LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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-BF013017.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	3.961	161	164	167	rVB	92670	126616	2.15%	0.179%
2	4.567	214	217	222	rVB3	41388	77336	1.31%	0.109%
3	5.161	265	269	274	rBV	1607453	2525795	42.89%	3.568%
4	5.527	298	301	303	rBV	206624	270329	4.59%	0.382%
5	5.584	303	306	308	rVB	4117870	5311467	90.18%	7.503%
6	5.790	322	324	326	rBV	104688	99826	1.69%	0.141%
7	5.847	328	329	331	rBV	90634	98627	1.67%	0.139%
8	6.019	341	344	348	rVV3	32363	69931	1.19%	0.099%
9	6.099	348	351	354	rBV3	47385	95804	1.63%	0.135%
10	6.201	357	360	363	rVV2	116178	194465	3.30%	0.275%
11	6.384	373	376	379	rBV2	88238	189525	3.22%	0.268%
12	6.453	379	382	383	rVV2	60642	94077	1.60%	0.133%
13	6.476	383	384	385	rVV	179118	199628	3.39%	0.282%
14	6.510	385	387	388	rVV	184950	260609	4.42%	0.368%
15	6.556	388	391	392	rVV2	115836	159533	2.71%	0.225%
16	6.613	392	396	398	rVV	4072825	5889579	100.00%	8.320%
17	6.693	401	403	404	rVV	94529	139333	2.37%	0.197%
18	6.739	404	407	409	rVV	4505056	5318321	90.30%	7.513%
19	6.784	409	411	414	rVV	495307	583845	9.91%	0.825%
20	6.910	417	422	424	rVV3	57063	141181	2.40%	0.199%
21	6.956	424	426	430	rVV2	930550	1185908	20.14%	1.675%
22	7.036	430	433	435	rVV	1539777	1600955	27.18%	2.262%
23	7.070	435	436	438	rVV	73701	100587	1.71%	0.142%
24	7.116	438	440	443	rVV	3109778	3907256	66.34%	5.520%
25	7.230	443	450	452	rVB3	125972	270362	4.59%	0.382%
26	7.276	452	454	459	rBV4	111992	273266	4.64%	0.386%
27	7.356	459	461	466	rVB5	129875	264792	4.50%	0.374%
28	7.527	471	476	478	rBV	2423652	3495841	59.36%	4.939%
29	7.607	481	483	485	rVB	115791	141776	2.41%	0.200%
30	7.653	485	487	491	rBV4	40575	115702	1.96%	0.163%
31	7.733	491	494	496	rBV3	50835	112682	1.91%	0.159%
32	7.767	496	497	501	rVB3	73093	70151	1.19%	0.099%
33	7.904	501	509	512	rBV7	44530	223935	3.80%	0.316%
34	7.996	512	517	519	rBV2	208915	340796	5.79%	0.481%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.224	532	537	538	rBV2	268566	440032	7.47%	0.622%
36	8.247	538	539	543	rVV2	1207103	2011361	34.15%	2.841%
37	8.304	543	544	546	rVB	90045	69978	1.19%	0.099%
38	8.544	561	565	567	rBV4	49288	104623	1.78%	0.148%
39	8.590	567	569	571	rVV3	68452	102644	1.74%	0.145%
40	8.670	574	576	581	rVB	140937	212283	3.60%	0.300%
41	8.842	589	591	592	rBV	219833	216080	3.67%	0.305%
42	8.967	600	602	603	rVB	146783	143978	2.44%	0.203%
43	9.059	609	610	612	rBV	89835	89039	1.51%	0.126%
44	9.162	617	619	621	rVB2	46405	65966	1.12%	0.093%
45	9.207	621	623	624	rBV	62722	78320	1.33%	0.111%
46	9.265	627	628	631	rVV	84047	92997	1.58%	0.131%
47	9.333	631	634	636	rVV	4899118	5042838	85.62%	7.124%
48	9.402	638	640	641	rVV	245130	230616	3.92%	0.326%
49	9.470	644	646	649	rVB2	140137	164210	2.79%	0.232%
50	9.596	654	657	659	rVB	68688	104107	1.77%	0.147%
51	9.665	659	663	664	rBV	146603	192477	3.27%	0.272%
52	9.722	666	668	670	rVV	514658	456916	7.76%	0.645%
53	9.790	672	674	676	rBV3	64948	115100	1.95%	0.163%
54	9.870	678	681	683	rBV	130535	158193	2.69%	0.223%
55	9.928	683	686	689	rVB2	177969	339424	5.76%	0.479%
56	10.008	691	693	695	rVV	1454789	1197793	20.34%	1.692%
57	10.156	704	706	708	rBV2	58381	97213	1.65%	0.137%
58	10.213	708	711	713	rVB2	137606	151763	2.58%	0.214%
59	10.248	713	714	717	rBV3	67327	79659	1.35%	0.113%
60	10.328	719	721	722	rBV	45326	68101	1.16%	0.096%
61	10.430	727	730	732	rBV	238221	303645	5.16%	0.429%
62	10.556	739	741	744	rBV3	67100	112259	1.91%	0.159%
63	10.648	747	749	753	rBV2	70136	143883	2.44%	0.203%
64	10.705	753	754	758	rBV4	46365	70297	1.19%	0.099%
65	10.796	760	762	765	rVV2	1814666	2134011	36.23%	3.015%
66	10.910	770	772	776	rVV2	253425	455735	7.74%	0.644%
67	11.105	786	789	790	rBV2	69259	124361	2.11%	0.176%
68	11.253	798	802	804	rBV4	75012	195753	3.32%	0.277%
69	11.299	804	806	808	rBV	58673	68279	1.16%	0.096%
70	11.356	809	811	812	rBV	221419	216631	3.68%	0.306%
71	11.390	812	814	817	rVB2	113621	141511	2.40%	0.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.493	821	823	824	rBV	1076033	984621	16.72%	1.391%
73	11.608	831	833	834	rBV2	82131	131847	2.24%	0.186%
74	11.779	846	848	851	rBV3	152867	272732	4.63%	0.385%
75	12.031	865	870	871	rBV3	256691	668720	11.35%	0.945%
76	12.053	871	872	873	rBV	275269	267494	4.54%	0.378%
77	12.728	929	931	933	rVB	1079819	1149379	19.52%	1.624%
78	12.774	933	935	943	rVB2	565368	1012844	17.20%	1.431%
79	12.956	948	951	953	rVB	1352948	1597294	27.12%	2.256%
80	13.082	960	962	965	rVB	2267118	2998986	50.92%	4.237%
81	13.219	973	974	975	rBV	214999	153411	2.60%	0.217%
82	13.311	980	982	983	rBV	272747	349707	5.94%	0.494%
83	13.642	1009	1011	1014	rBV	378515	516932	8.78%	0.730%
84	13.974	1038	1040	1043	rVB2	719544	784522	13.32%	1.108%
85	14.134	1051	1054	1056	rBV2	1102094	1953776	33.17%	2.760%
86	14.294	1065	1068	1070	rBV	482305	535292	9.09%	0.756%
87	14.522	1086	1088	1090	rVB	197616	207670	3.53%	0.293%
88	14.591	1092	1094	1098	rBV3	381291	678232	11.52%	0.958%
89	14.899	1119	1121	1123	rBV	261349	375865	6.38%	0.531%
90	15.185	1143	1146	1150	rBV	628027	1287288	21.86%	1.819%
91	15.242	1150	1151	1154	rVB	352364	408003	6.93%	0.576%
92	15.494	1170	1173	1176	rVB	343940	551141	9.36%	0.779%
93	15.551	1176	1178	1181	rVV	555672	725468	12.32%	1.025%
94	15.619	1181	1184	1191	rVB3	544907	1270425	21.57%	1.795%
95	16.065	1221	1223	1227	rBV	240167	359184	6.10%	0.507%
96	16.751	1281	1283	1292	rVB3	119954	317650	5.39%	0.449%
97	17.083	1310	1312	1317	rVB2	199162	412717	7.01%	0.583%
98	17.540	1348	1352	1357	rVB	188228	427262	7.25%	0.604%
99	17.711	1365	1367	1370	rVB3	89471	181639	3.08%	0.257%
100	18.717	1452	1455	1463	rVB7	82457	265065	4.50%	0.374%

