LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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	3.681	115	122	125	rBV	23354	52001	1.62%	0.122%
2	3.818	125	134	137	rBV	38073	82773	2.57%	0.193%
3	4.035	148	153	155	rBV	44368	61301	1.90%	0.143%
4	4.298	171	176	179	rBV	35616	52395	1.63%	0.122%
5	5.121	243	248	251	rBV3	23220	57858	1.80%	0.135%
6	5.190	251	254	257	rBV	533974	670795	20.84%	1.568%
7	5.590	285	289	292	rVV	2540197	2700811	83.91%	6.313%
8	5.647	292	294	298	rVV	57712	98731	3.07%	0.231%
9	5.716	298	300	302	rVV	49152	53380	1.66%	0.125%
10	5.830	308	310	312	rVV	268432	265050	8.23%	0.620%
11	5.887	314	315	318	rVB	59893	68785	2.14%	0.161%
12	6.013	323	326	327	rBV2	27202	50695	1.57%	0.119%
13	6.047	327	329	331	rBV	44702	51717	1.61%	0.121%
14	6.150	333	338	340	rBV3	49599	95312	2.96%	0.223%
15	6.230	343	345	348	rBV2	54773	85513	2.66%	0.200%
16	6.424	359	362	363	rBV	47291	74234	2.31%	0.174%
17	6.481	365	367	368	rVV	243192	287779	8.94%	0.673%
18	6.504	368	369	371	rVV	411022	496722	15.43%	1.161%
19	6.539	371	372	374	rVV	250640	199293	6.19%	0.466%
20	6.607	374	378	380	rVV2	2794743	3218820	100.00%	7.524%
21	6.664	381	383	385	rVV	193020	248613	7.72%	0.581%
22	6.756	388	391	393	rVV	2400760	2960197	91.97%	6.920%
23	6.813	393	396	398	rVB	992309	953694	29.63%	2.229%
24	6.927	403	406	409	rVV3	37347	76687	2.38%	0.179%
25	6.984	409	411	415	rVV2	1012715	1045811	32.49%	2.445%
26	7.042	415	416	417	rVV	352645	267899	8.32%	0.626%
27	7.064	417	418	420	rVV	78370	66907	2.08%	0.156%
28	7.110	420	422	423	rVV	282696	278565	8.65%	0.651%
29	7.144	423	425	426	rVV	2859221	2655564	82.50%	6.208%
30	7.167	426	427	429	rVB	191904	131673	4.09%	0.308%
31	7.236	431	433	434	rVV	138779	130470	4.05%	0.305%
32	7.259	434	435	437	rVV	456500	397181	12.34%	0.928%
33	7.304	437	439	442	rVV2	388252	506867	15.75%	1.185%
34	7.373	442	445	447	rVB2	77725	118188	3.67%	0.276%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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	7.419	447	449	450	rBV	104247	109718	3.41%	0.256%
36	7.453	450	452	456	rVV2	124336	233349	7.25%	0.545%
37	7.544	456	460	462	rVV2	2003308	2200030	68.35%	5.143%
38	7.579	462	463	465	rVB	114709	98325	3.05%	0.230%
39	7.636	465	468	469	rBV2	46382	78162	2.43%	0.183%
40	7.670	469	471	475	rBV2	109241	114847	3.57%	0.268%
41	7.750	475	478	480	rBV2	95462	194574	6.04%	0.455%
42	7.784	480	481	483	rVB	204828	152203	4.73%	0.356%
43	7.887	487	490	491	rBV3	39164	73743	2.29%	0.172%
44	7.944	491	495	497	rVB3	121503	232994	7.24%	0.545%
45	8.002	497	500	502	rBV3	221339	366901	11.40%	0.858%
46	8.127	508	511	514	rVB2	63006	108699	3.38%	0.254%
47	8.264	521	523	530	rVB2	856778	1314074	40.82%	3.072%
48	8.356	530	531	535	rVB3	38542	51694	1.61%	0.121%
49	8.550	543	548	551	rBV4	31576	73103	2.27%	0.171%
50	8.653	555	557	558	rBV2	51761	57711	1.79%	0.135%
51	8.985	583	586	588	rVB	145502	143313	4.45%	0.335%
52	9.076	592	594	596	rBV	89797	97601	3.03%	0.228%
53	9.339	615	617	620	rVB	2192236	2863622	88.96%	6.694%
54	9.419	622	624	629	rBV	62427	94411	2.93%	0.221%
55	9.682	643	647	650	rBV3	61835	108123	3.36%	0.253%
56	9.739	650	652	654	rVV	337041	428306	13.31%	1.001%
57	9.796	656	657	663	rVB2	31545	56267	1.75%	0.132%
58	9.888	663	665	667	rBV	127304	131624	4.09%	0.308%
59	9.956	669	671	672	rVB	92074	108677	3.38%	0.254%
60	10.025	675	677	679	rVV	1047745	891387	27.69%	2.084%
61	10.185	688	691	692	rBV3	35037	50577	1.57%	0.118%
62	10.230	692	695	697	rVV4	55932	94664	2.94%	0.221%
63	10.265	697	698	701	rVB3	37070	55264	1.72%	0.129%
64	10.448	711	714	716	rBV	185602	197587	6.14%	0.462%
65	10.573	722	725	727	rBV	64524	71150	2.21%	0.166%
66	10.665	730	733	737	rVB2	52585	107388	3.34%	0.251%
67	10.813	743	746	748	rBV	1202804	1160339	36.05%	2.712%
68	10.928	754	756	758	rBV	152058	239290	7.43%	0.559%
69	11.008	758	763	768	rVV4	71028	210805	6.55%	0.493%
70	11.122	771	773	779	rVV2	62915	144425	4.49%	0.338%
71	11.271	782	786	788	rVV2	36041	75571	2.35%	0.177%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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

72	11.316	788	790	792	rVV	52007	63599	1.98%	0.149%
73	11.373	792	795	797	rVV3	143579	262281	8.15%	0.613%
74	11.408	797	798	802	rVV2	154678	173745	5.40%	0.406%
75	11.511	805	807	808	rBV	854229	765044	23.77%	1.788%
76	11.591	811	814	815	rVV	129830	174507	5.42%	0.408%
77	11.739	824	827	828	rBV2	84865	111232	3.46%	0.260%
78	11.796	830	832	834	rVV2	36643	55247	1.72%	0.129%
79	11.842	834	836	840	rVV4	36929	61179	1.90%	0.143%
80	12.048	849	854	856	rBV2	242252	496980	15.44%	1.162%
81	12.128	859	861	864	rVV2	144833	230356	7.16%	0.538%
82	12.402	883	885	887	rBV2	115502	111637	3.47%	0.261%
83	12.436	887	888	891	rBV2	312105	345096	10.72%	0.807%
84	12.562	897	899	900	rBV	69438	69291	2.15%	0.162%
85	12.596	900	902	905	rVV3	46476	67143	2.09%	0.157%
86	12.642	905	906	911	rBV	68408	66258	2.06%	0.155%
87	12.722	911	913	915	rBV	1053651	963616	29.94%	2.253%
88	12.791	915	919	920	rBV4	36896	91240	2.83%	0.213%
89	12.951	930	933	936	rBV	856933	1032923	32.09%	2.415%
90	13.099	943	946	948	rBV	1453138	1855348	57.64%	4.337%
91	13.168	950	952	956	rBV3	75369	178271	5.54%	0.417%
92	13.385	969	971	972	rBV	98945	106104	3.30%	0.248%
93	13.568	985	987	988	rBV2	92085	105758	3.29%	0.247%
94	13.785	1004	1006	1008	rVB	123850	111748	3.47%	0.261%
95	13.991	1022	1024	1029	rVB2	193294	307154	9.54%	0.718%
96	14.151	1035	1038	1039	rBV2	923364	1228622	38.17%	2.872%
97	14.768	1090	1092	1095	rBV	207387	416639	12.94%	0.974%
98	15.202	1127	1130	1134	rVB	417883	901867	28.02%	2.108%
99	15.568	1160	1162	1165	rVB	343516	472293	14.67%	1.104%
100	15.637	1165	1168	1169	rBV	428433	601048	18.67%	1.405%

Sum of corrected areas: 42779025

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
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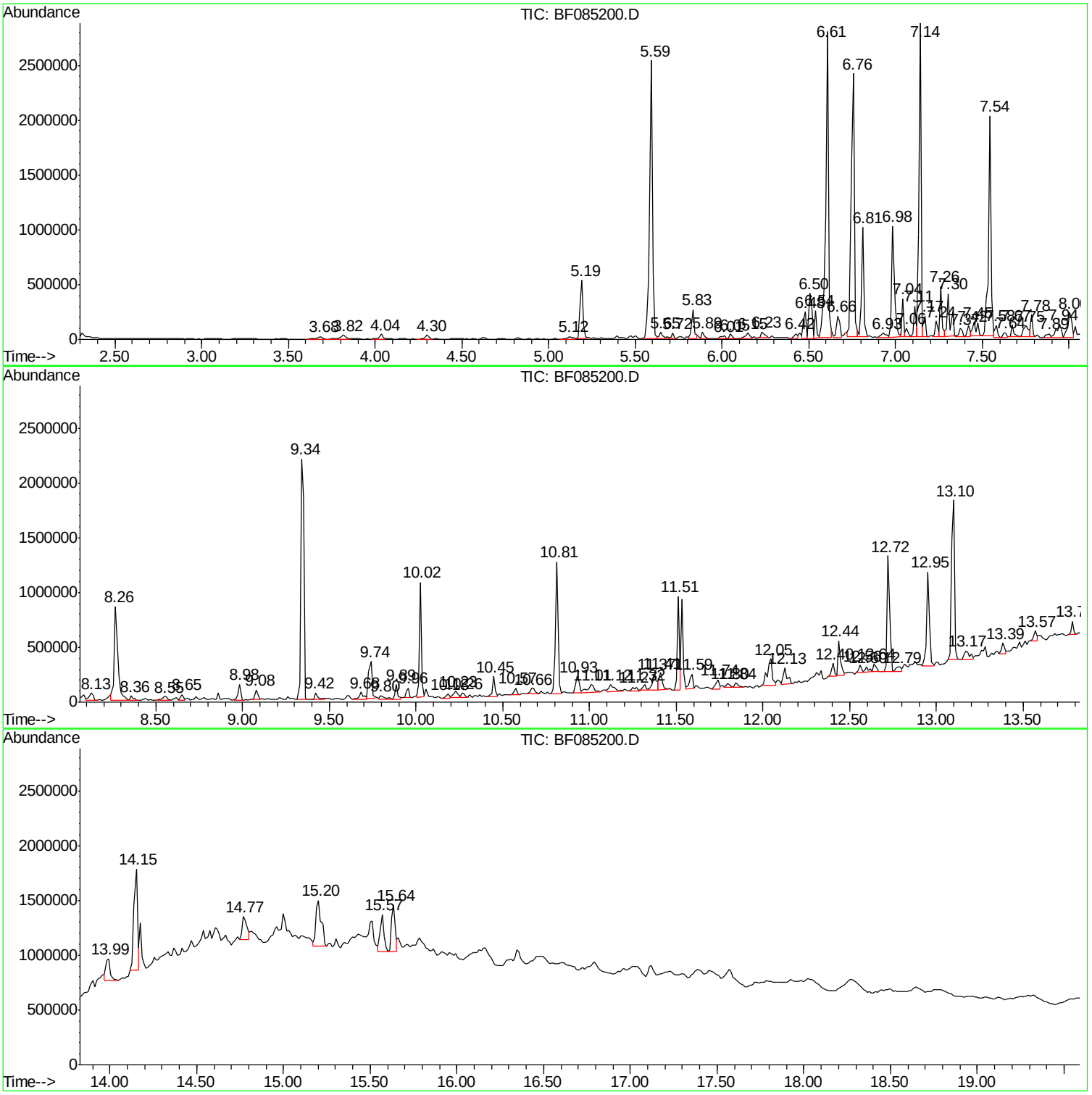
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-C3(1)3W-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\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-20160301

