LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085191.D
Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

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-BF030316.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	3.453	100	102	114	rBV2	49279	132704	3.45%	0.306%
2	3.818	128	134	137	rVB	21168	41324	1.07%	0.095%
3	4.299	170	176	179	rBV	36480	58651	1.52%	0.135%
4	5.201	251	255	257	rBV	1927000	3424963	89.03%	7.908%
5	5.464	276	278	280	rBV2	20929	42751	1.11%	0.099%
6	5.590	284	289	291	rBV	1564981	1983503	51.56%	4.580%
7	5.830	308	310	311	rBV	81180	103553	2.69%	0.239%
8	6.150	333	338	340	rBV4	17309	46450	1.21%	0.107%
9	6.230	342	345	348	rBV2	33454	48983	1.27%	0.113%
10	6.436	359	363	364	rBV2	30380	52741	1.37%	0.122%
11	6.470	364	366	368	rVV	122700	132962	3.46%	0.307%
12	6.504	368	369	371	rVV	215854	191774	4.99%	0.443%
13	6.539	371	372	373	rVV	73566	52597	1.37%	0.121%
14	6.607	373	378	380	rVV	2707857	3806901	98.96%	8.790%
15	6.664	381	383	386	rVB	120035	106927	2.78%	0.247%
16	6.744	387	390	393	rVV	2781543	2579117	67.04%	5.955%
17	6.802	393	395	398	rVB2	277531	299437	7.78%	0.691%
18	6.984	408	411	414	rVB2	685194	902262	23.45%	2.083%
19	7.042	414	416	417	rBV	107350	119571	3.11%	0.276%
20	7.133	422	424	427	rVV	2623196	3102194	80.64%	7.163%
21	7.259	431	435	437	rBV	147929	202527	5.26%	0.468%
22	7.293	437	438	442	rVB2	84896	183403	4.77%	0.423%
23	7.373	442	445	447	rVB2	45081	61649	1.60%	0.142%
24	7.442	447	451	452	rBV3	50699	112003	2.91%	0.259%
25	7.545	456	460	462	rBV	2670865	2914517	75.76%	6.730%
26	7.670	469	471	472	rBV	41921	44980	1.17%	0.104%
27	7.750	475	478	479	rVV2	72164	81134	2.11%	0.187%
28	7.773	479	480	483	rVB	93649	94369	2.45%	0.218%
29	7.933	491	494	497	rBV2	53211	104845	2.73%	0.242%
30	8.002	497	500	502	rBV2	149737	236026	6.14%	0.545%
31	8.116	508	510	513	rVB3	36032	69839	1.82%	0.161%
32	8.265	519	523	524	rBV	1326866	1226029	31.87%	2.831%
33	8.287	524	525	526	rVV	178105	128175	3.33%	0.296%
34	8.367	529	532	535	rVB2	38081	61049	1.59%	0.141%

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.539	546	547	552	rVB4	24640	48890	1.27%	0.113%
36	8.859	573	575	576	rBV	52603	68109	1.77%	0.157%
37	8.973	584	585	587	rVB	108208	97091	2.52%	0.224%
38	9.076	592	594	596	rVB	96578	91156	2.37%	0.210%
39	9.339	614	617	620	rBV	4136747	3846972	100.00%	8.883%
40	9.419	622	624	625	rBV	51543	45675	1.19%	0.105%
41	9.602	637	640	642	rBV	29752	41487	1.08%	0.096%
42	9.670	642	646	649	rVV4	48243	105846	2.75%	0.244%
43	9.728	649	651	653	rVV	646274	575671	14.96%	1.329%
44	9.796	655	657	659	rVV	36789	51454	1.34%	0.119%
45	9.876	662	664	668	rVV	48495	60414	1.57%	0.139%
46	9.945	668	670	672	rVV	110364	110340	2.87%	0.255%
47	10.025	674	677	678	rVV	820461	1087124	28.26%	2.510%
48	10.048	678	679	681	rVB	92293	91765	2.39%	0.212%
49	10.173	687	690	692	rBV2	29624	57094	1.48%	0.132%
50	10.219	692	694	696	rVB	66393	75638	1.97%	0.175%
51	10.448	710	714	715	rBV	184465	173186	4.50%	0.400%
52	10.516	718	720	723	rBV4	25046	55430	1.44%	0.128%
53	10.562	723	724	727	rVV	95824	97616	2.54%	0.225%
54	10.665	729	733	736	rVV4	50374	104048	2.70%	0.240%
55	10.802	743	745	747	rVB	795481	721144	18.75%	1.665%
56	10.916	753	755	759	rVB	160032	196891	5.12%	0.455%
57	11.111	769	772	774	rBV3	42224	56961	1.48%	0.132%
58	11.259	781	785	788	rBV5	29181	73388	1.91%	0.169%
59	11.305	788	789	792	rVB	45327	43544	1.13%	0.101%
60	11.362	792	794	796	rBV2	83653	107737	2.80%	0.249%
61	11.396	796	797	800	rVB	74661	75669	1.97%	0.175%
62	11.499	804	806	808	rBV2	775447	1280404	33.28%	2.956%
63	11.579	810	813	814	rBV	155772	170807	4.44%	0.394%
64	11.614	814	816	822	rVB4	46533	101143	2.63%	0.234%
65	11.728	824	826	830	rVB2	81150	129768	3.37%	0.300%
66	11.796	830	832	834	rBV2	56872	123085	3.20%	0.284%
67	11.831	834	835	839	rVB3	51303	86082	2.24%	0.199%
68	11.922	839	843	845	rVB2	24652	61578	1.60%	0.142%
69	11.979	845	848	849	rBV3	25664	49716	1.29%	0.115%
70	12.025	849	852	855	rBV2	192218	462318	12.02%	1.067%
71	12.082	855	857	858	rVV	55055	81588	2.12%	0.188%

LSC Area Percent Report

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Operator : SJ/UM
Sample : H1649-04
Misc :
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Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.116	858	860	864	rVB2	163422	263451	6.85%	0.608%
73	12.299	875	876	880	rVB	78717	119326	3.10%	0.276%
74	12.448	886	889	890	rBV	41293	47666	1.24%	0.110%
75	12.551	896	898	900	rBV	64878	71630	1.86%	0.165%
76	12.585	900	901	904	rVV2	42407	64143	1.67%	0.148%
77	12.642	904	906	908	rVB2	38274	57835	1.50%	0.134%
78	12.711	910	912	915	rBV	602307	666664	17.33%	1.539%
79	12.905	927	929	930	rBV2	31089	45847	1.19%	0.106%
80	12.939	930	932	935	rVB	519980	715996	18.61%	1.653%
81	12.997	935	937	939	rVB2	25754	41168	1.07%	0.095%
82	13.088	942	945	947	rBV	3046396	2756857	71.66%	6.366%
83	13.157	947	951	955	rVB3	42632	72998	1.90%	0.169%
84	13.271	957	961	963	rVB	88340	126511	3.29%	0.292%
85	13.339	963	967	968	rBV	70305	95127	2.47%	0.220%
86	13.374	968	970	971	rBV	86024	86133	2.24%	0.199%
87	13.442	974	976	977	rBV2	30572	49347	1.28%	0.114%
88	13.568	985	987	992	rBV	163635	405845	10.55%	0.937%
89	13.774	1002	1005	1008	rBV	89103	140666	3.66%	0.325%
90	13.888	1012	1015	1016	rVV2	57604	93573	2.43%	0.216%
91	13.979	1020	1023	1027	rVB3	220711	334531	8.70%	0.772%
92	14.140	1034	1037	1038	rBV2	946080	1092018	28.39%	2.521%
93	14.242	1044	1046	1048	rBV	72056	85658	2.23%	0.198%
94	14.997	1109	1112	1113	rBV	71655	116946	3.04%	0.270%
95	15.180	1125	1128	1132	rVB	245842	498117	12.95%	1.150%
96	15.488	1153	1155	1158	rVV	148516	209556	5.45%	0.484%
97	15.545	1158	1160	1163	rVV	203613	260461	6.77%	0.601%
98	15.614	1163	1166	1172	rVB	622795	955551	24.84%	2.206%
99	17.077	1292	1294	1299	rVB2	81200	185467	4.82%	0.428%
100	17.523	1330	1333	1340	rVB	76279	193479	5.03%	0.447%