Sum of corrected areas: 70787078

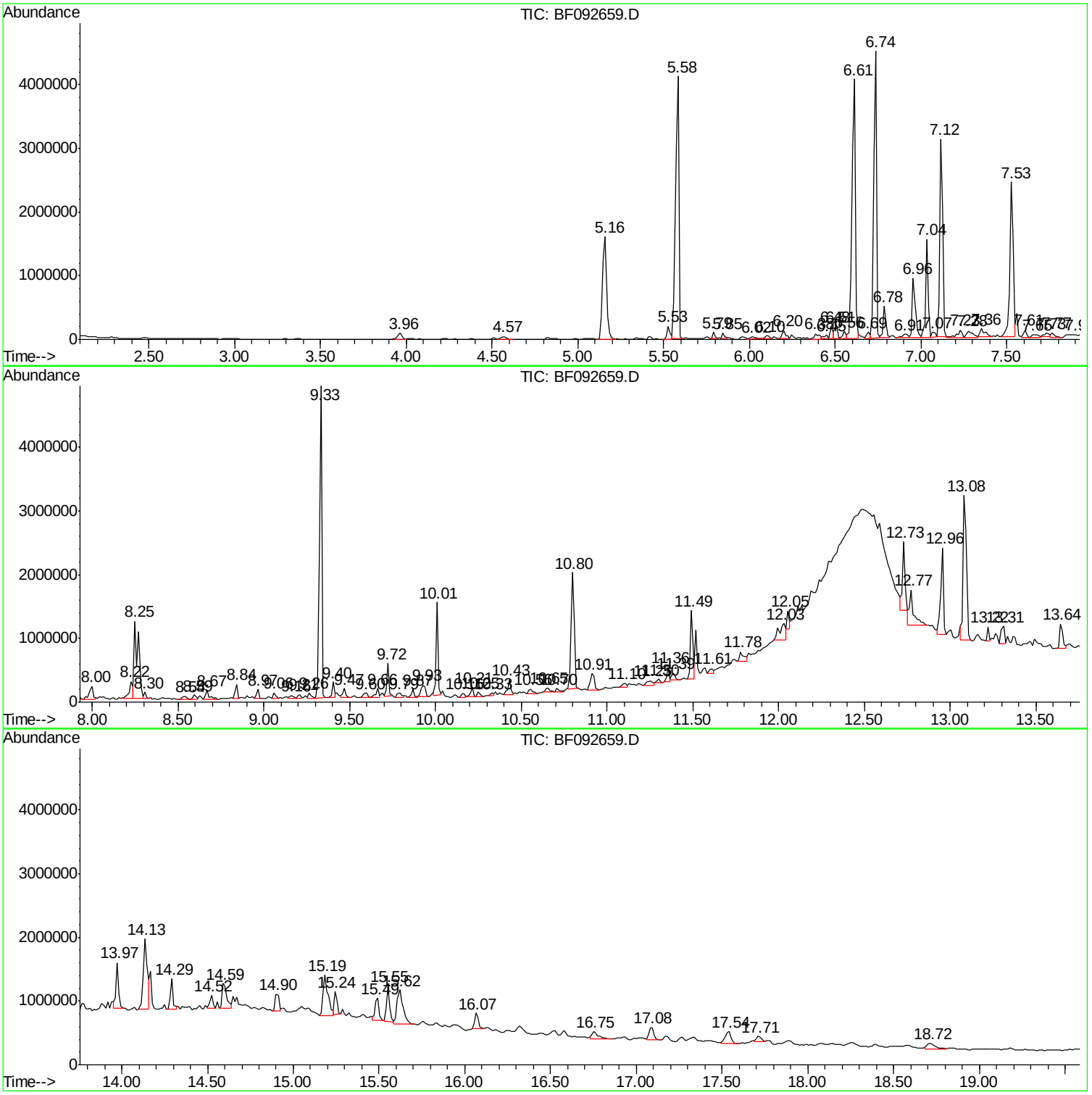
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

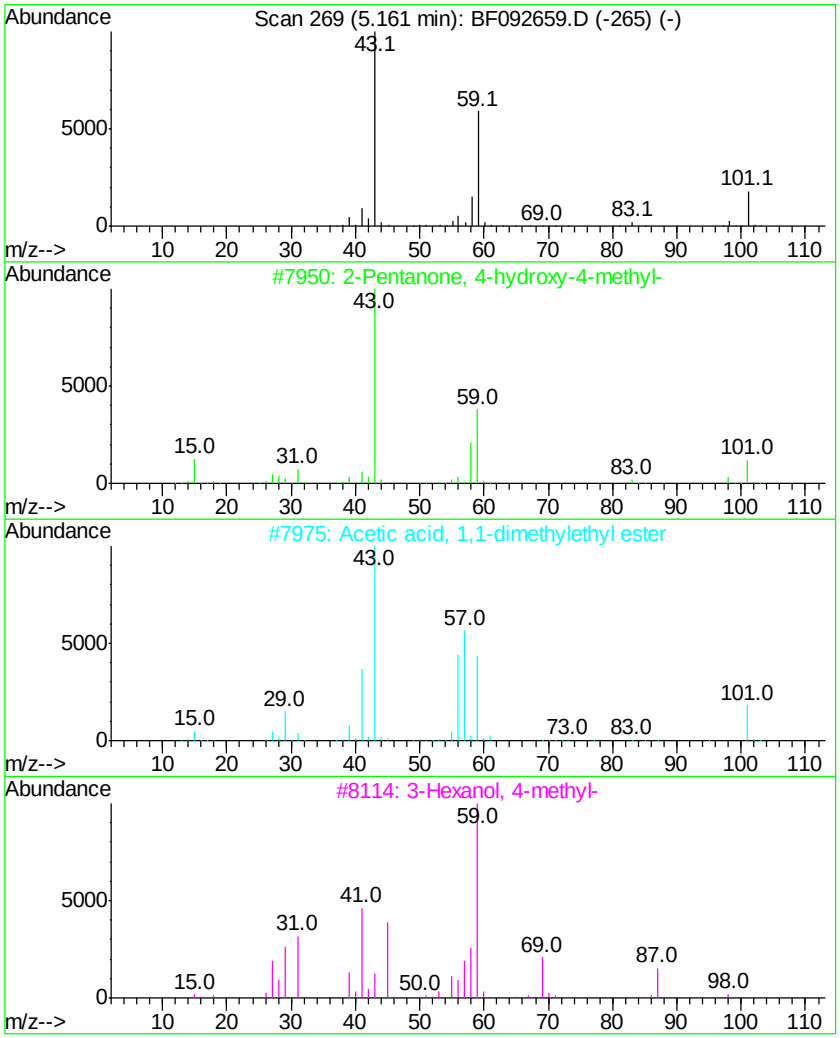
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

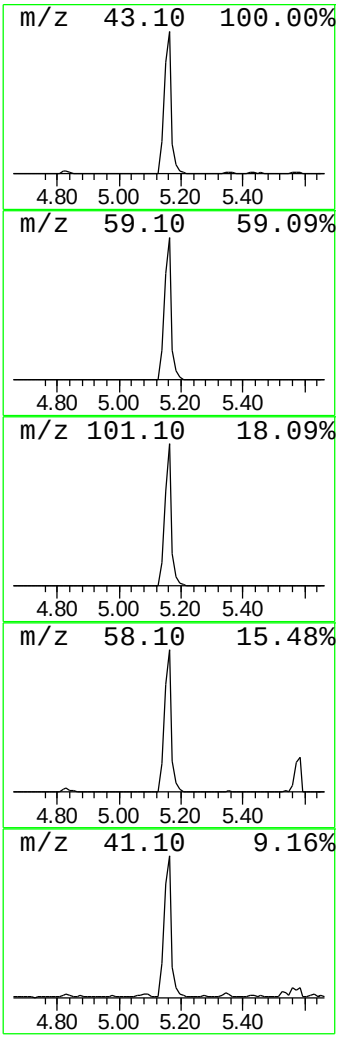
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	42.60 ng	2525800	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

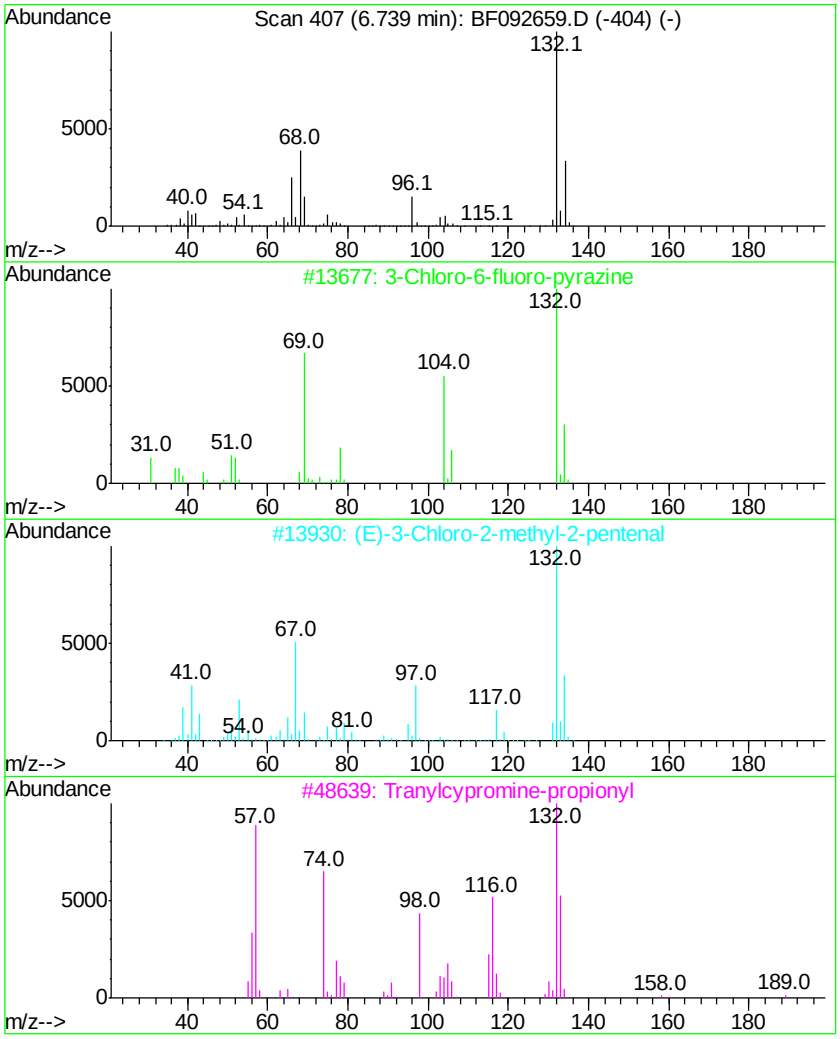
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

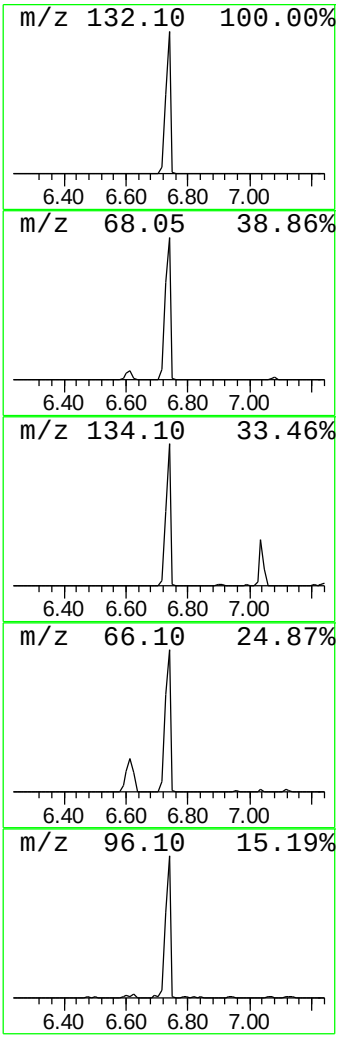
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	89.69 ng	5318320	1,4-Dichlorobenzene-d4	6.96

