LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084682.D
Acq On : 30 Jan 2016 13:27
Operator : SJ/IZ
Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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	3.538	124	127	131	rBV	49364	91733	1.81%	0.143%
2	4.190	181	184	187	rBV	191684	282101	5.56%	0.440%
3	4.887	241	245	248	rBV	2327666	3449676	67.94%	5.378%
4	5.264	276	278	281	rBV	44158	65614	1.29%	0.102%
5	5.321	281	283	286	rBV	3298982	4228656	83.28%	6.592%
6	5.664	310	313	316	rVB	104244	145369	2.86%	0.227%
7	5.721	316	318	321	rVB	203420	208223	4.10%	0.325%
8	5.984	339	341	343	rVB	341032	289974	5.71%	0.452%
9	6.373	372	375	378	rBV	3557908	4117996	81.10%	6.420%
10	6.499	383	386	388	rVV	4531785	4763674	93.81%	7.426%
11	6.567	388	392	394	rVB2	63581	88054	1.73%	0.137%
12	6.727	404	406	408	rBV	991888	1105364	21.77%	1.723%
13	6.876	417	419	422	rVB	2925142	3308652	65.16%	5.158%
14	7.139	439	442	443	rBV	98567	95282	1.88%	0.149%
15	7.287	452	455	457	rBV	2043729	2979210	58.67%	4.644%
16	7.333	457	459	461	rVB2	71906	75341	1.48%	0.117%
17	7.722	491	493	495	rBV	74107	90232	1.78%	0.141%
18	7.756	495	496	500	rVB2	88325	88773	1.75%	0.138%
19	8.007	516	518	520	rBV	1607850	1473677	29.02%	2.297%
20	8.042	520	521	523	rVB	192585	133874	2.64%	0.209%
21	8.145	528	530	531	rBV	113536	104609	2.06%	0.163%
22	8.727	578	581	582	rBV2	45105	67284	1.33%	0.105%
23	9.093	610	613	615	rBV	5393916	5077751	100.00%	7.916%
24	9.173	615	620	623	rBV2	91048	139840	2.75%	0.218%
25	9.345	632	635	638	rBV2	48129	83844	1.65%	0.131%
26	9.425	640	642	645	rVV2	109729	185434	3.65%	0.289%
27	9.482	645	647	649	rVV	496061	653141	12.86%	1.018%
28	9.539	649	652	655	rVB2	54506	118276	2.33%	0.184%
29	9.710	665	667	669	rBV	149938	198200	3.90%	0.309%
30	9.756	669	671	673	rVV	1243561	1420823	27.98%	2.215%
31	9.790	673	674	678	rVB2	136889	146665	2.89%	0.229%
32	9.870	678	681	683	rVB3	42205	82817	1.63%	0.129%
33	9.916	683	685	688	rBV2	54450	140768	2.77%	0.219%
34	9.962	688	689	691	rVV	139583	119977	2.36%	0.187%

LSC Area Percent Report

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Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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	10.008	691	693	694	rVV2	42002	69150	1.36%	0.108%
36	10.076	697	699	700	rBV2	55704	64796	1.28%	0.101%
37	10.168	705	707	708	rVV	50546	67341	1.33%	0.105%
38	10.202	708	710	712	rVB	330263	289245	5.70%	0.451%
39	10.259	712	715	717	rVB3	32622	64201	1.26%	0.100%
40	10.305	717	719	720	rBV	136304	111386	2.19%	0.174%
41	10.373	722	725	726	rBV3	59719	87464	1.72%	0.136%
42	10.419	727	729	732	rVV	170068	233715	4.60%	0.364%
43	10.465	732	733	735	rVB2	71085	93382	1.84%	0.146%
44	10.545	738	740	742	rBV	2282062	2291506	45.13%	3.572%
45	10.670	750	751	755	rBV	305634	536204	10.56%	0.836%
46	10.853	764	767	768	rBV	58241	123171	2.43%	0.192%
47	11.048	782	784	786	rVB	164835	160703	3.16%	0.251%
48	11.093	786	788	789	rBV	69829	84286	1.66%	0.131%
49	11.128	789	791	796	rVB3	204237	448415	8.83%	0.699%
50	11.242	798	801	802	rBV	1356565	1403652	27.64%	2.188%
51	11.265	802	803	805	rVV	1804965	1298560	25.57%	2.024%
52	11.311	805	807	809	rVB	288554	282225	5.56%	0.440%
53	11.471	819	821	822	rBV	81739	87848	1.73%	0.137%
54	11.551	825	828	829	rVV2	138732	196674	3.87%	0.307%
55	11.573	829	830	834	rVB2	163152	205772	4.05%	0.321%
56	11.699	839	841	842	rBV	63448	80611	1.59%	0.126%
57	11.745	842	845	846	rBV	263052	319282	6.29%	0.498%
58	11.768	846	847	850	rVB	439906	367744	7.24%	0.573%
59	11.813	850	851	852	rBV	161034	117632	2.32%	0.183%
60	11.848	852	854	859	rVB	427370	700868	13.80%	1.093%
61	11.951	862	863	866	rVB3	108234	141461	2.79%	0.221%
62	12.031	868	870	876	rVB2	156137	390576	7.69%	0.609%
63	12.191	880	884	885	rBV2	88502	154946	3.05%	0.242%
64	12.294	891	893	894	rBV	264802	305745	6.02%	0.477%
65	12.328	894	896	899	rVV2	136003	321070	6.32%	0.501%
66	12.374	899	900	903	rVB	530389	467266	9.20%	0.728%
67	12.454	904	907	909	rBV	980490	1253591	24.69%	1.954%
68	12.499	909	911	913	rBV3	69976	116826	2.30%	0.182%
69	12.545	913	915	917	rVB2	73166	82030	1.62%	0.128%
70	12.591	917	919	922	rBV3	73141	141255	2.78%	0.220%
71	12.671	924	926	929	rBV	1050048	1565527	30.83%	2.441%

LSC Area Percent Report

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Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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Peak separation: 5

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

72	12.831	938	940	942	rVB	3083875	3238845	63.79%	5.049%
73	12.899	942	946	947	rBV2	111756	120496	2.37%	0.188%
74	13.002	952	955	957	rVB2	199086	347640	6.85%	0.542%
75	13.048	957	959	960	rBV	82254	120346	2.37%	0.188%
76	13.071	960	961	962	rVB	131017	89812	1.77%	0.140%
77	13.105	962	964	965	rBV	216354	212633	4.19%	0.331%
78	13.196	970	972	974	rBV	237021	238385	4.69%	0.372%
79	13.231	974	975	977	rVV	132940	108129	2.13%	0.169%
80	13.311	980	982	985	rVV3	151144	272494	5.37%	0.425%
81	13.368	985	987	988	rVV	71018	72265	1.42%	0.113%
82	13.402	988	990	996	rVB5	124701	280234	5.52%	0.437%
83	13.505	997	999	1002	rVV	115822	169733	3.34%	0.265%
84	13.619	1007	1009	1010	rBV	173890	204335	4.02%	0.319%
85	13.734	1016	1019	1023	rVB2	259740	443516	8.73%	0.691%
86	13.871	1028	1031	1036	rVB2	1357402	2383531	46.94%	3.716%
87	14.259	1063	1065	1066	rBV	146154	137817	2.71%	0.215%
88	14.294	1066	1068	1069	rVB	86468	74398	1.47%	0.116%
89	14.328	1069	1071	1072	rBV2	94822	126601	2.49%	0.197%
90	14.637	1096	1098	1102	rBV	439417	604735	11.91%	0.943%
91	14.717	1103	1105	1107	rVV2	108943	137550	2.71%	0.214%
92	14.877	1116	1119	1123	rVB	563011	1007798	19.85%	1.571%
93	15.140	1140	1142	1145	rVB	276961	446908	8.80%	0.697%
94	15.197	1145	1147	1150	rVB	418779	581890	11.46%	0.907%
95	15.254	1150	1152	1154	rBV	622678	937845	18.47%	1.462%
96	16.271	1239	1241	1248	rVB3	139828	293013	5.77%	0.457%
97	16.568	1264	1267	1271	rBV2	236785	438830	8.64%	0.684%
98	16.728	1278	1281	1283	rBV	58350	126743	2.50%	0.198%
99	16.957	1298	1301	1307	rBV	189583	373847	7.36%	0.583%
100	17.094	1310	1313	1317	rVV5	89253	209297	4.12%	0.326%