Sum of corrected areas: 43309306

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Sample : H1649-04
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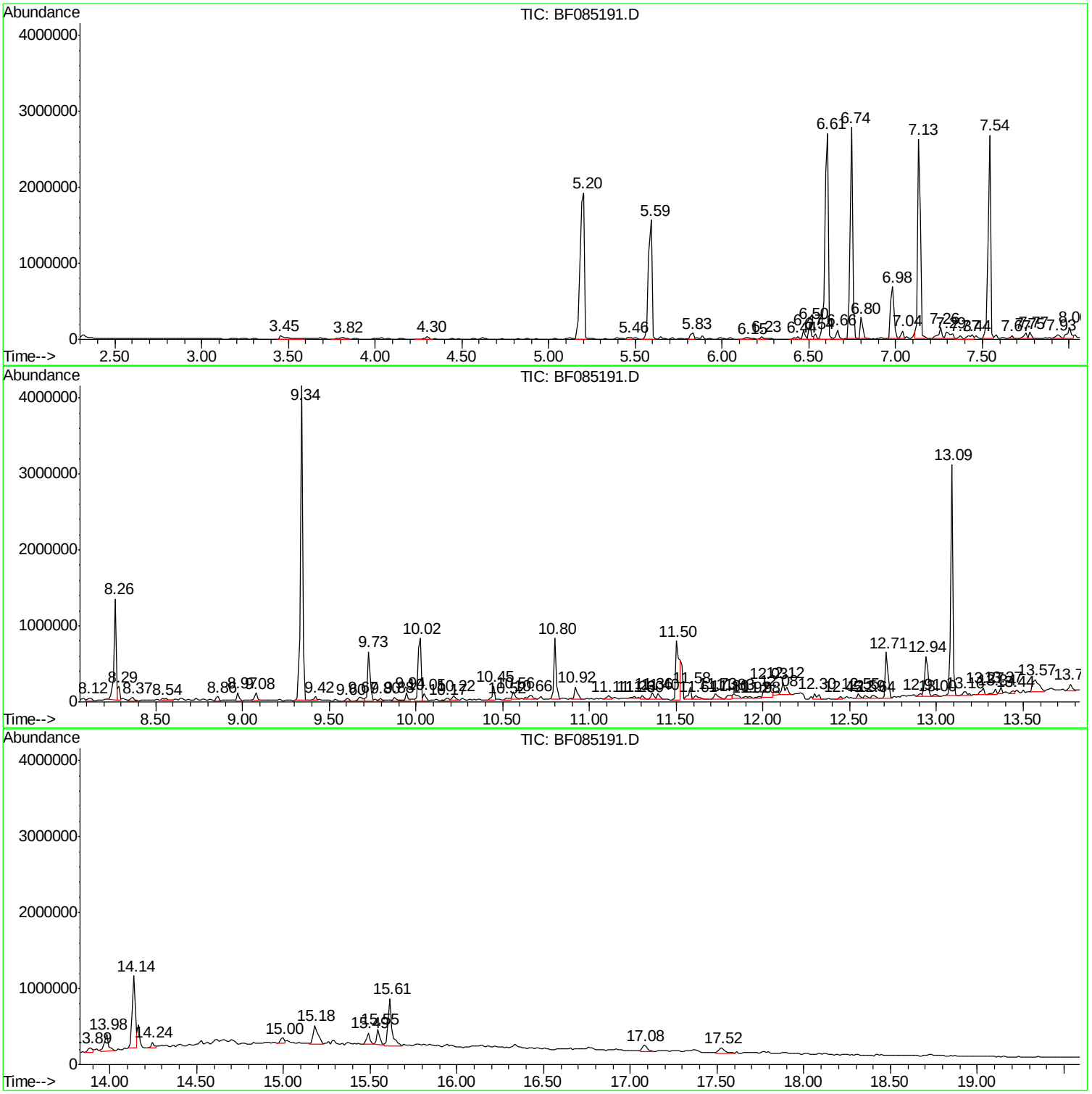
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030316\
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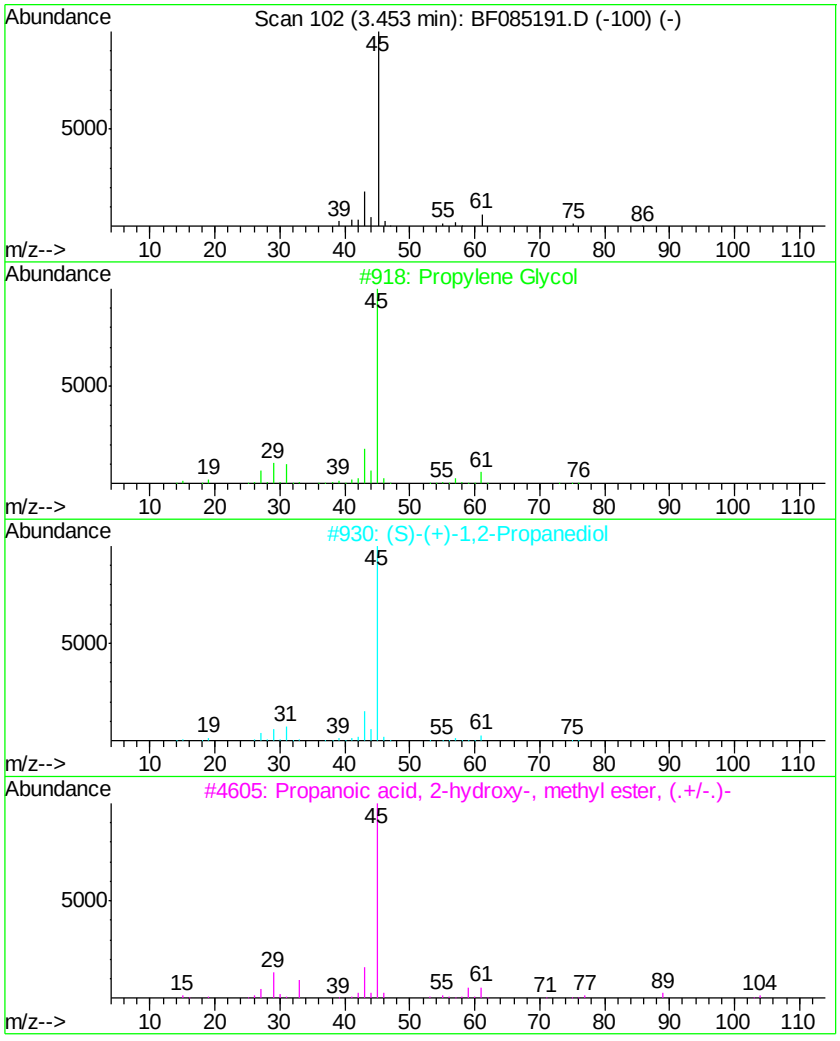
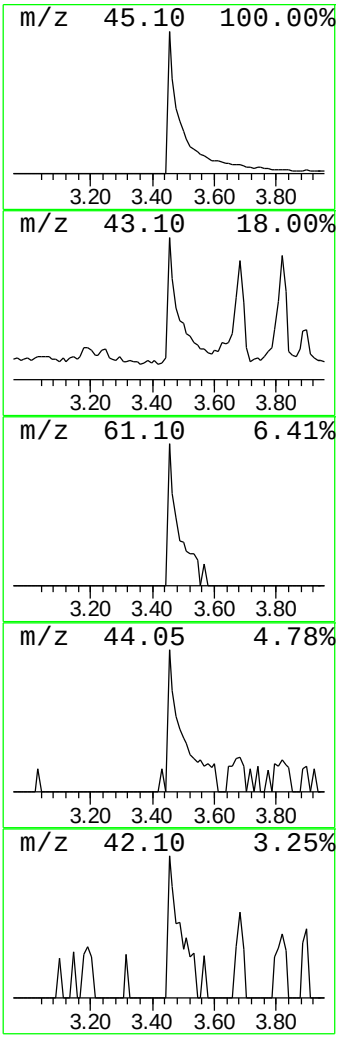
****

Peak Number 1 Propylene Glycol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.94 ng	132704	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
4	2-Methoxyisopropyl cyanoacetate	157	C7H11NO3	032804-79-8	9
5	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085191.D
Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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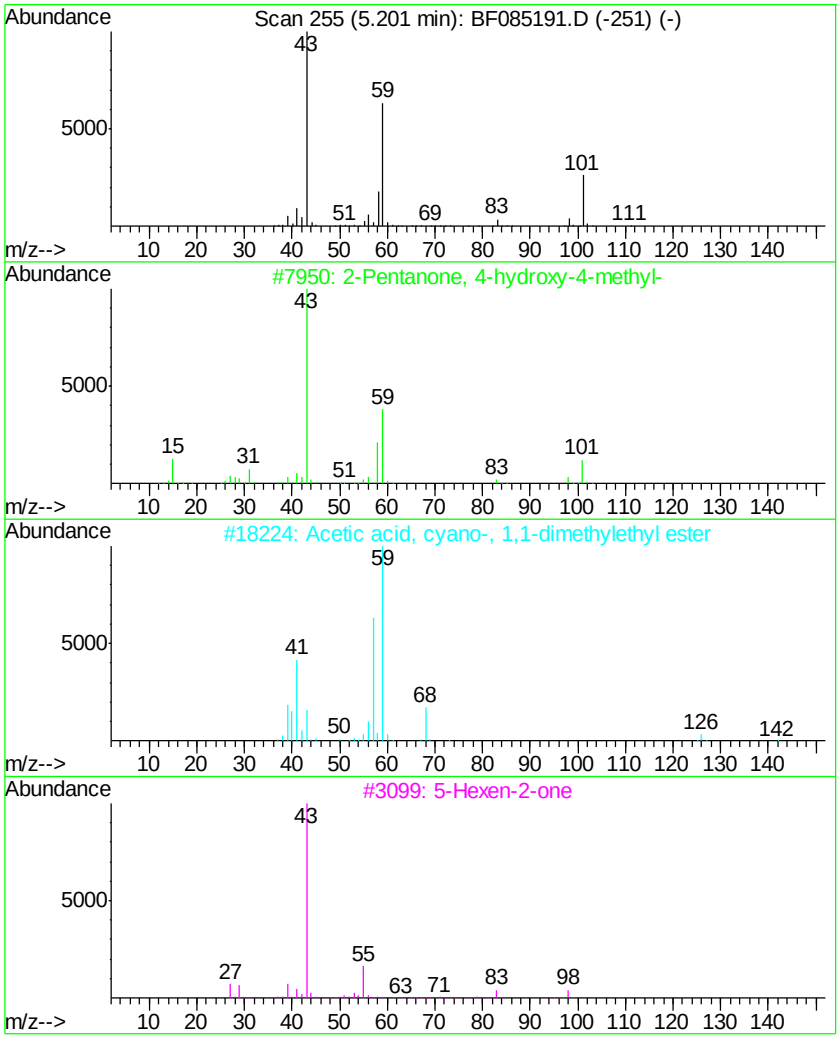
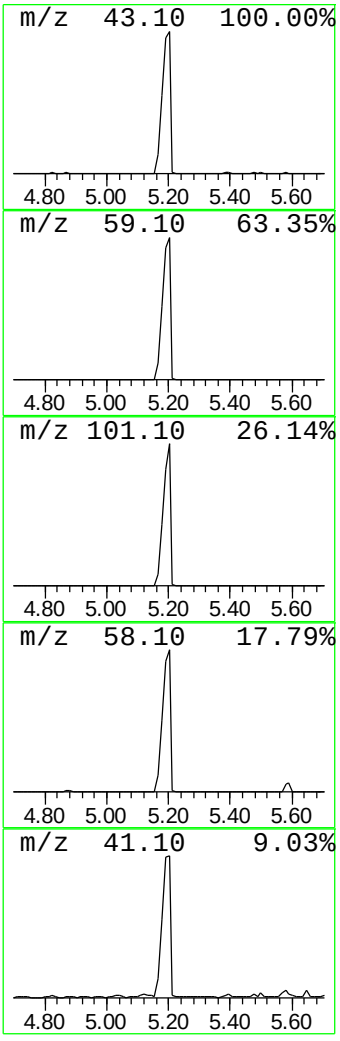
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	75.92 ng	3424960	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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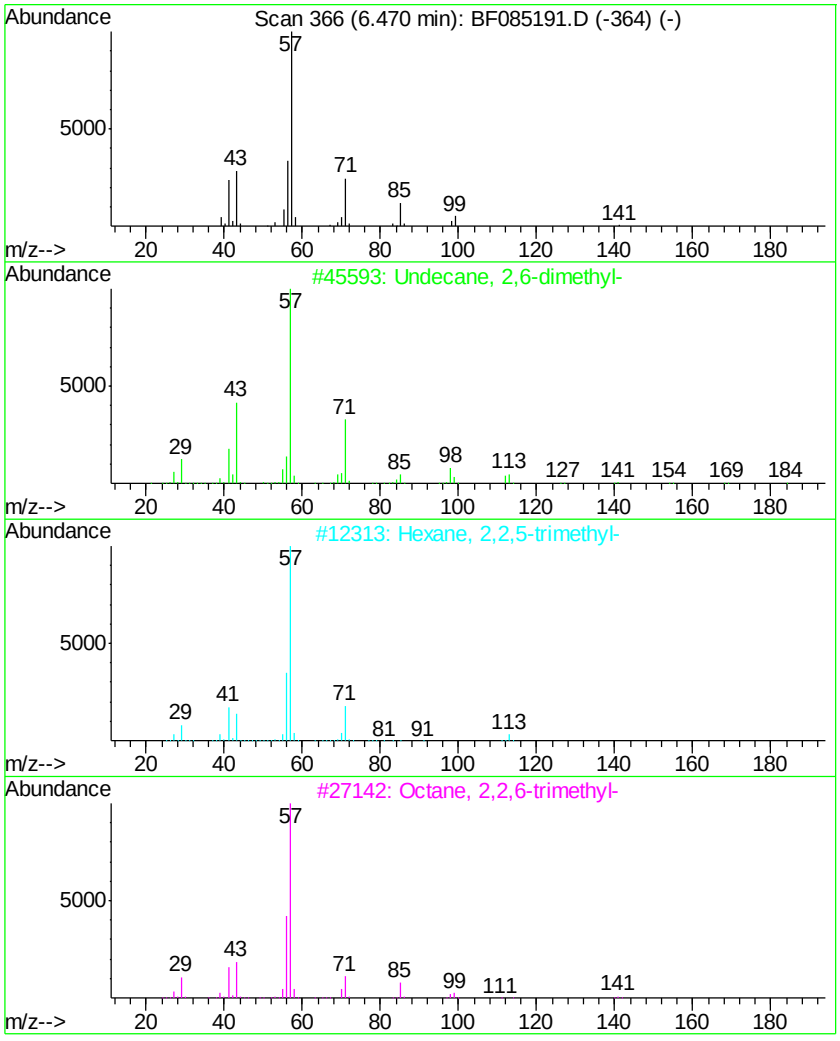
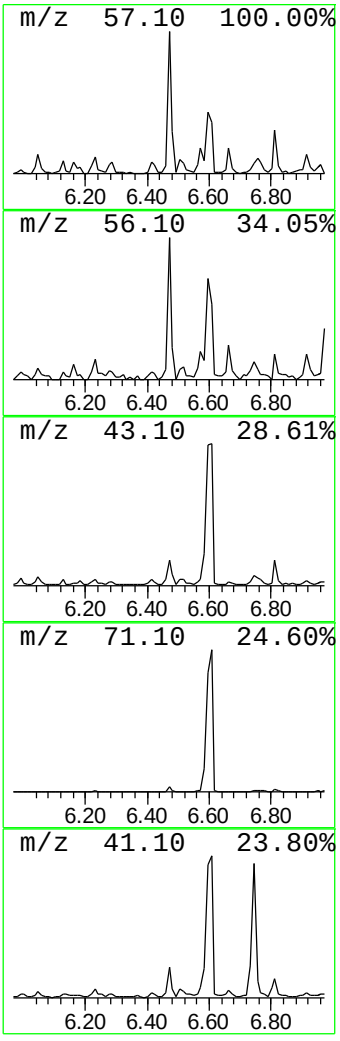
Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.95 ng	132962	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	56