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	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

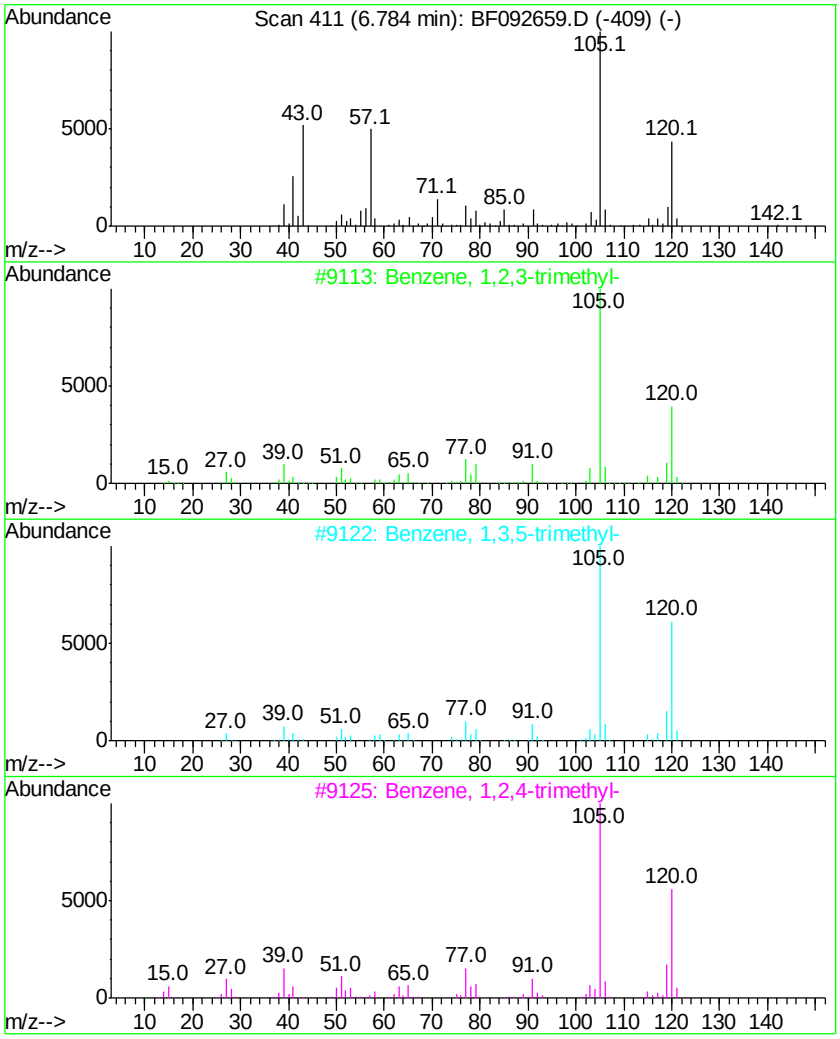
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

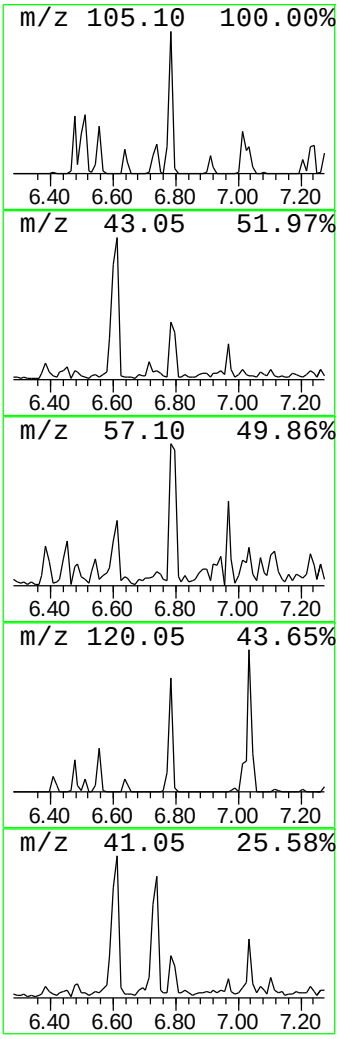
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	9.85 ng	583845	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

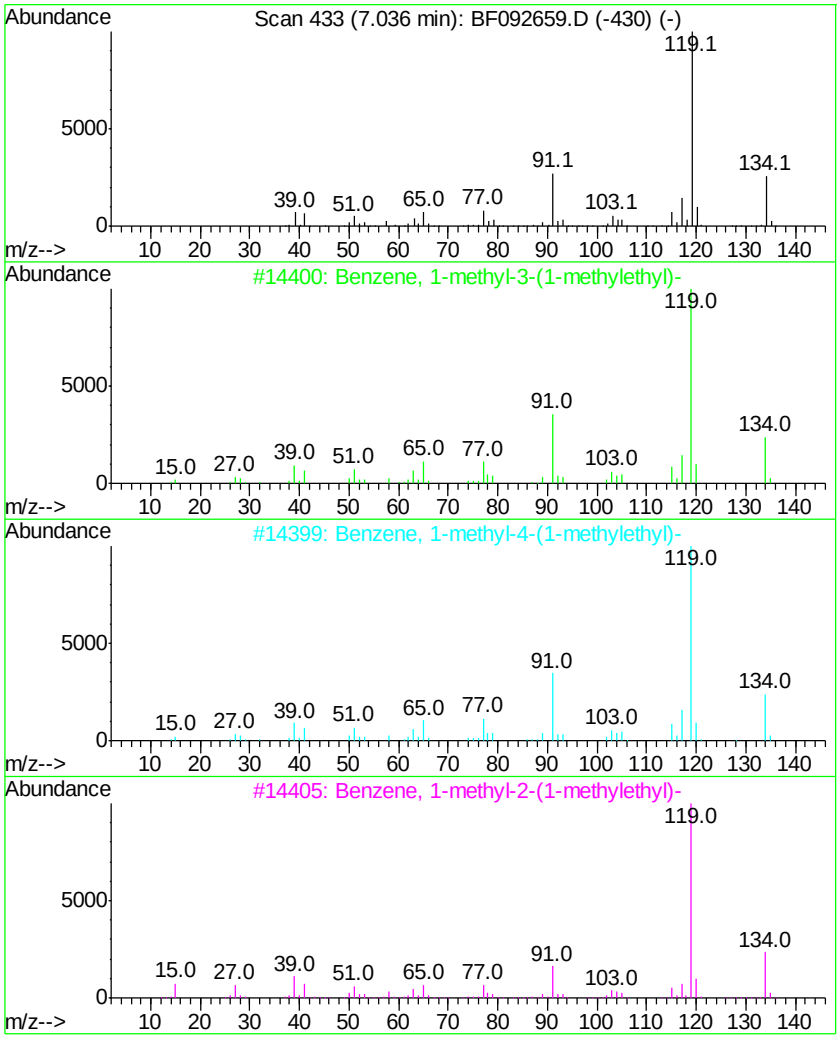
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

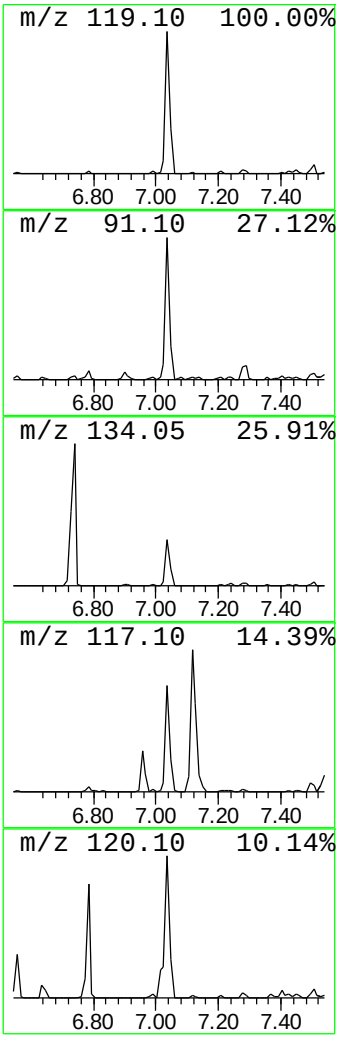
****

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	27.00 ng	1600960	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

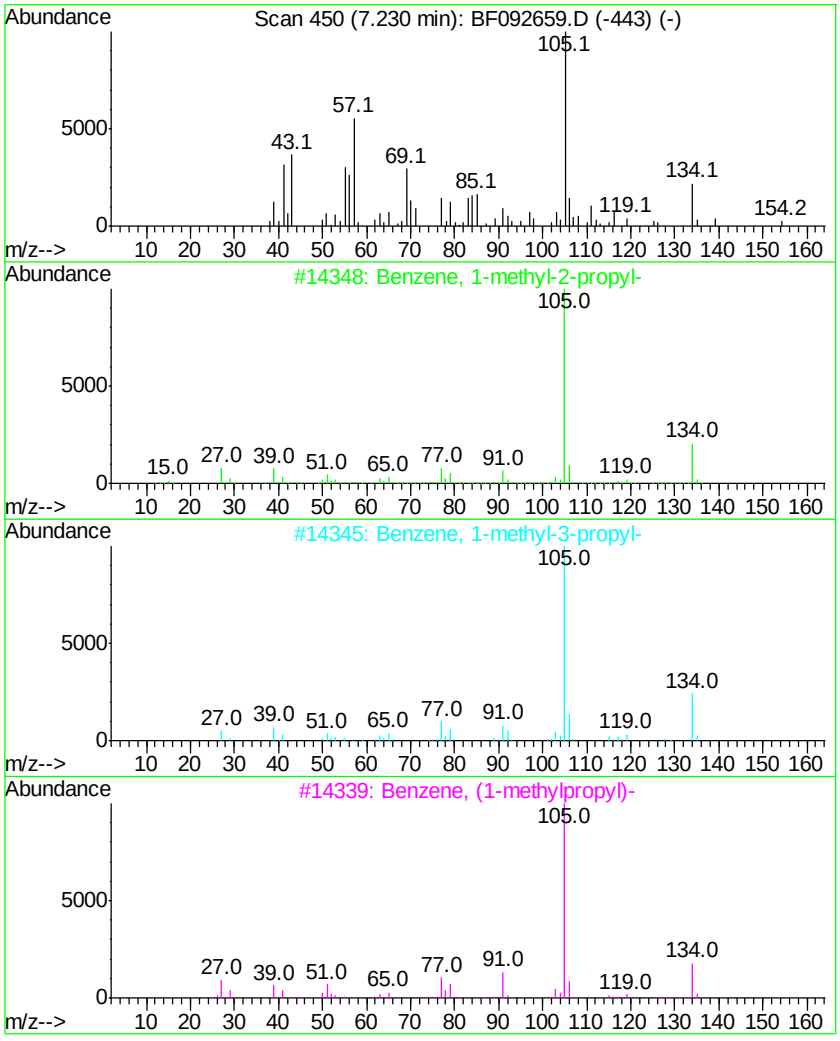
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