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

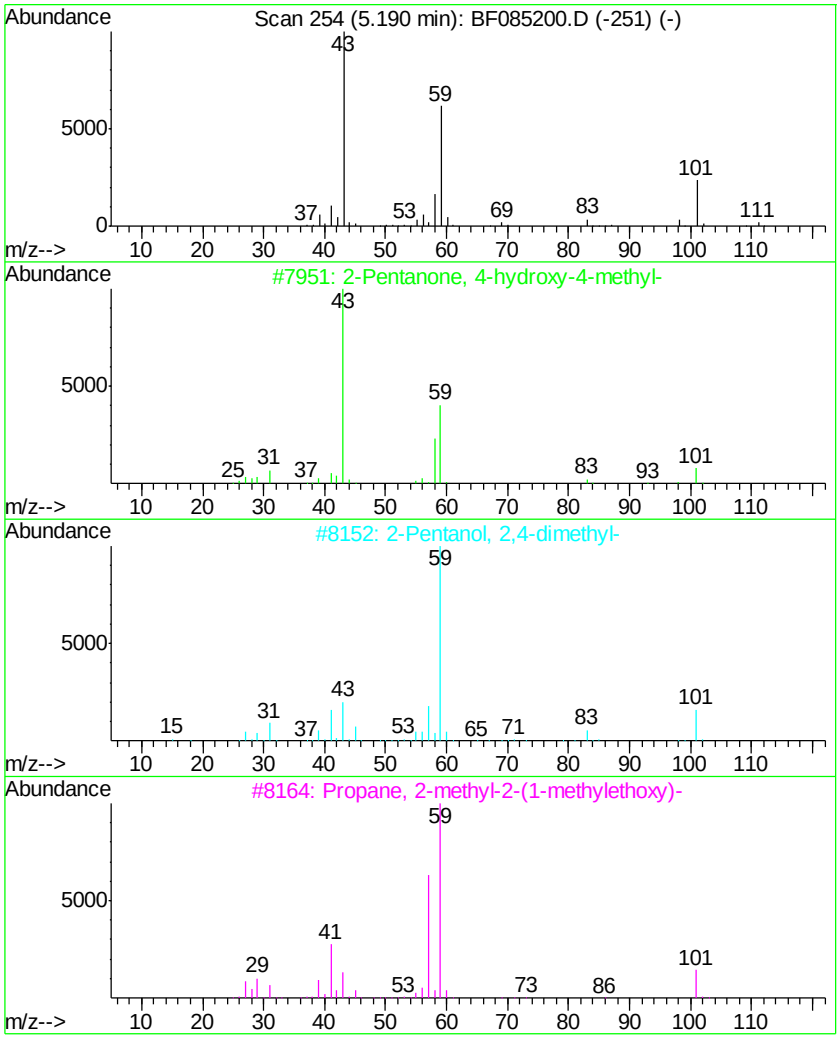
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

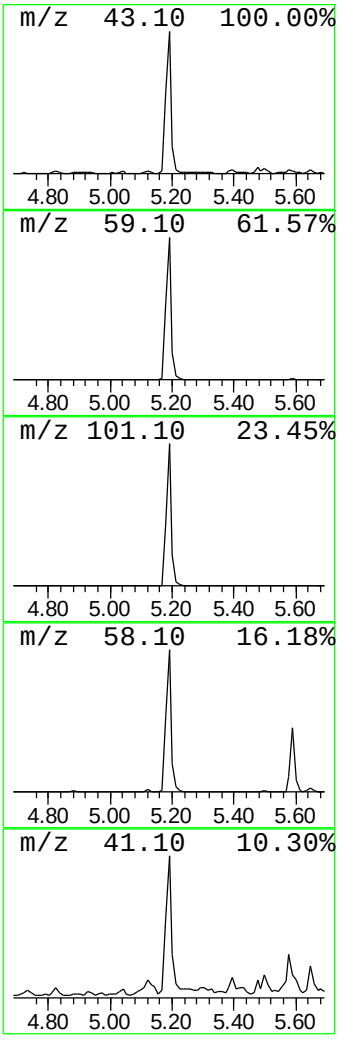
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.83 ng	670795	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	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-20160301

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

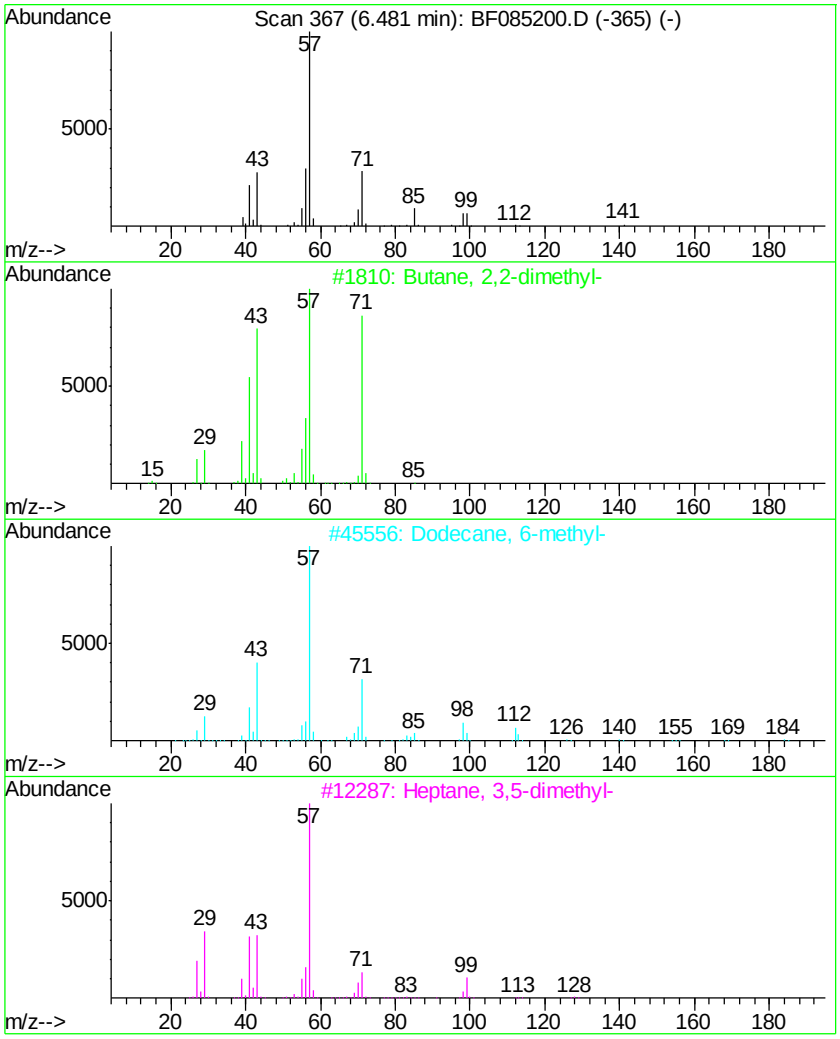
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

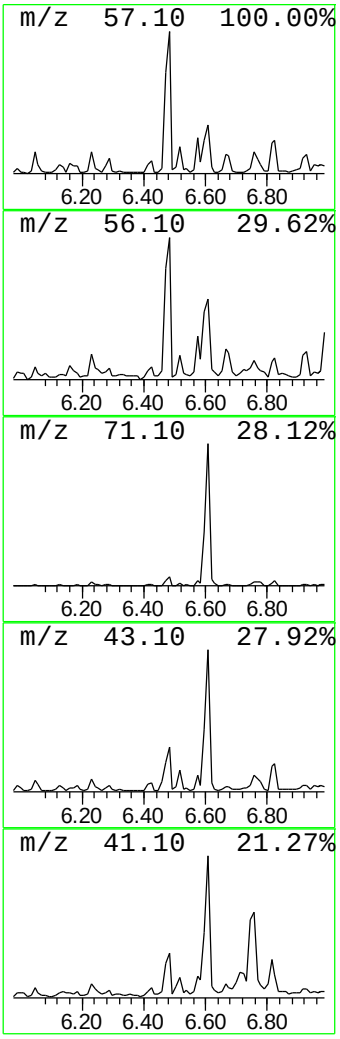
****

Peak Number 3 Butane, 2,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	5.50 ng	287779	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	47
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
4	2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	47
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-20160301

