB2	369264	822543	16.62%	1.248%
100	19.294	1520	1523	1528	rBV5	158517	573629	11.59%	0.870%

Sum of corrected areas: 65924570

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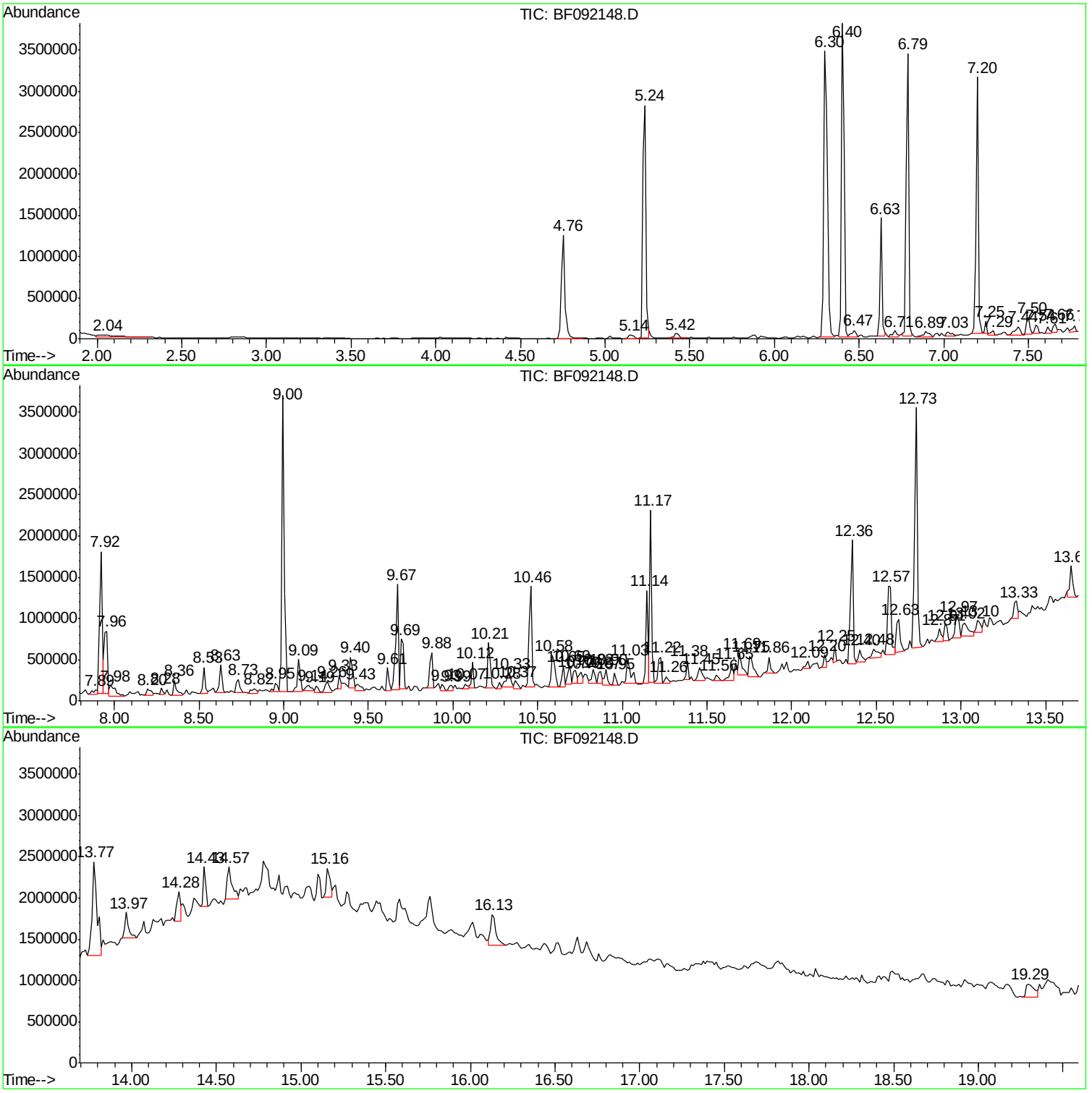
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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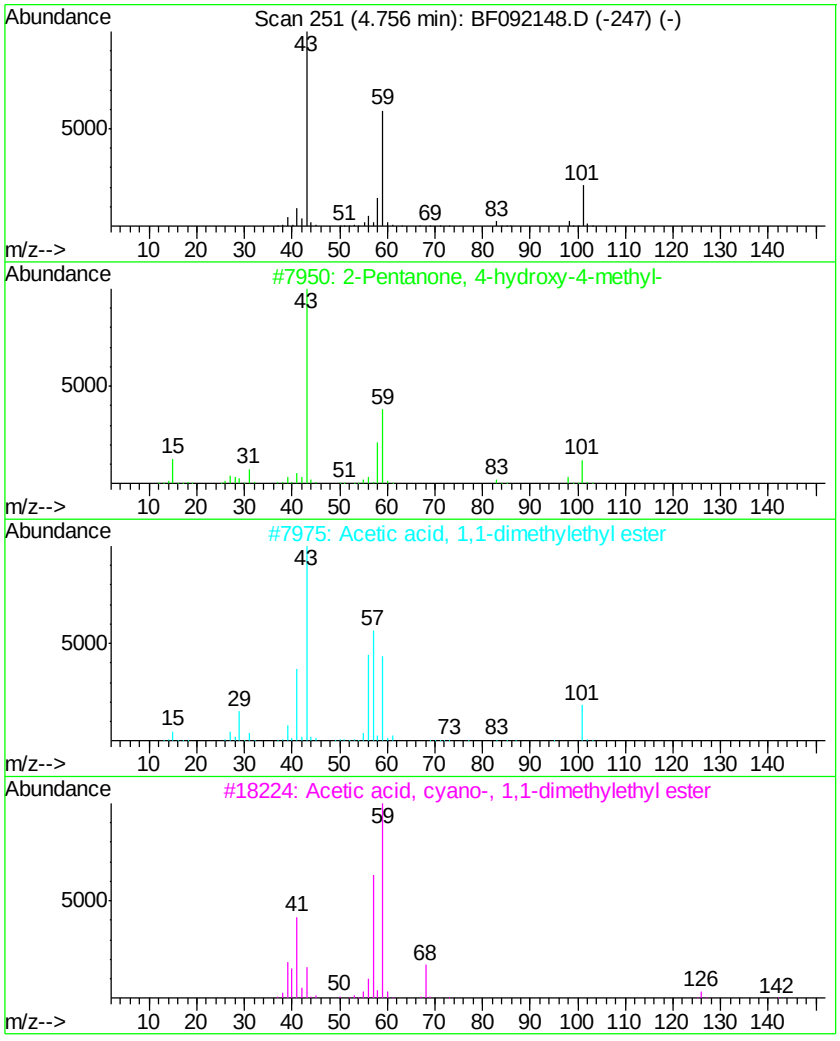
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

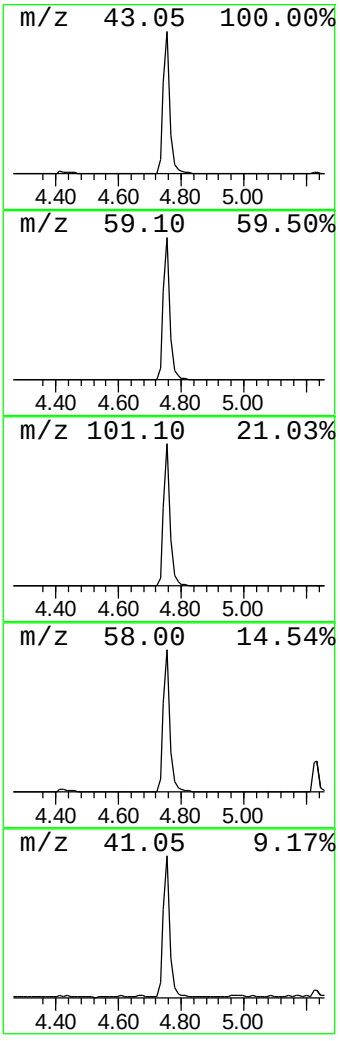
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	28.89 ng	1834330	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092148.D
Acq On : 9 Jan 2017 20:08
Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

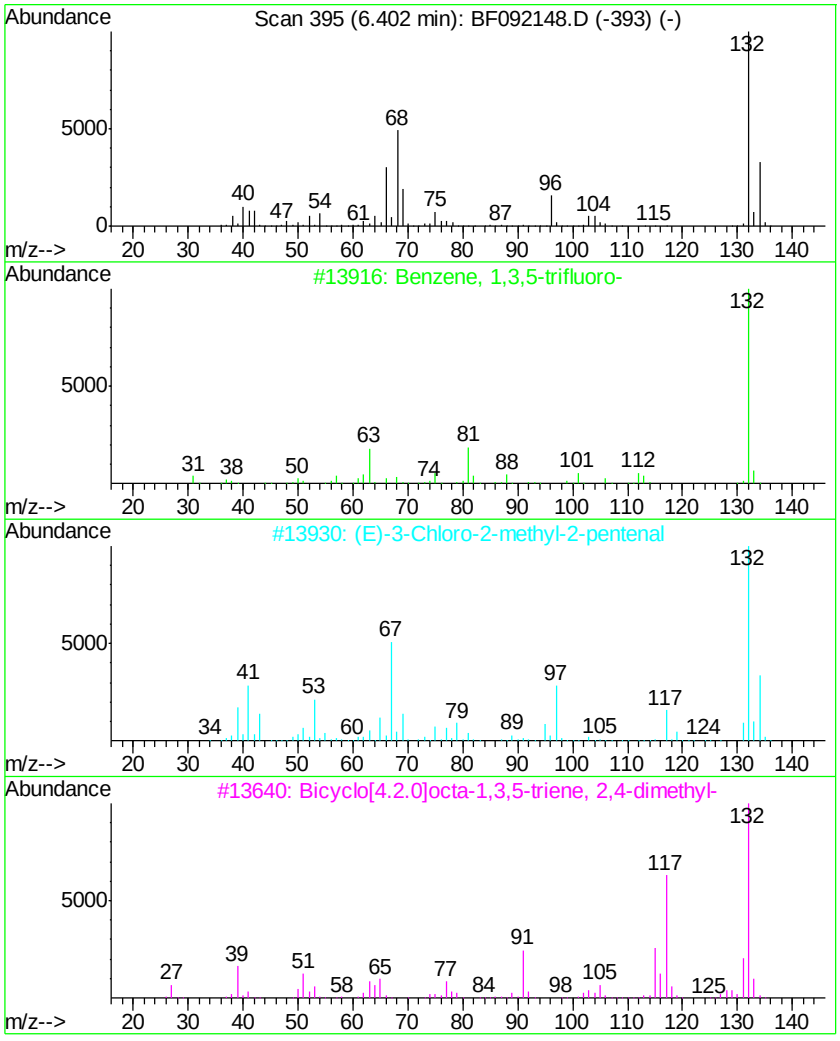
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