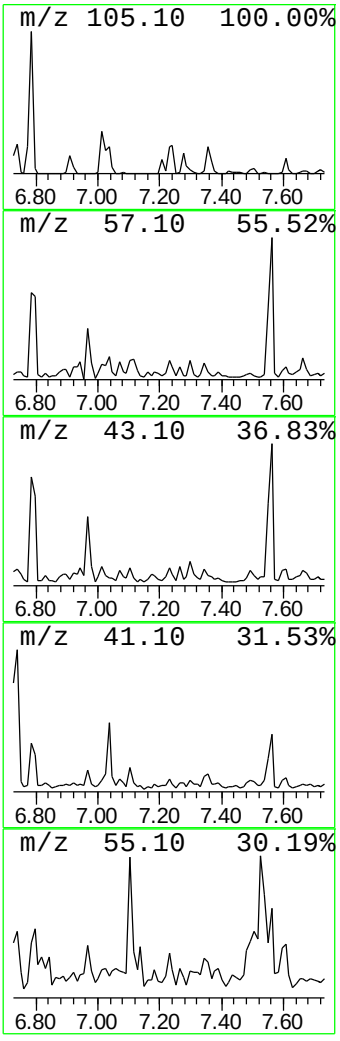
****

Peak Number 7 unknown7.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	4.56 ng	270362	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5	2-Indanol	134	C9H10O	004254-29-9	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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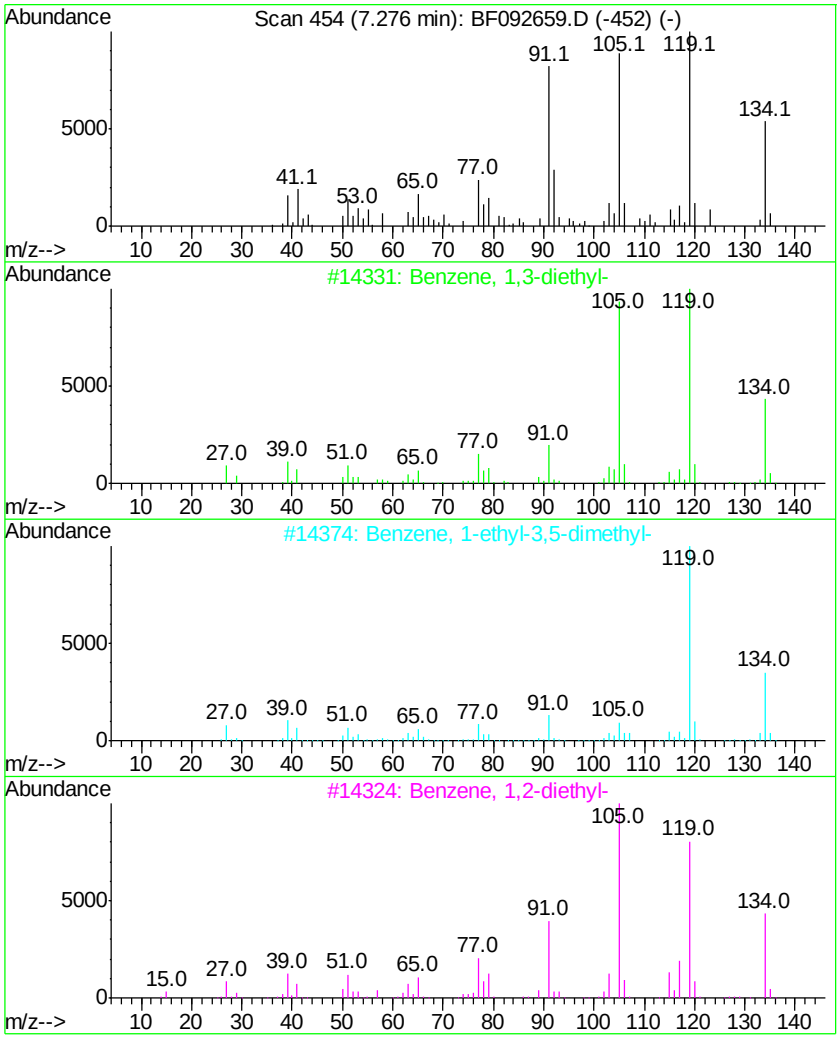
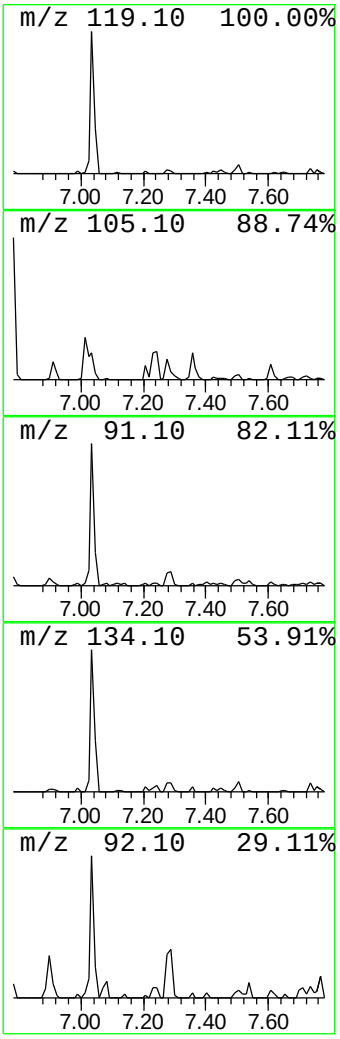
Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	4.61 ng	273266	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092659.D
Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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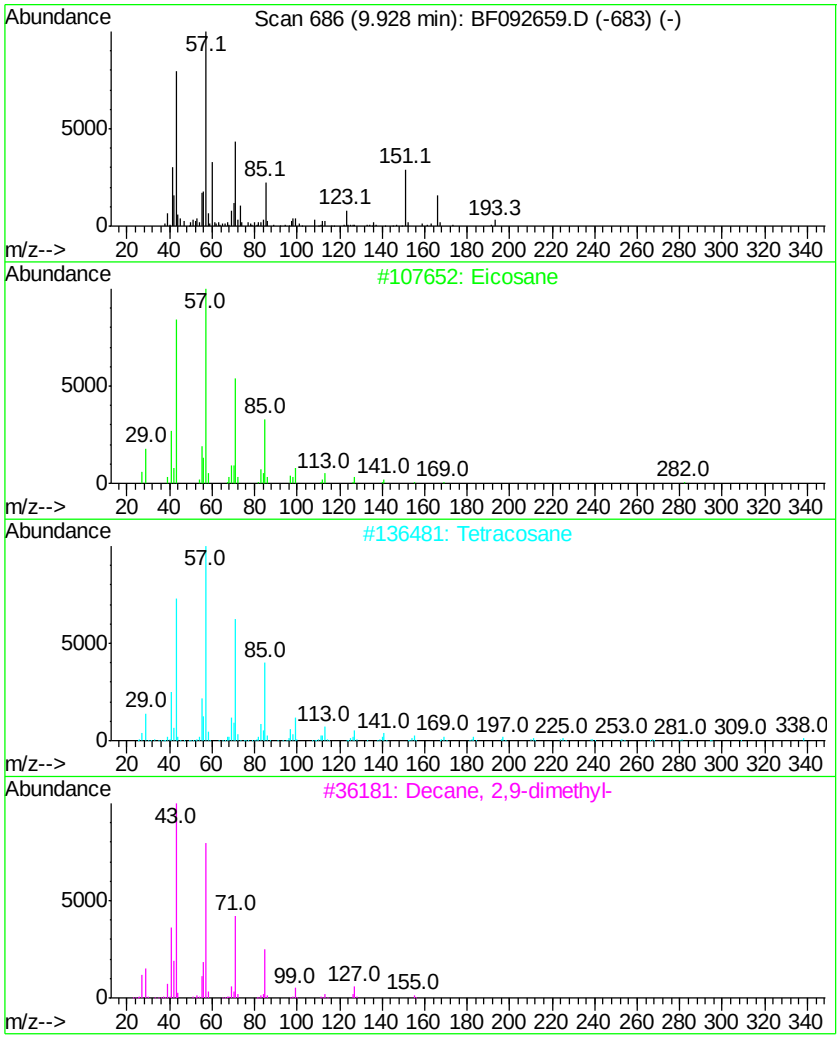
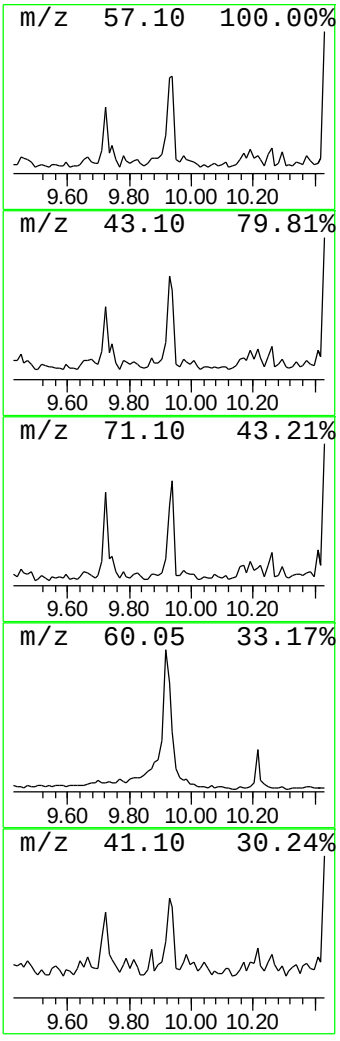
Peak Number 9 unknown9.93 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	5.67 ng	339424	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	46
2	Tetracosane	338	C24H50	000646-31-1	43
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
4	Heptadecane	240	C17H36	000629-78-7	43
5	Undecane	156	C11H24	001120-21-4	43