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

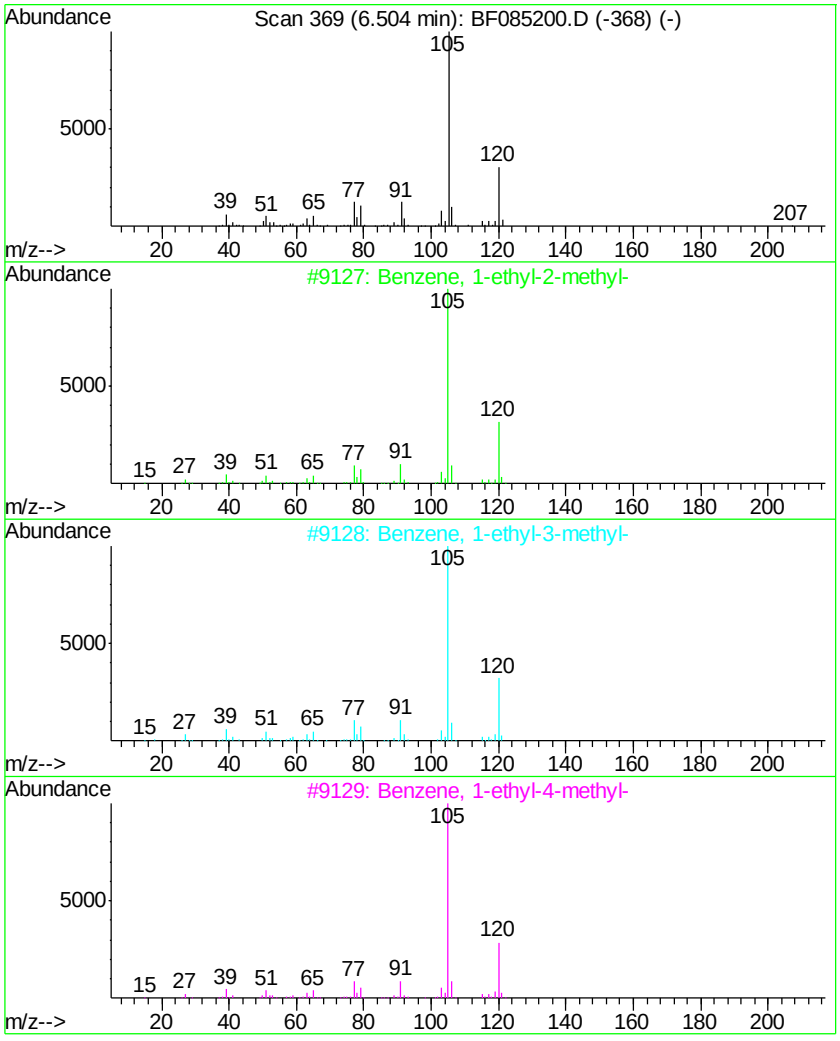
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

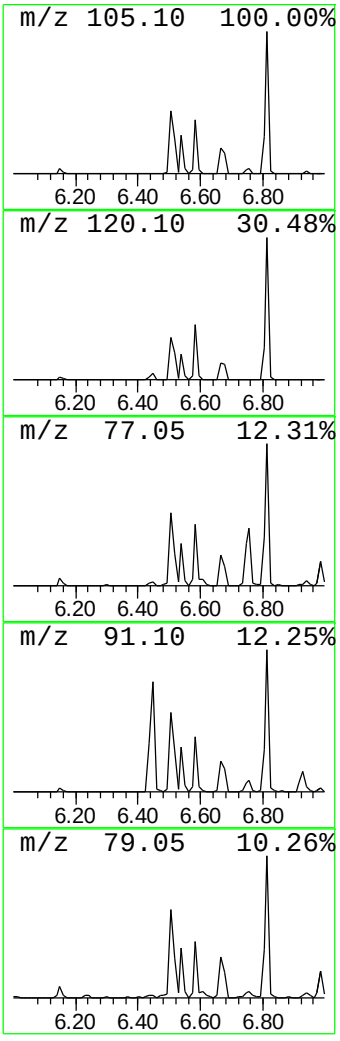
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	9.50 ng	496722	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-20160301

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

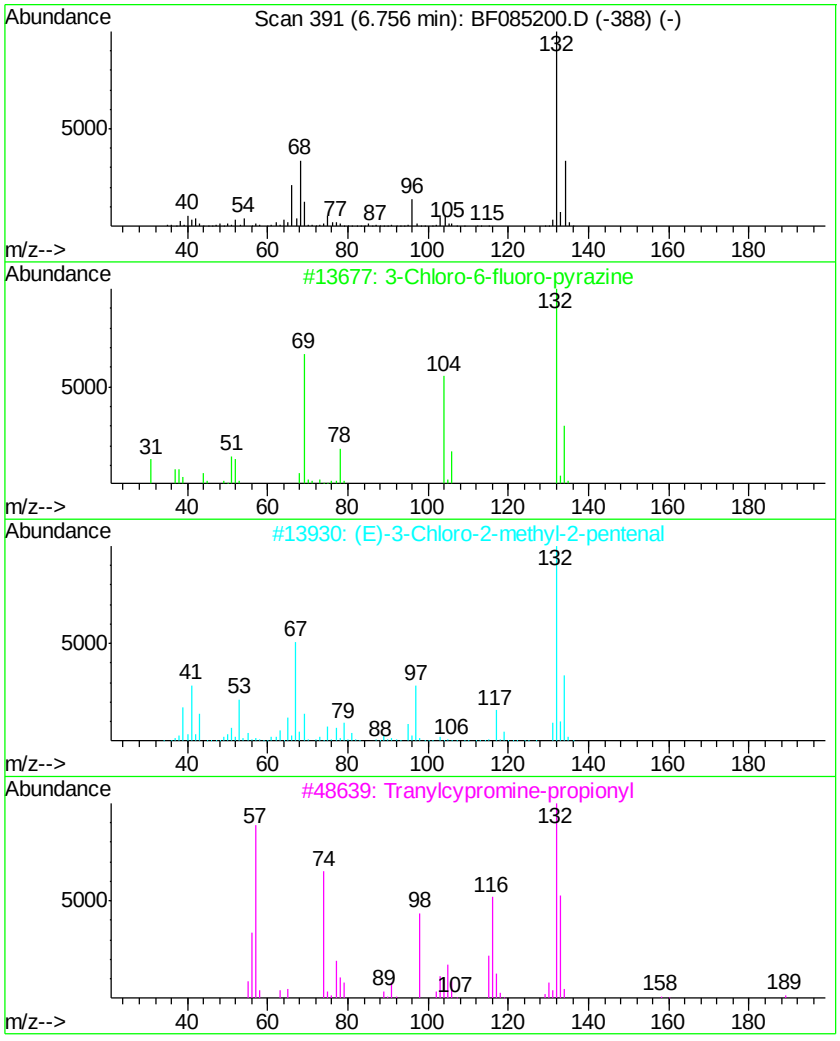
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

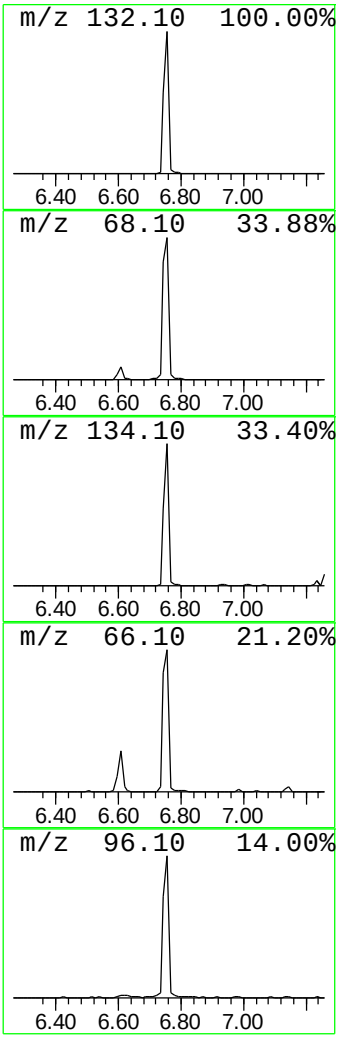
****

Peak Number 5 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	56.61 ng	2960200	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-20160301

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

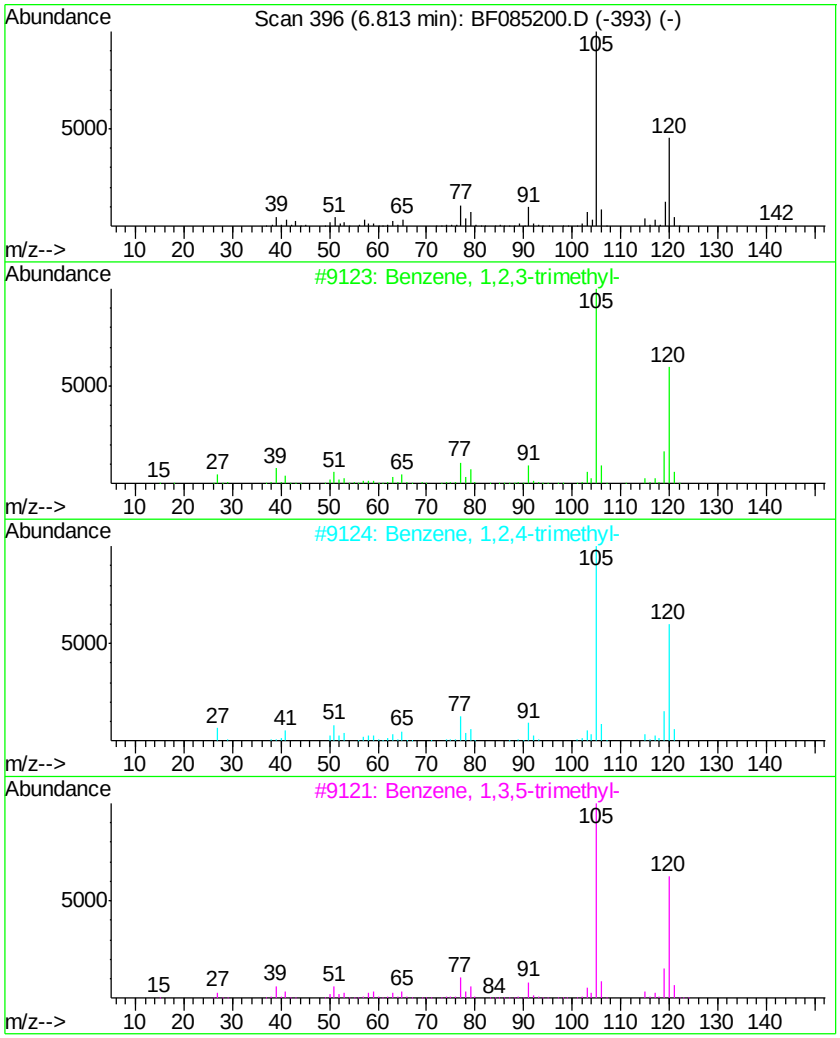
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