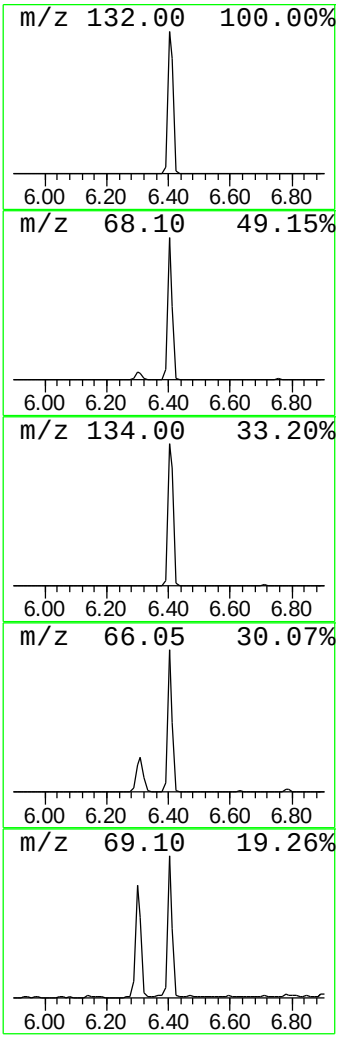
****

Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	70.31 ng	4463910	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Operator : UM/SJ
Sample : I1057-01
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Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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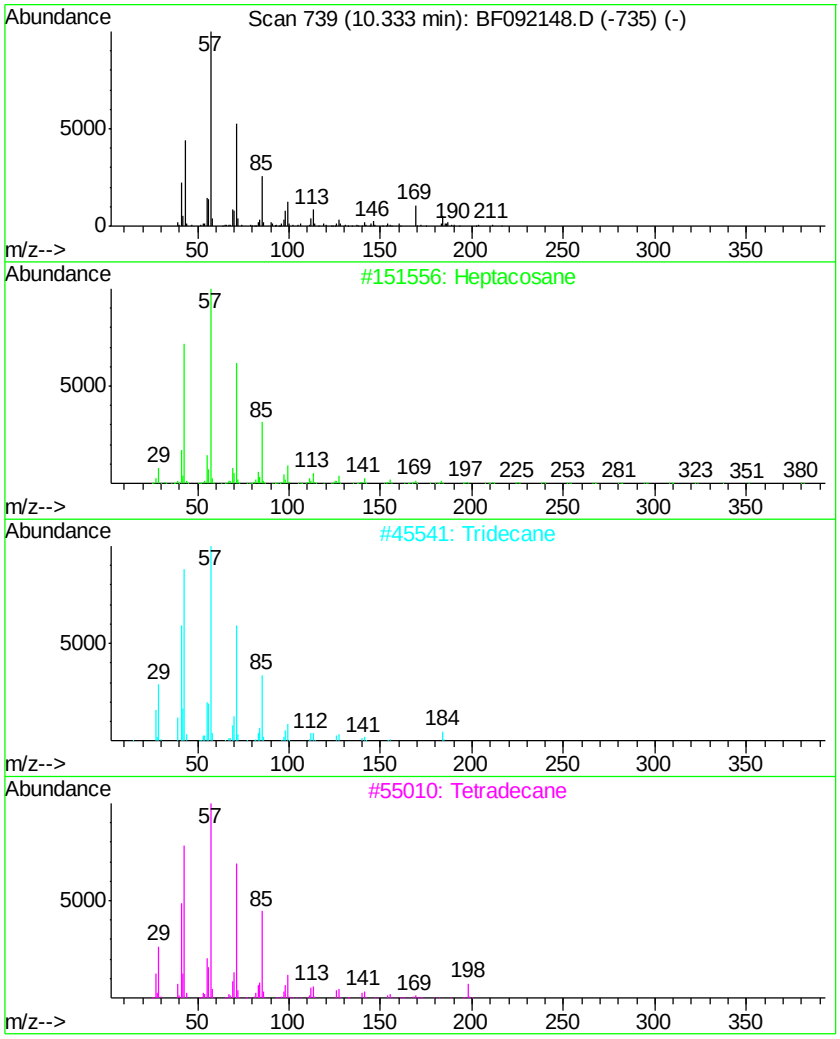
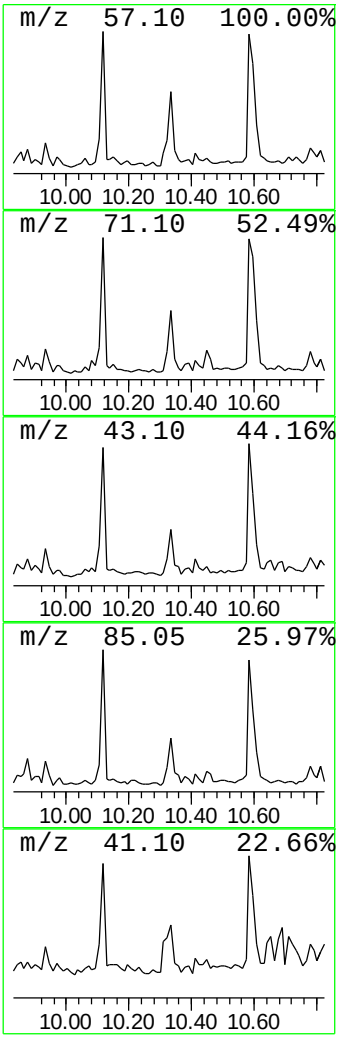
Peak Number 4 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.73 ng	323714	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Tetradecane	198	C14H30	000629-59-4	59
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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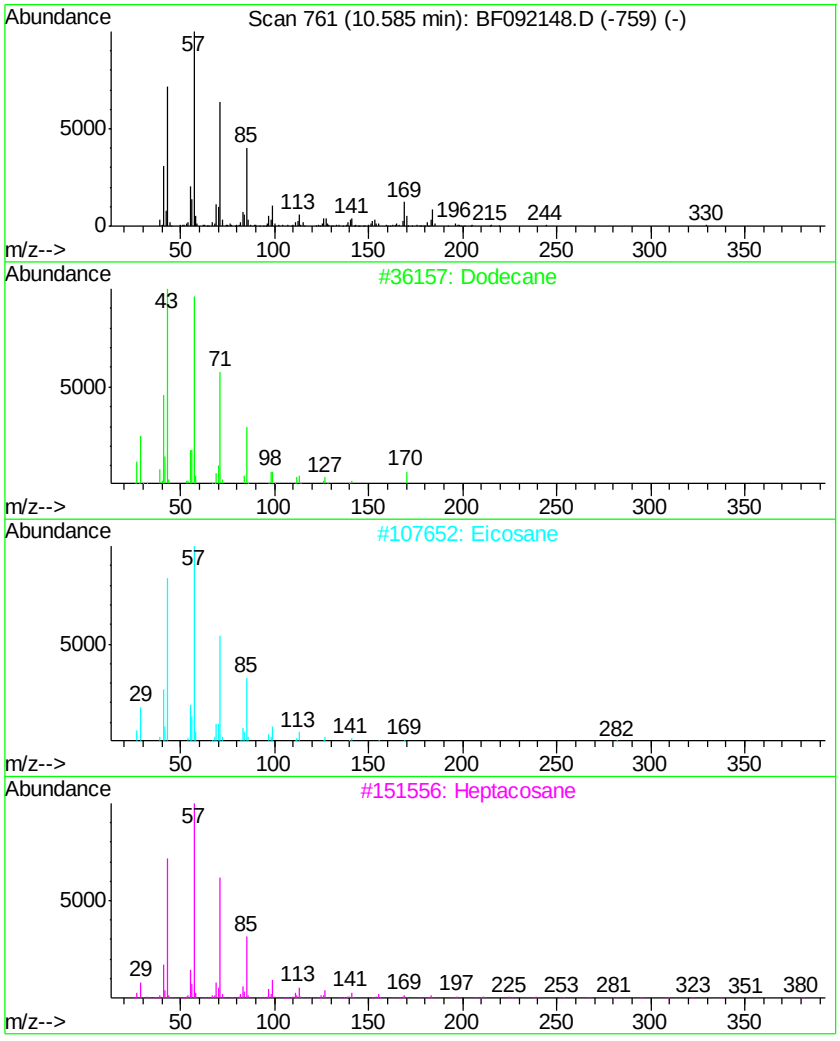
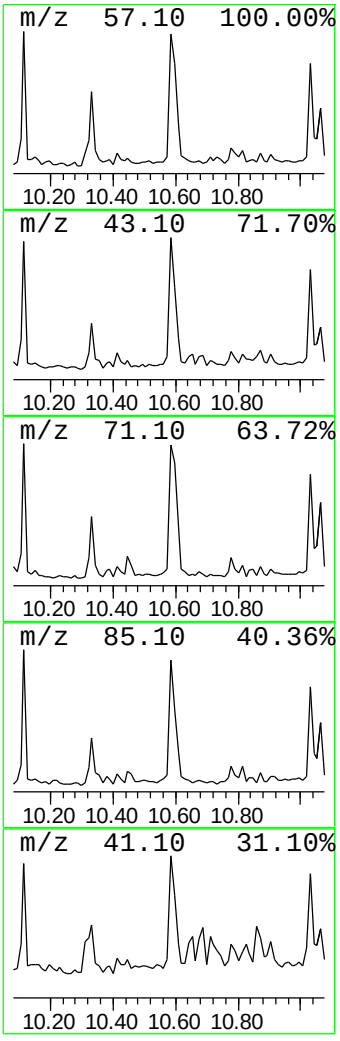
Peak Number 5 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	11.07 ng	609664	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	81
2	Eicosane	282	C20H42	000112-95-8	76
3	Heptacosane	380	C27H56	000593-49-7	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Tridecane	184	C13H28	000629-50-5	72