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Acq On : 31 Jan 2017 3:00
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Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : B2-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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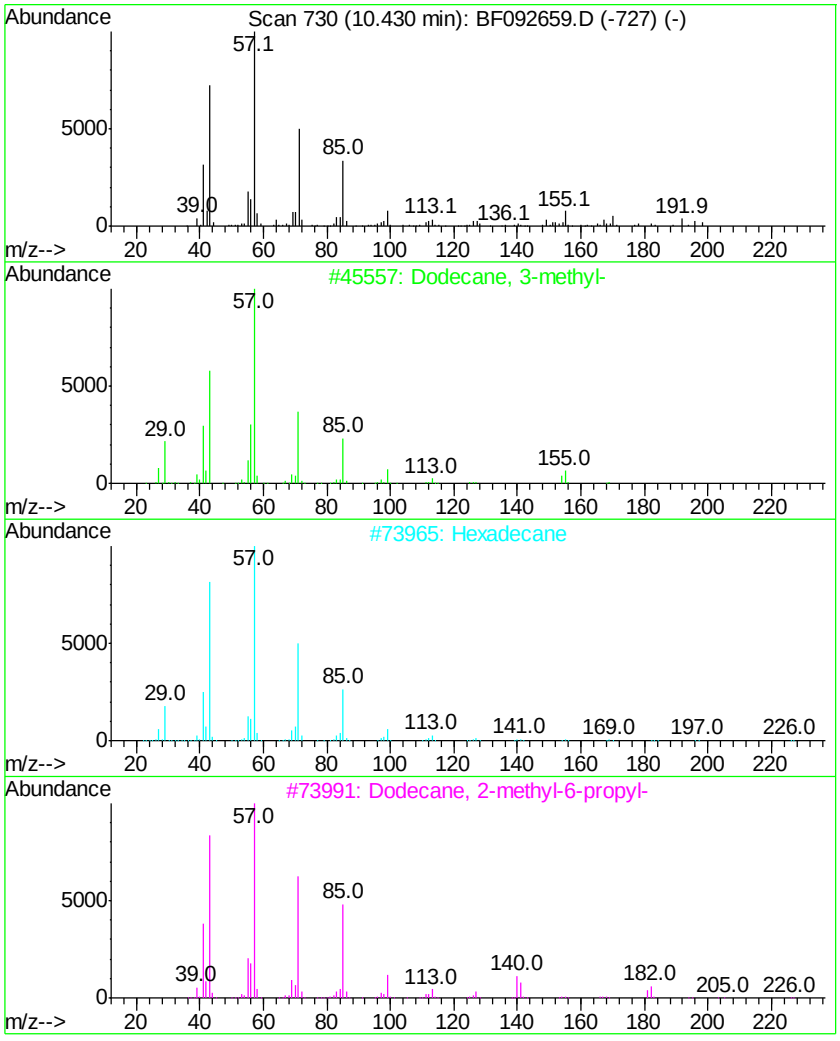
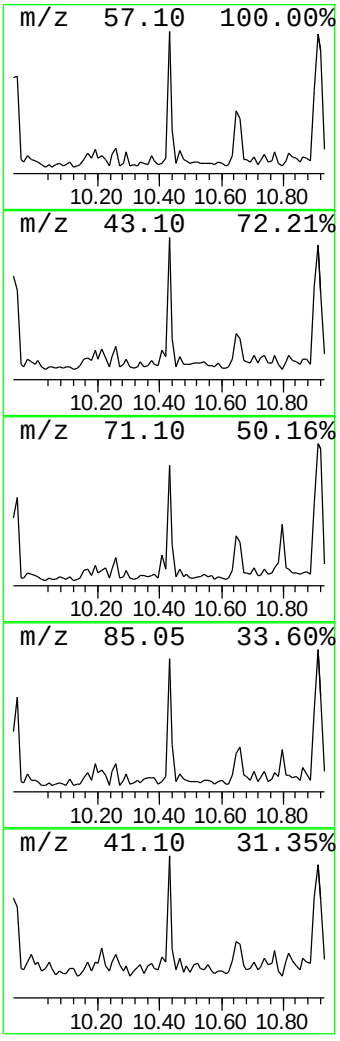
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	5.07 ng	303645	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	80
2	Hexadecane	226	C16H34	000544-76-3	74
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Tetradecane	198	C14H30	000629-59-4	68





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Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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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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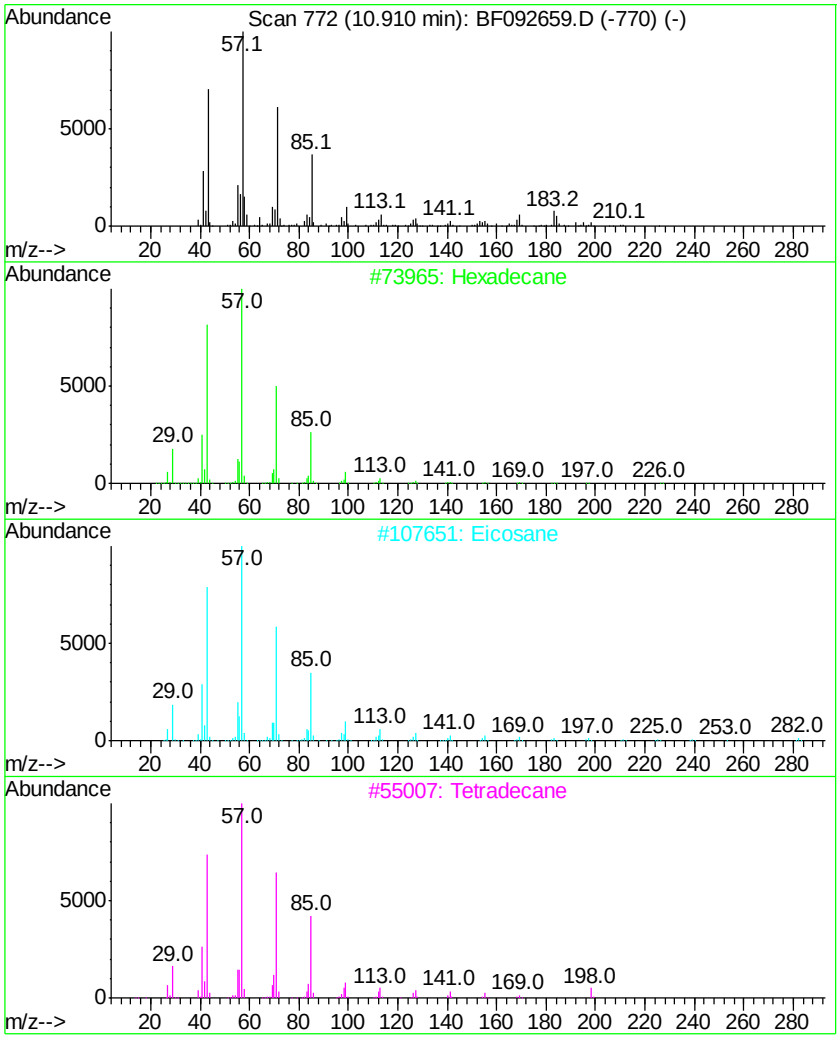
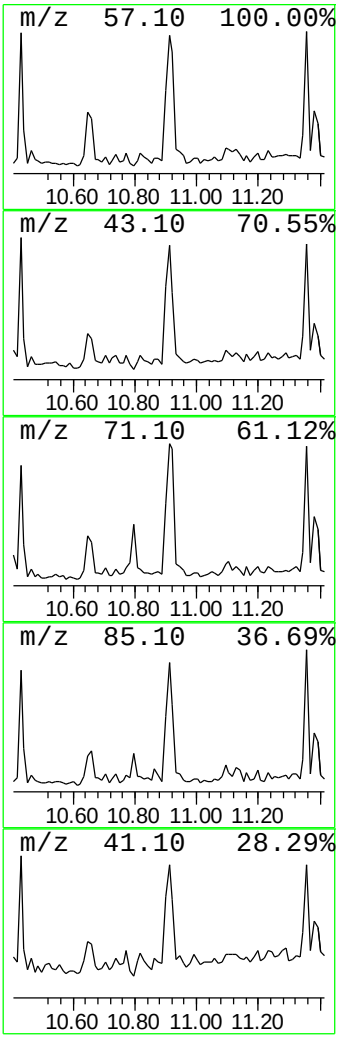
Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	9.26 ng	455735	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Eicosane	282	C20H42	000112-95-8	74
3	Tetradecane	198	C14H30	000629-59-4	74
4	Tridecane	184	C13H28	000629-50-5	74
5	Tetracosane	338	C24H50	000646-31-1	74