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ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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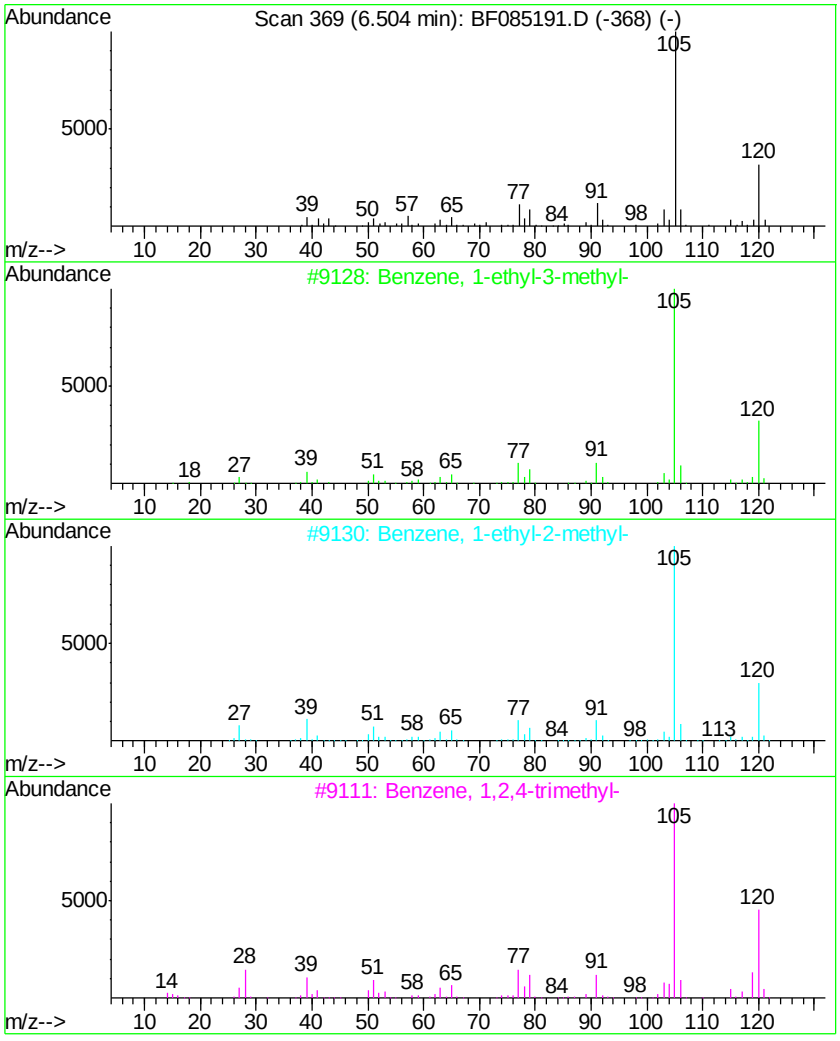
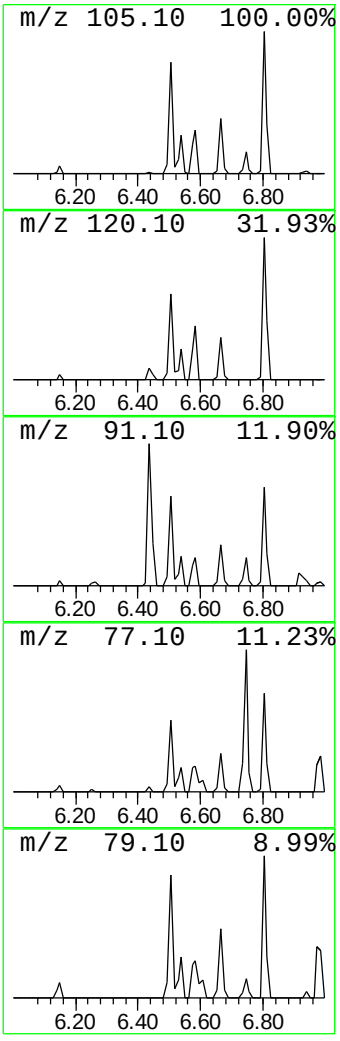
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	4.25 ng	191774	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085191.D
Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

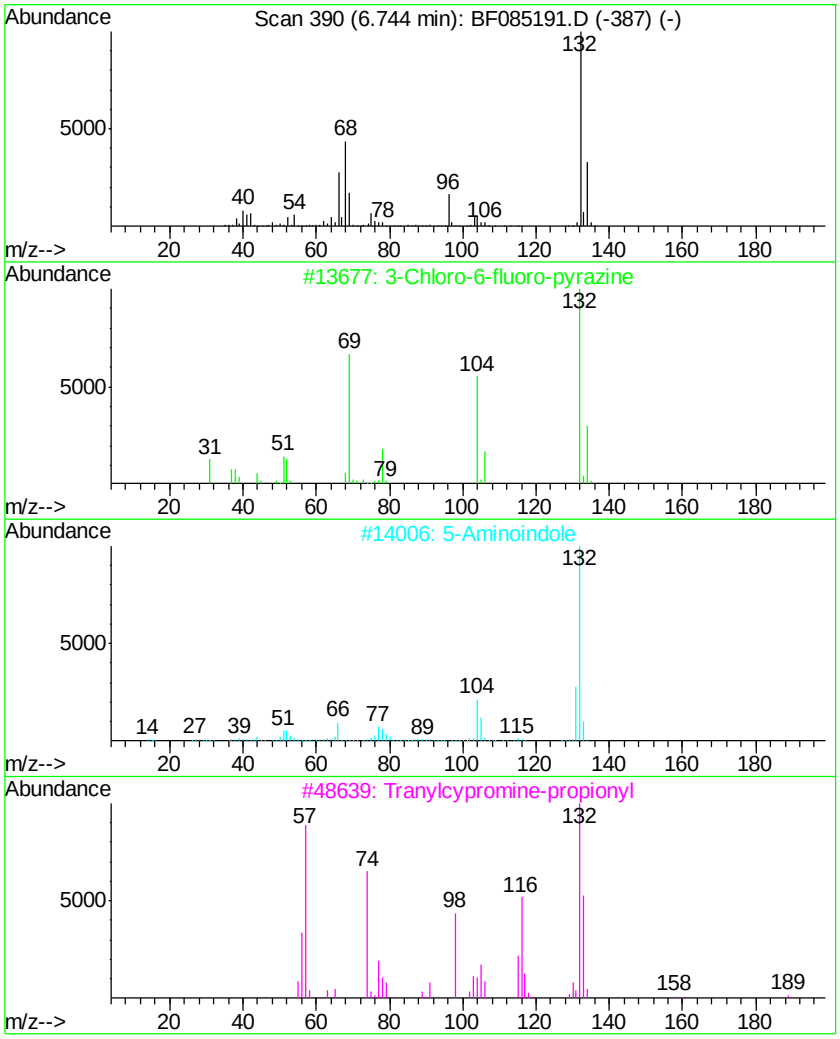
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