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Data File : BF092148.D
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Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

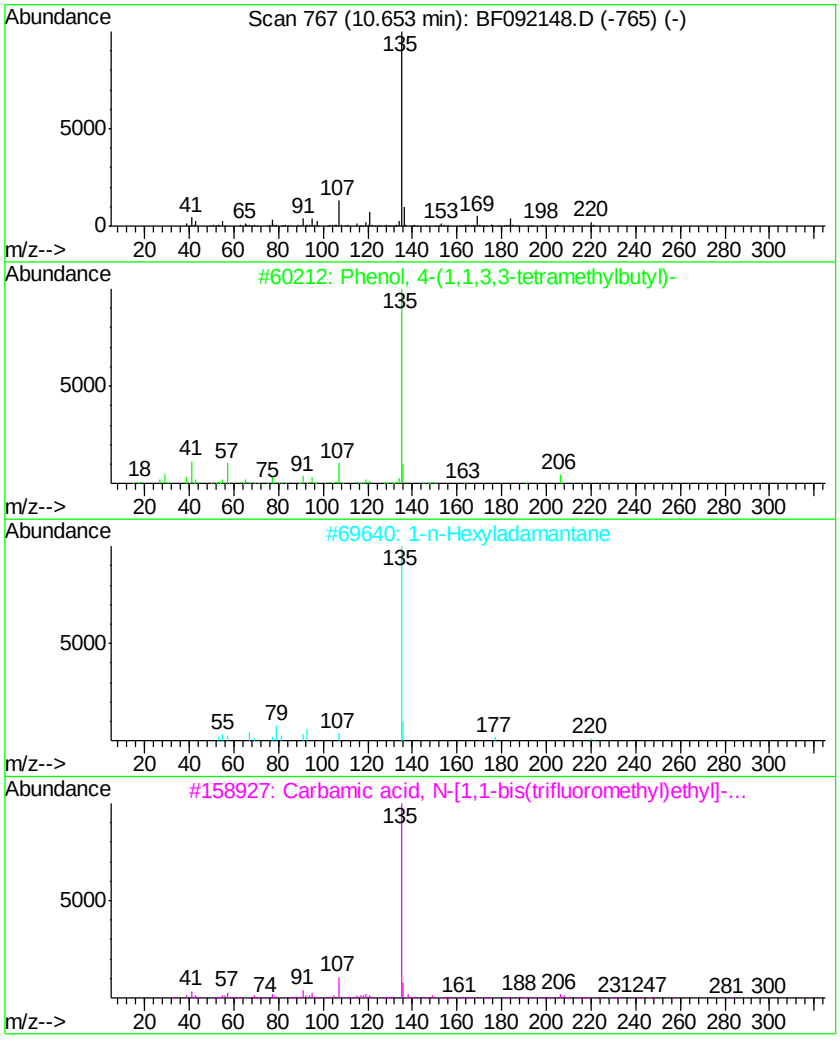
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

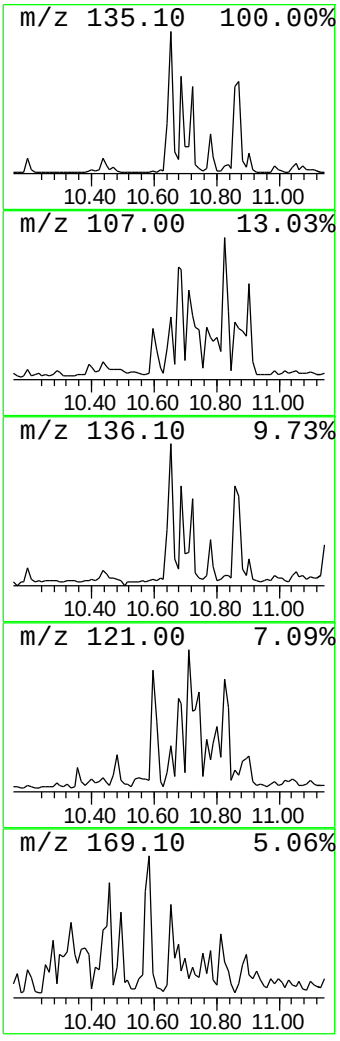
****

Peak Number 6 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.82 ng	265219	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	50
4	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	45
5	Ethanamine, 1-(2,4-cyclopentadie...	135	C9H13N	014469-77-3	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092148.D
Acq On : 9 Jan 2017 20:08
Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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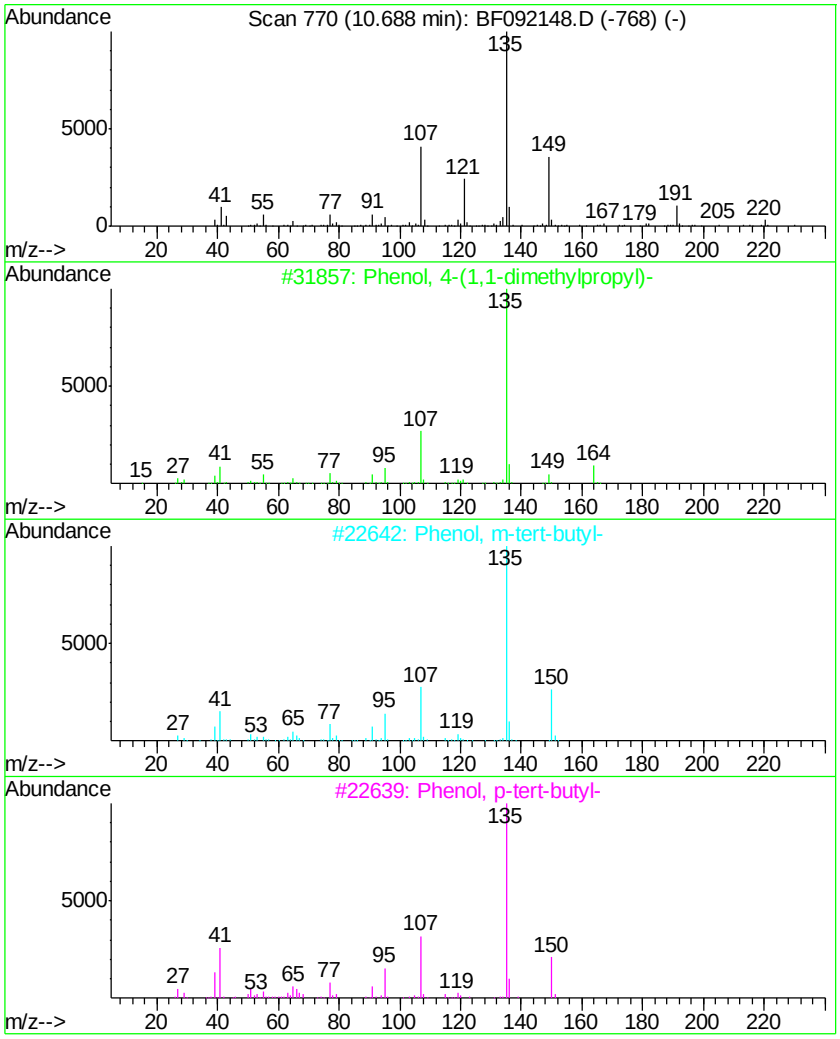
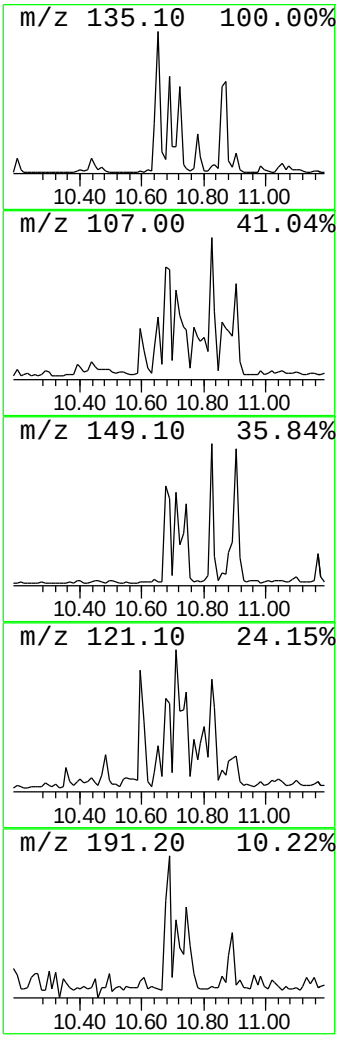
Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	4.80 ng	264106	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	59
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	47
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	43