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Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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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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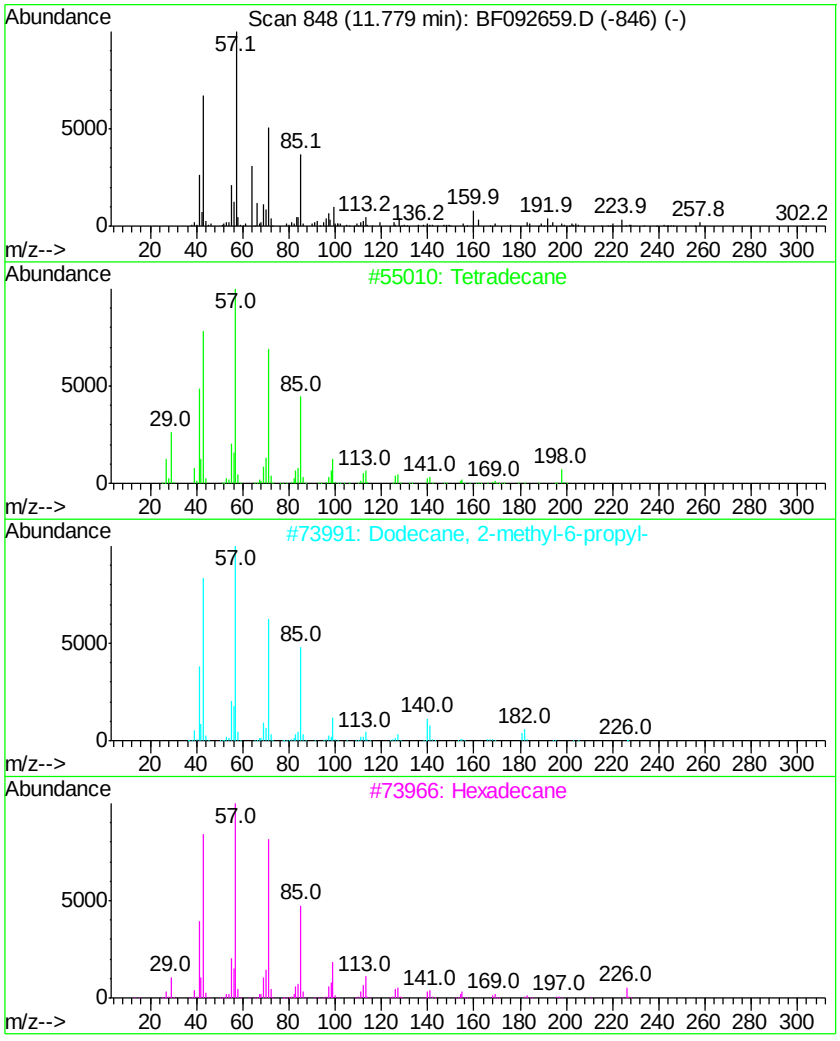
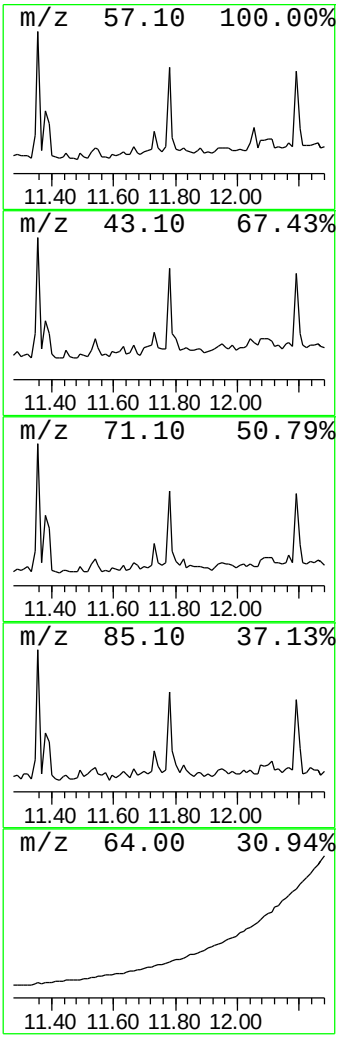
Peak Number 12 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.54 ng	272732	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	60
3	Hexadecane	226	C16H34	000544-76-3	53
4	Eicosane	282	C20H42	000112-95-8	52
5	Heptadecane	240	C17H36	000629-78-7	50





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Sample : I1593-06
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : B2-7

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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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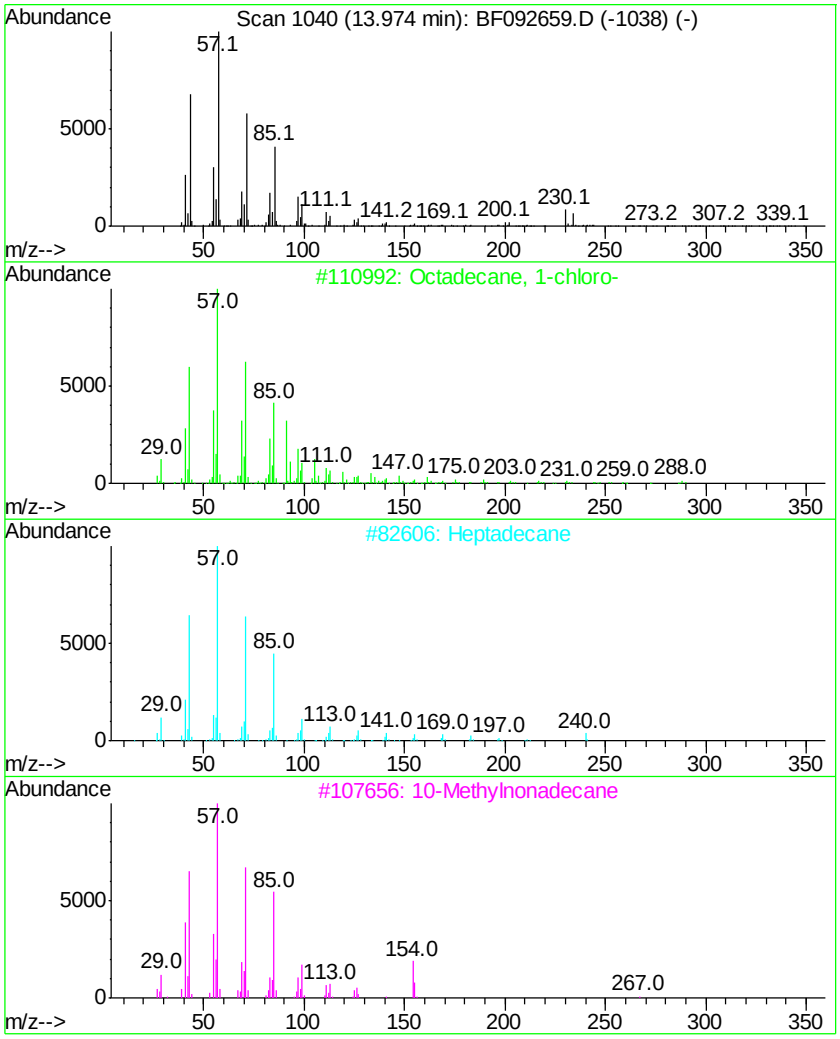
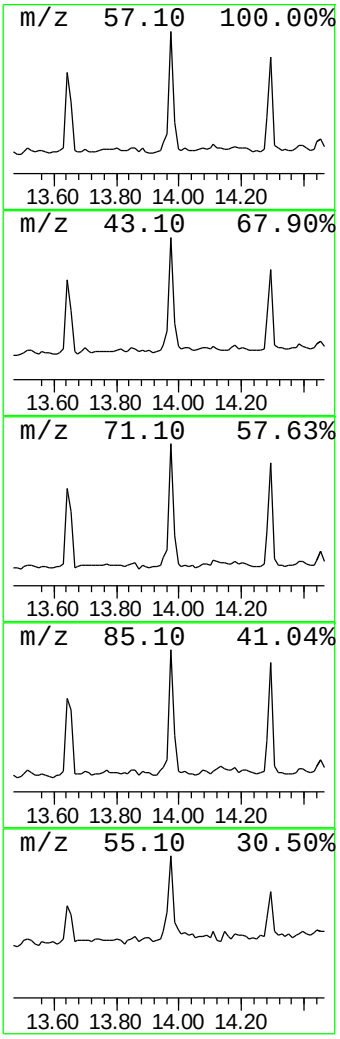
Peak Number 14 Octadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.03 ng	784522	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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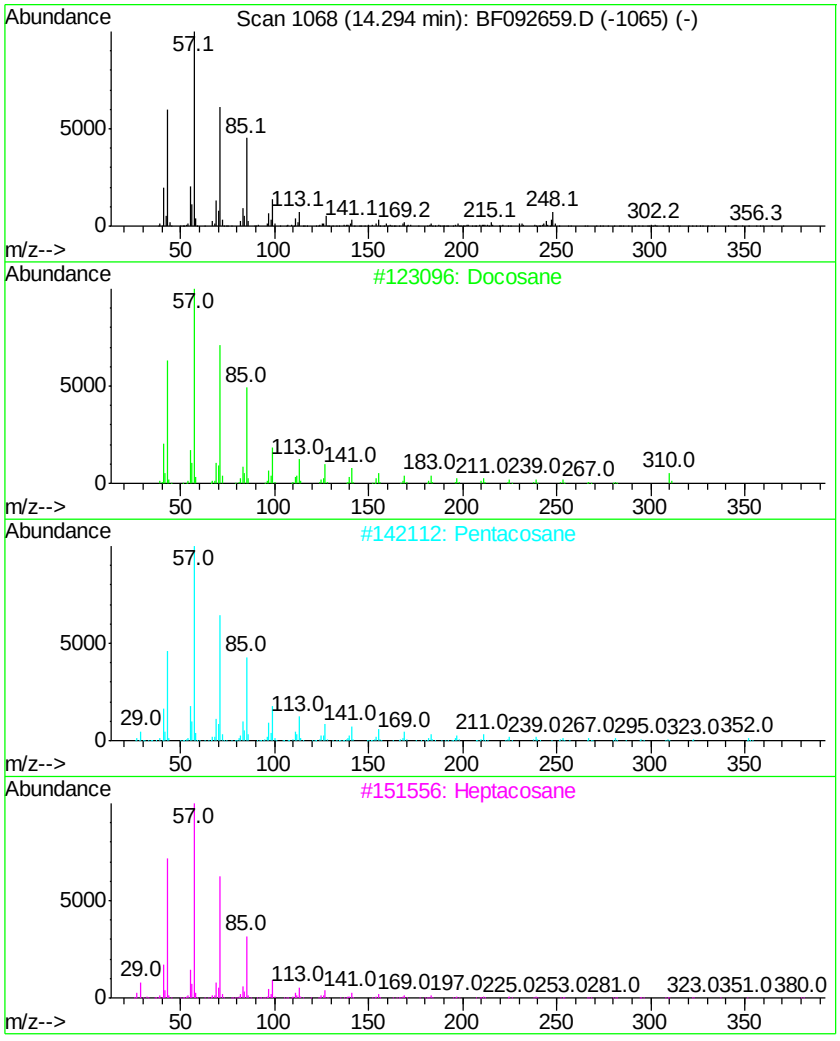
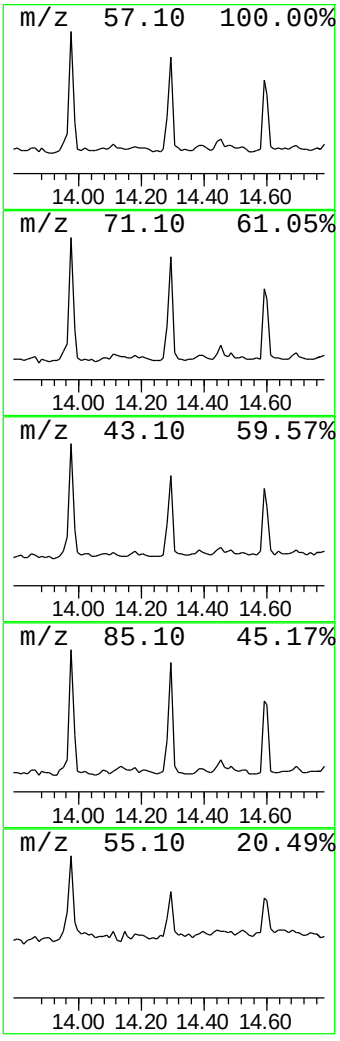
Peak Number 15 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	5.48 ng	535292	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Eicosane	282	C20H42	000112-95-8	83