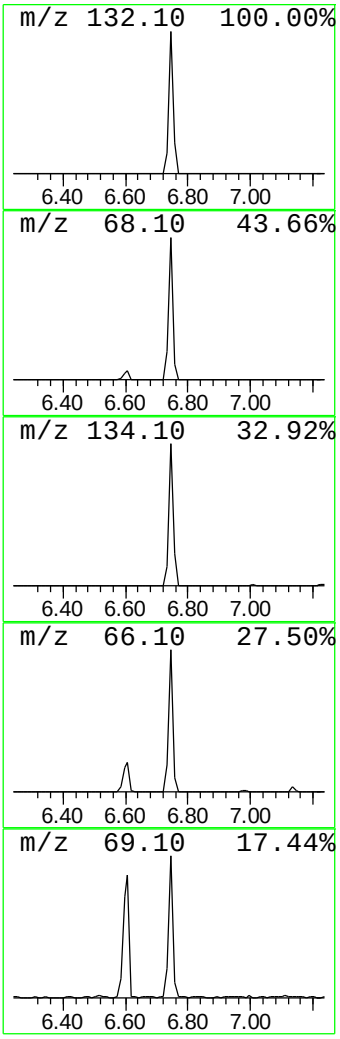
****

Peak Number 5 unknown6.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	57.17 ng	2579120	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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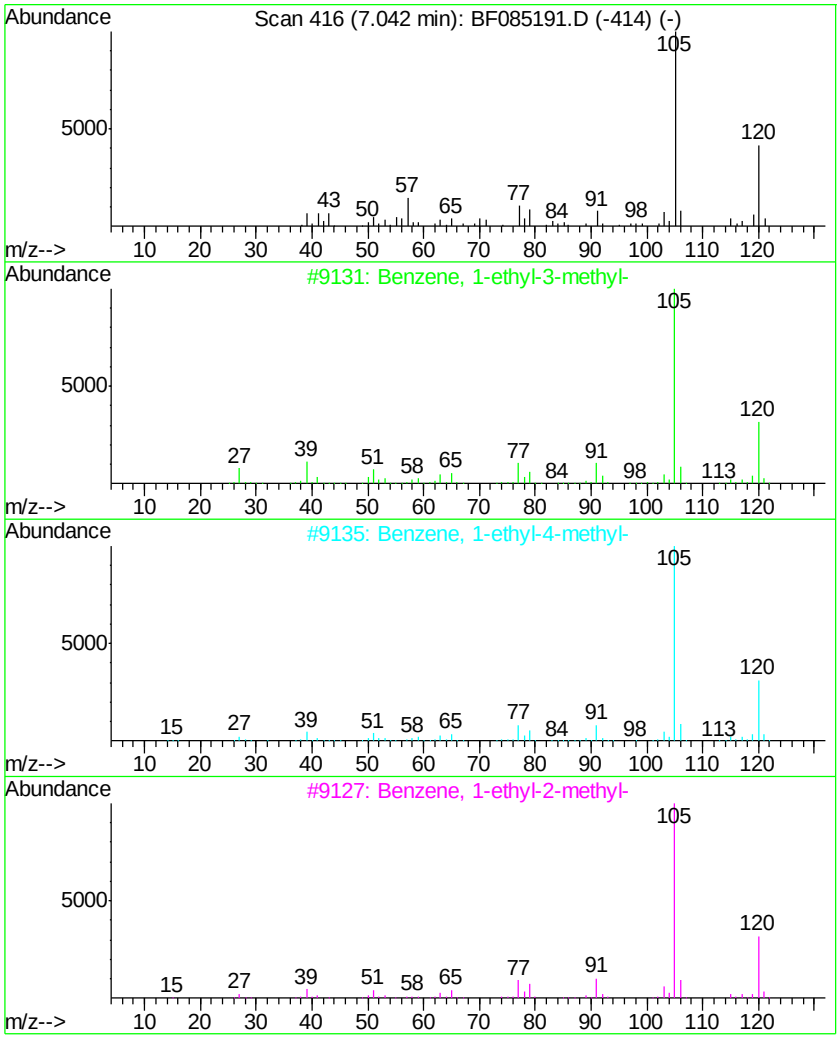
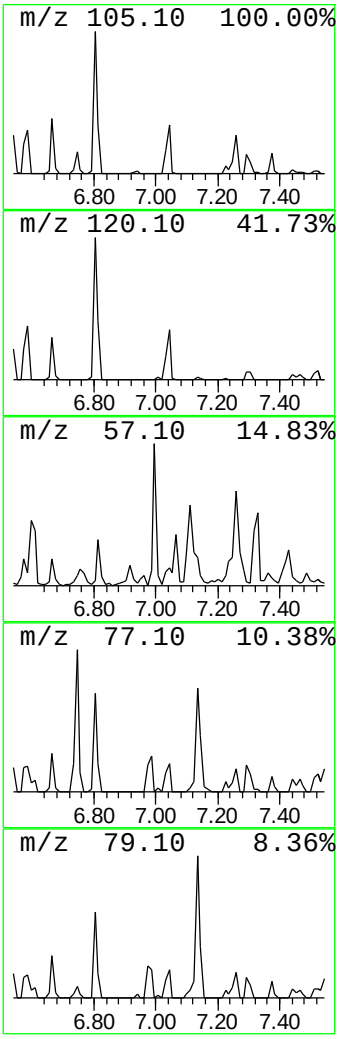
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	2.65 ng	119571	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81





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Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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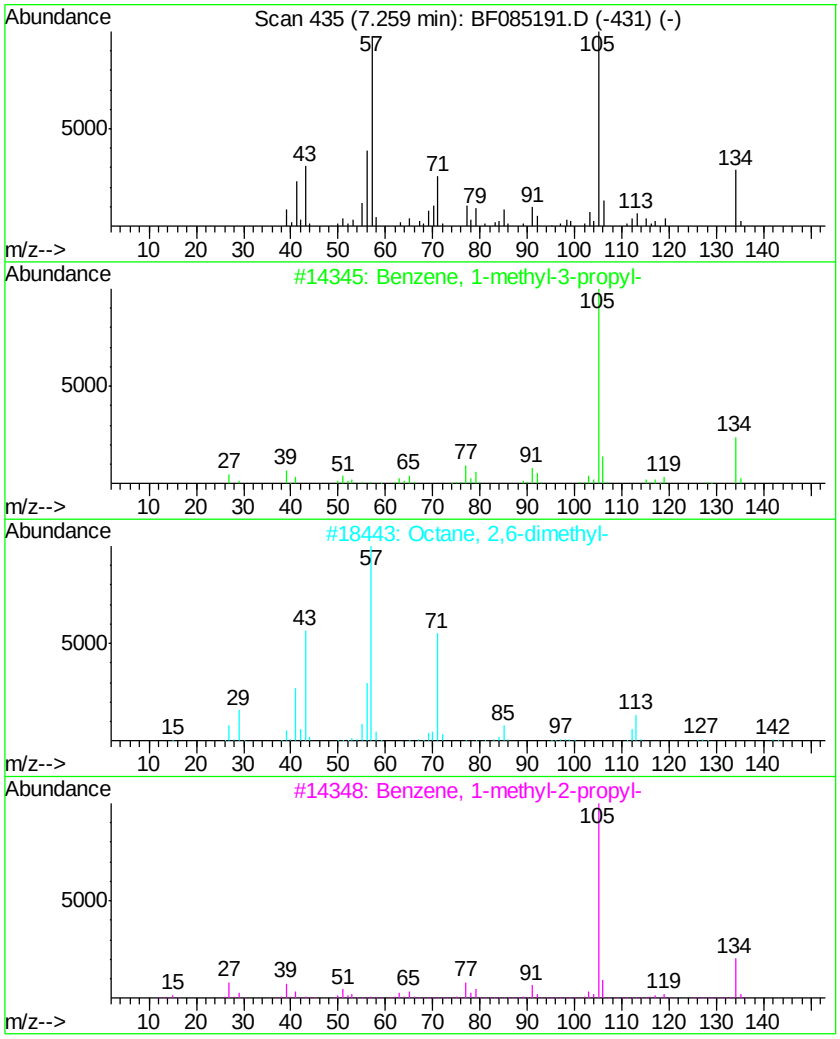
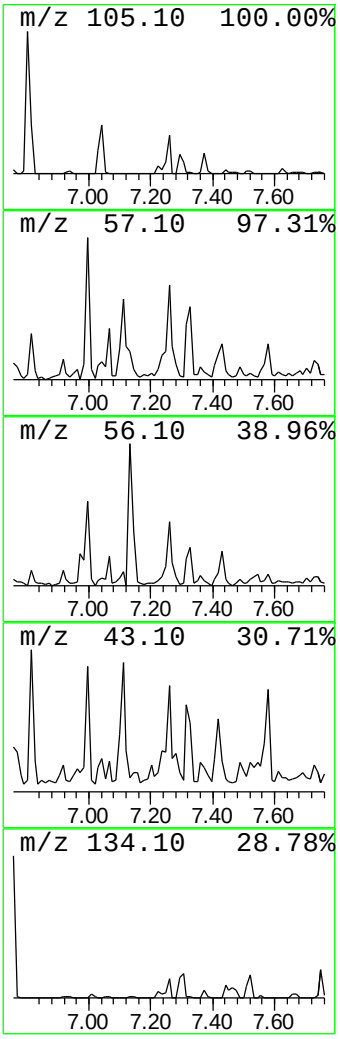
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	4.49 ng	202527	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38





Library Search Compound Report

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Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-C3(1)14W-20160301

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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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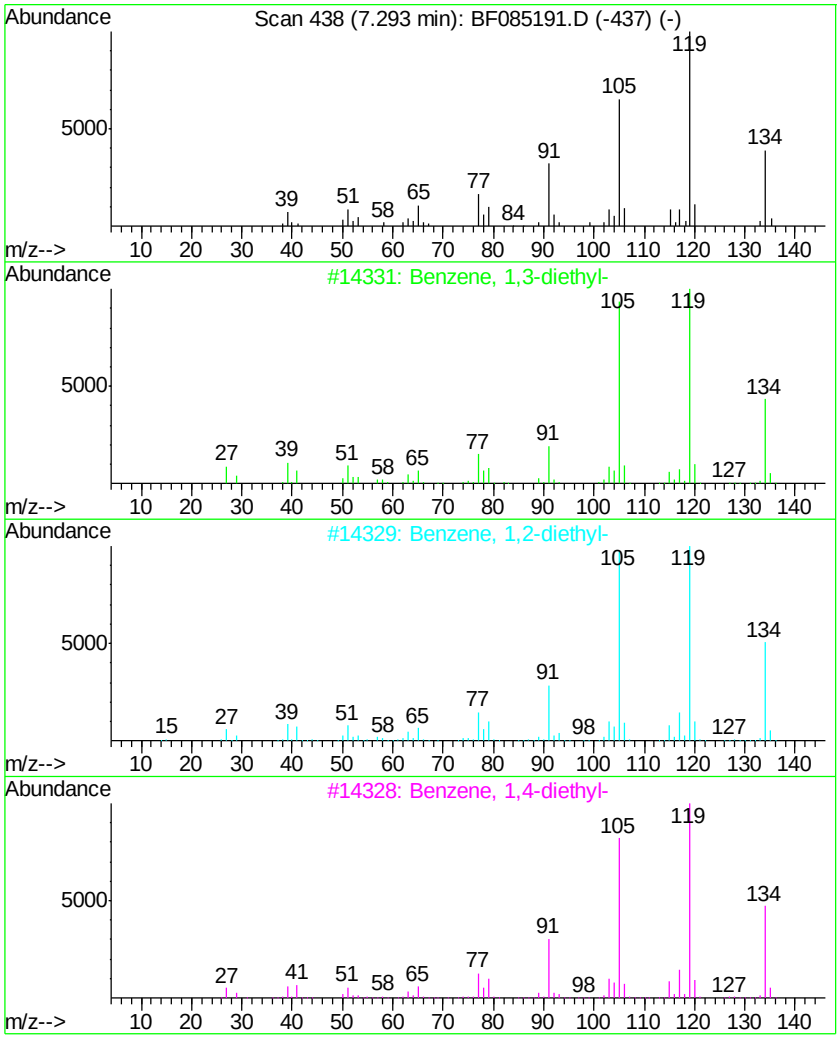
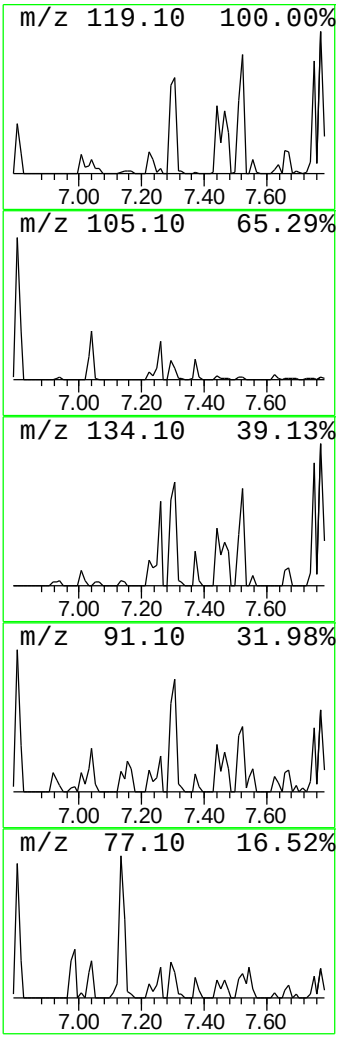
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	4.07 ng	183403	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Sample : H1649-04
Misc :
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Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