Sum of corrected areas: 64146696

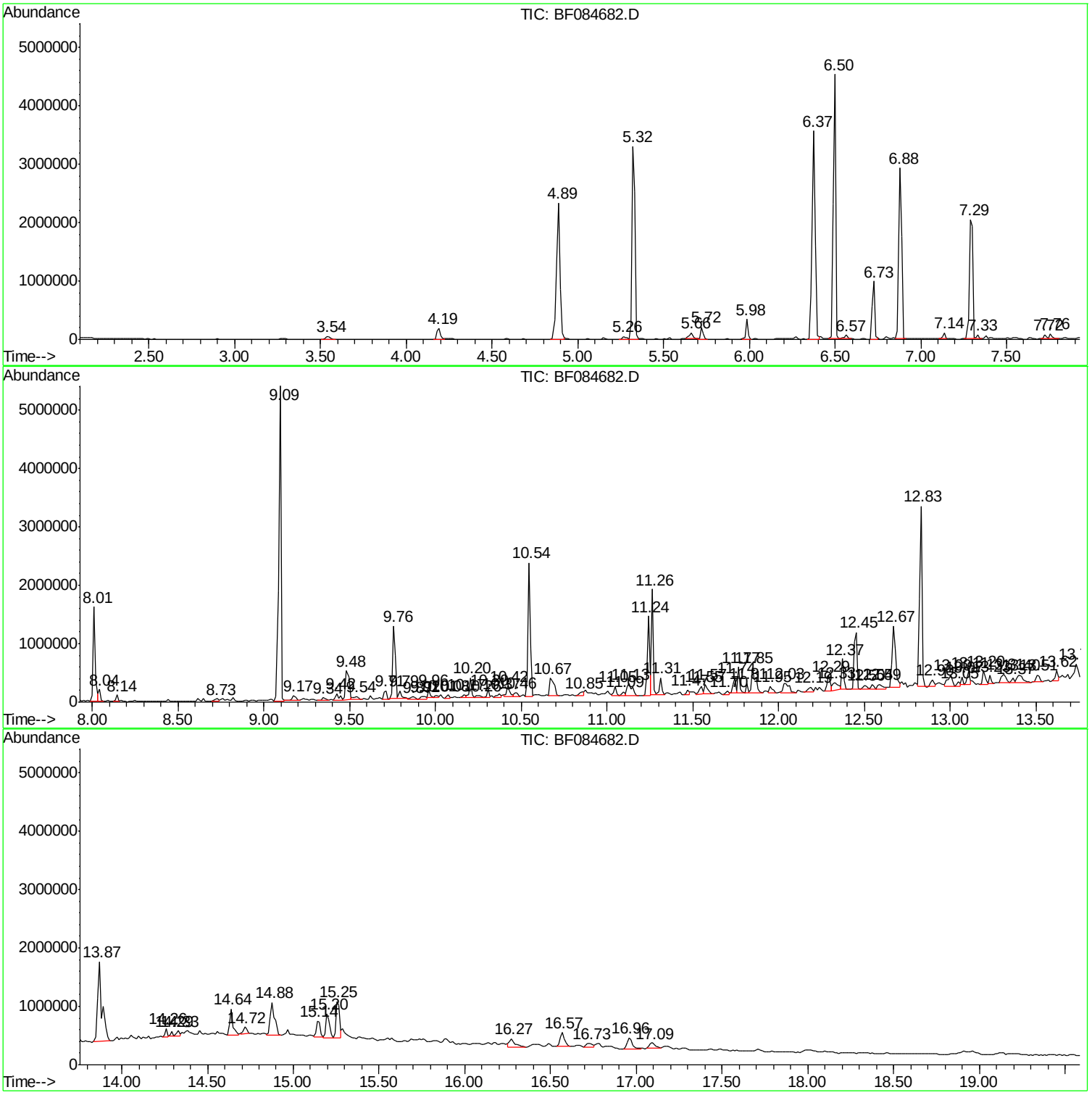
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084682.D
Acq On : 30 Jan 2016 13:27
Operator : SJ/IZ
Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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 : BF084682.D
Acq On : 30 Jan 2016 13:27
Operator : SJ/IZ
Sample : H1272-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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

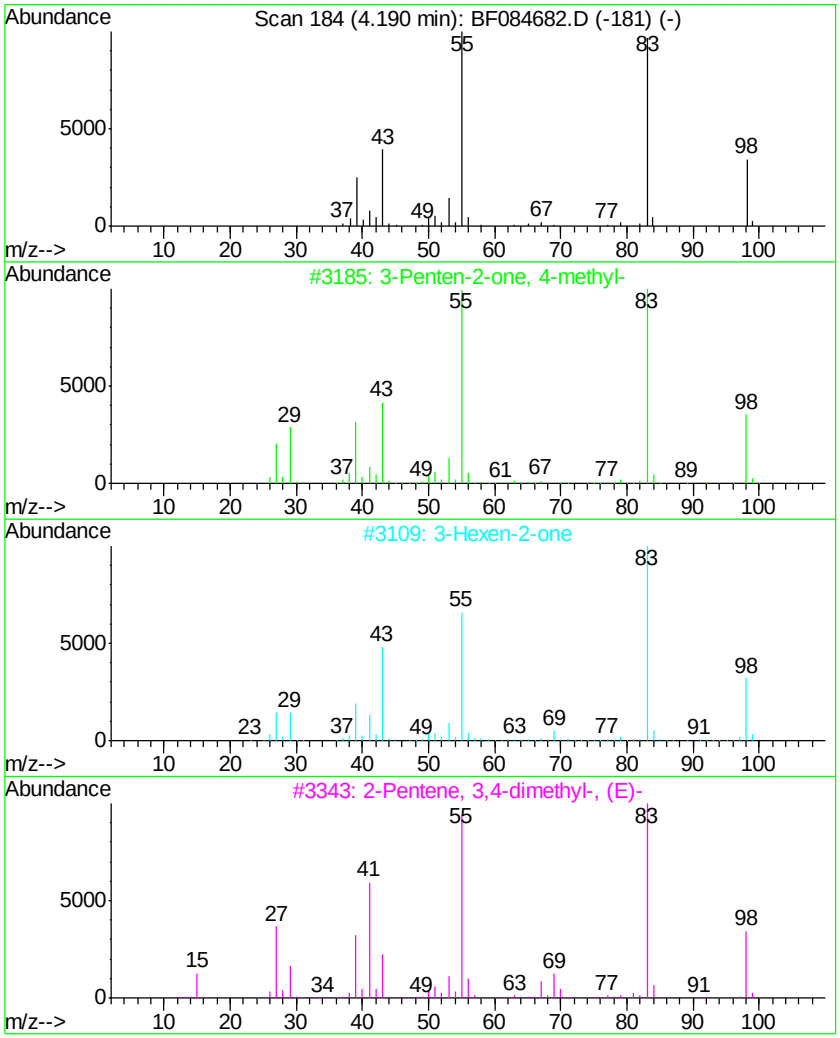
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

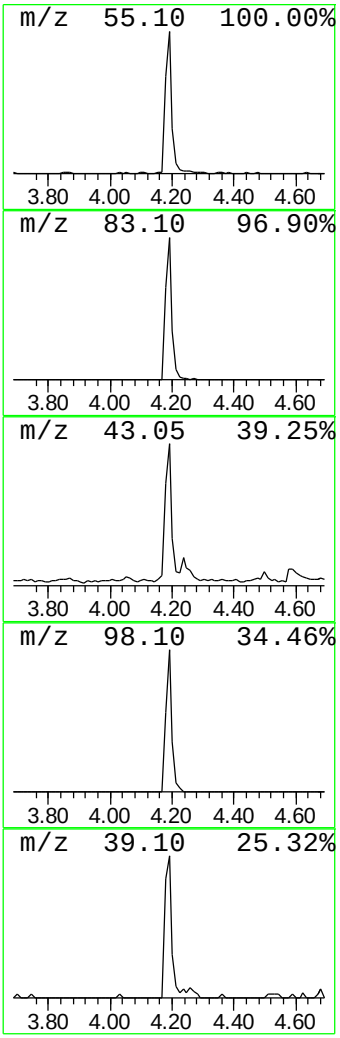
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	5.10 ng	282101	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	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084682.D
Acq On : 30 Jan 2016 13:27
Operator : SJ/IZ
Sample : H1272-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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

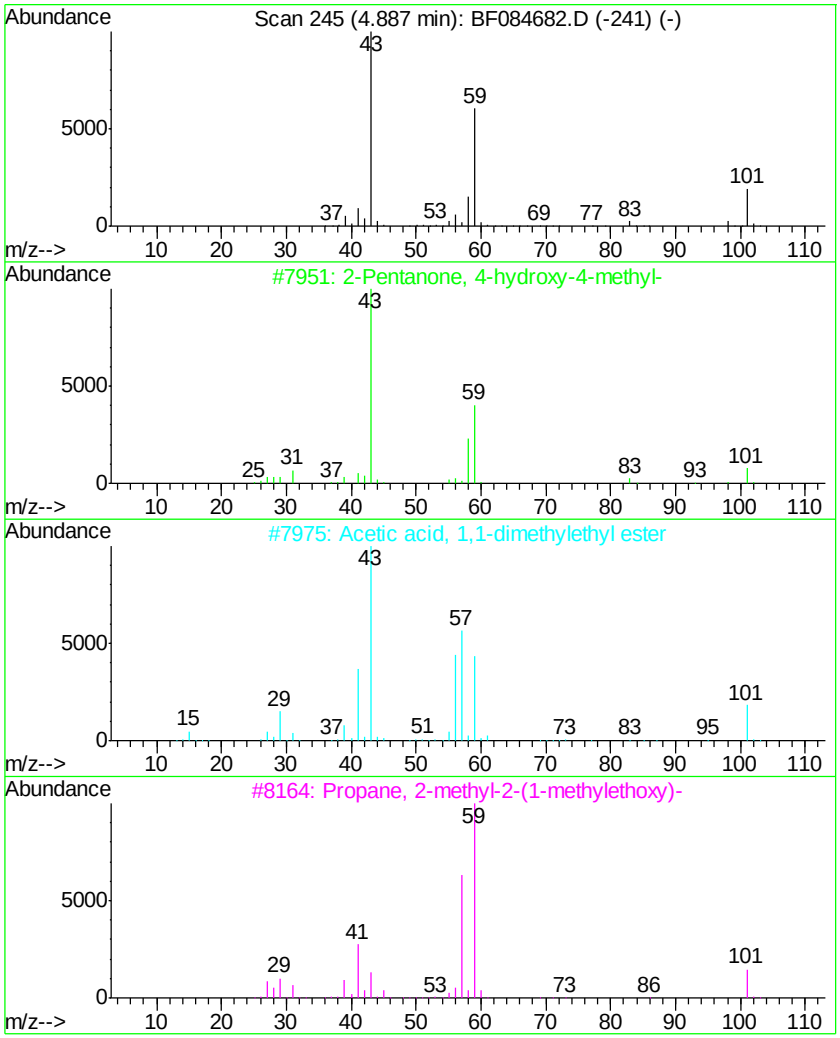
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

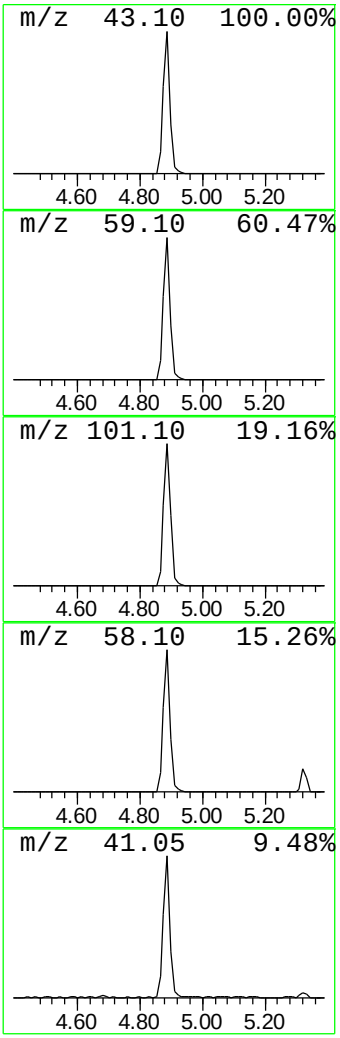
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	62.42 ng	3449680	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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