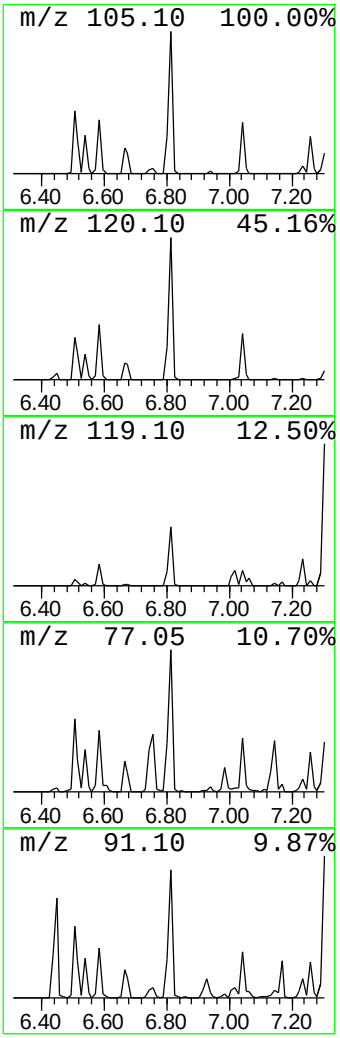
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	18.24 ng	953694	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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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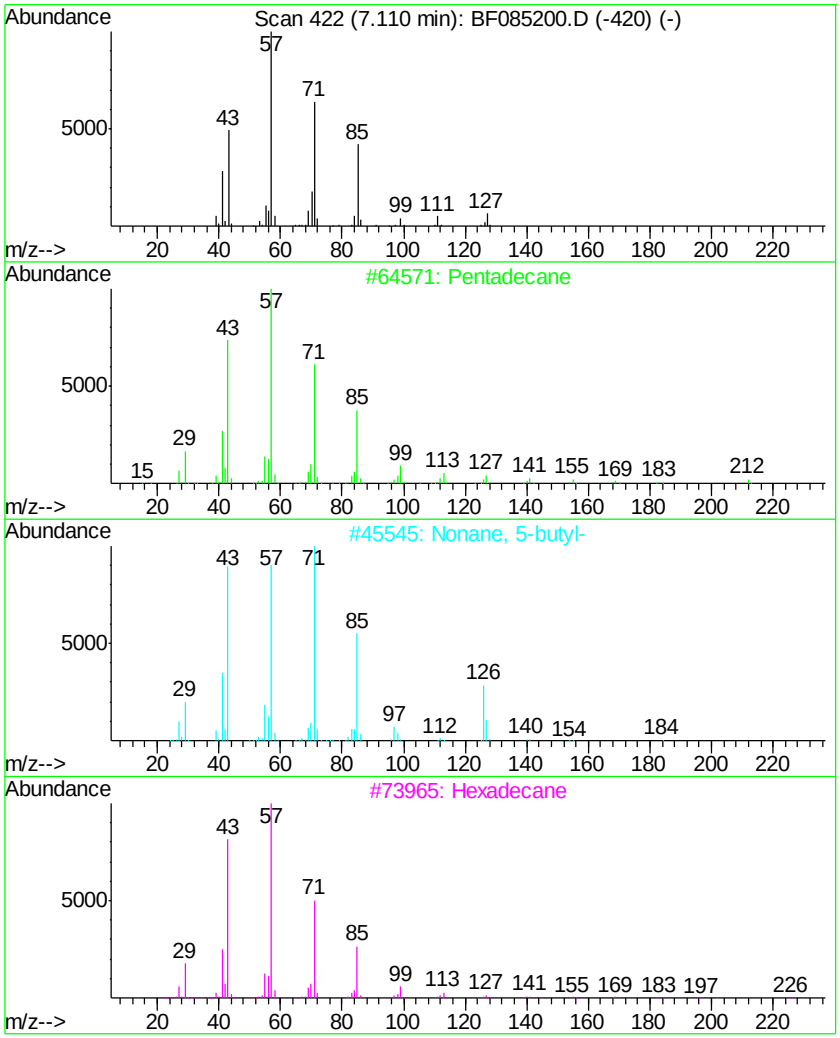
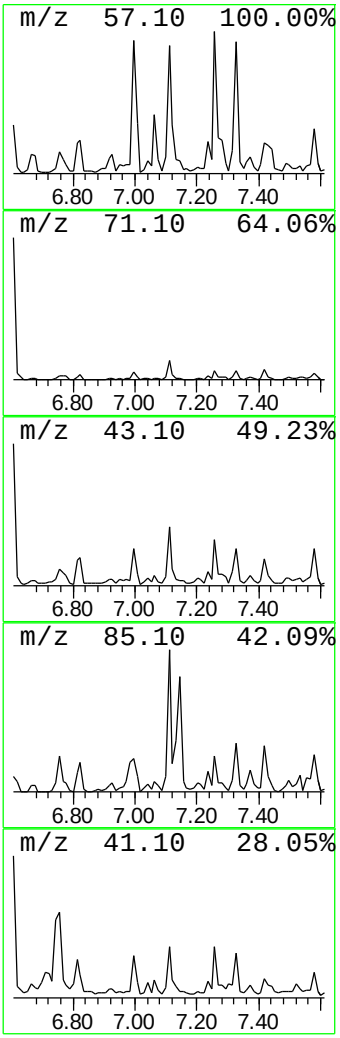
Peak Number 8 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	5.33 ng	278565	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	64
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	56
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





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Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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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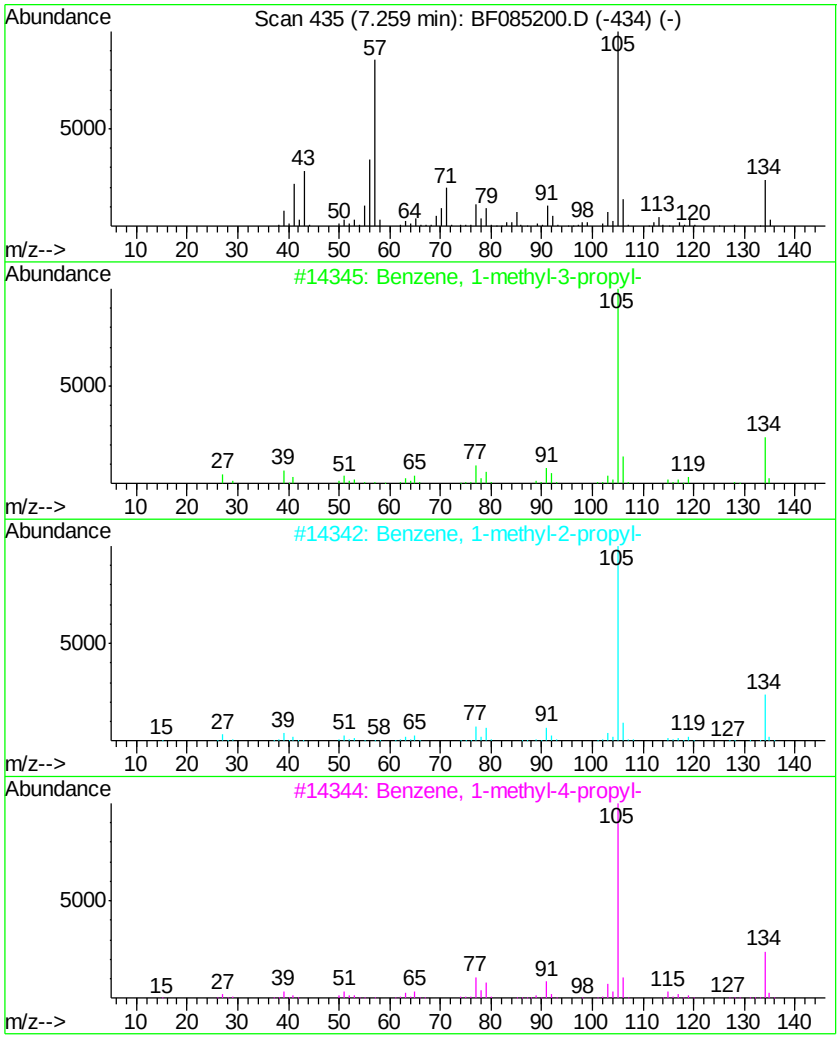
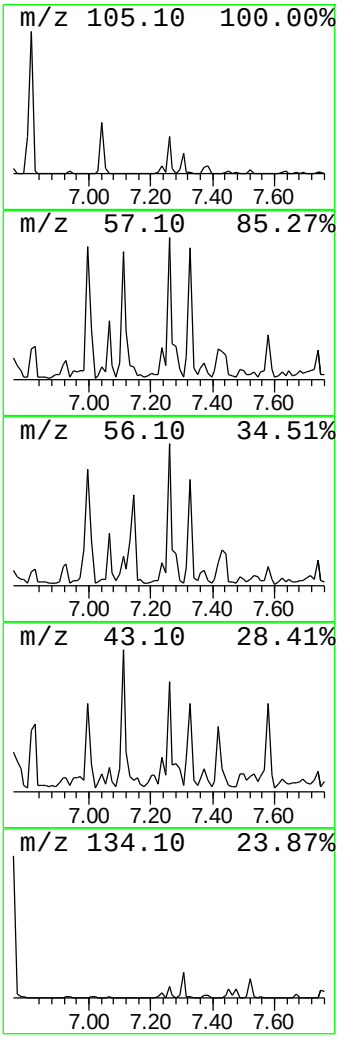
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	7.60 ng	397181	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	89
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	41
5	2-Tolyloxirane	134	C9H10O	002783-26-8	35