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Acq On : 9 Jan 2017 20:08
Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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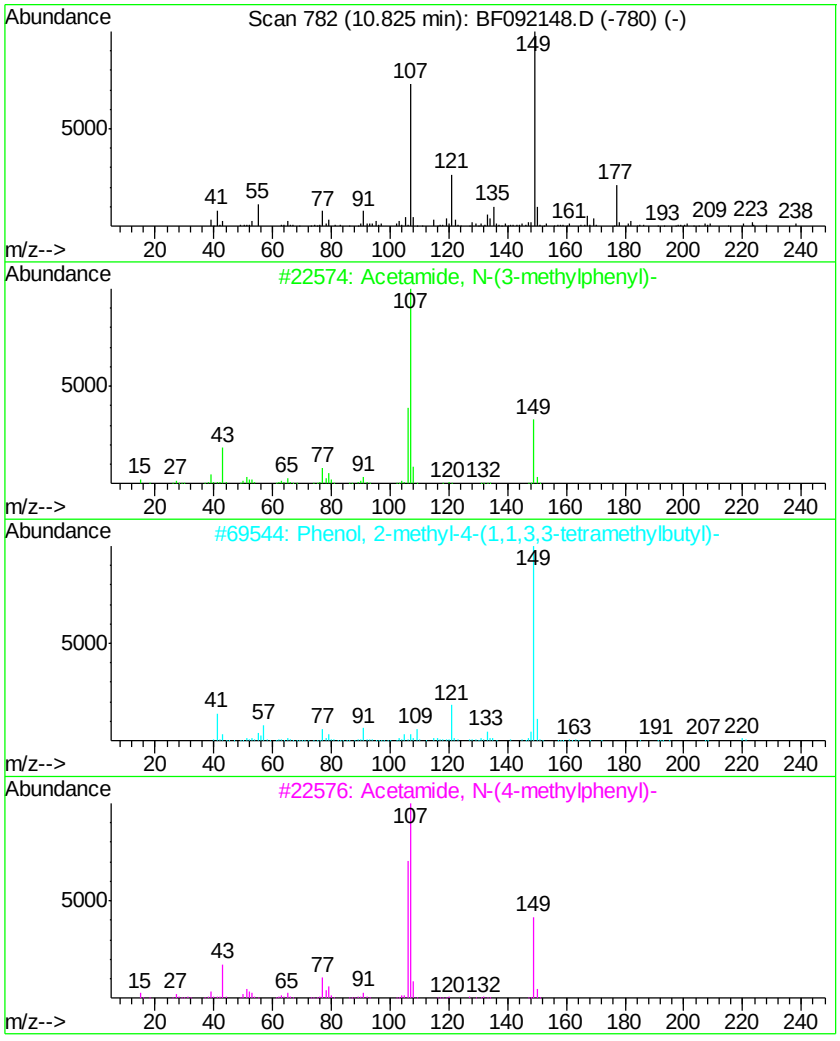
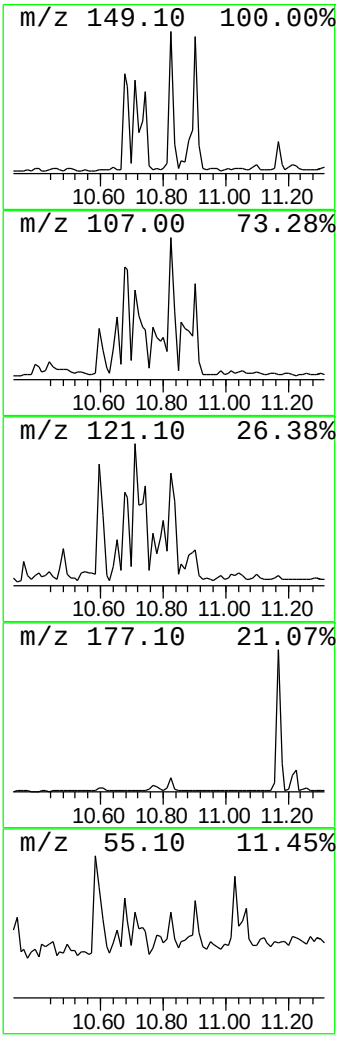
Peak Number 9 Acetamide, N-(3-methylphenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.12 ng	226599	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	38
4	2-Methylenebornane	150	C11H18	027538-47-2	25
5	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	22





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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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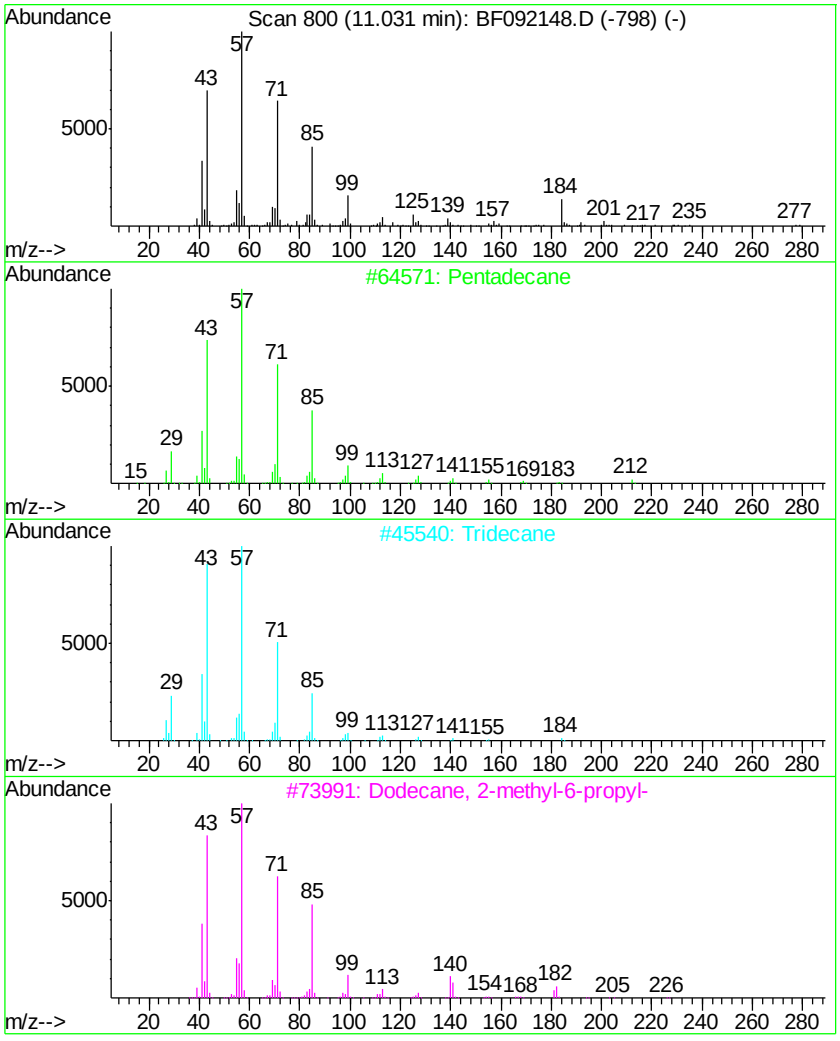
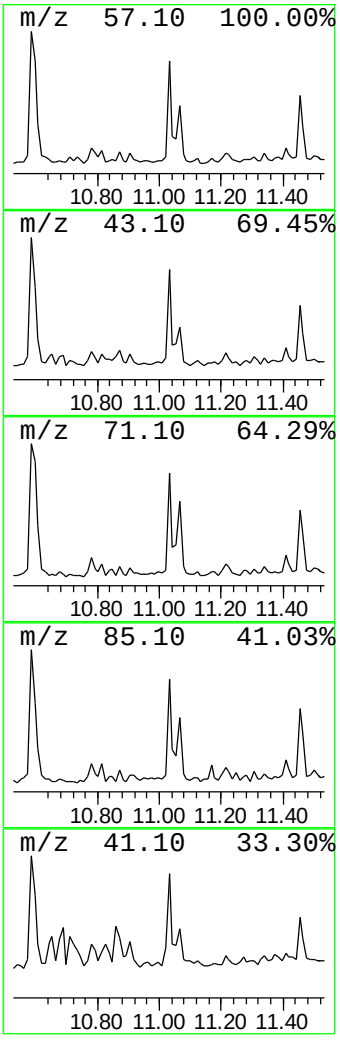
Peak Number 11 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	9.33 ng	513716	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	76
2	Tridecane	184	C13H28	000629-50-5	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Nonadecane	268	C19H40	000629-92-5	64
5	10-Methylnonadecane	282	C20H42	056862-62-5	49