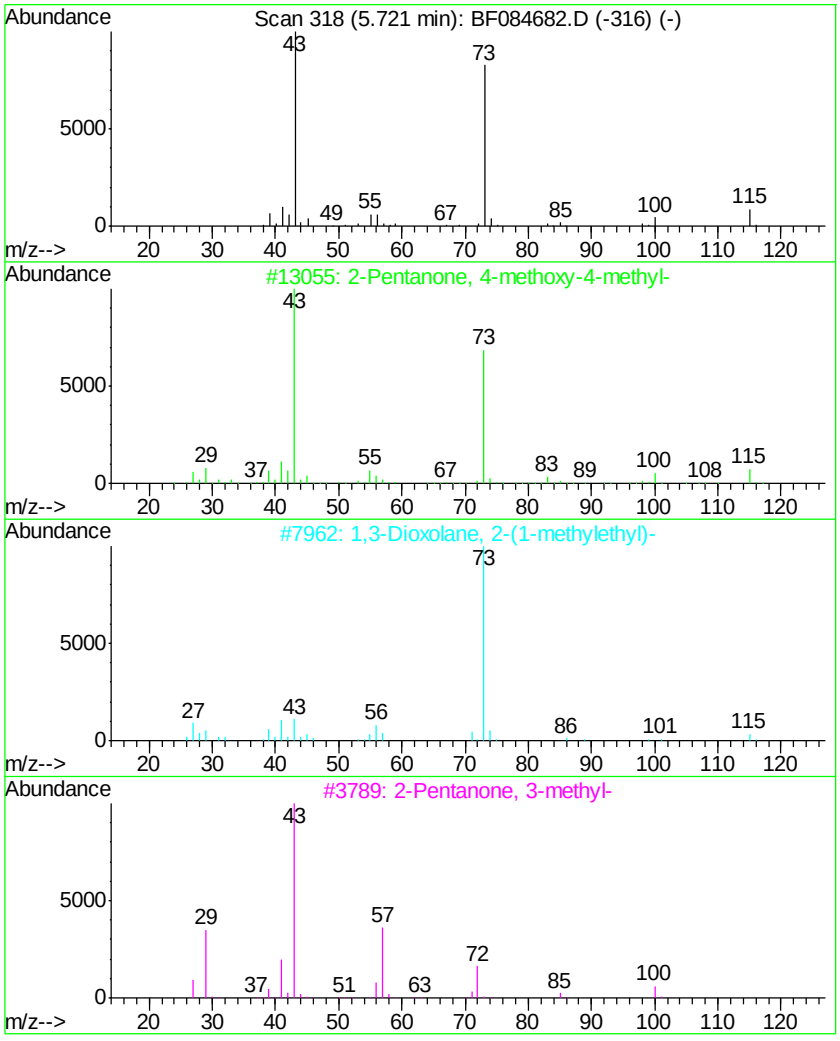
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

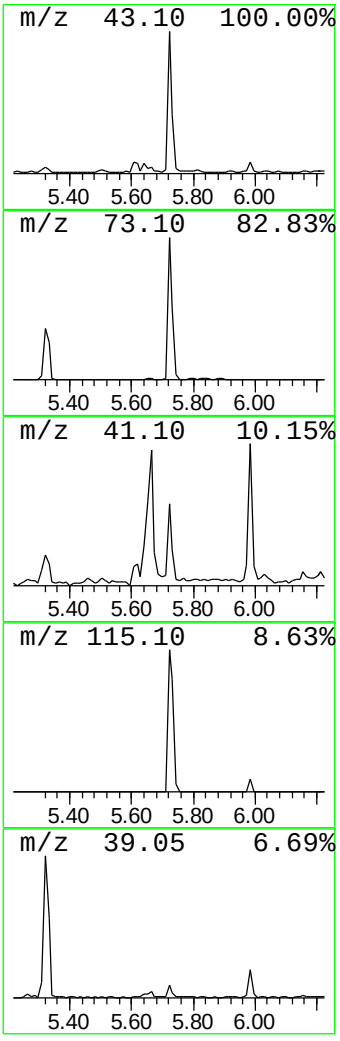
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	3.77 ng	208223	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	90
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	25
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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

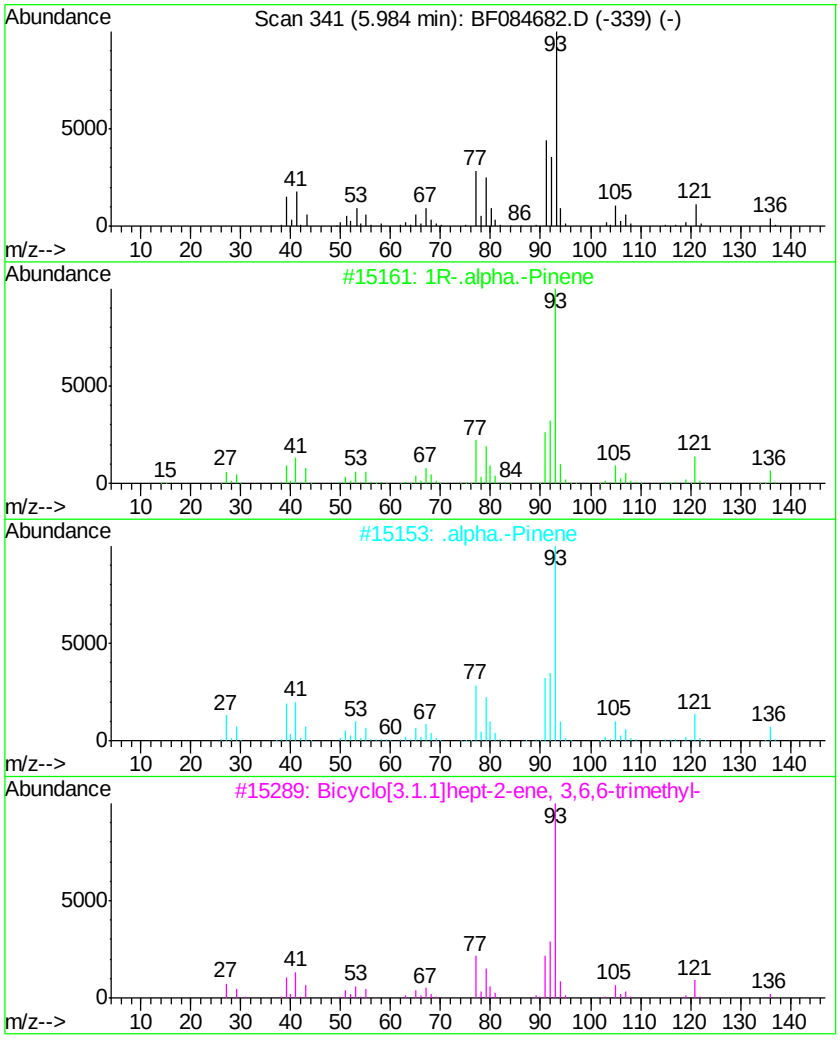
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

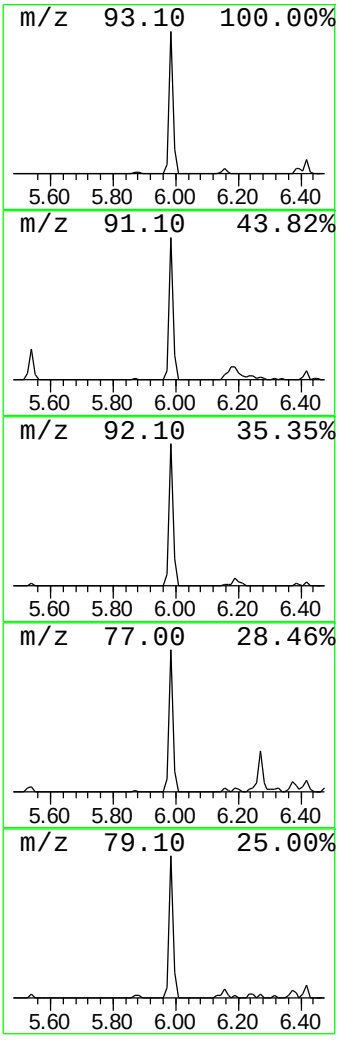
****

Peak Number 4 1R-.alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	5.25 ng	289974	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	Bicyclo[4.1.0]hept-3-ene, 3,7,7-...	136	C10H16	000498-15-7	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





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Data File : BF084682.D
Acq On : 30 Jan 2016 13:27
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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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