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Sample : H1649-02
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Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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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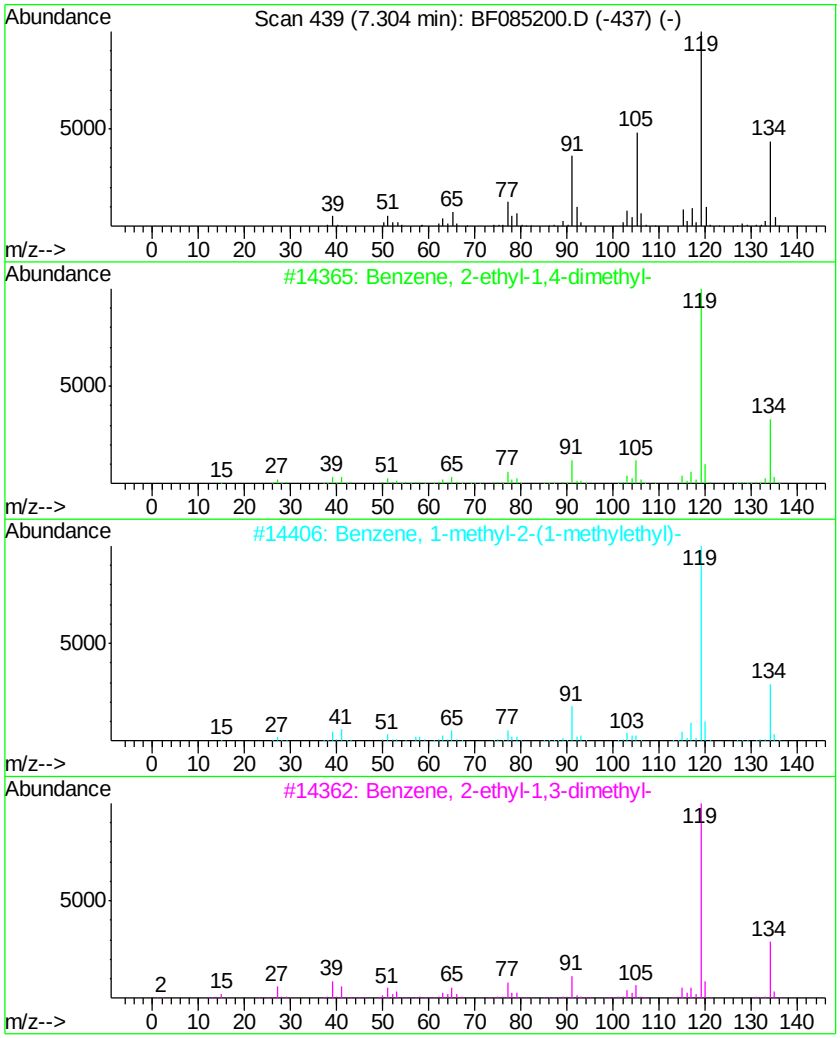
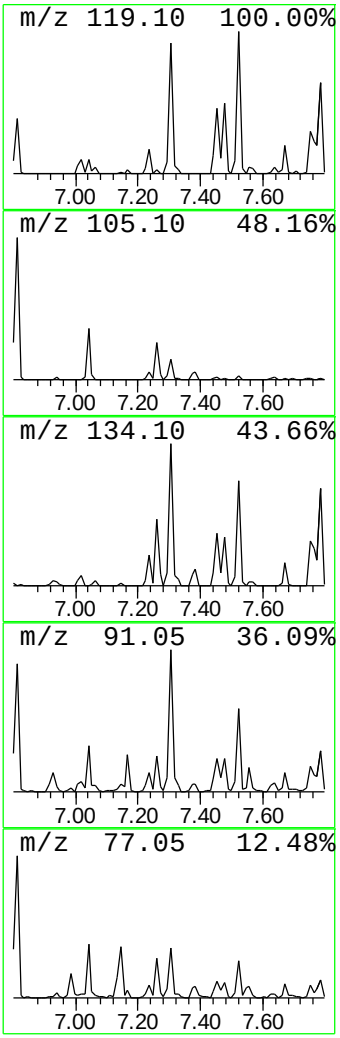
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	9.69 ng	506867	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Sample : H1649-02
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Instrument :
BNA_F
ClientSampleId :
BT-C3(1)3W-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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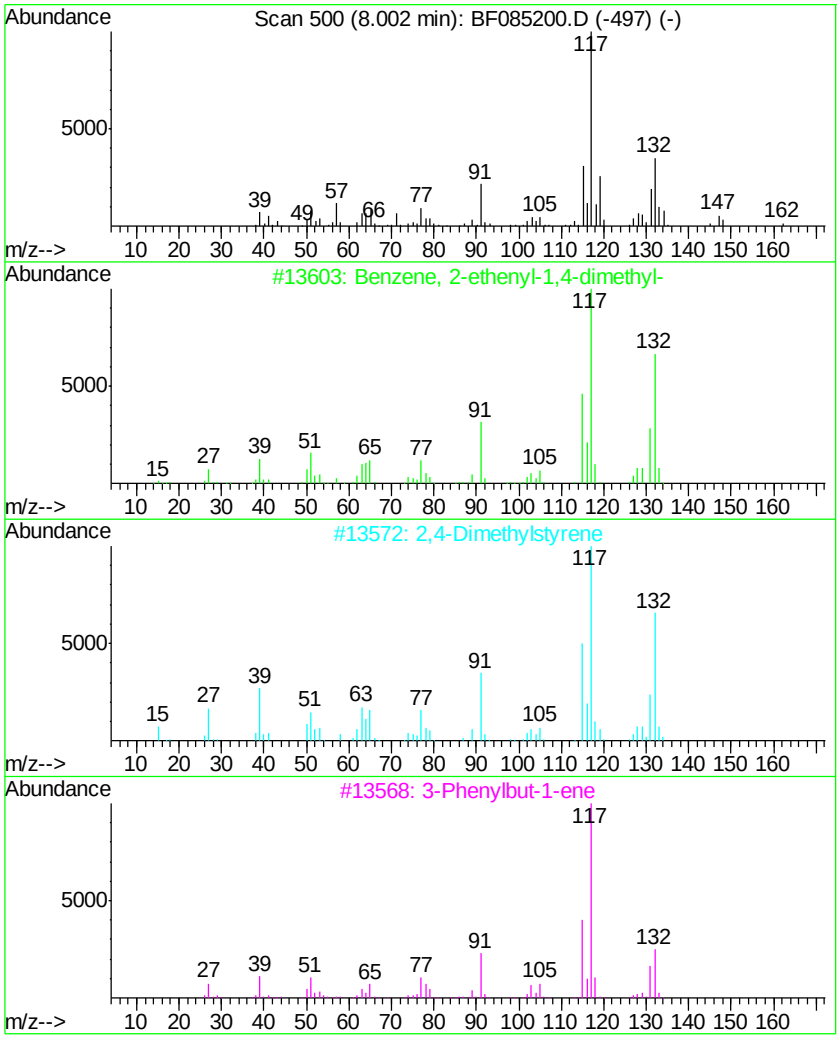
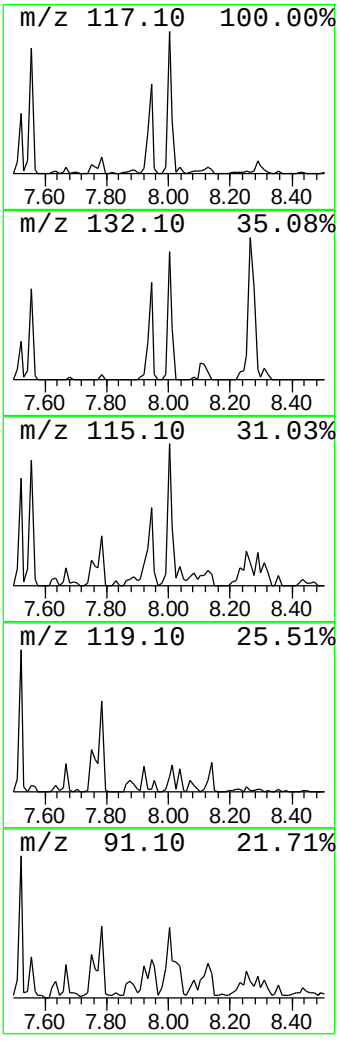
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	5.58 ng	366901	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	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76