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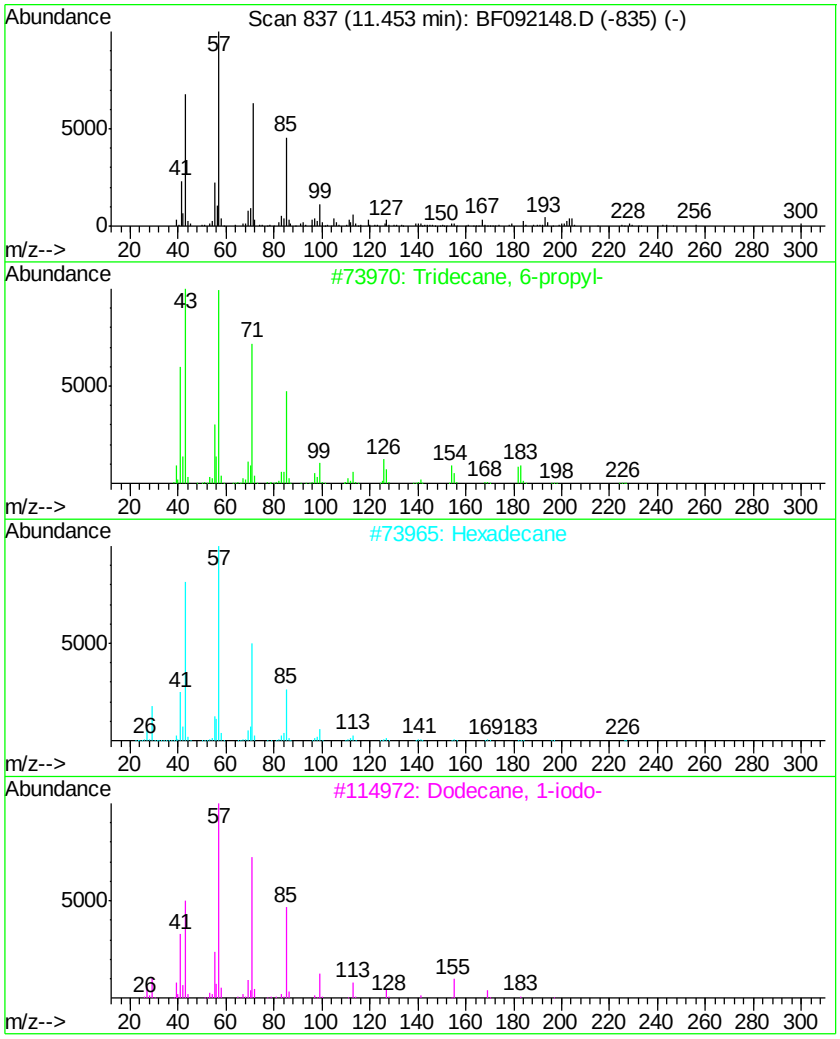
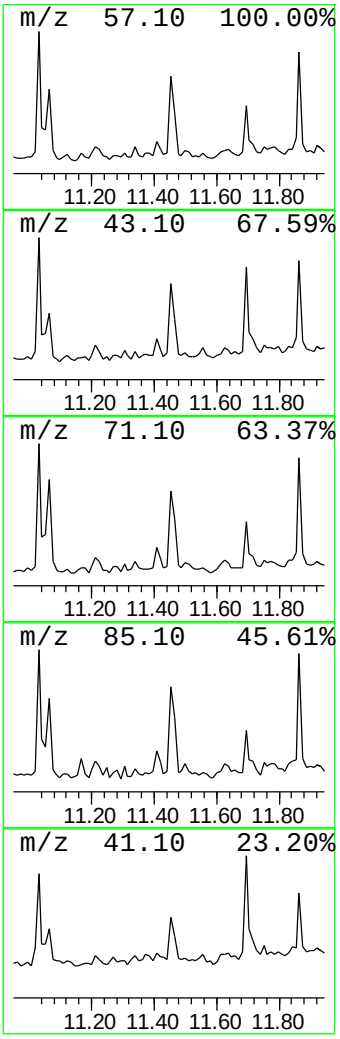
Peak Number 12 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	4.84 ng	266559	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Eicosane	282	C20H42	000112-95-8	58
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49





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Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP3

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TIC Library : C:\DATABASE\NIST02.L
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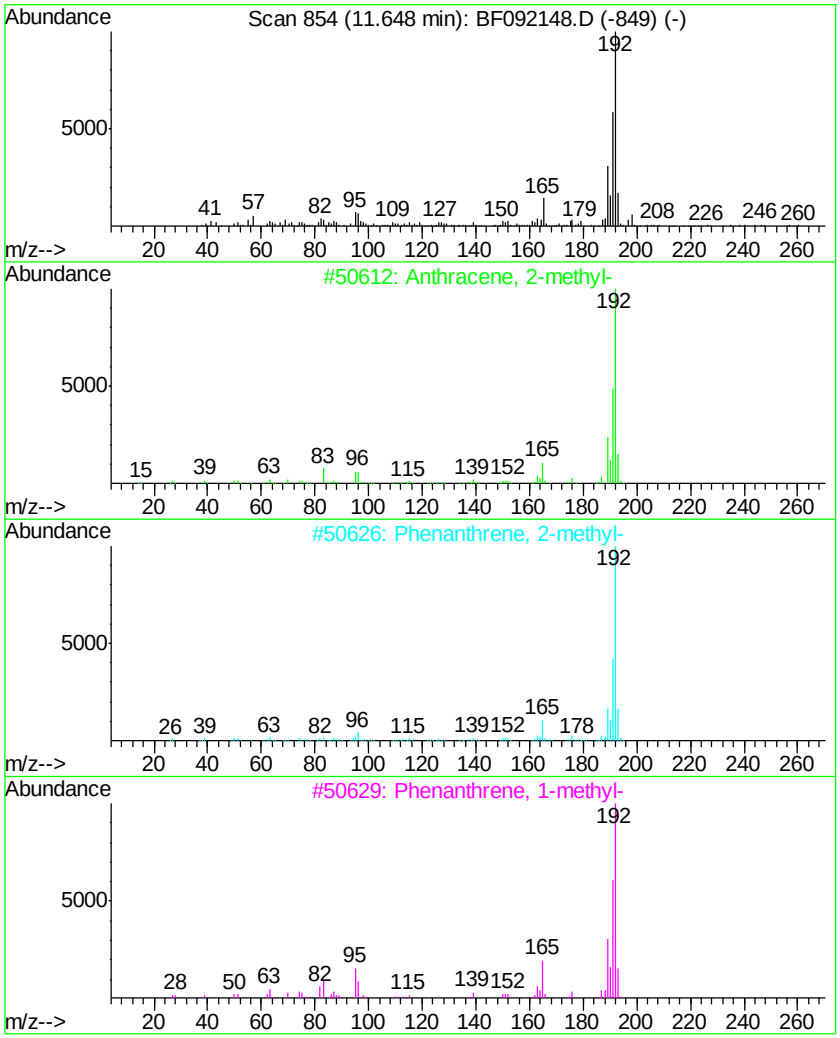
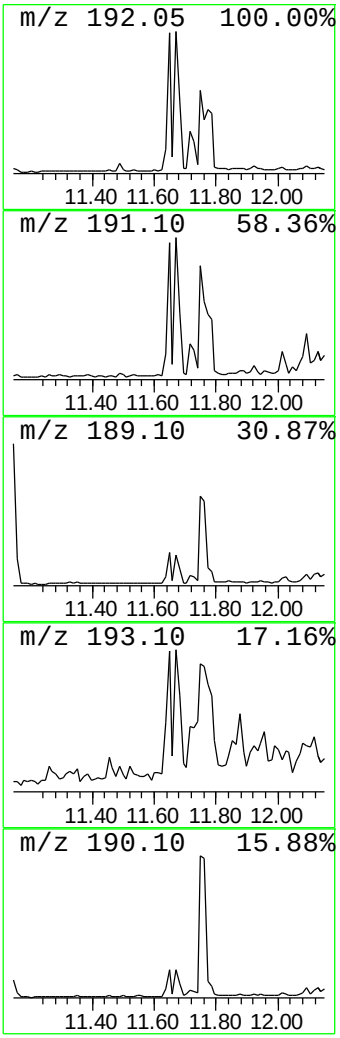
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.02 ng	331488	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : I1057-01
Misc :
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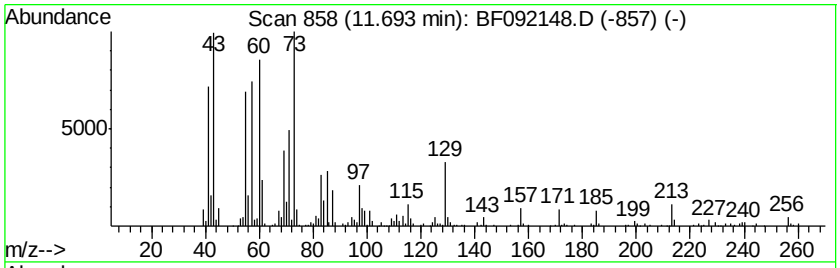
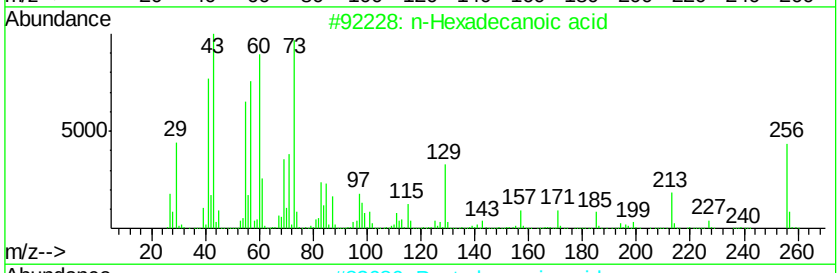
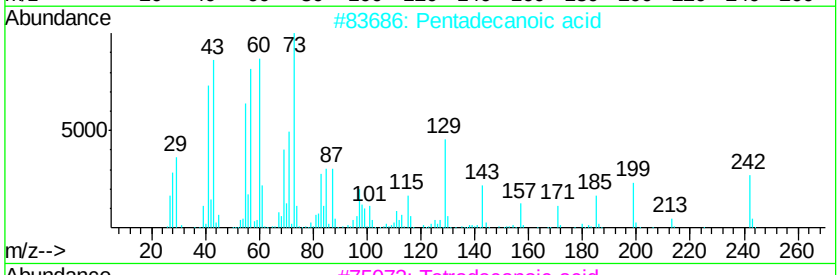
Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