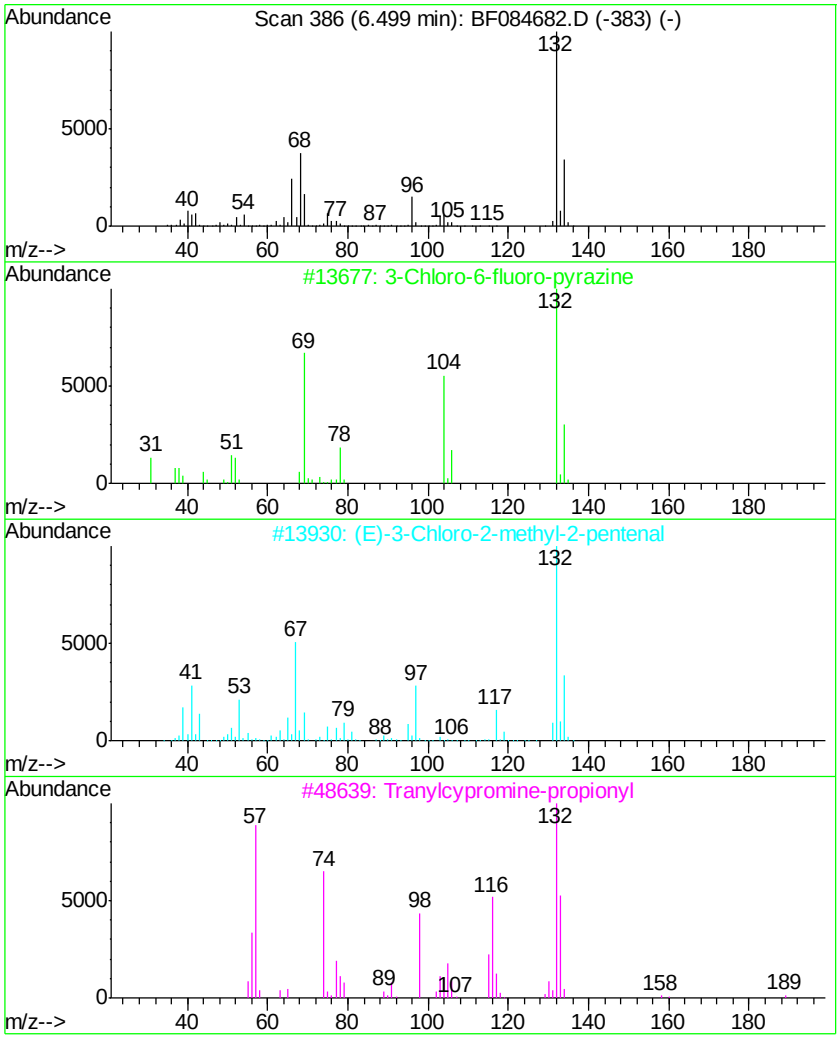
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

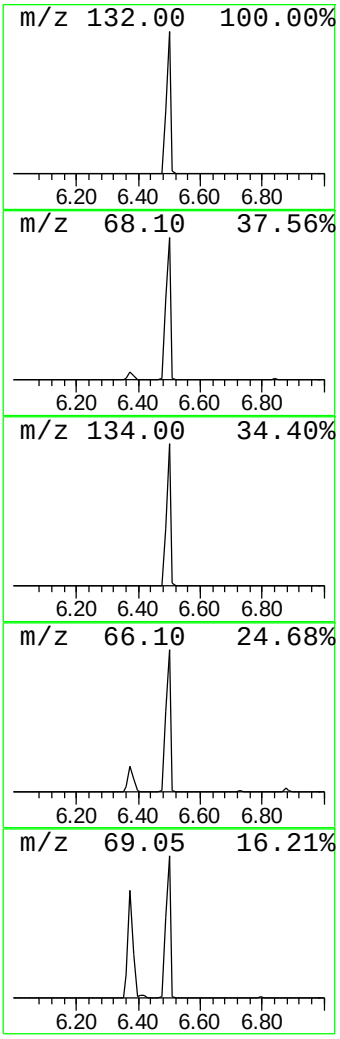
****

Peak Number 5 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	86.19 ng	4763670	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Acq On : 30 Jan 2016 13:27
Operator : SJ/IZ
Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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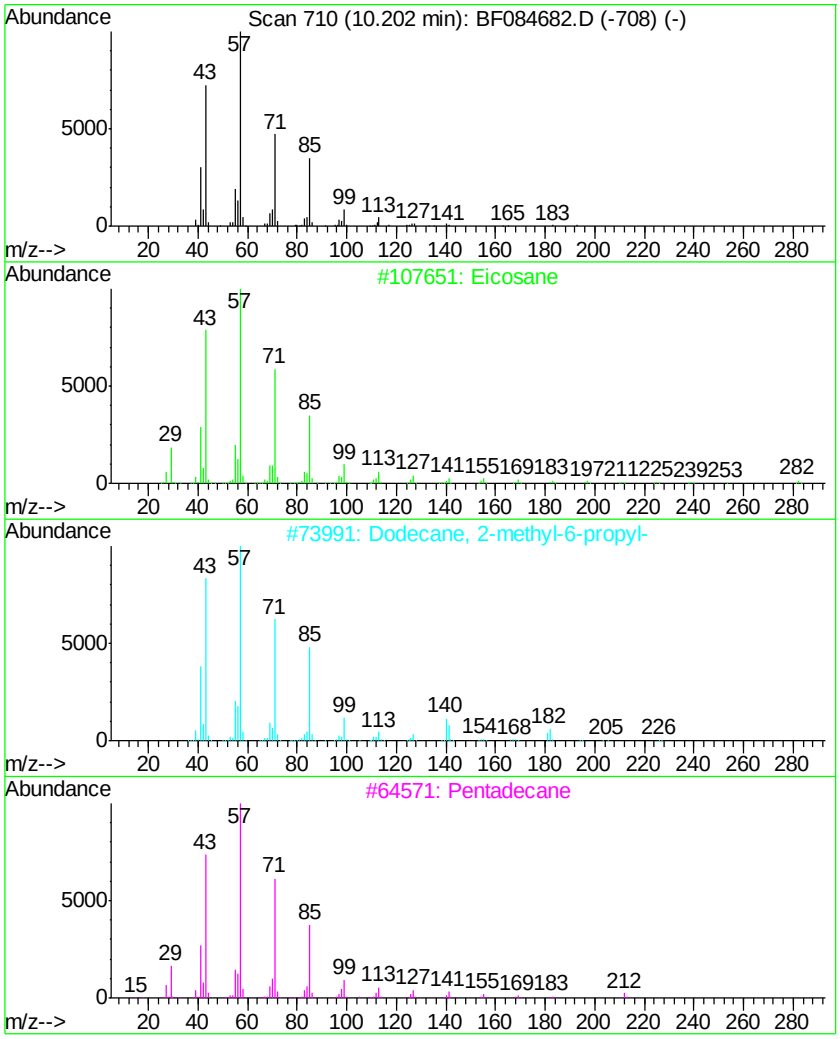
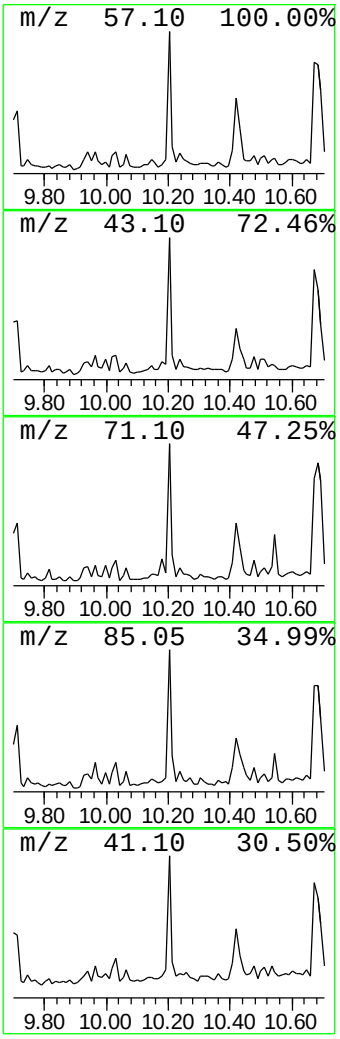
Peak Number 7 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.07 ng	289245	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	86





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ClientSampleId : SUP-B013(15-16)

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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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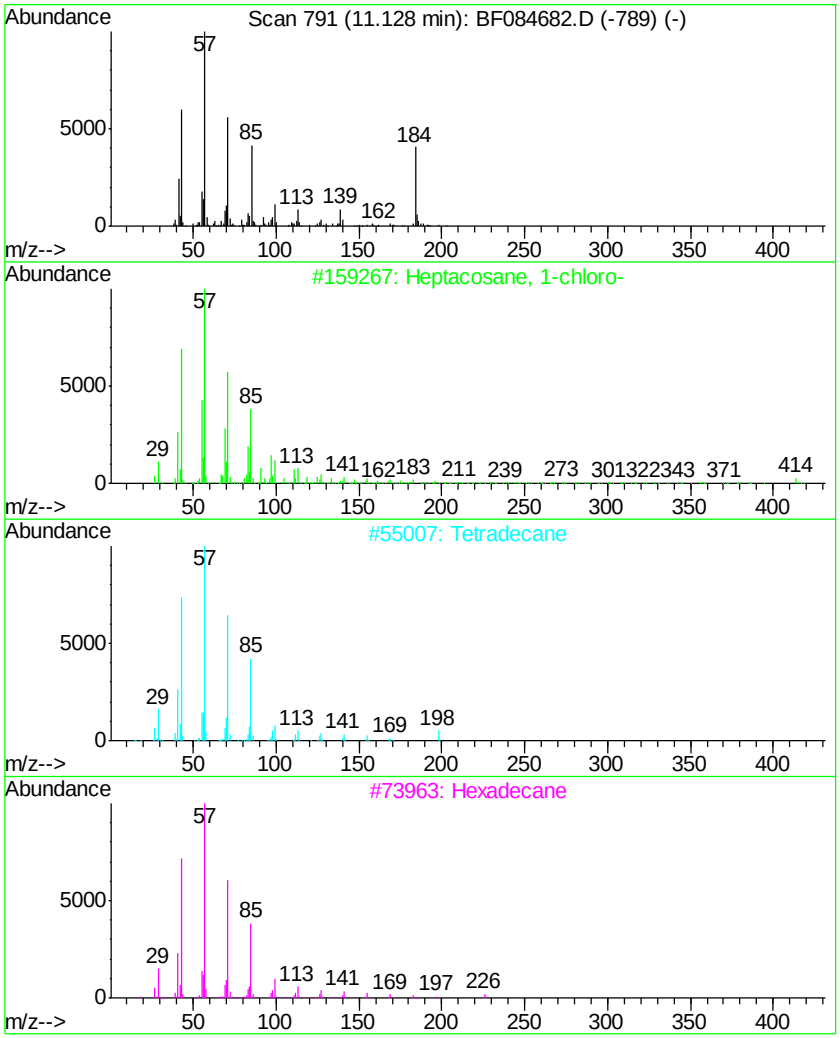
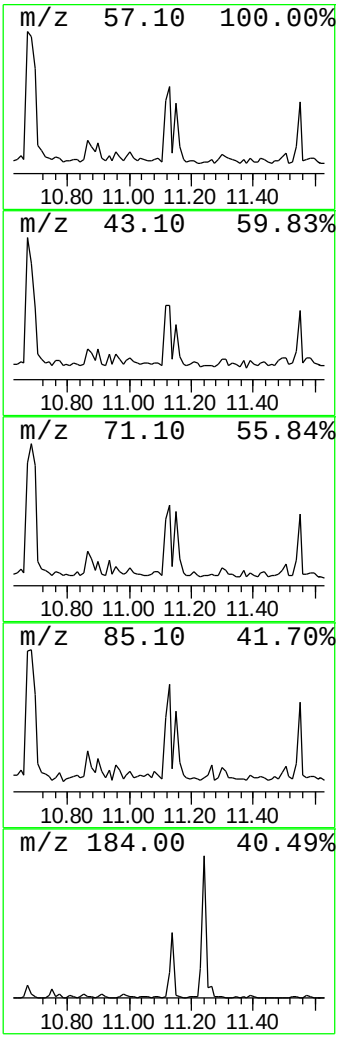
Peak Number 9 Heptacosane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.39 ng	448415	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52
2	Tetradecane	198	C14H30	000629-59-4	52
3	Hexadecane	226	C16H34	000544-76-3	52
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	52
5	Heptacosane	380	C27H56	000593-49-7	52