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Operator : SJ/IZ
Sample : H1649-02
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ClientSampleId : BT-C3(1)3W-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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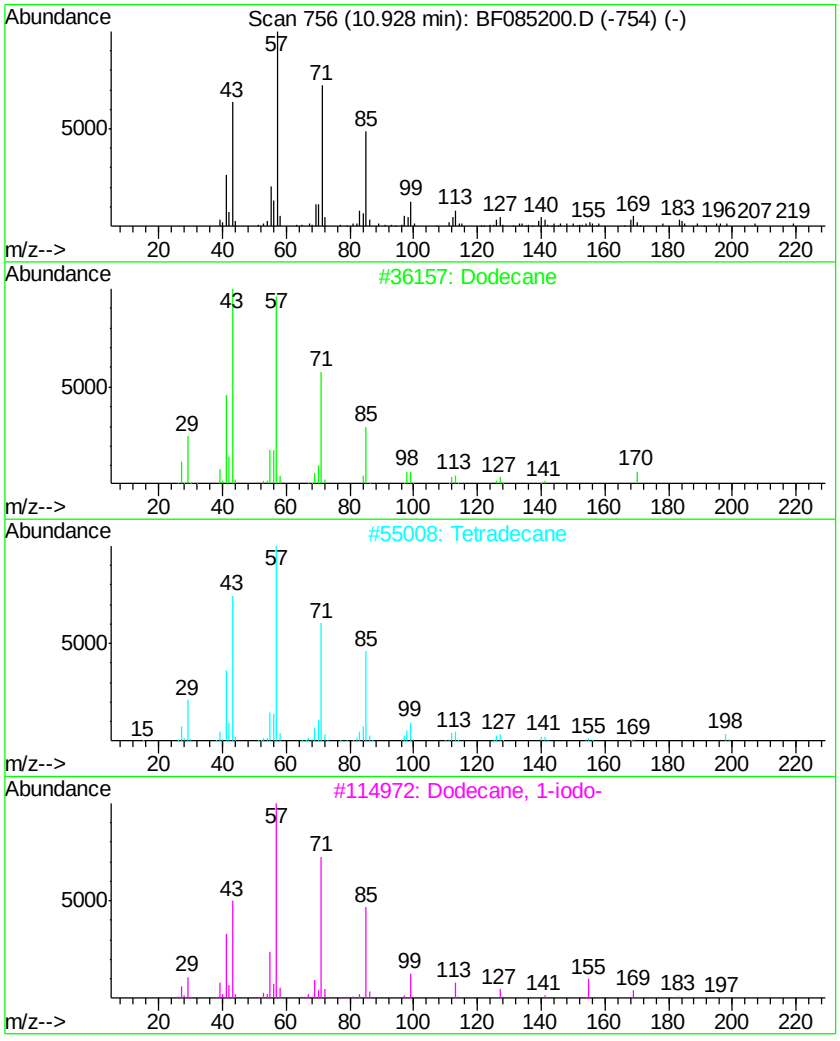
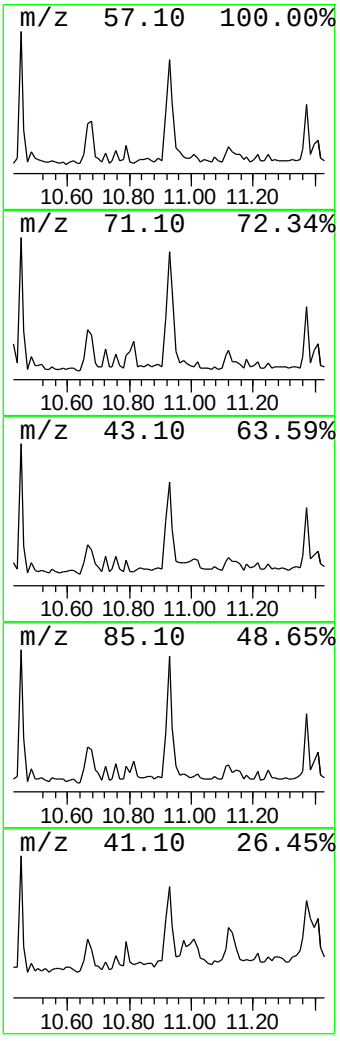
Peak Number 13 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	6.26 ng	239290	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane	240	C17H36	000629-78-7	83





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

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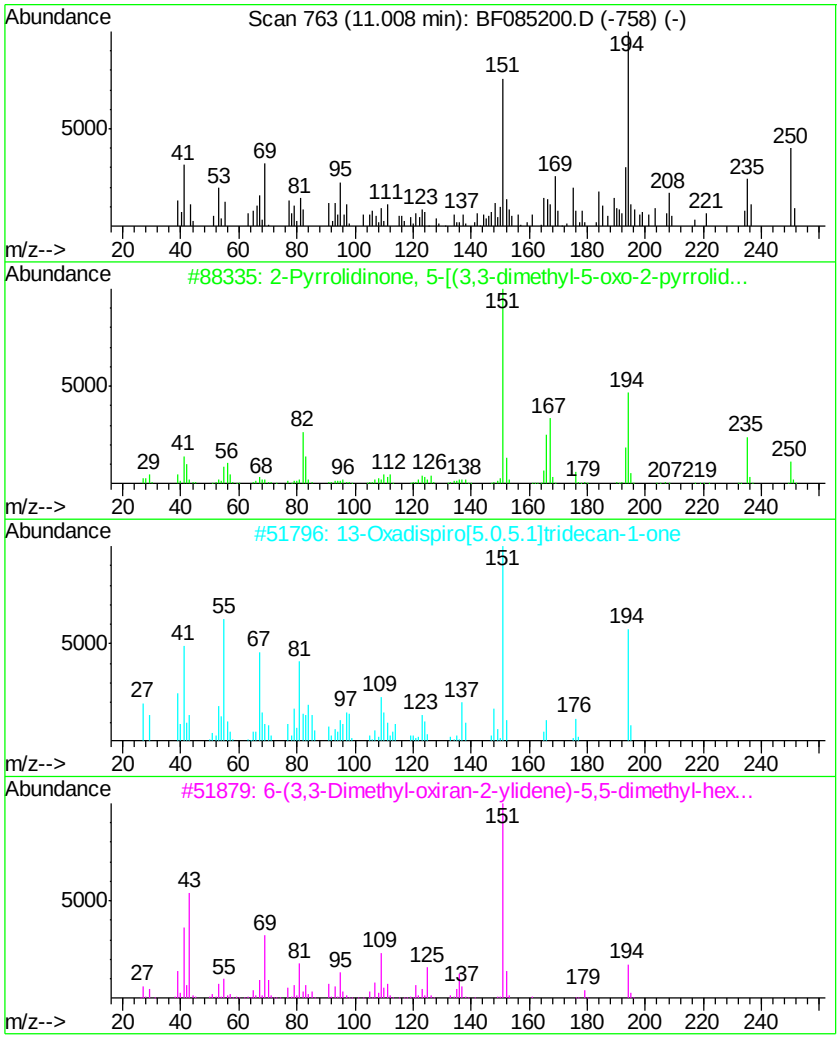
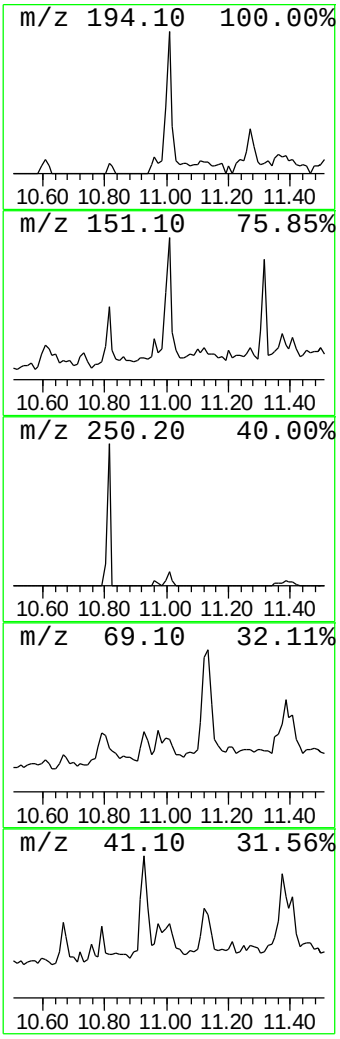
Peak Number 14 2-Pyrrolidinone, 5-[(3,3-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	5.51 ng	210805	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 5-[(3,3-dimethy...	250	C14H22N2O2	035167-48-7	53
2	13-Oxadispiro[5.0.5.1]tridecan-1...	194	C12H18O2	026870-38-2	50
3	6-(3,3-Dimethyl-oxiran-2-ylidene...	194	C12H18O2	1000187-66-2	43
4	4-Amino-6-methoxy-2-methylbenzot...	194	C9H10N2OS	059334-06-4	43
5	5-Phosphatricyclo[6.1.1.0(2,6)]d...	194	C12H19P	1000151-12-3	41