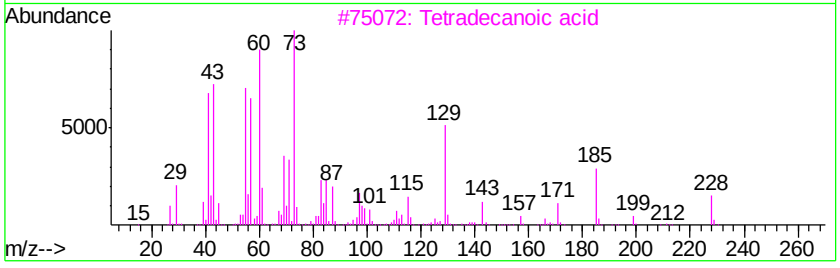
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.52 ng	303775	Phenanthrene-d10	11.14

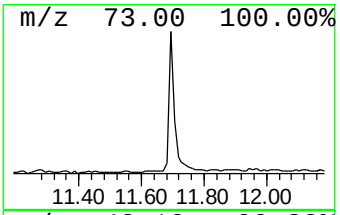
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	35
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25

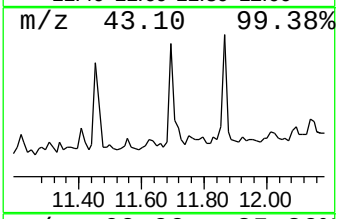


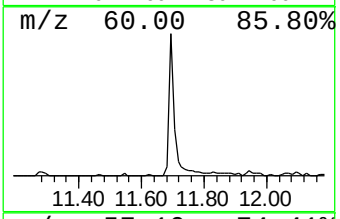


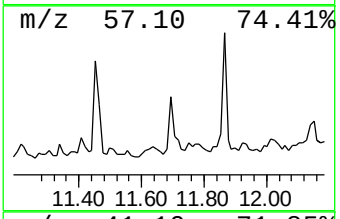


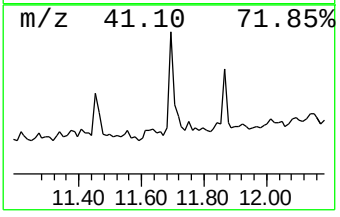












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Operator : UM/SJ
Sample : I1057-01
Misc :
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Instrument : BNA_F
ClientSampleId : P3-SP3

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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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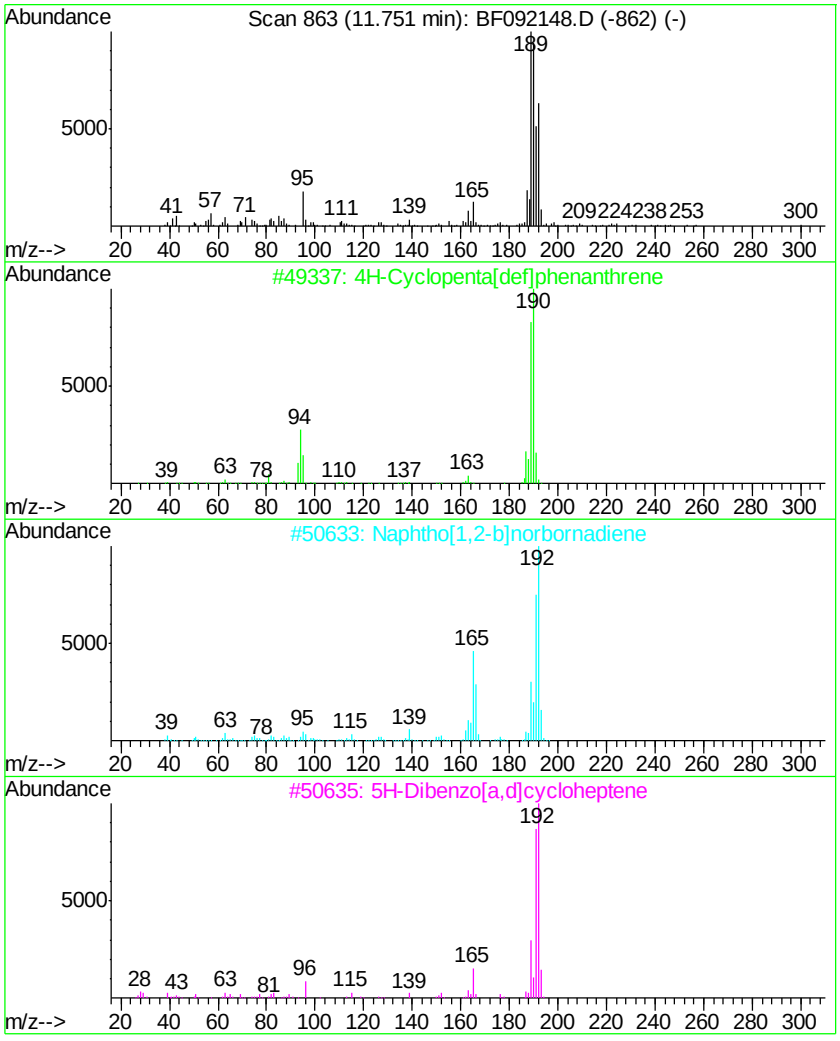
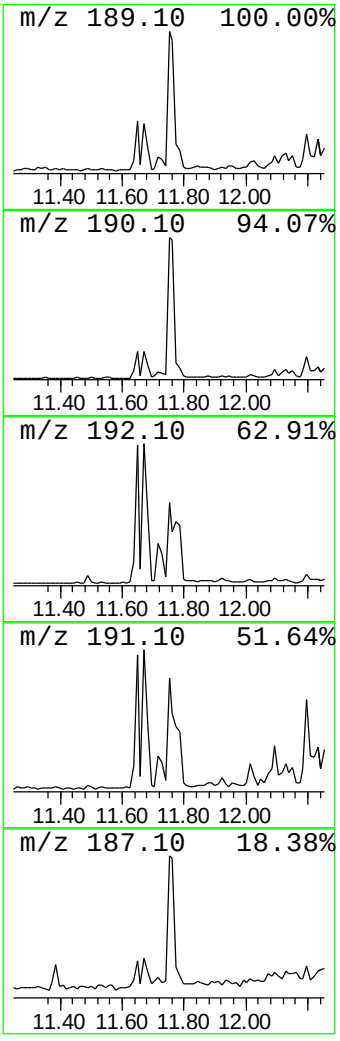
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	8.49 ng	467270	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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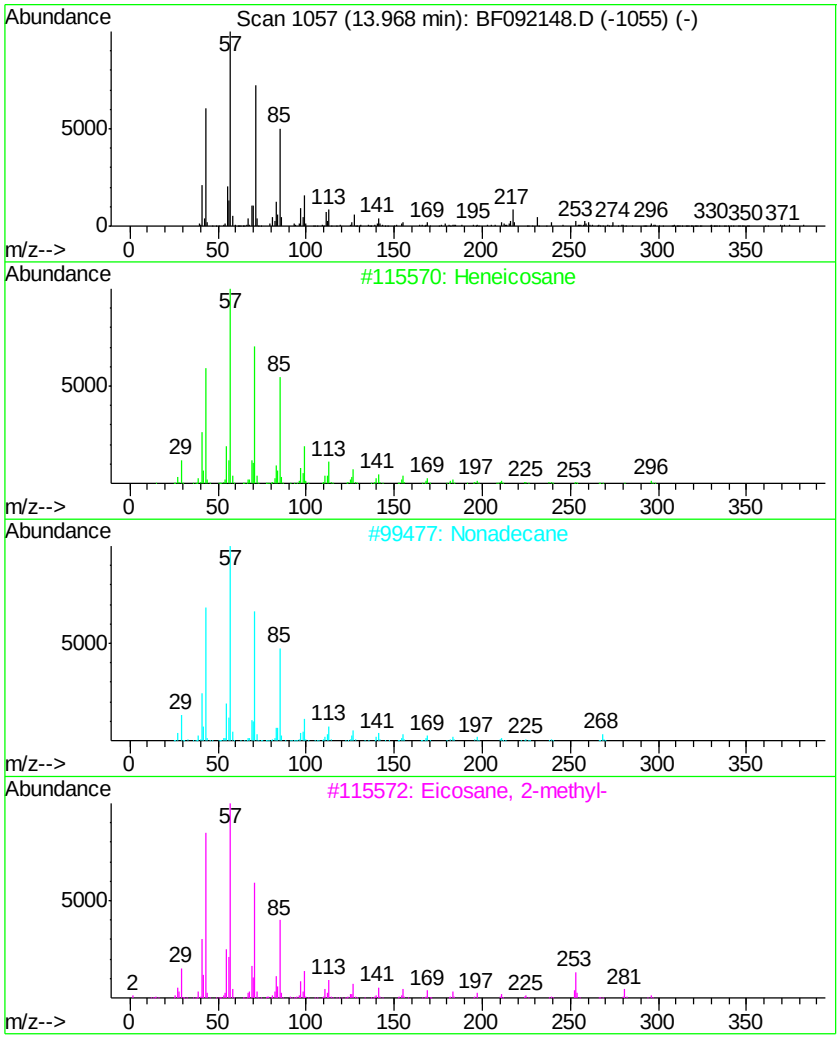
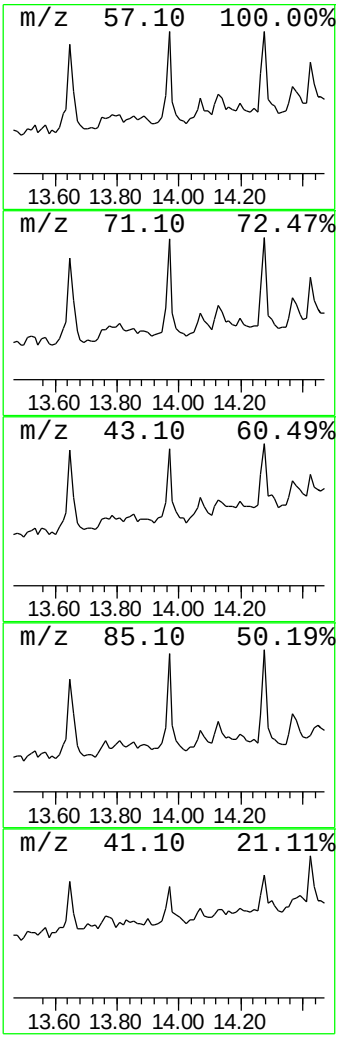
Peak Number 16 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.14 ng	487611	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Nonadecane	268	C19H40	000629-92-5	90
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