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Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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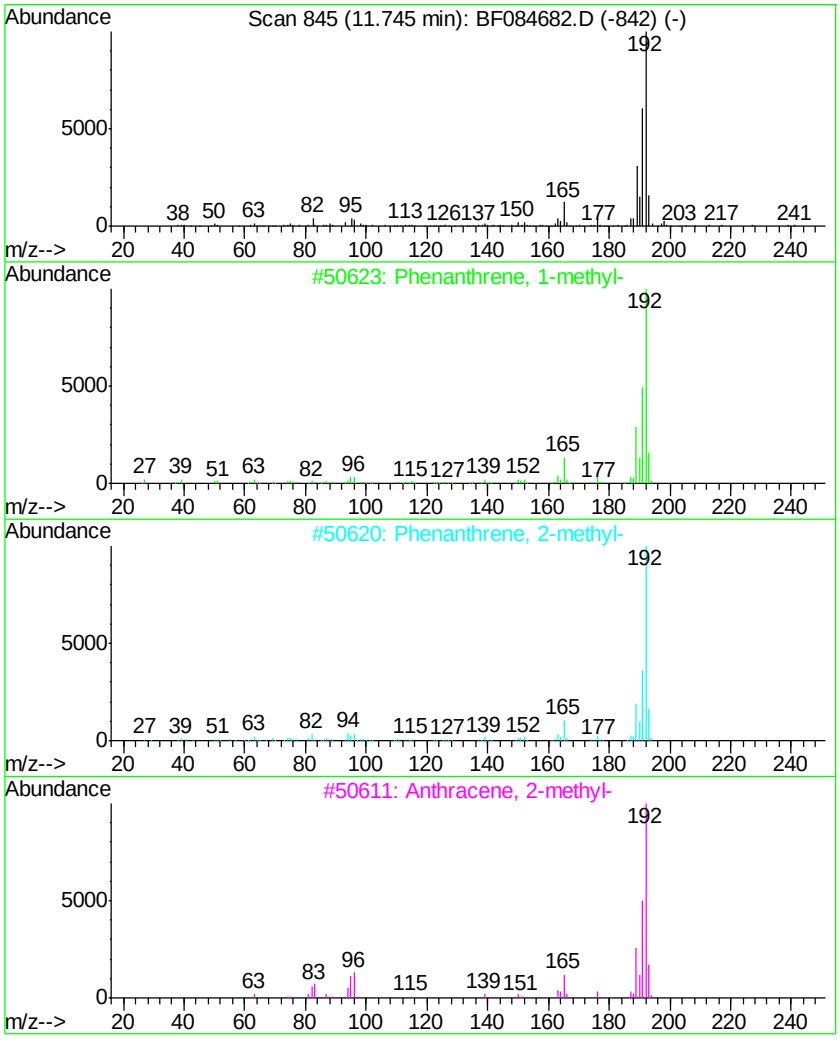
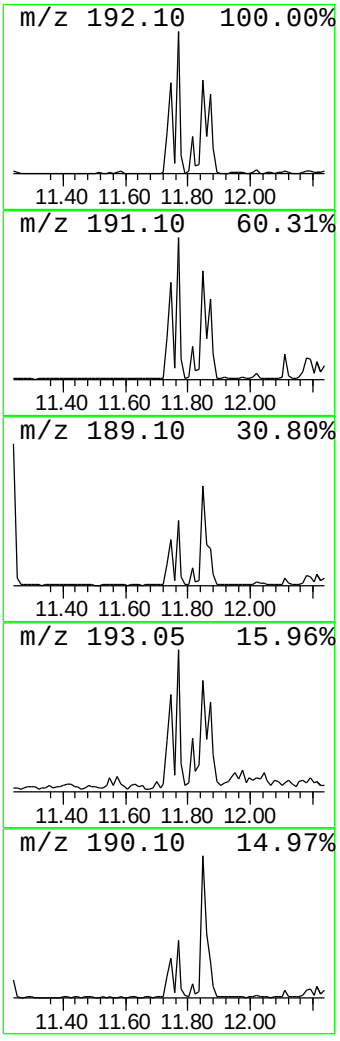
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.55 ng	319282	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : H1272-08
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Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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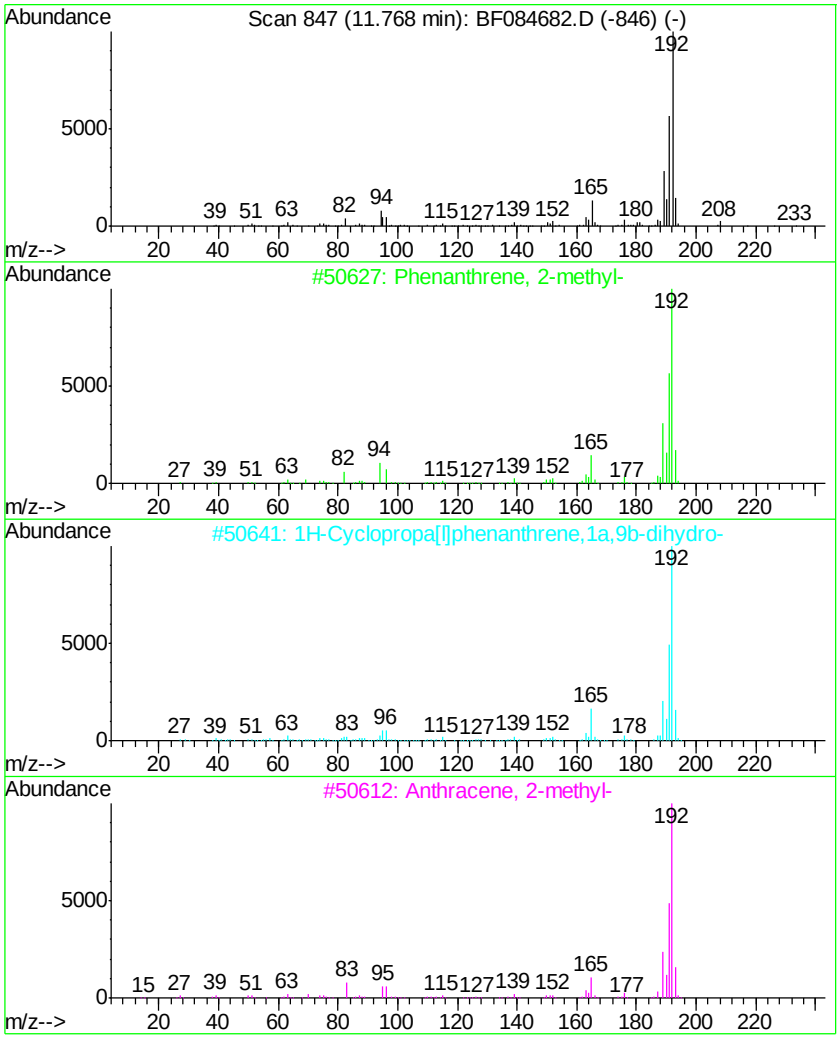
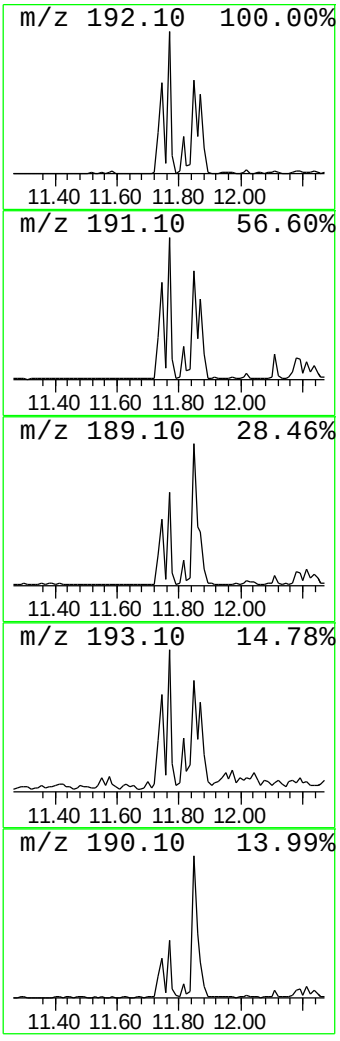
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.24 ng	367744	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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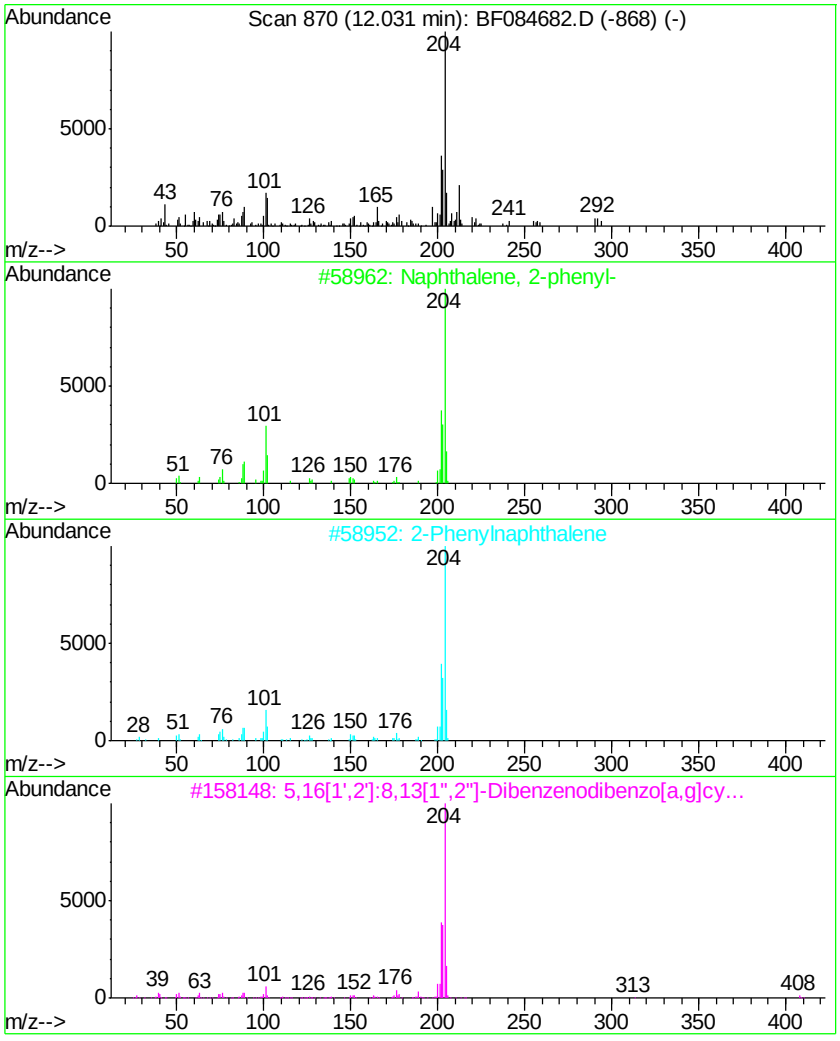
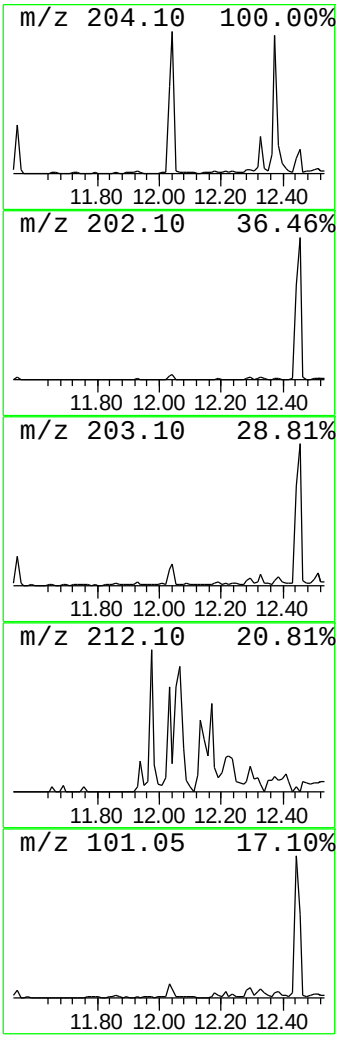
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.57 ng	390576	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	70
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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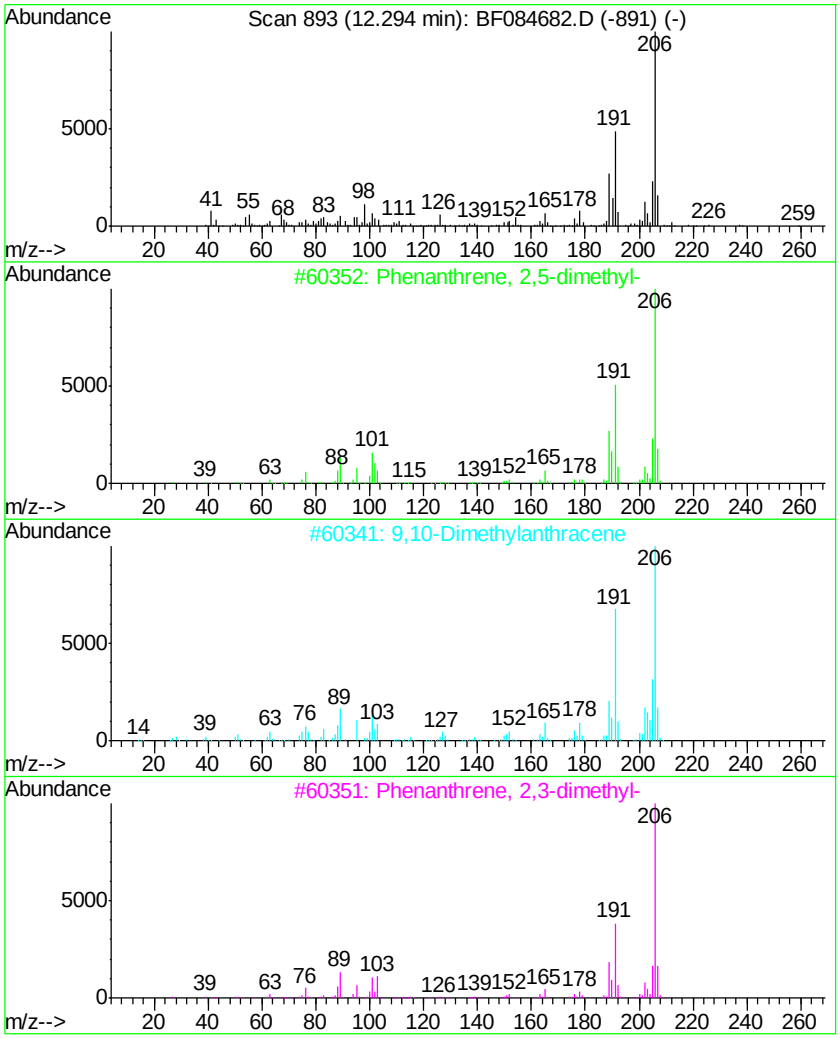
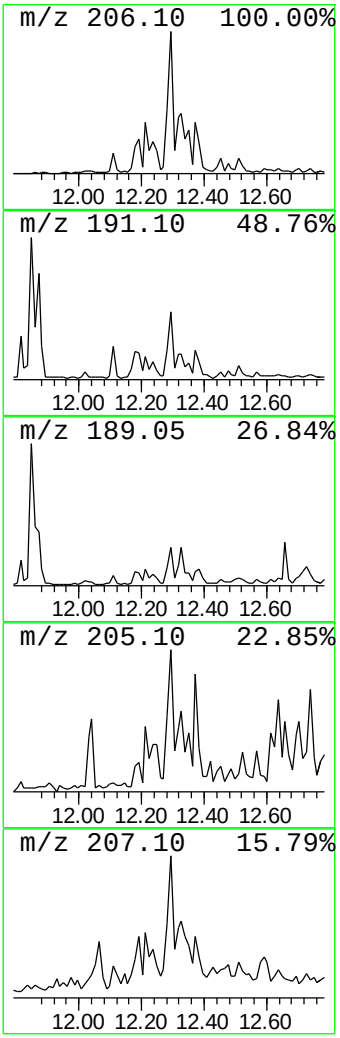
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.36 ng	305745	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	80