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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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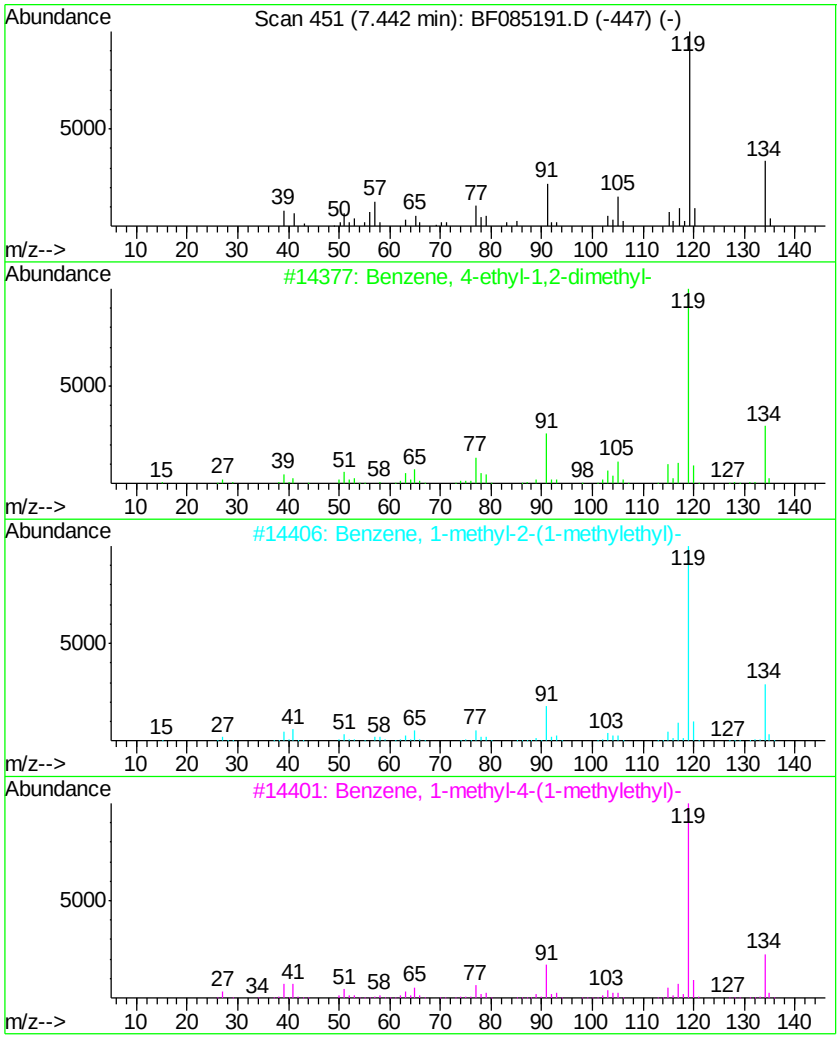
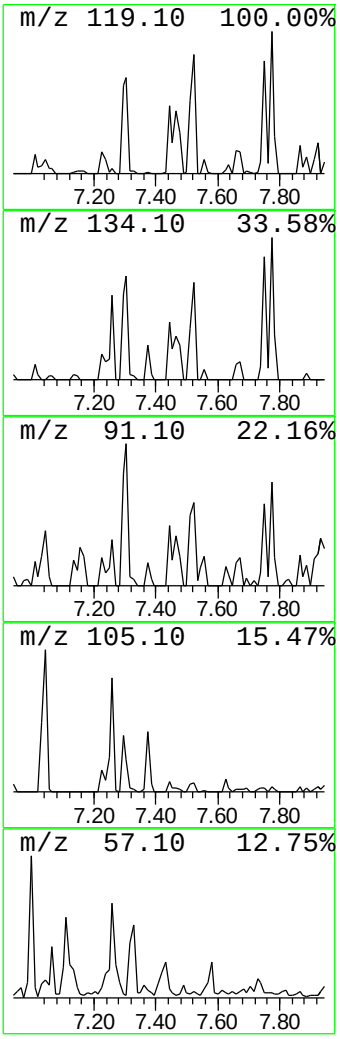
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	2.48 ng	112003	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





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Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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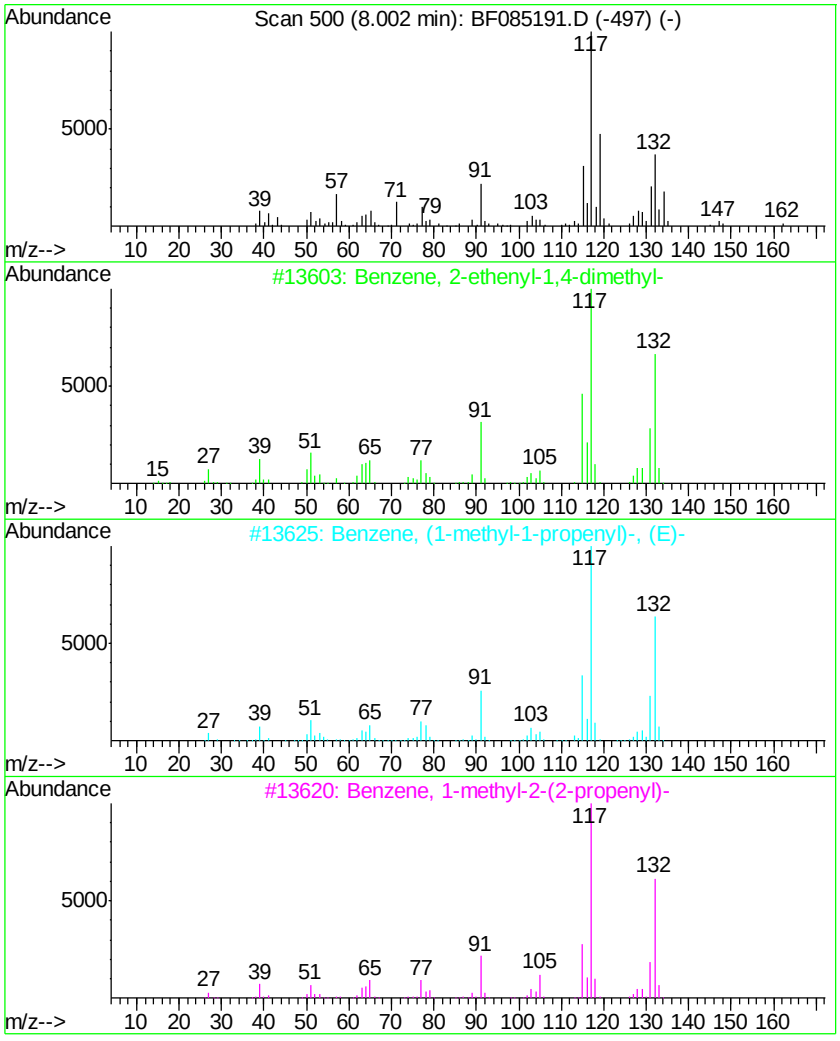
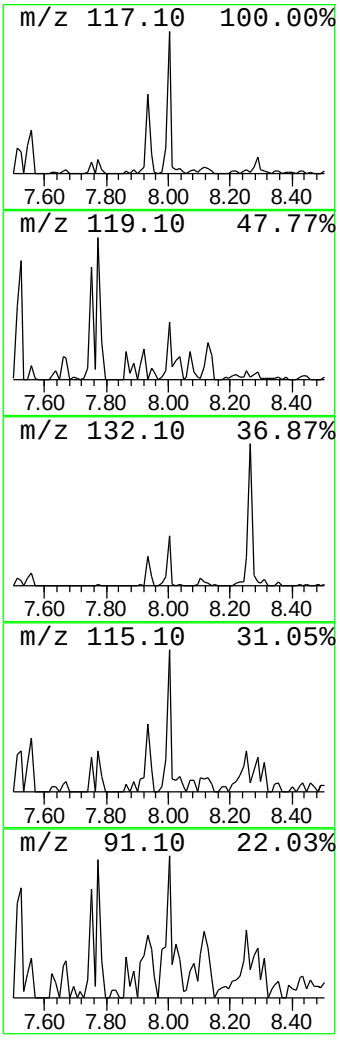
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.85 ng	236026	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





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Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BT-C3(1)14W-20160301