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Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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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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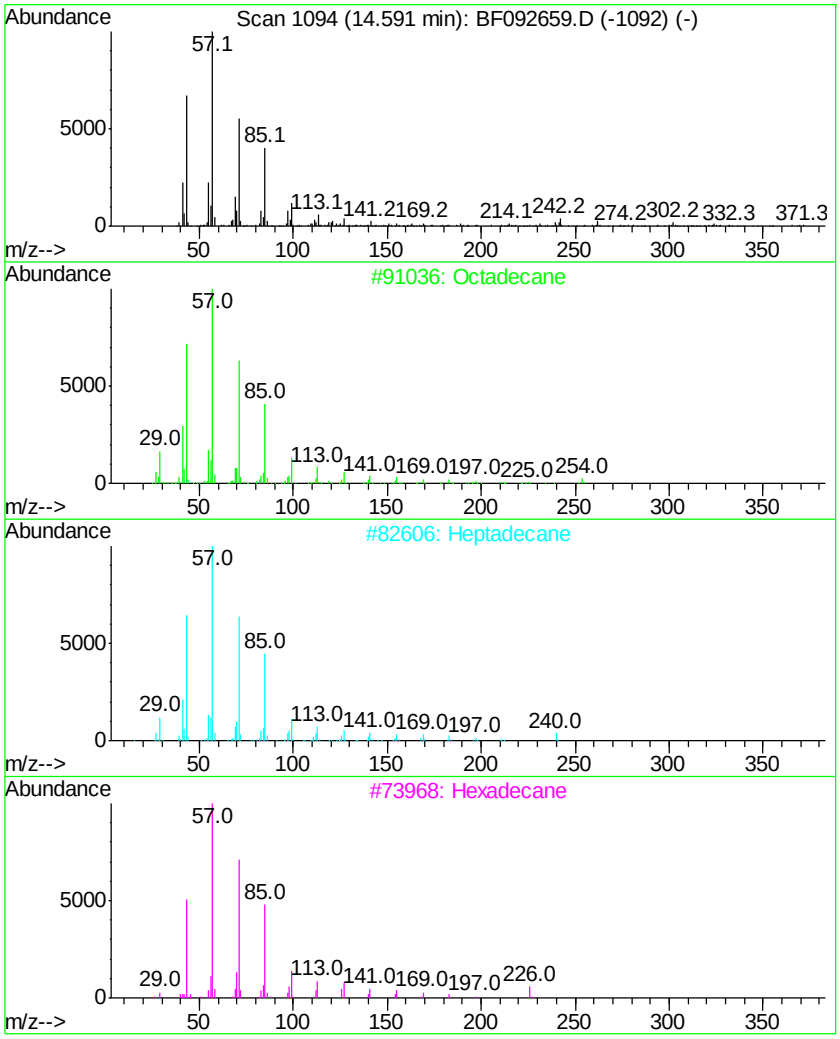
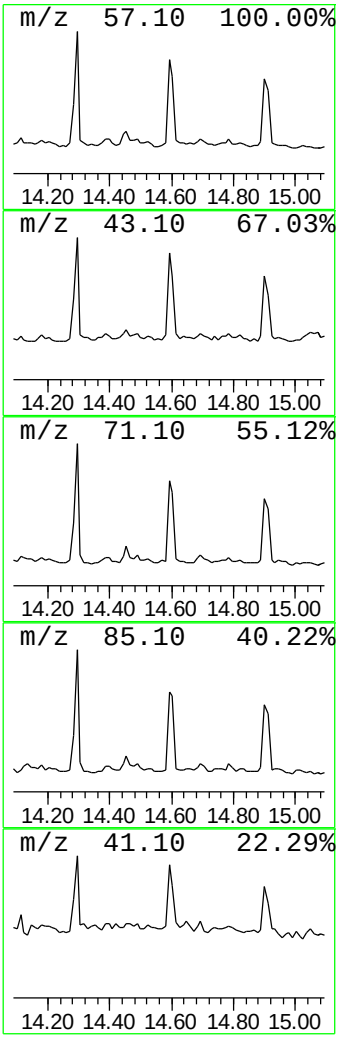
Peak Number 16 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.94 ng	678232	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tricosane	324	C23H48	000638-67-5	90





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Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

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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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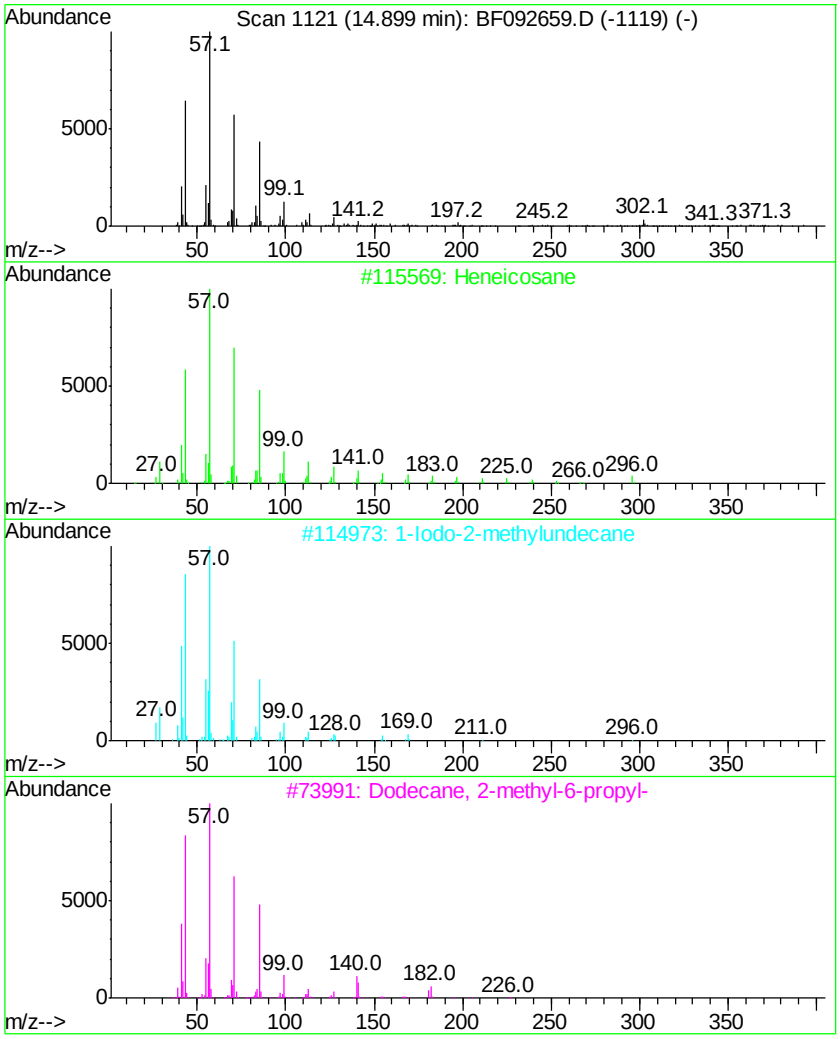
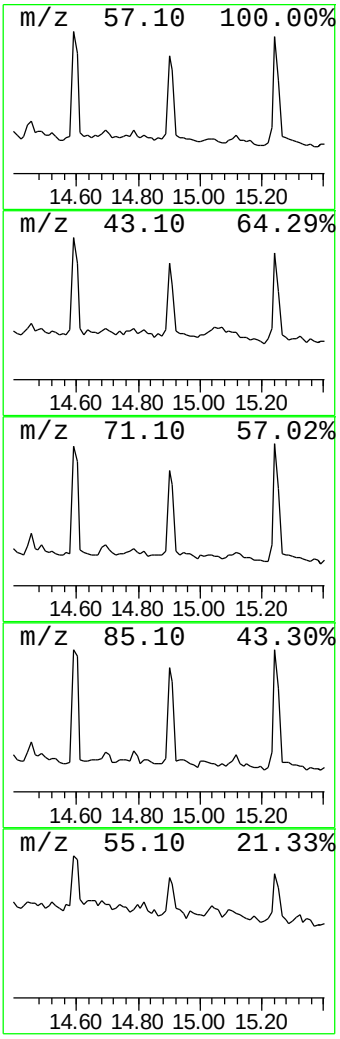
Peak Number 17 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.92 ng	375865	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80