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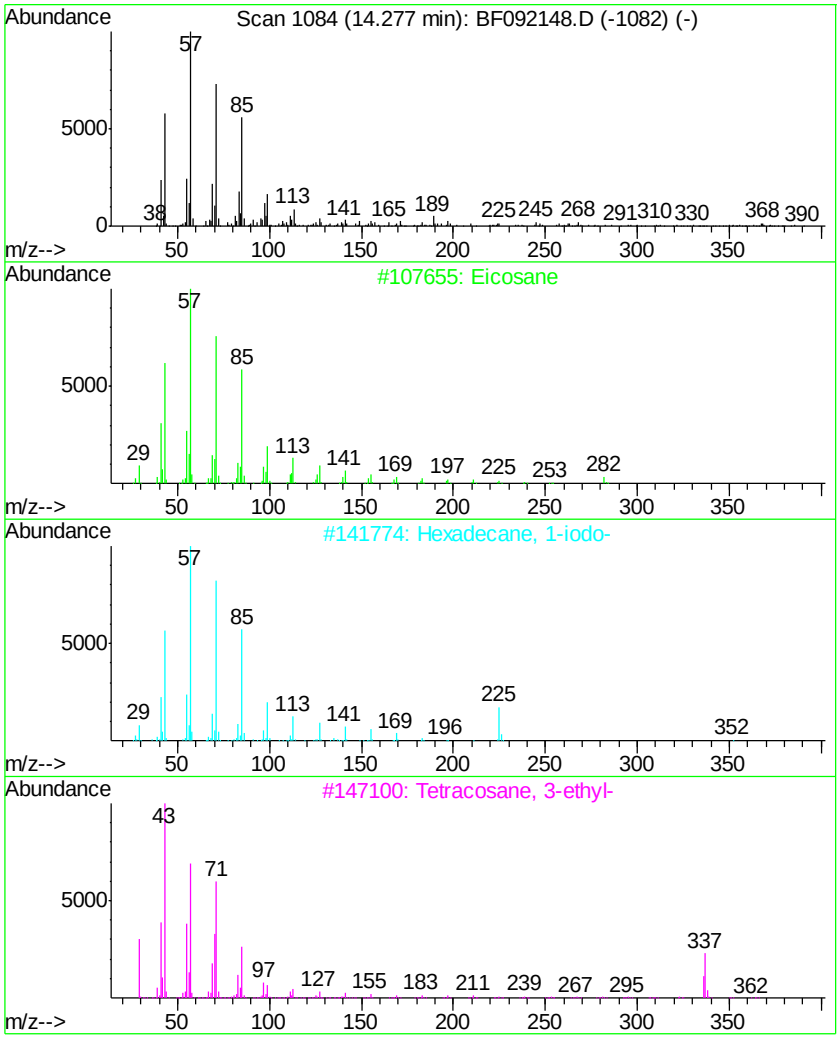
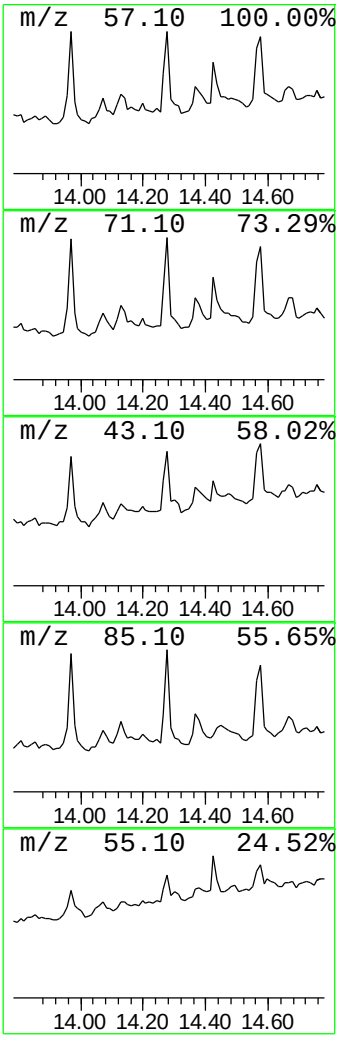
Peak Number 17 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	4.16 ng	491020	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
3	Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	81
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	72
5	Octacosane	394	C28H58	000630-02-4	72





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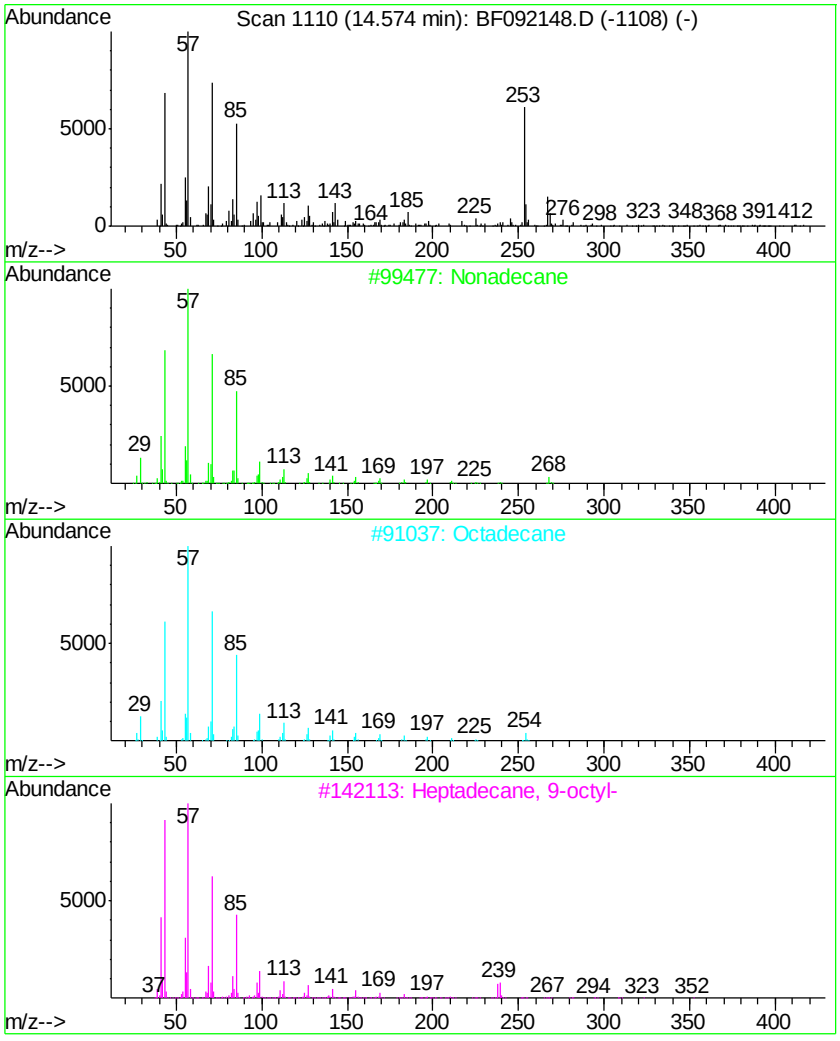
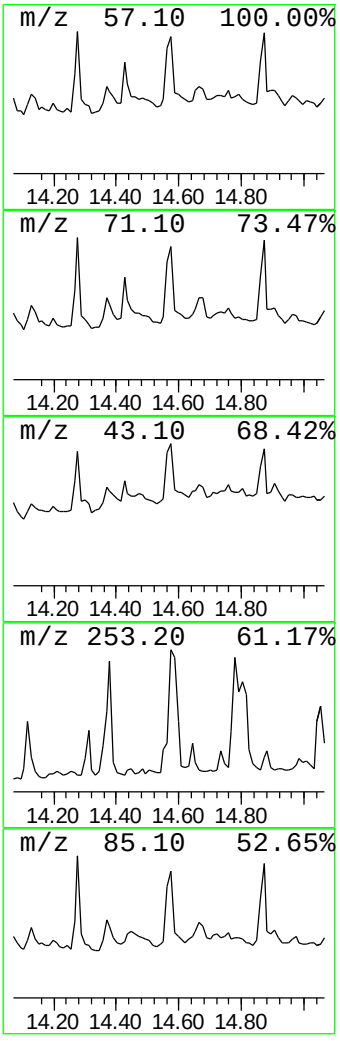
Peak Number 18 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	34.40 ng	817084	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Octadecane	254	C18H38	000593-45-3	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	78
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	60