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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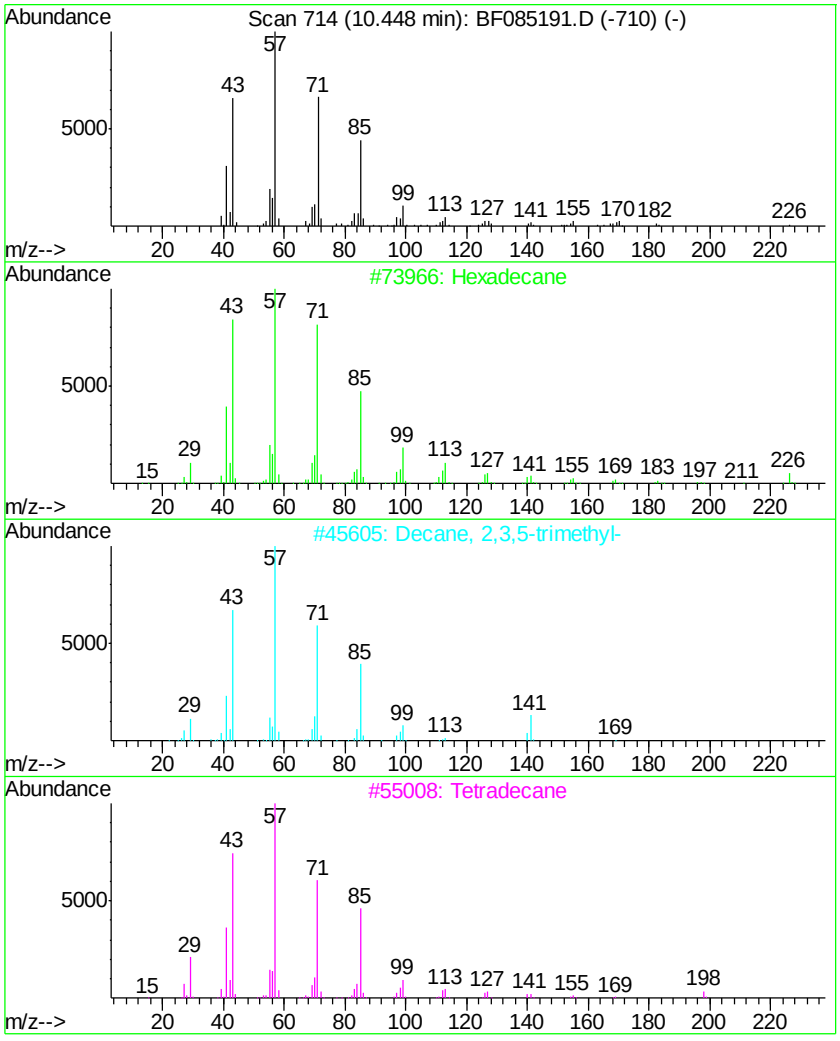
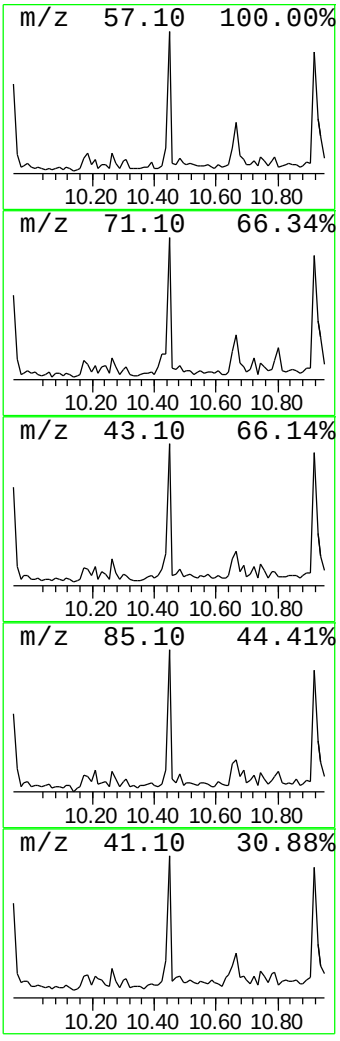
Peak Number 13 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.19 ng	173186	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Dodecane	170	C12H26	000112-40-3	80





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Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

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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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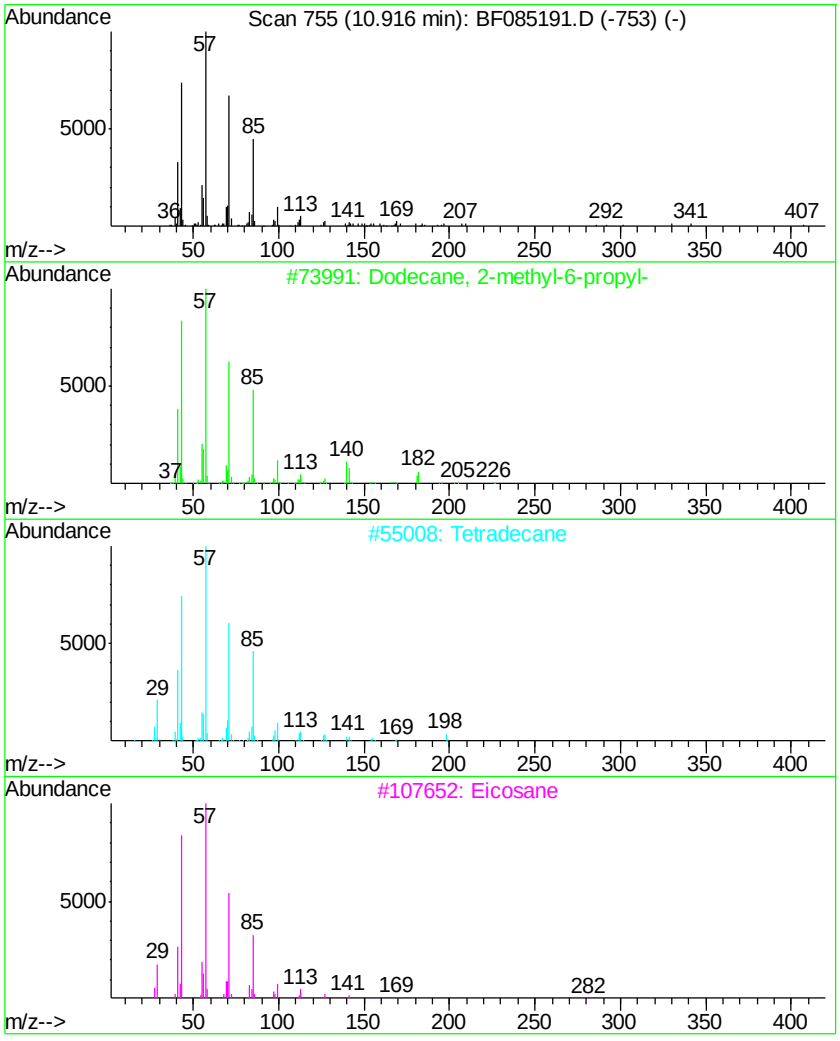
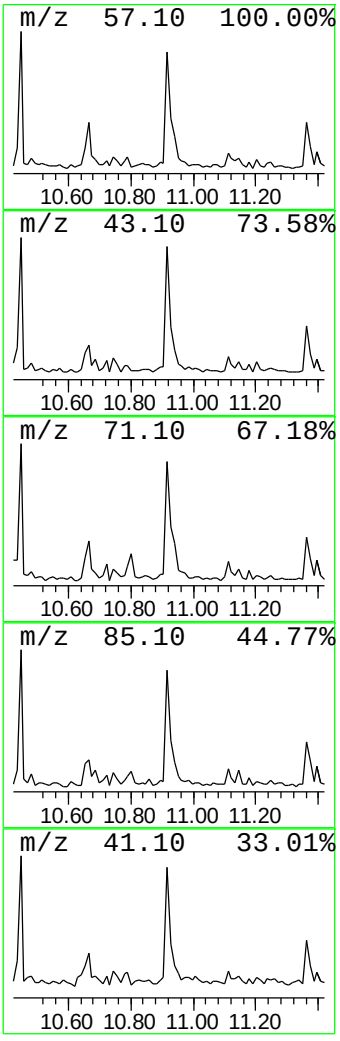
Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.08 ng	196891	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Eicosane	282	C20H42	000112-95-8	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	62





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Operator : SJ/UM
Sample : H1649-04
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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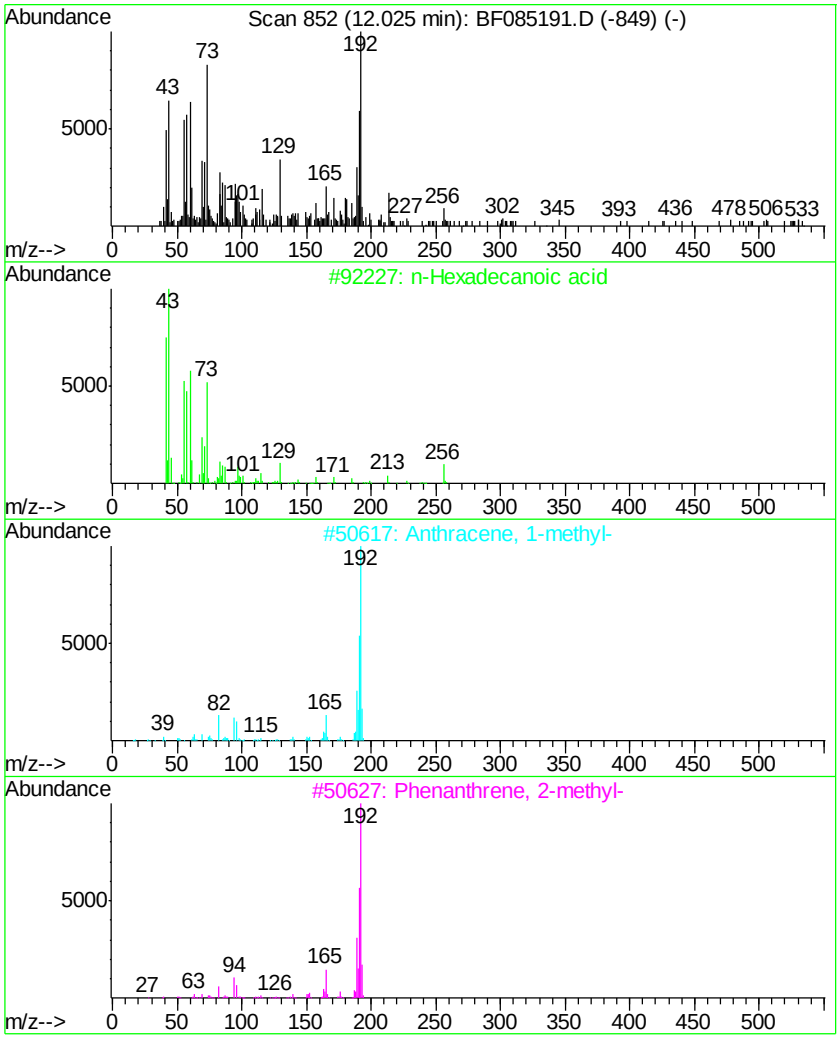
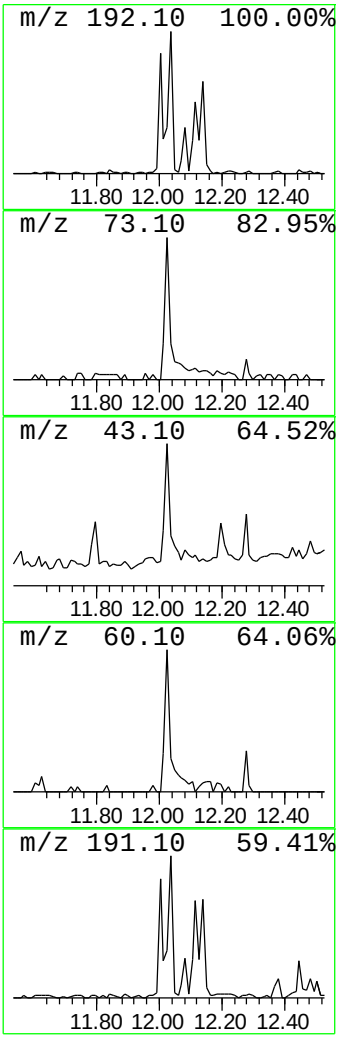
Peak Number 15 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	7.22 ng	462318	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	64