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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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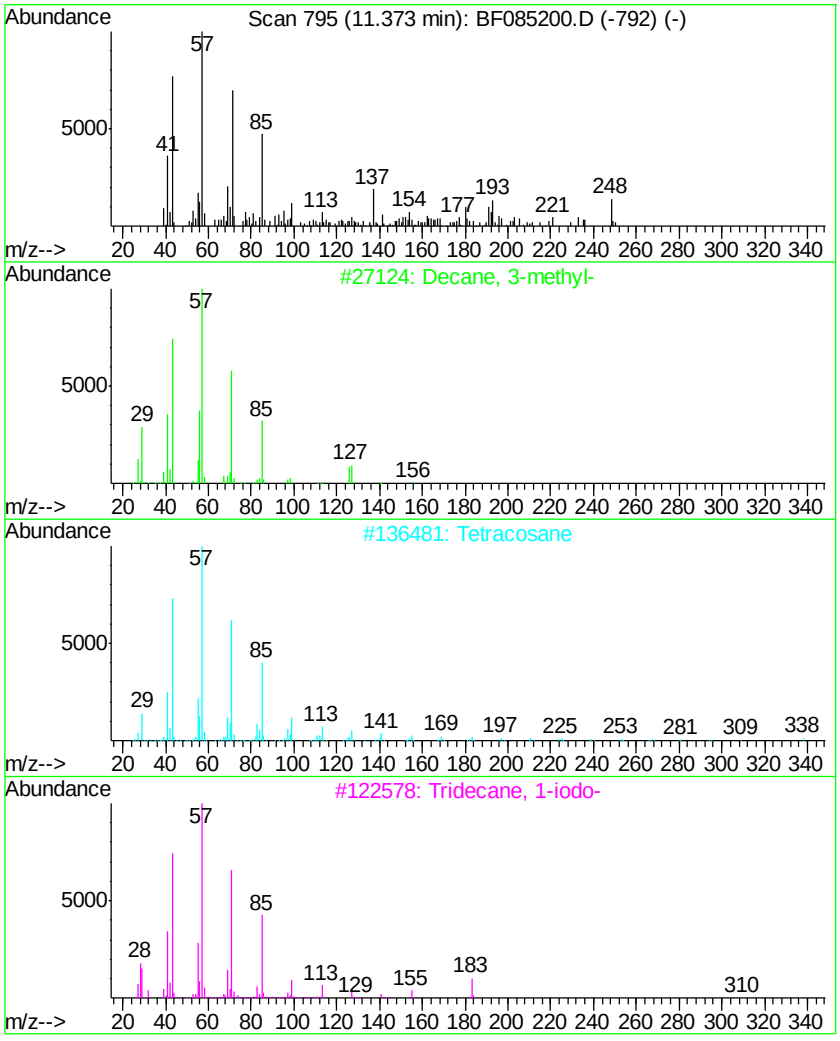
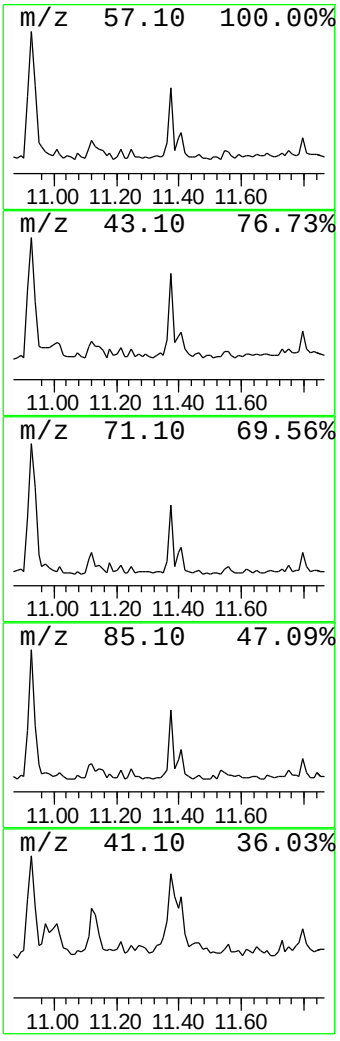
Peak Number 15 Decane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	6.86 ng	262281	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	50
2	Tetracosane	338	C24H50	000646-31-1	45
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	45
4	Octacosane	394	C28H58	000630-02-4	45
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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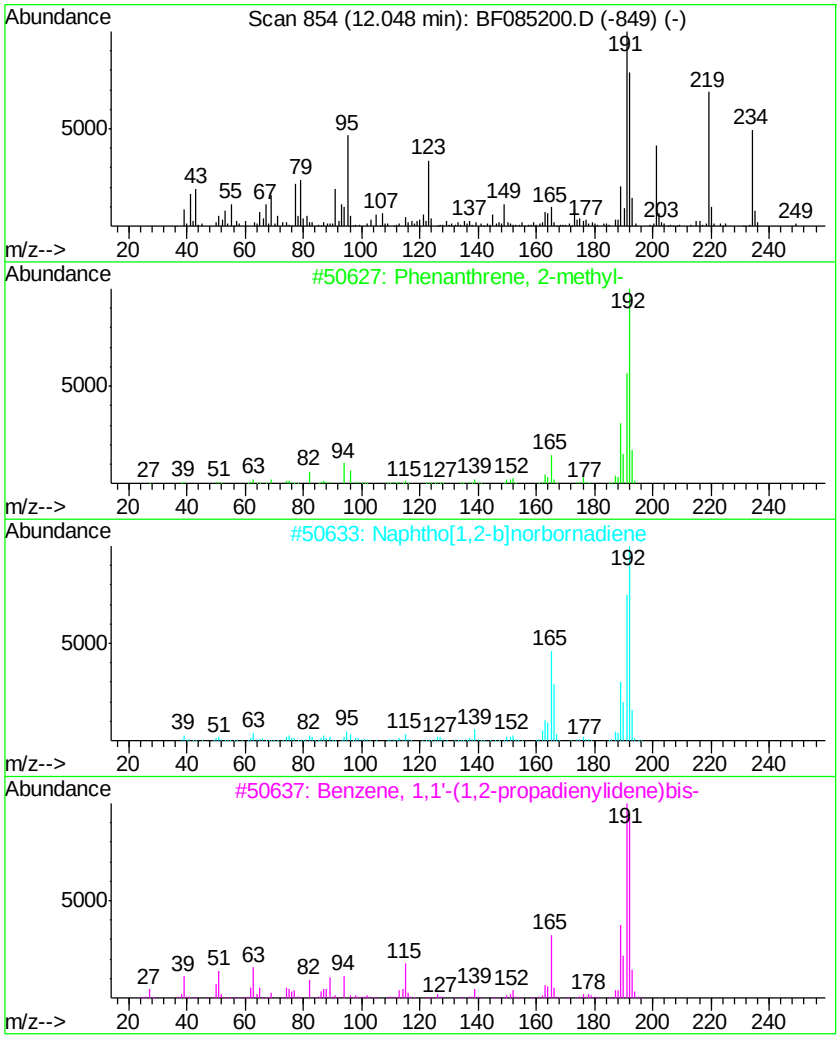
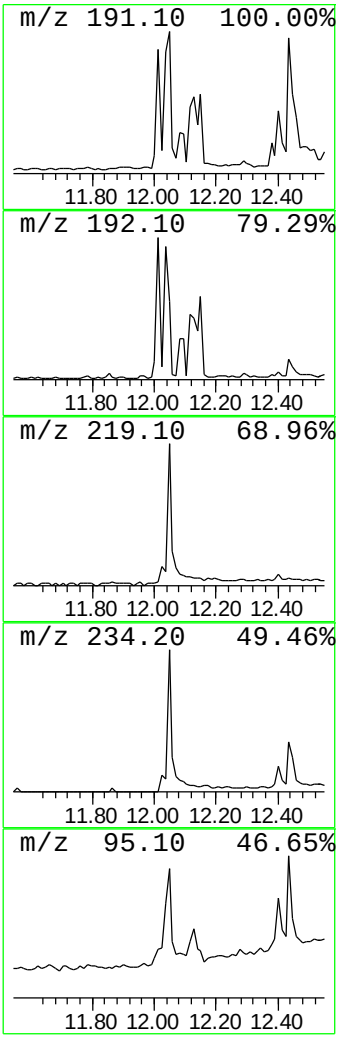
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	12.99 ng	496980	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35





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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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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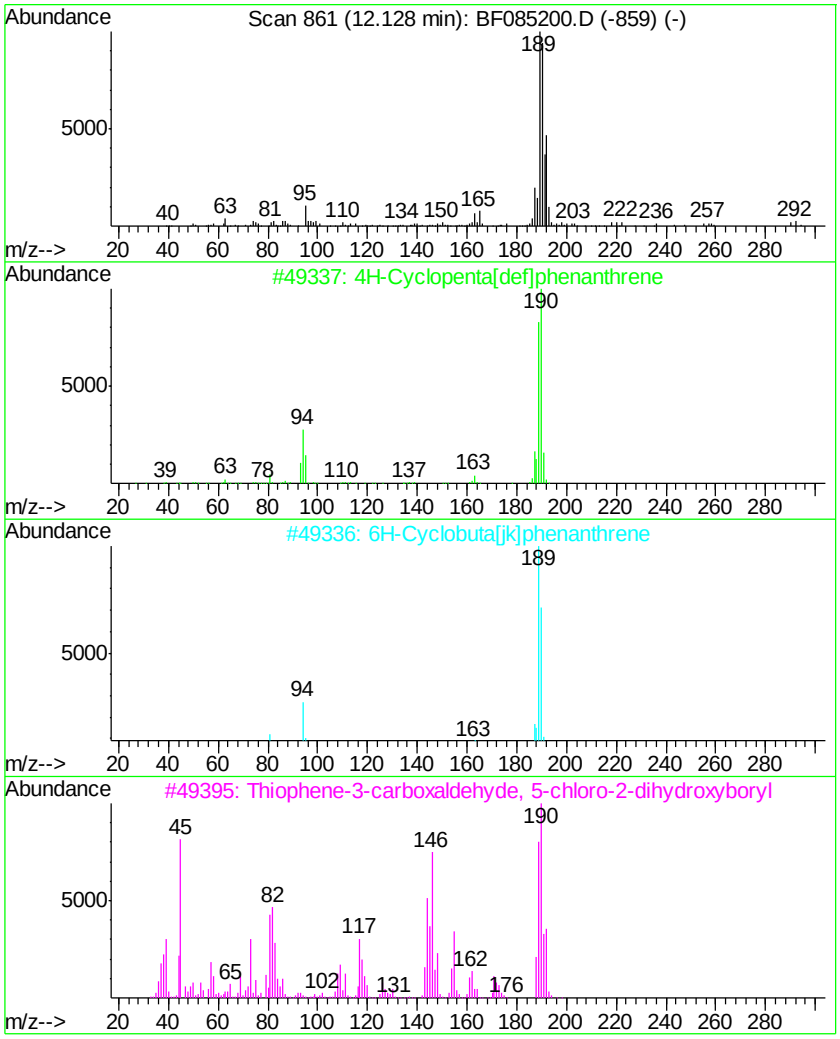
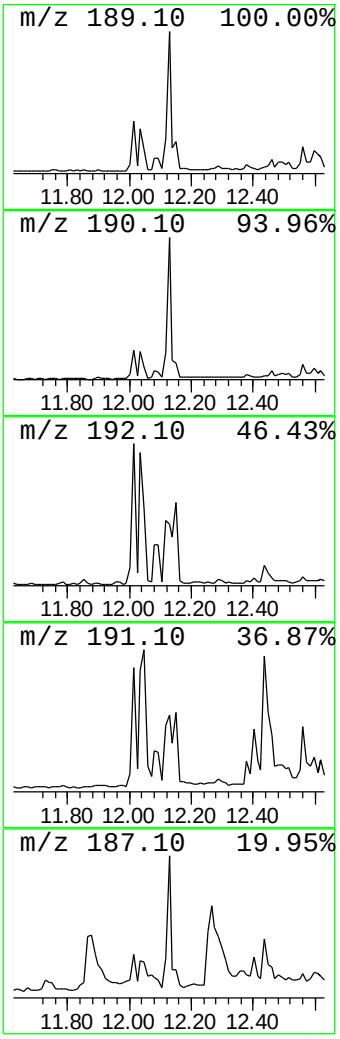
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	6.02 ng	230356	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
4	3H-Indazole-3-carbonitrile, 3-(4...	253	C14H8ClN3	056630-97-8	17
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	17