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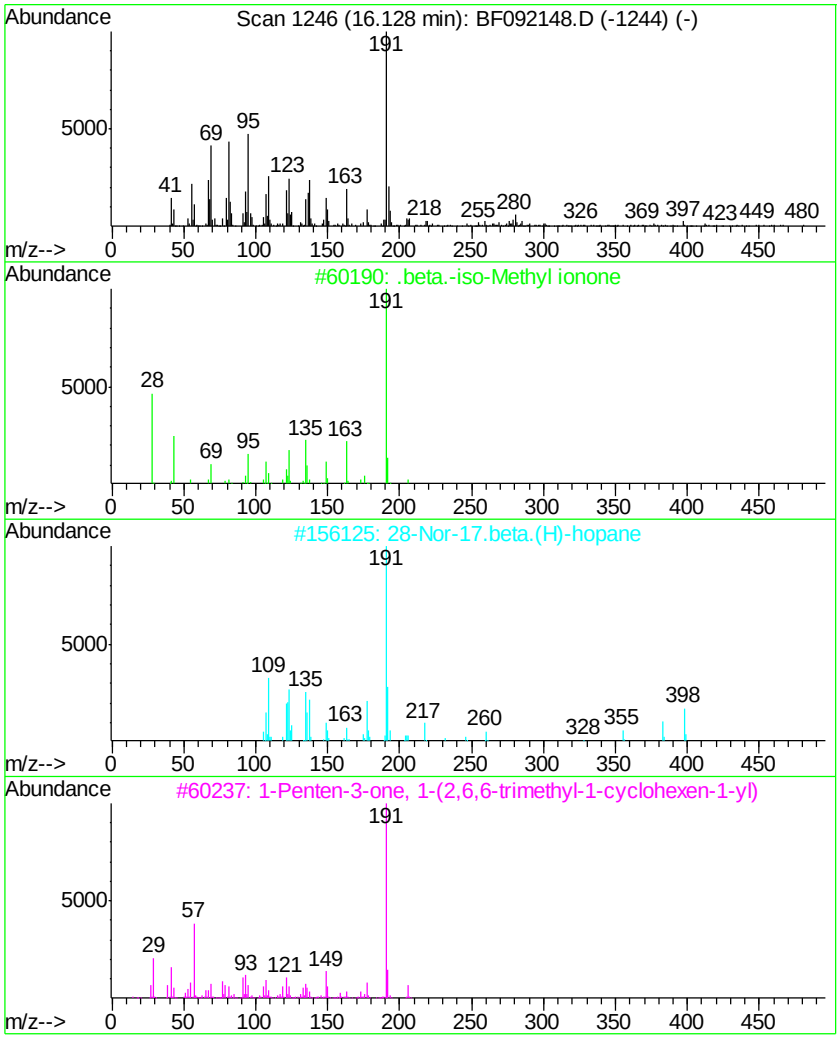
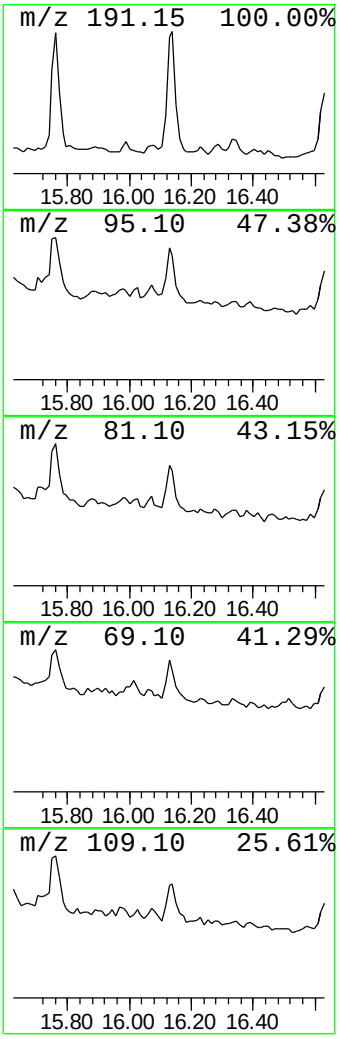
Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	34.63 ng	822543	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092148.D
Acq On : 9 Jan 2017 20:08
Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

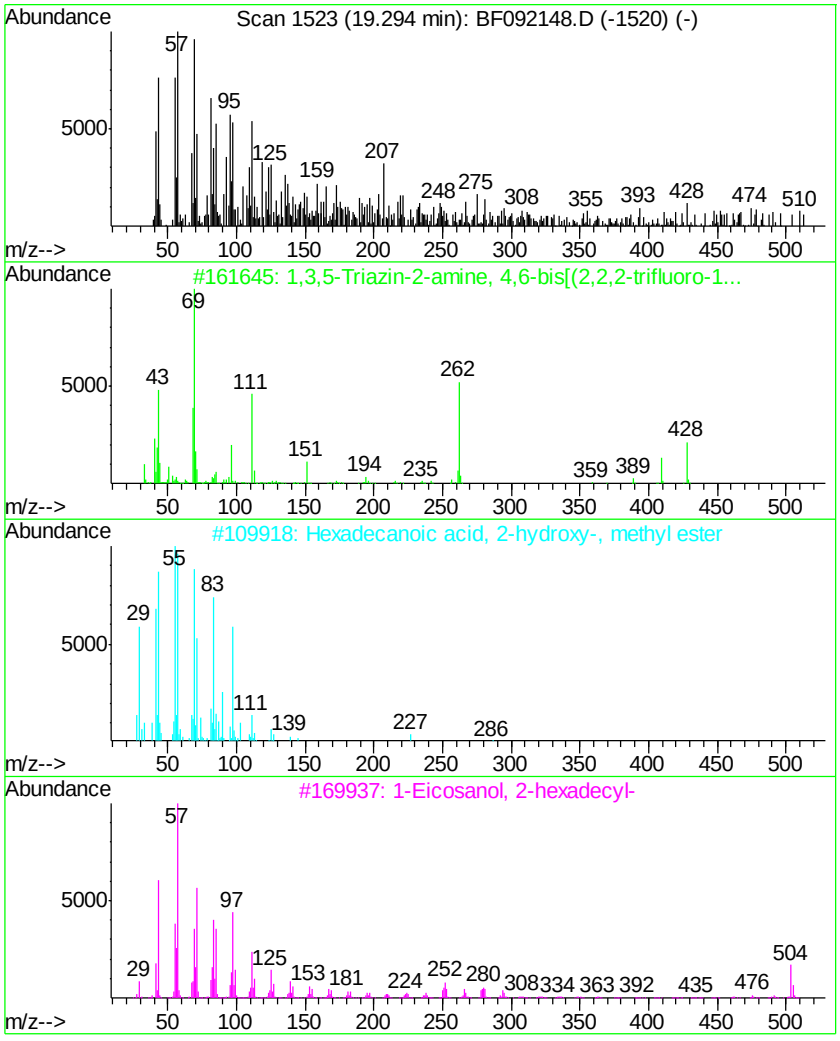
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

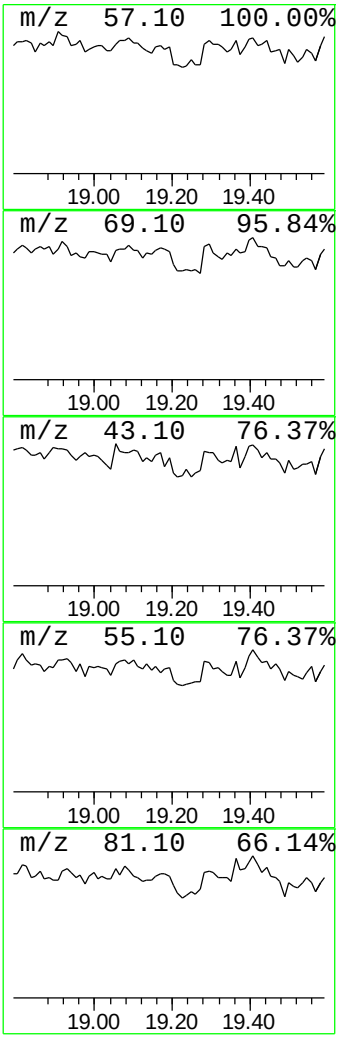
****

Peak Number 20 unknown19.29 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	24.15 ng	573629	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2-amine, 4,6-bis[(...	428	C9H4F12N4O2	301210-98-0	25
2	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	23
3	1-Eicosanol, 2-hexadecyl-	523	C36H74O	017658-63-8	22
4	Z-14-Nonacosane	406	C29H58	1000131-18-9	12
5	4,25-Secoobscurinervan-4-ol, 6,7...	428	C24H32N2O5	007236-84-2	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092148.D
Acq On : 9 Jan 2017 20:08
Operator : UM/SJ
Sample : I1057-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	28.9	ng	1834330	1	6.63	1269790	20.0
unknown6.40	6.40	70.3	ng	4463910	1	6.63	1269790	20.0
Heptacosane	10.33	4.7	ng	323714	3	9.67	1368540	20.0
Dodecane	10.58	11.1	ng	609664	4	11.14	1101180	20.0
Phenol, 4-(1,1,3,...	10.65	4.8	ng	265219	4	11.14	1101180	20.0
Phenol, 4-(1,1-di...	10.69	4.8	ng	264106	4	11.14	1101180	20.0
Acetamide, N-(3-m...	10.82	4.1	ng	226599	4	11.14	1101180	20.0
Pentadecane	11.03	9.3	ng	513716	4	11.14	1101180	20.0
Tridecane, 6-propyl-	11.45	4.8	ng	266559	4	11.14	1101180	20.0
Anthracene, 2-met...	11.65	6.0	ng	331488	4	11.14	1101180	20.0
n-Hexadecanoic acid	11.69	5.5	ng	303775	4	11.14	1101180	20.0
4H-Cyclopenta[def...	11.75	8.5	ng	467270	4	11.14	1101180	20.0
Heneicosane	13.97	4.1	ng	487611	5	13.79	2358340	20.0
Eicosane	14.28	4.2	ng	491020	5	13.79	2358340	20.0
Nonadecane	14.57	34.4	ng	817084	6	15.16	475088	20.0
.beta.-iso-Methyl...	16.13	34.6	ng	822543	6	15.16	475088	20.0
unknown19.29	19.29	24.1	ng	573629	6	15.16	475088	20.0