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Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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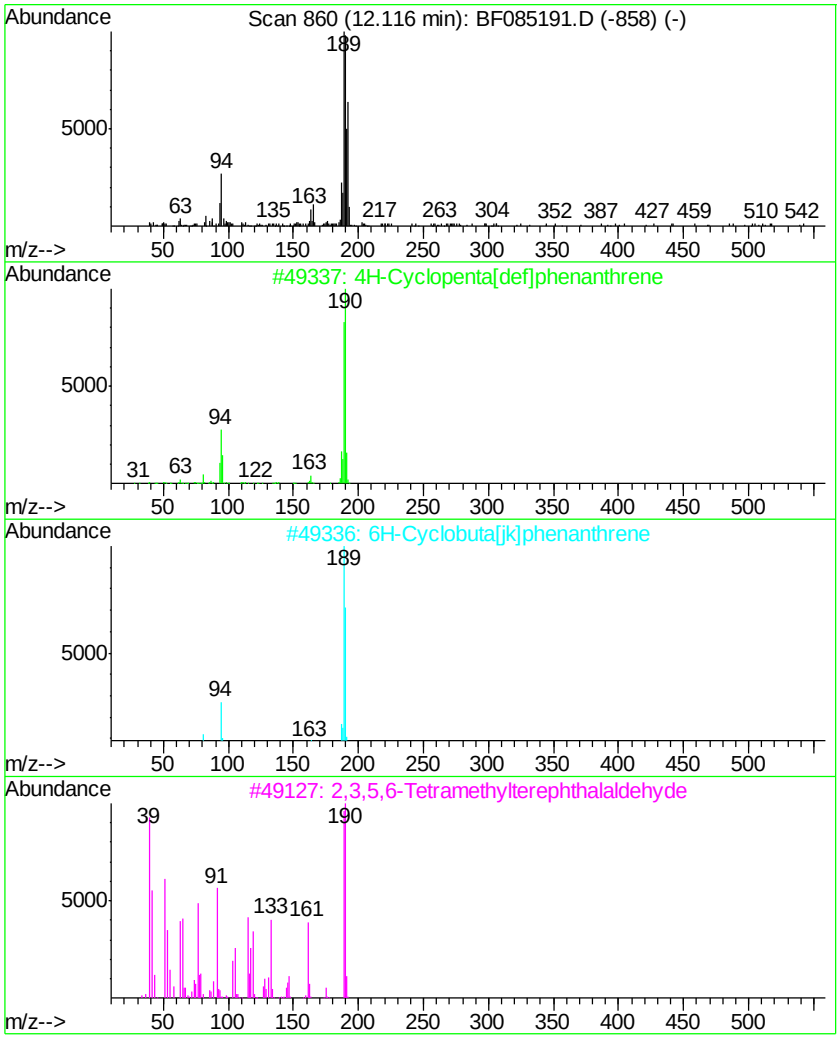
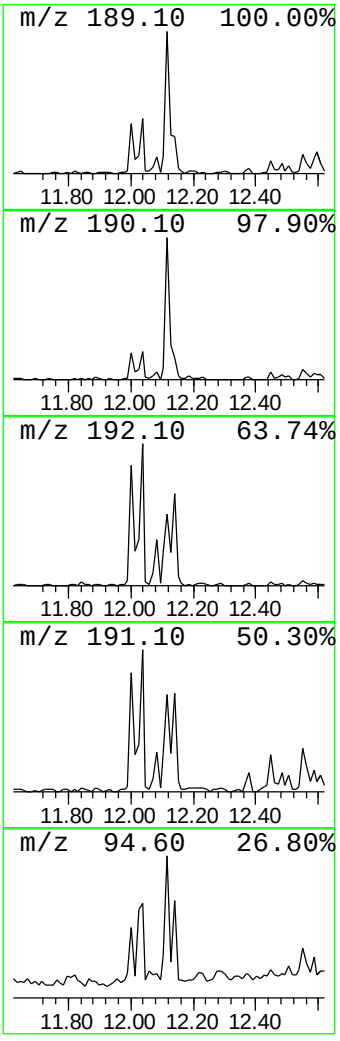
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	4.12 ng	263451	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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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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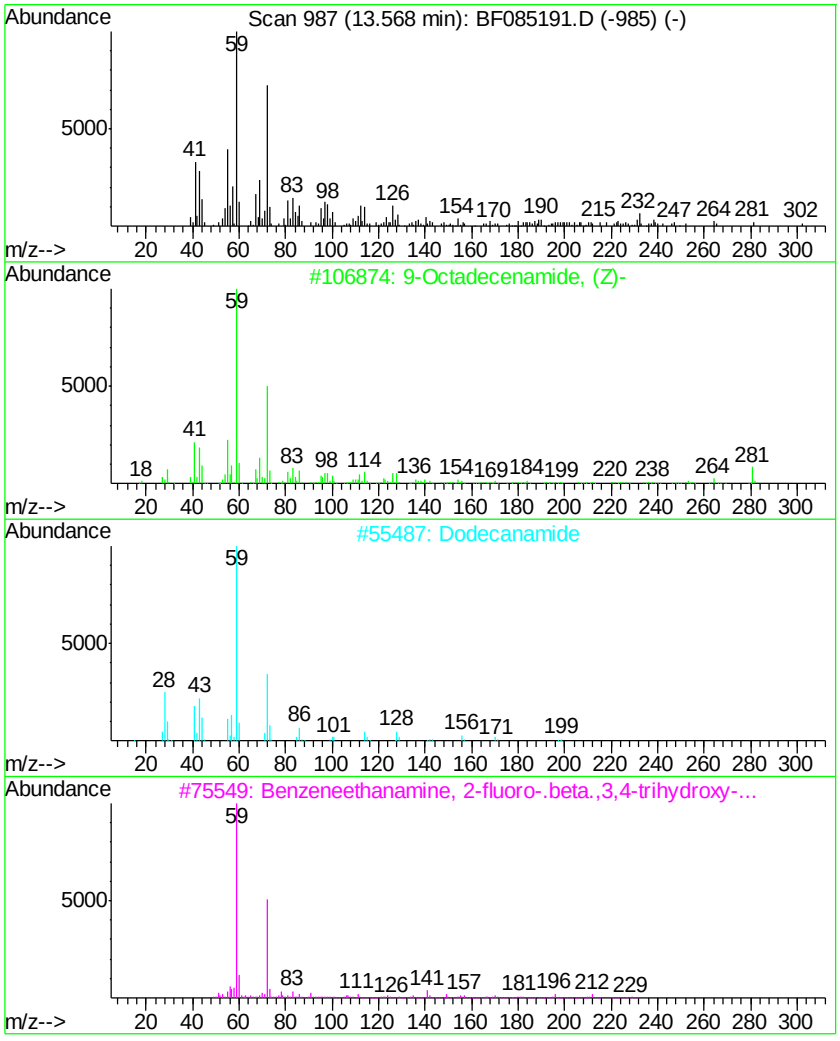
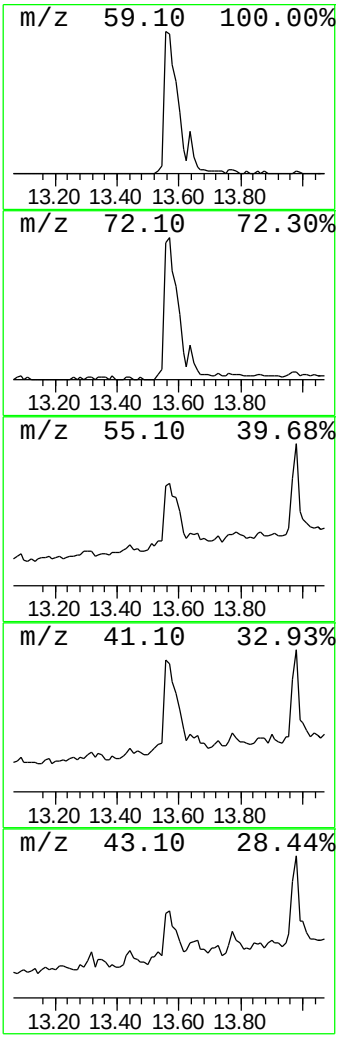
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	7.43 ng	405845	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Dodecanamide	199	C12H25NO	001120-16-7	53
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
4	Tetradecanamide	227	C14H29NO	000638-58-4	49
5	Nonanamide	157	C9H19NO	001120-07-6	43





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ClientSampleId : BT-C3(1)14W-20160301

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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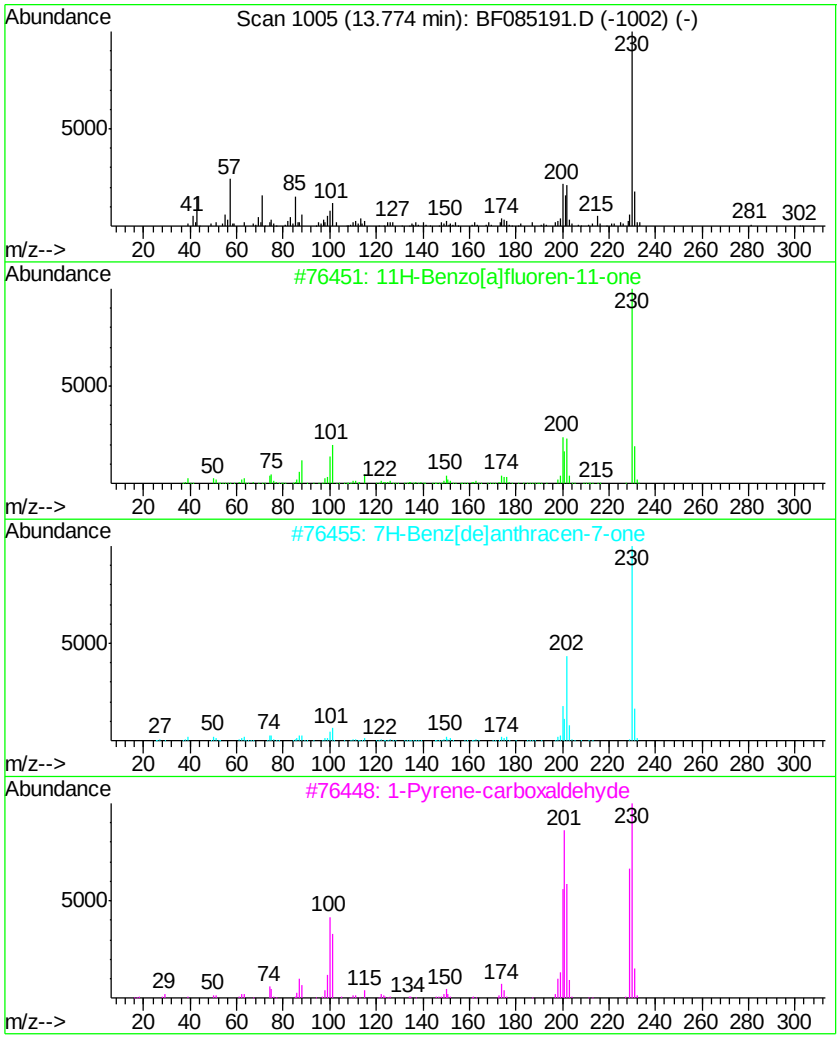
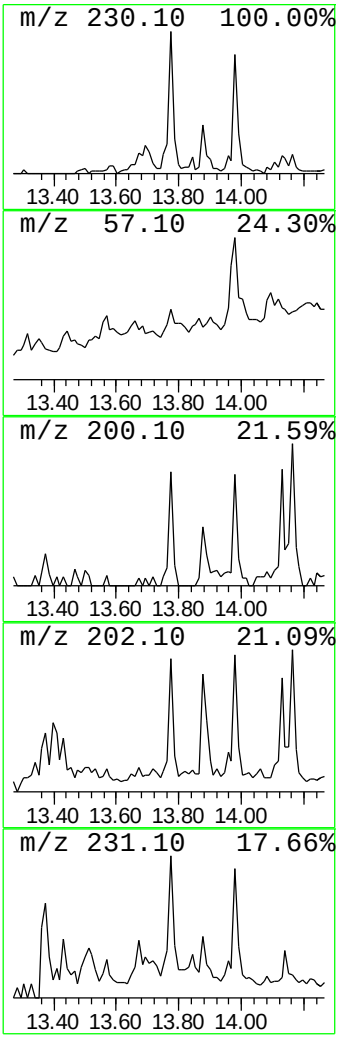
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.58 ng	140666	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	74
4	o-Terphenyl	230	C18H14	000084-15-1	52
5	m-Terphenyl	230	C18H14	000092-06-8	47