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Operator : SJ/IZ
Sample : H1272-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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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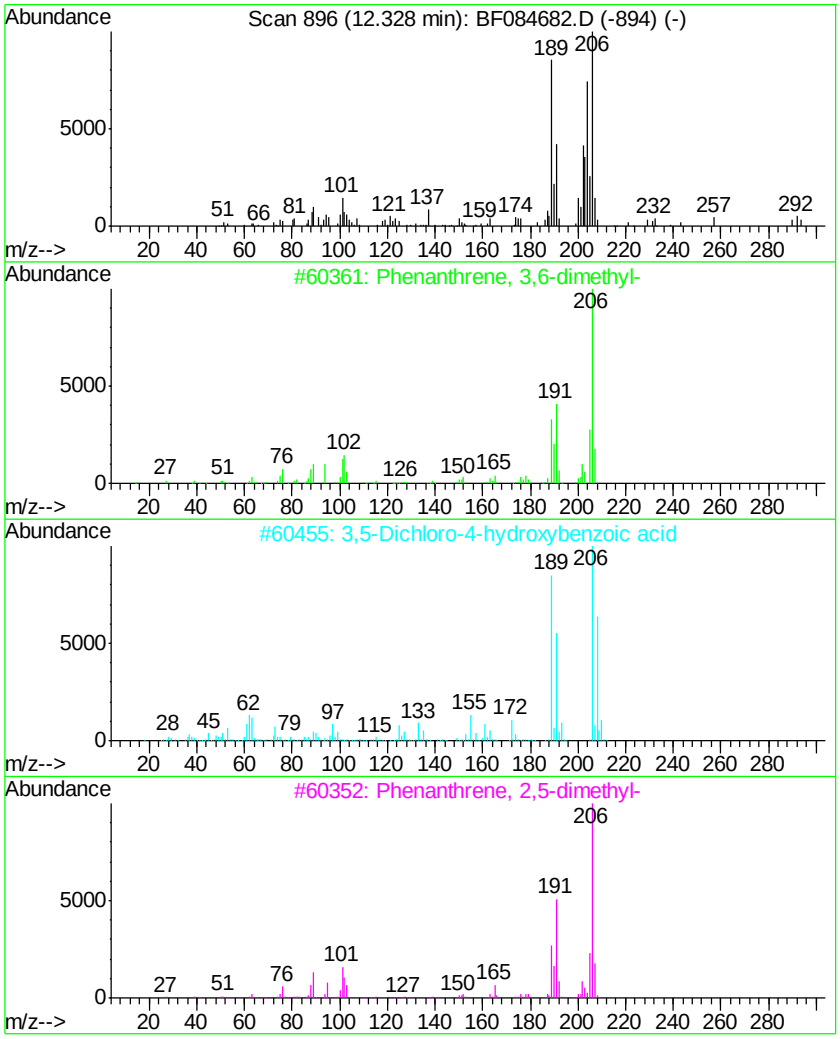
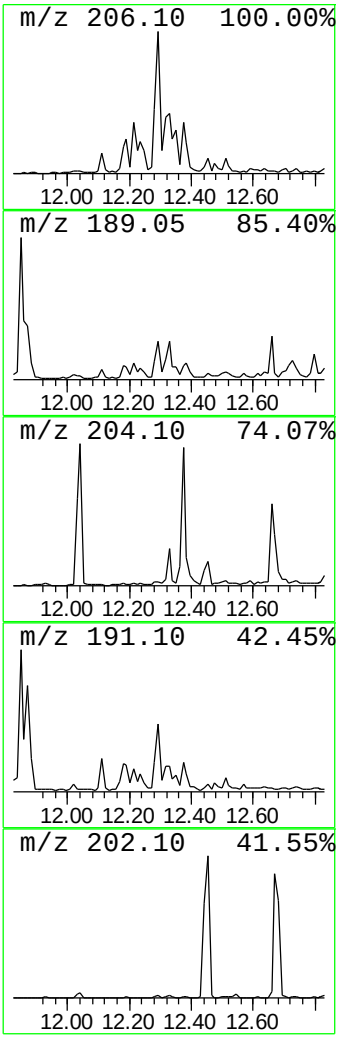
Peak Number 15 unknown12.33 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	4.57 ng	321070	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	43
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	35