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Acq On : 31 Jan 2017 3:00
Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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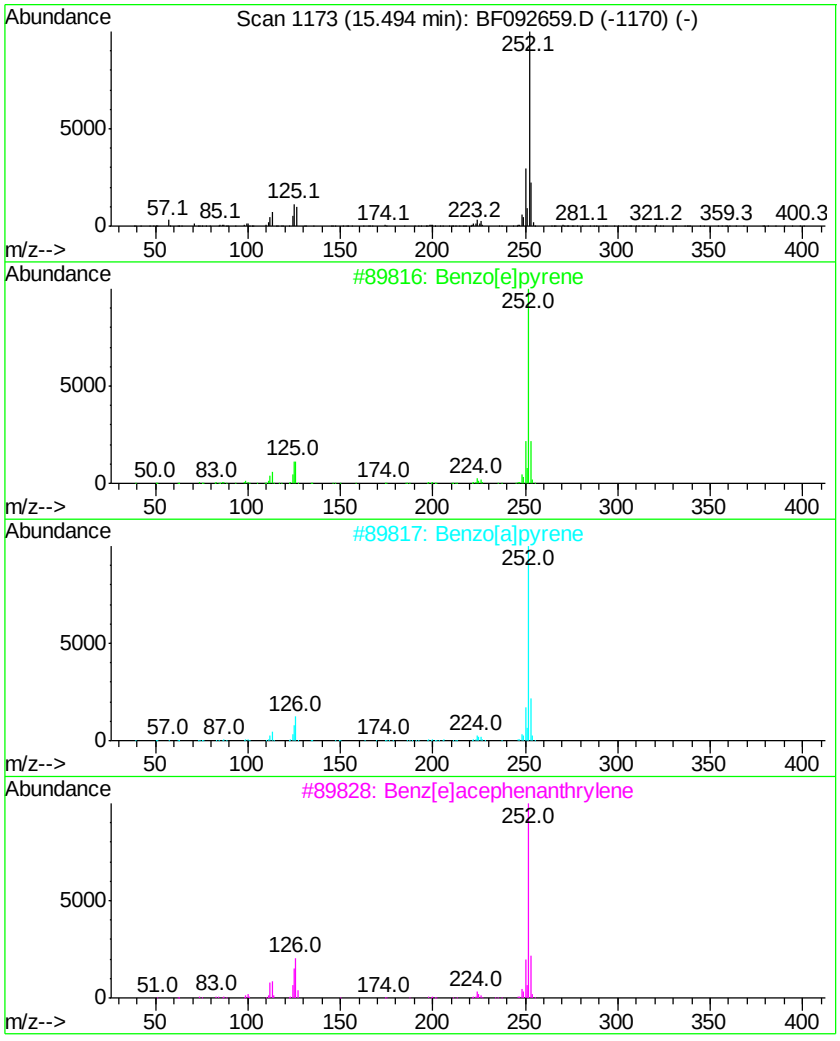
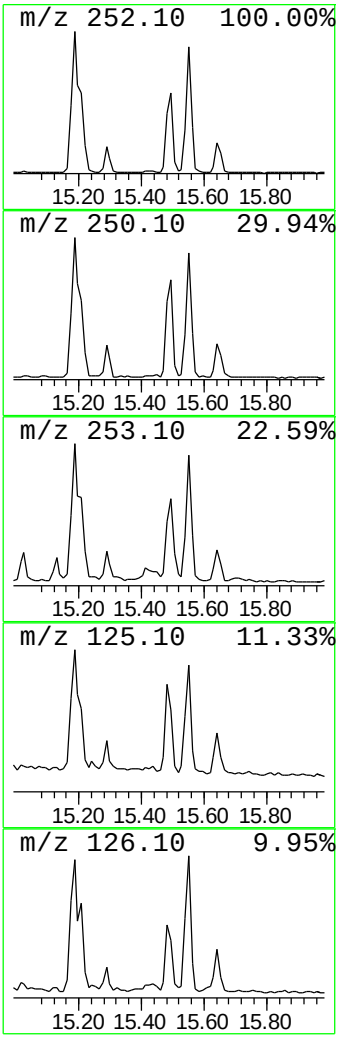
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	8.68 ng	551141	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





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Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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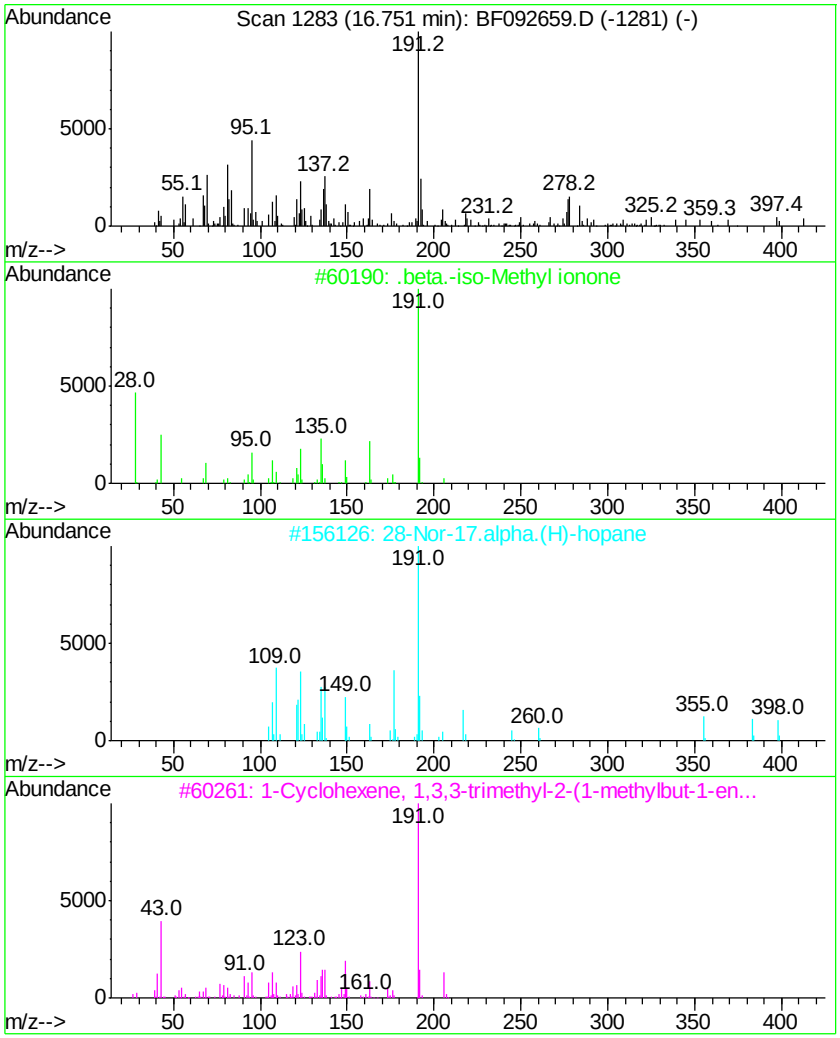
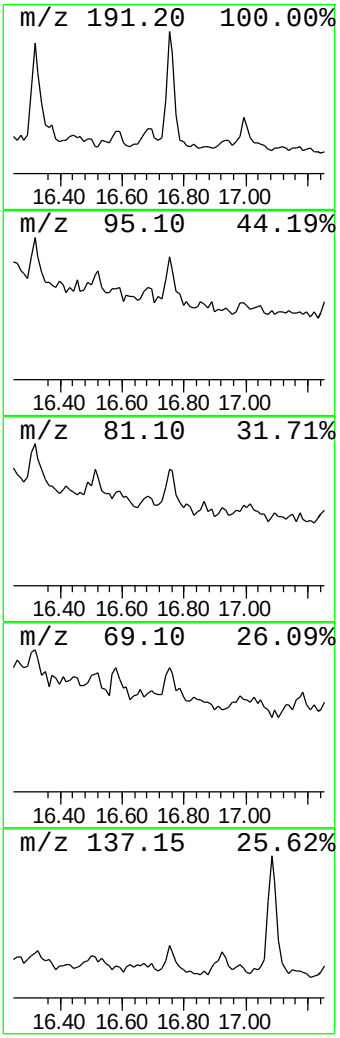
Peak Number 20 unknown16.75 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	5.00 ng	317650	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	45
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	25
5	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	25





Tentatively Identified Compound (LSC) summary

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Data File : BF092659.D
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Operator : SJ/MA
Sample : I1593-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.16	42.6	ng	2525800	1	6.96	1185910	20.0
unknown6.74	6.74	89.7	ng	5318320	1	6.96	1185910	20.0
Benzene, 1,2,3-tr...	6.78	9.8	ng	583845	1	6.96	1185910	20.0
Benzene, 1-methyl...	7.04	27.0	ng	1600960	1	6.96	1185910	20.0
unknown7.23	7.23	4.6	ng	270362	1	6.96	1185910	20.0
Benzene, 1,3-diet...	7.28	4.6	ng	273266	1	6.96	1185910	20.0
unknown9.93	9.93	5.7	ng	339424	3	10.01	1197790	20.0
Dodecane, 3-methyl-	10.43	5.1	ng	303645	3	10.01	1197790	20.0
Hexadecane	10.91	9.3	ng	455735	4	11.49	984621	20.0
Tetradecane	11.78	5.5	ng	272732	4	11.49	984621	20.0
Octadecane, 1-chl...	13.97	8.0	ng	784522	5	14.15	1953780	20.0
Docosane	14.29	5.5	ng	535292	5	14.15	1953780	20.0
Octadecane	14.59	6.9	ng	678232	5	14.15	1953780	20.0
Heneicosane	14.90	5.9	ng	375865	6	15.62	1270430	20.0
Benzo[e]pyrene	15.49	8.7	ng	551141	6	15.62	1270430	20.0
unknown16.75	16.75	5.0	ng	317650	6	15.62	1270430	20.0