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Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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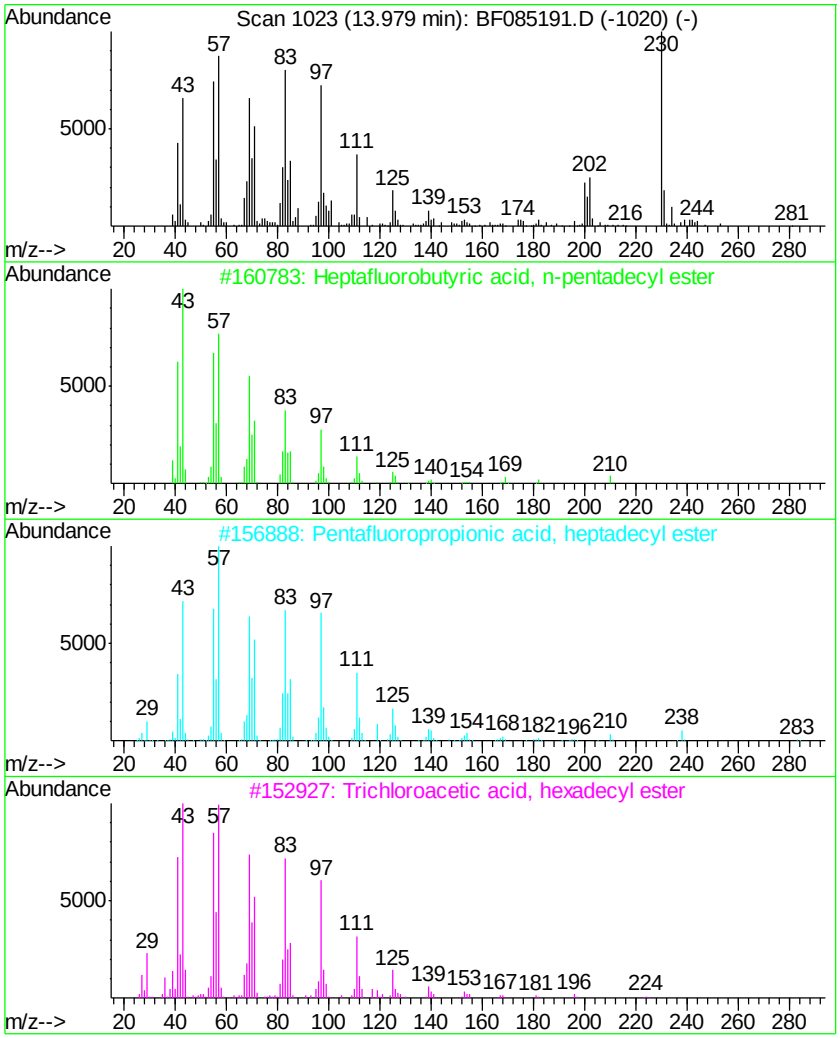
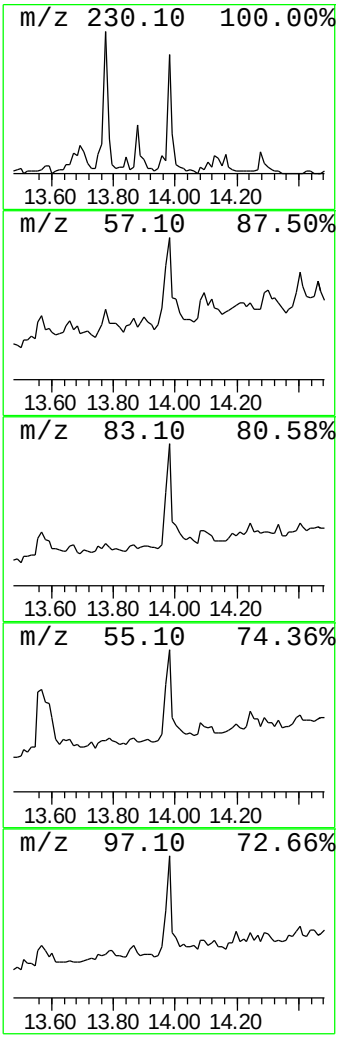
Peak Number 19 Heptafluorobutyric acid, n-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	6.13 ng	334531	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	60
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	60
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	60
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	60





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085191.D
Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

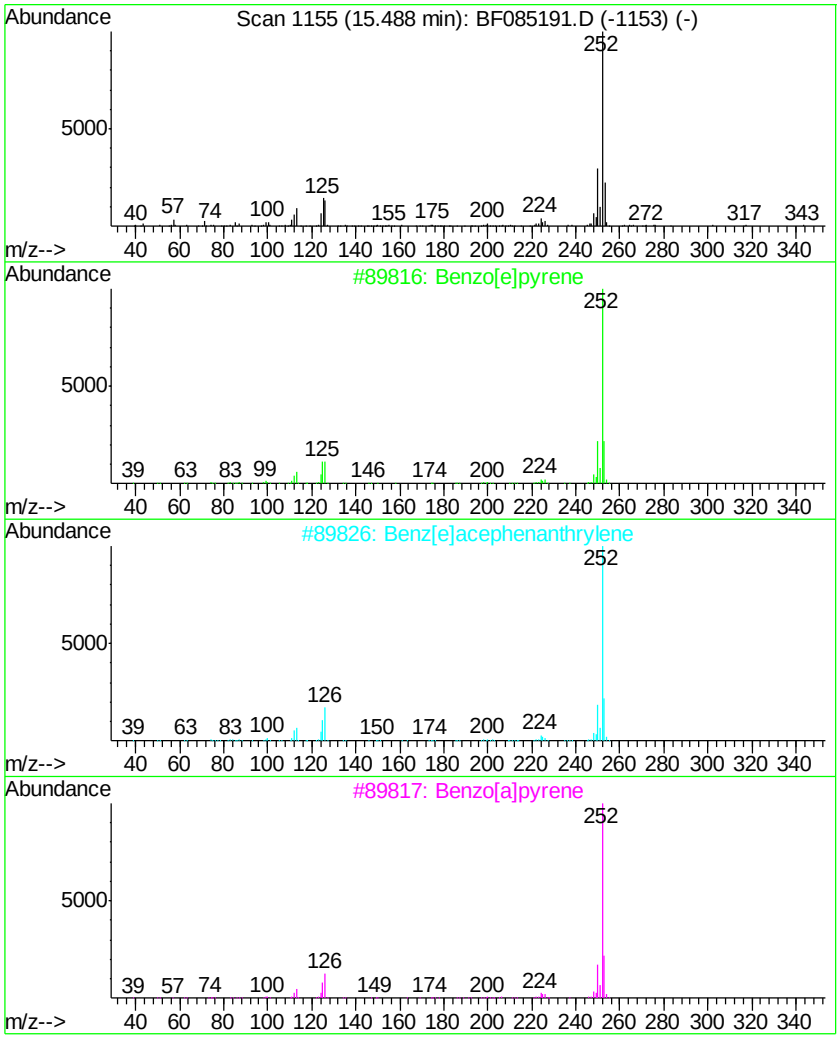
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

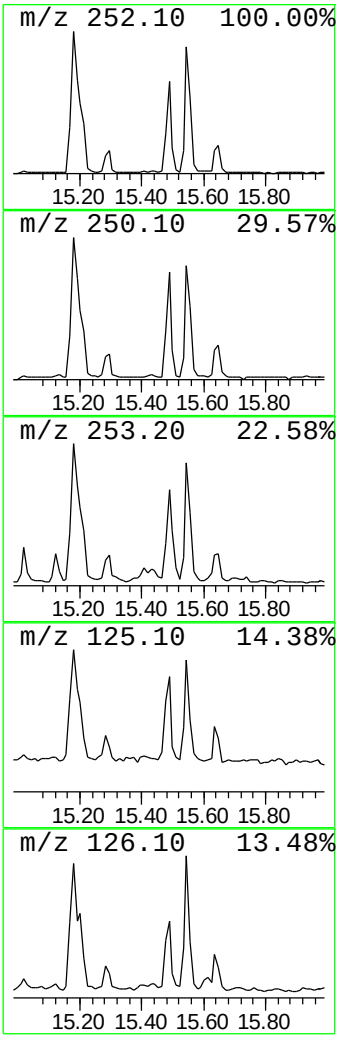
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.39 ng	209556	Perylene-d12	15.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085191.D
Acq On : 4 Mar 2016 7:27
Operator : SJ/UM
Sample : H1649-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)14W-20160301

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
Propylene Glycol	3.45	2.9	ng	132704	1	6.98	902262	20.0
2-Pentanone, 4-hy...	5.20	75.9	ng	3424960	1	6.98	902262	20.0
Undecane, 2,6-dim...	6.47	3.0	ng	132962	1	6.98	902262	20.0
Benzene, 1-ethyl-...	6.50	4.3	ng	191774	1	6.98	902262	20.0
unknown6.74	6.74	57.2	ng	2579120	1	6.98	902262	20.0
Benzene, 1-ethyl-...	7.04	2.6	ng	119571	1	6.98	902262	20.0
Benzene, 1-methyl...	7.26	4.5	ng	202527	1	6.98	902262	20.0
Benzene, 1,3-diet...	7.29	4.1	ng	183403	1	6.98	902262	20.0
Benzene, 4-ethyl-...	7.44	2.5	ng	112003	1	6.98	902262	20.0
Benzene, 2-etheny...	8.00	3.9	ng	236026	2	8.26	1226030	20.0
Hexadecane	10.45	3.2	ng	173186	3	10.02	1087120	20.0
Dodecane, 2-methy...	10.92	3.1	ng	196891	4	11.50	1280400	20.0
n-Hexadecanoic acid	12.03	7.2	ng	462318	4	11.50	1280400	20.0
4H-Cyclopenta[def...	12.12	4.1	ng	263451	4	11.50	1280400	20.0
9-Octadecenamide,...	13.57	7.4	ng	405845	5	14.14	1092020	20.0
11H-Benzo[a]fluor...	13.77	2.6	ng	140666	5	14.14	1092020	20.0
Heptafluorobutyri...	13.98	6.1	ng	334531	5	14.14	1092020	20.0
Benzo[e]pyrene	15.49	4.4	ng	209556	6	15.61	955551	20.0