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Sample : H1649-02
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Instrument : BNA_F
ClientSampleId : BT-C3(1)3W-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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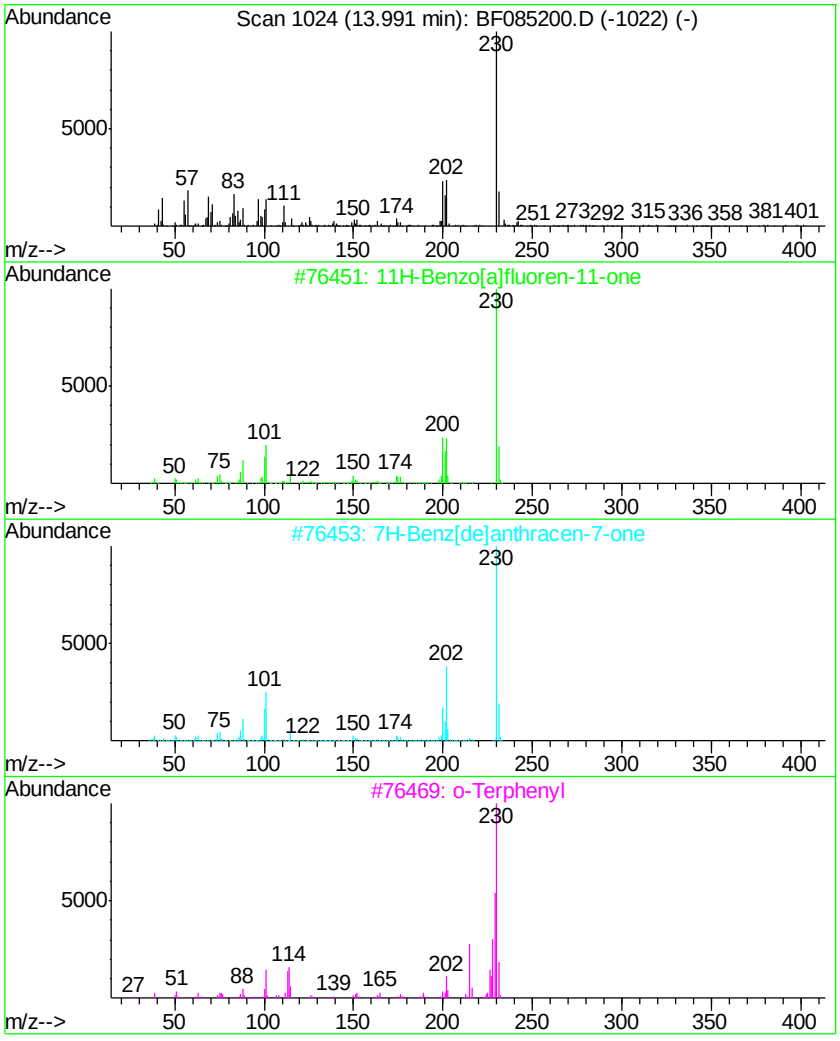
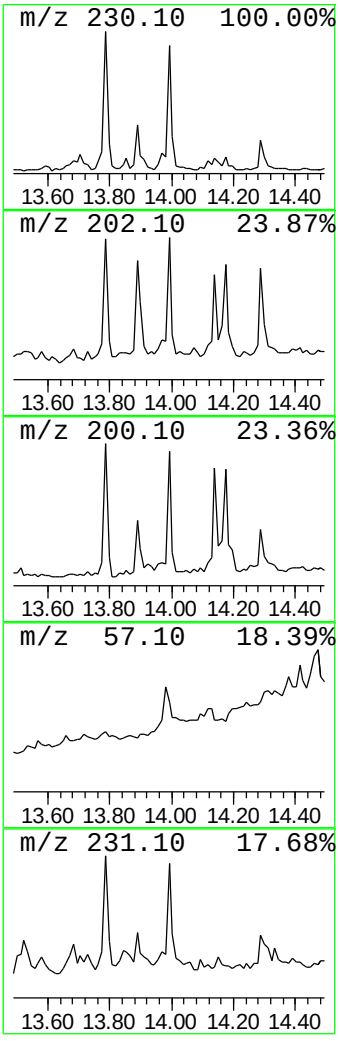
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	5.00 ng	307154	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3	o-Terphenyl	230	C18H14	000084-15-1	50
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	50
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47





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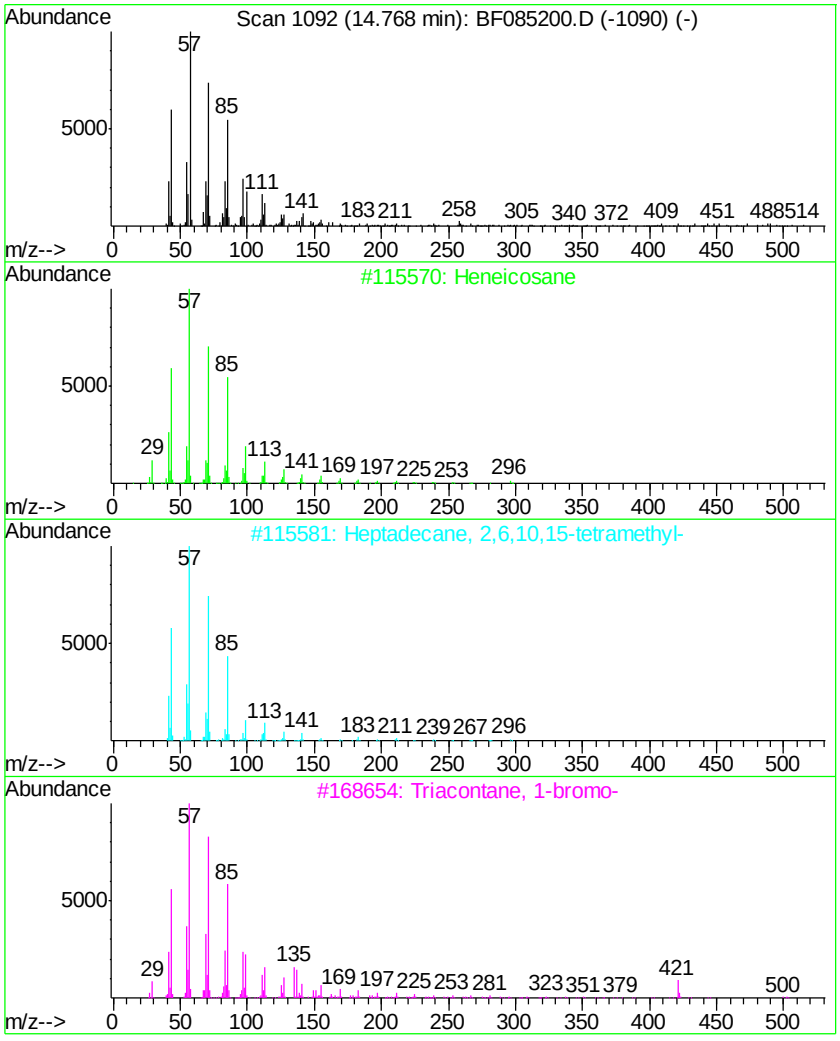
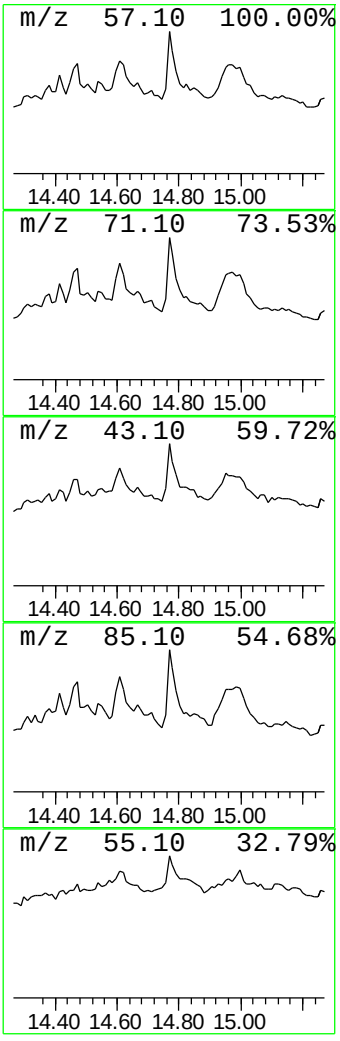
Peak Number 20 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	6.78 ng	416639	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	90
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
5	Tetracosane	338	C24H50	000646-31-1	81





Tentatively Identified Compound (LSC) summary

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Data File : BF085200.D
Acq On : 4 Mar 2016 12:11
Operator : SJ/IZ
Sample : H1649-02
Misc :
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Instrument : BNA_F
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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
2-Pentanone, 4-hy...	5.19	12.8	ng	670795	1	6.98	1045810	20.0
Butane, 2,2-dimet...	6.48	5.5	ng	287779	1	6.98	1045810	20.0
Benzene, 1-ethyl-...	6.50	9.5	ng	496722	1	6.98	1045810	20.0
unknown6.76	6.76	56.6	ng	2960200	1	6.98	1045810	20.0
Benzene, 1,2,3-tr...	6.81	18.2	ng	953694	1	6.98	1045810	20.0
Pentadecane	7.11	5.3	ng	278565	1	6.98	1045810	20.0
Benzene, 1-methyl...	7.26	7.6	ng	397181	1	6.98	1045810	20.0
Benzene, 2-ethyl-...	7.30	9.7	ng	506867	1	6.98	1045810	20.0
Benzene, 2-etheny...	8.00	5.6	ng	366901	2	8.26	1314070	20.0
Dodecane	10.93	6.3	ng	239290	4	11.51	765044	20.0
2-Pyrrolidinone, ...	11.01	5.5	ng	210805	4	11.51	765044	20.0
Decane, 3-methyl-	11.37	6.9	ng	262281	4	11.51	765044	20.0
Phenanthrene, 2-m...	12.05	13.0	ng	496980	4	11.51	765044	20.0
4H-Cyclopenta[def...	12.13	6.0	ng	230356	4	11.51	765044	20.0
11H-Benzo[a]fluor...	13.99	5.0	ng	307154	5	14.15	1228620	20.0
Heneicosane	14.77	6.8	ng	416639	5	14.15	1228620	20.0