Library Search Compound Report

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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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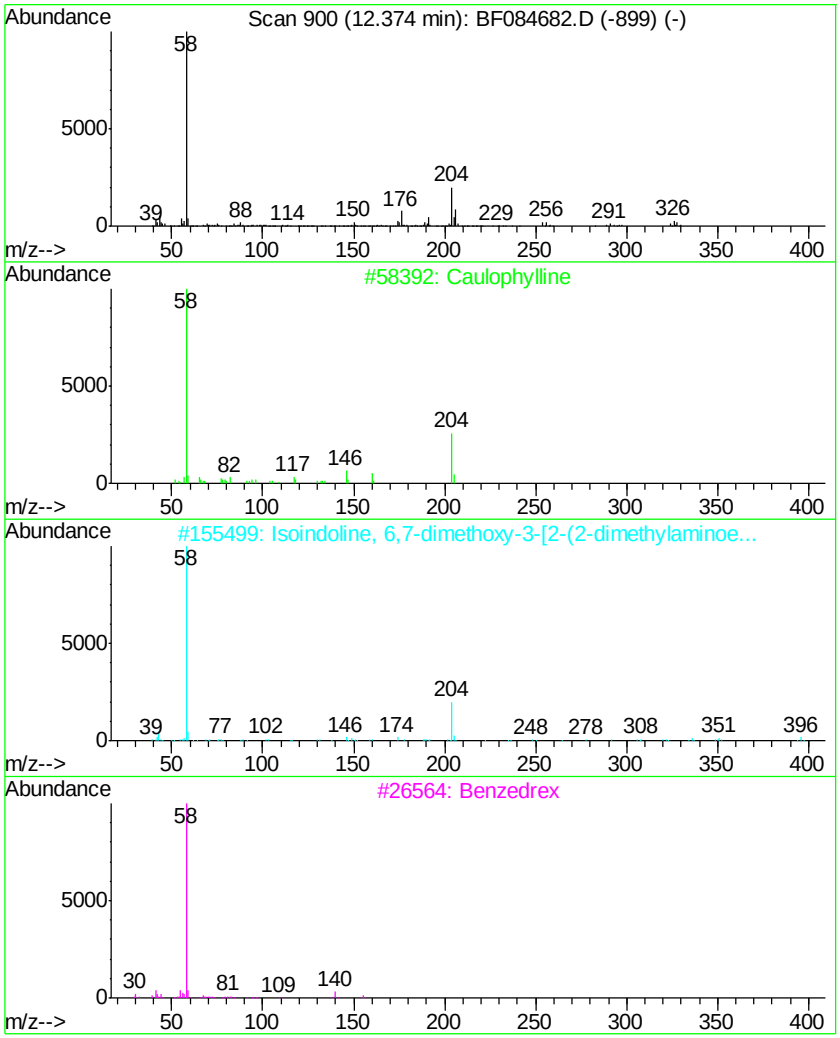
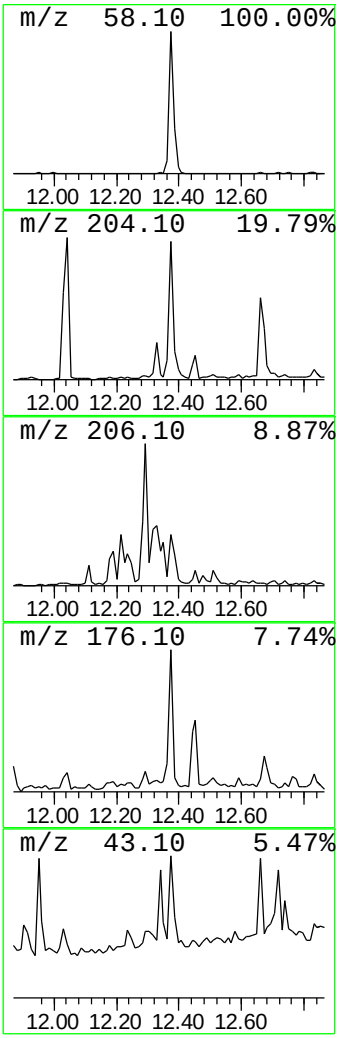
Peak Number 16 Caulophylline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.66 ng	467266	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caulophylline	204	C12H16N2O	000486-86-2	64
2	Isoindoline, 6,7-dimethoxy-3-[2-...	396	C22H24N2O5	030341-98-1	50
3	Benzedrex	155	C10H21N	000101-40-6	49
4	1-Octadecanamine, N,N-dimethyl-	297	C20H43N	000124-28-7	49
5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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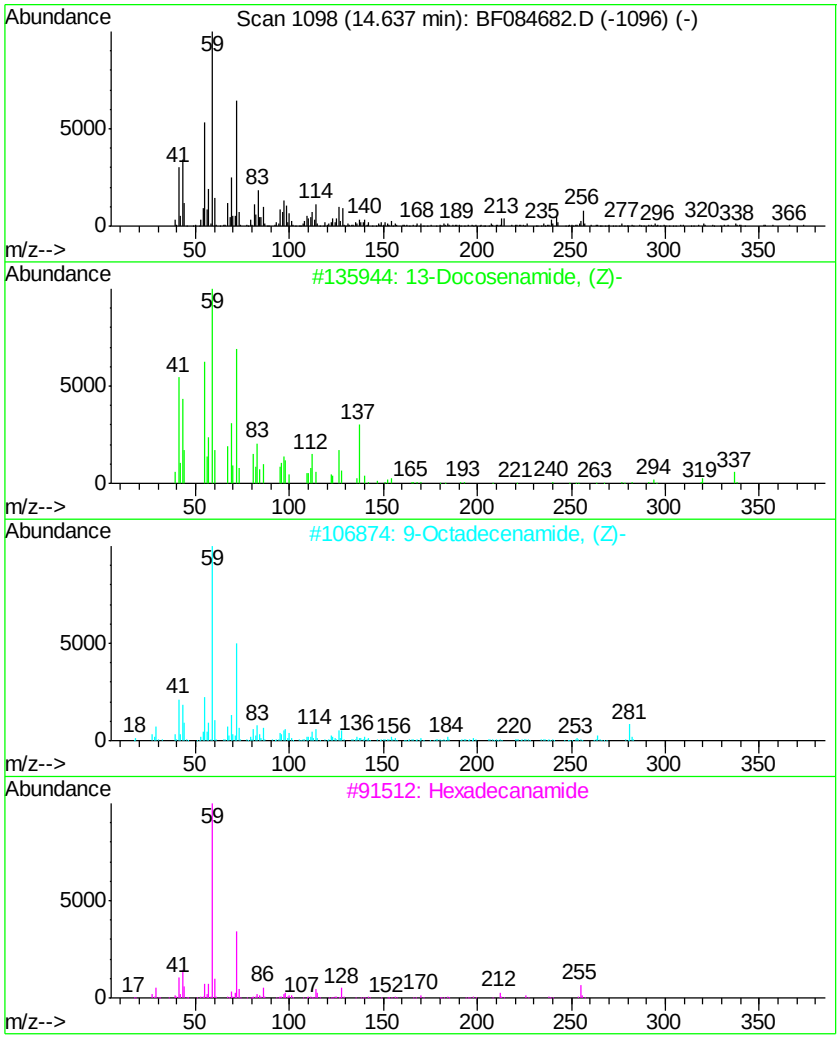
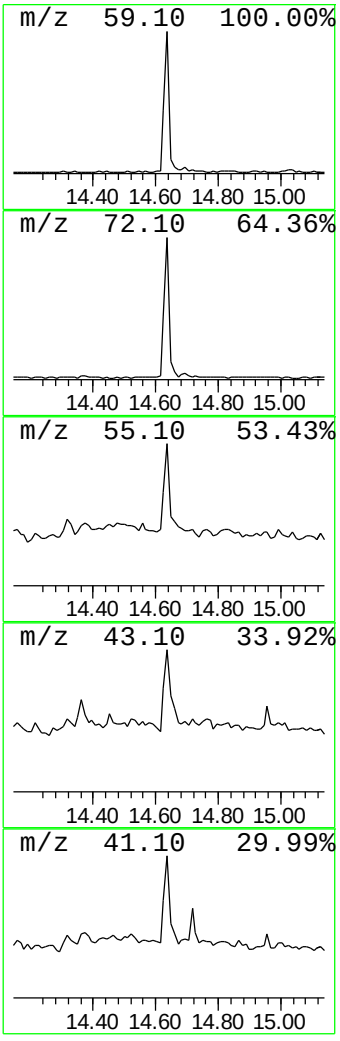
Peak Number 17 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	12.90 ng	604735	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Hexadecanamide	255	C16H33NO	000629-54-9	80
4	Tetradecanamide	227	C14H29NO	000638-58-4	72
5	Octadecanamide	283	C18H37NO	000124-26-5	72





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Sample : H1272-08
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ClientSampleId : SUP-B013(15-16)

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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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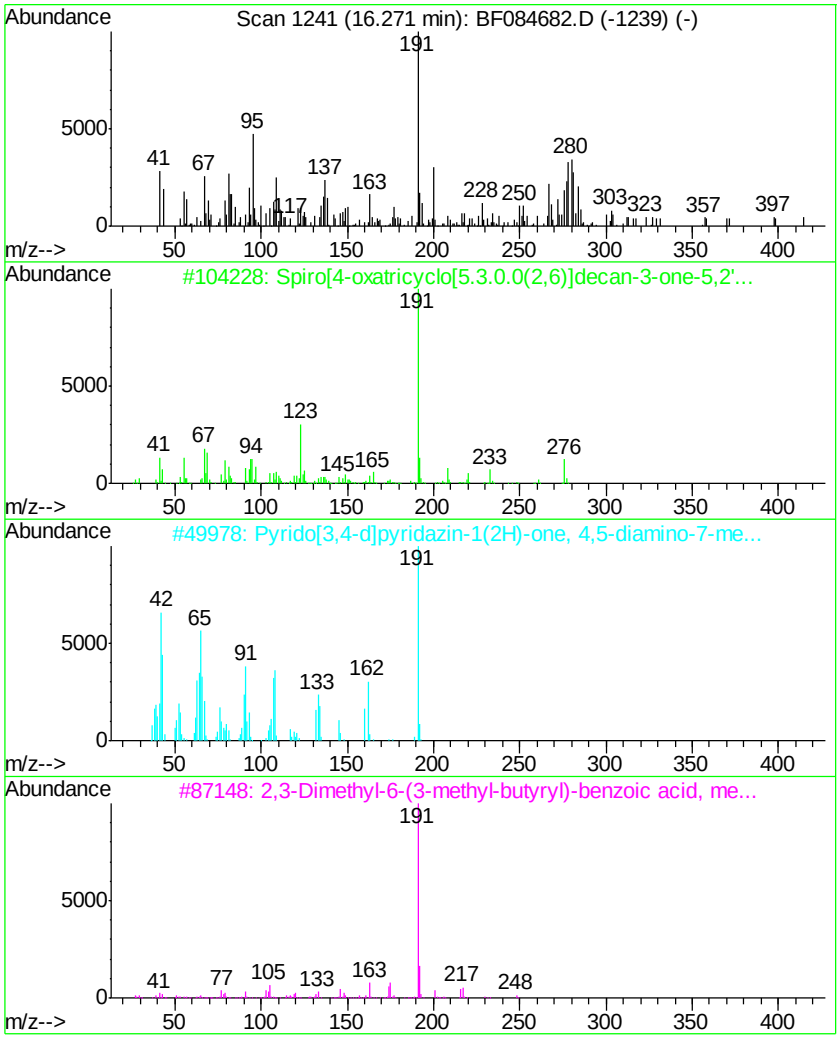
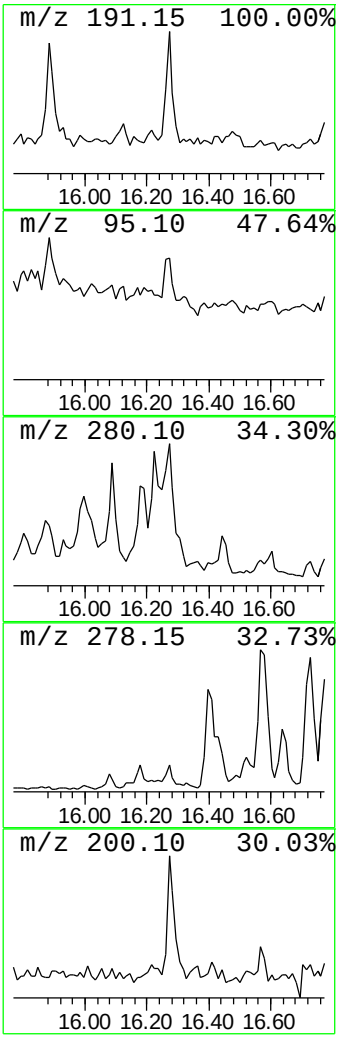
Peak Number 19 unknown16.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	6.25 ng	293013	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	27
2	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	18
3	2,3-Dimethyl-6-(3-methyl-butyryl...	248	C15H20O3	071940-30-2	18
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	16
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	14





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

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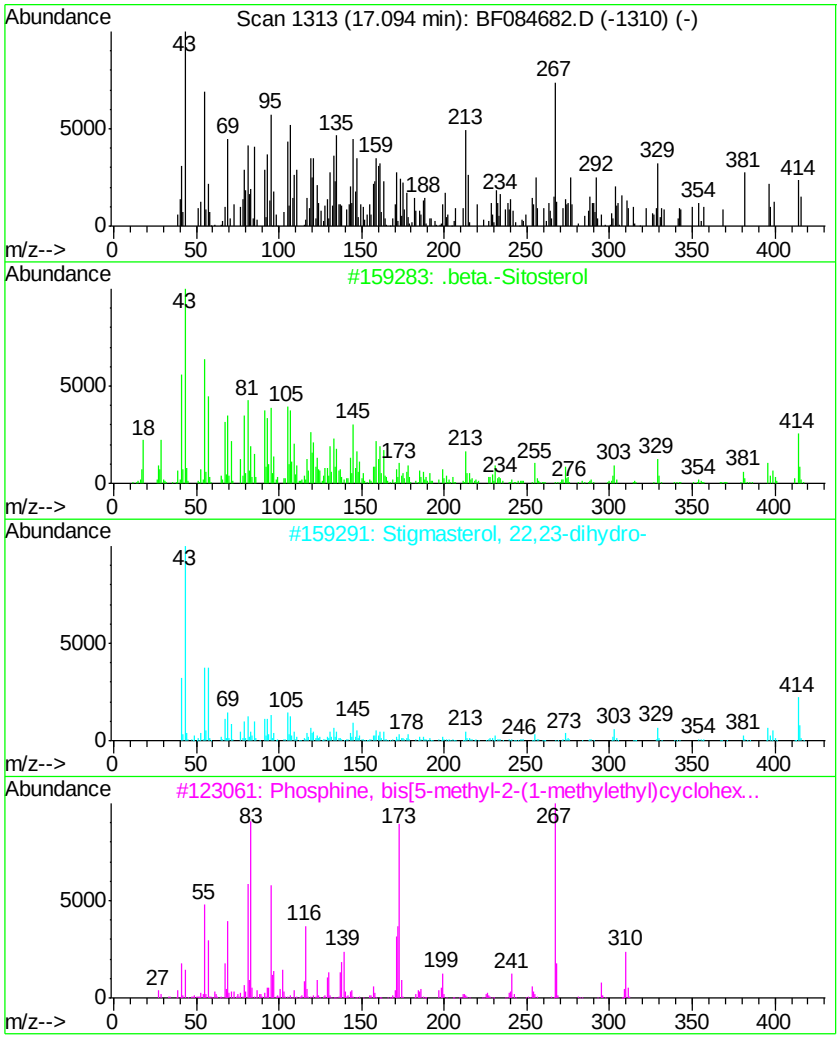
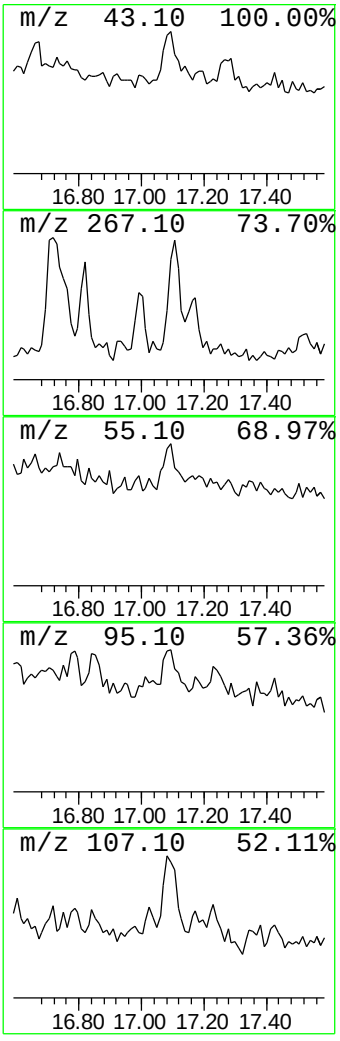
Peak Number 20 .beta.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	4.46 ng	209297	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	53
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	25
3	Phosphine, bis[5-methyl-2-(1-met...	310	C20H39P	062238-19-1	18
4	Pyrazolo[1,5-a]pyrimidine-3-carb...	267	C13H9N5S	351166-40-0	18
5	4-Nitrocinnamaldehyde phenylhydr...	267	C15H13N3O2	1000242-41-7	18





Tentatively Identified Compound (LSC) summary

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Data File : BF084682.D
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Operator : SJ/IZ
Sample : H1272-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(15-16)

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	5.1	ng	282101	1	6.73	1105360	20.0
2-Pentanone, 4-hy...	4.89	62.4	ng	3449680	1	6.73	1105360	20.0
2-Pentanone, 4-me...	5.72	3.8	ng	208223	1	6.73	1105360	20.0
1R-.alpha.-Pinene	5.98	5.3	ng	289974	1	6.73	1105360	20.0
unknown6.50	6.50	86.2	ng	4763670	1	6.73	1105360	20.0
Eicosane	10.20	4.1	ng	289245	3	9.76	1420820	20.0
Heptacosane, 1-ch...	11.13	6.4	ng	448415	4	11.24	1403650	20.0
Phenanthrene, 1-m...	11.74	4.5	ng	319282	4	11.24	1403650	20.0
Phenanthrene, 2-m...	11.77	5.2	ng	367744	4	11.24	1403650	20.0
Naphthalene, 2-ph...	12.03	5.6	ng	390576	4	11.24	1403650	20.0
Phenanthrene, 2,5...	12.29	4.4	ng	305745	4	11.24	1403650	20.0
unknown12.33	12.33	4.6	ng	321070	4	11.24	1403650	20.0
Caulophylline	12.37	6.7	ng	467266	4	11.24	1403650	20.0
13-Docosenamide, ...	14.64	12.9	ng	604735	6	15.27	937845	20.0
unknown16.27	16.27	6.3	ng	293013	6	15.27	937845	20.0
.beta.-Sitosterol	17.09	4.5	ng	209297	6	15.27	937845	20.0