LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

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-BF121815.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	5.024	254	257	262	rBV	358435	461368	4.89%	0.303%
2	5.424	289	292	293	rBV2	73204	138188	1.47%	0.091%
3	5.459	293	295	298	rVB	986264	1062477	11.27%	0.698%
4	5.756	319	321	323	rVB	160466	197842	2.10%	0.130%
5	5.996	340	342	345	rVB2	117496	148272	1.57%	0.097%
6	6.099	349	351	354	rBV2	258311	354364	3.76%	0.233%
7	6.190	357	359	365	rVB4	39203	126416	1.34%	0.083%
8	6.293	365	368	371	rBV2	121011	279305	2.96%	0.184%
9	6.373	371	375	380	rVB2	284206	749544	7.95%	0.493%
10	6.453	380	382	384	rBV2	241908	316334	3.35%	0.208%
11	6.499	384	386	387	rBV	1279682	1263310	13.39%	0.830%
12	6.533	387	389	392	rVB3	152750	274854	2.91%	0.181%
13	6.624	392	397	400	rBV	1493008	1788257	18.96%	1.175%
14	6.693	400	403	406	rVB2	778820	1517842	16.09%	0.998%
15	6.807	410	413	414	rBV2	170189	277518	2.94%	0.182%
16	6.853	414	417	418	rBV	421643	379817	4.03%	0.250%
17	6.876	418	419	421	rVB2	596241	563486	5.97%	0.370%
18	6.910	421	422	425	rBV3	335972	495493	5.25%	0.326%
19	6.979	425	428	429	rBV3	137705	153824	1.63%	0.101%
20	7.013	429	431	432	rBV	1166962	1408477	14.93%	0.926%
21	7.036	432	433	435	rVB	228995	232180	2.46%	0.153%
22	7.104	435	439	440	rBV3	258398	476876	5.06%	0.313%
23	7.139	440	442	444	rVB	527118	579012	6.14%	0.381%
24	7.173	444	445	447	rBV2	660672	728876	7.73%	0.479%
25	7.207	447	448	450	rVB	430015	337568	3.58%	0.222%
26	7.253	450	452	454	rBV	942934	928406	9.84%	0.610%
27	7.344	457	460	462	rBV3	232310	610741	6.48%	0.401%
28	7.402	462	465	469	rBV3	850065	2385487	25.29%	1.568%
29	7.470	469	471	472	rVB	2155131	2060969	21.85%	1.354%
30	7.516	472	475	476	rVB2	592018	870747	9.23%	0.572%
31	7.584	476	481	482	rBV3	405193	863651	9.16%	0.568%
32	7.664	482	488	490	rBV5	896745	2043520	21.67%	1.343%
33	7.767	493	497	498	rBV3	702095	1435787	15.22%	0.944%
34	7.836	501	503	504	rVB	447373	442664	4.69%	0.291%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.882	504	507	508	rBV2	829817	1472818	15.62%	0.968%
36	7.905	508	509	511	rVB2	883400	1039770	11.02%	0.683%
37	7.950	511	513	514	rBV	599988	729597	7.74%	0.479%
38	8.019	517	519	520	rBV	490976	568232	6.02%	0.373%
39	8.053	520	522	523	rVB	228211	190858	2.02%	0.125%
40	8.145	523	530	533	rBV3	3494013	7963739	84.44%	5.234%
41	8.225	535	537	543	rVB2	1014655	2291755	24.30%	1.506%
42	8.339	543	547	550	rBV4	631145	1947153	20.65%	1.280%
43	8.442	553	556	560	rBV5	965152	2483896	26.34%	1.632%
44	8.533	562	564	566	rVB	735946	844992	8.96%	0.555%
45	8.590	566	569	573	rVB2	1460824	2757478	29.24%	1.812%
46	8.659	573	575	577	rBV2	677988	1037603	11.00%	0.682%
47	8.762	580	584	587	rBV2	2918008	5626339	59.66%	3.698%
48	8.865	590	593	595	rVB2	1618297	2975537	31.55%	1.956%
49	8.910	595	597	598	rBV2	171963	220222	2.33%	0.145%
50	8.967	599	602	607	rBV3	1439881	3685914	39.08%	2.422%
51	9.185	618	621	623	rBV3	1342489	2637866	27.97%	1.734%
52	9.230	623	625	630	rVB2	893679	1510920	16.02%	0.993%
53	9.333	630	634	636	rBV	3063929	6799814	72.10%	4.469%
54	9.379	636	638	641	rBV2	367006	964427	10.23%	0.634%
55	9.505	646	649	651	rBV	1328545	2362259	25.05%	1.553%
56	9.573	651	655	659	rBV3	1681255	5994099	63.56%	3.939%
57	9.653	659	662	664	rVV2	2005091	4702144	49.86%	3.090%
58	9.699	664	666	668	rVB2	1085469	1449630	15.37%	0.953%
59	9.779	671	673	676	rBV2	447417	1128851	11.97%	0.742%
60	9.870	676	681	682	rBV	2761534	4672168	49.54%	3.071%
61	9.905	682	684	686	rBV3	917434	1598712	16.95%	1.051%
62	10.030	692	695	697	rVB	795673	1208661	12.82%	0.794%
63	10.122	701	703	704	rVV	1429258	1807587	19.17%	1.188%
64	10.179	705	708	710	rVB3	1234123	2168680	22.99%	1.425%
65	10.373	719	725	727	rBV2	2560535	5846718	61.99%	3.843%
66	10.453	731	732	733	rBV	580624	723382	7.67%	0.475%
67	10.579	740	743	745	rVB	1994233	2796430	29.65%	1.838%
68	10.659	749	750	751	rBV	645482	565297	5.99%	0.372%
69	10.865	762	768	770	rBV2	3473984	9431353	100.00%	6.198%
70	11.013	779	781	782	rBV2	655604	970435	10.29%	0.638%
71	11.048	782	784	786	rVB2	973248	1207249	12.80%	0.793%

LSC Area Percent Report

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Acq On : 19 Dec 2015 22:30
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Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.288	801	805	806	rBV	2680845	4532736	48.06%	2.979%
73	11.311	806	807	810	rVB	2203186	2491769	26.42%	1.638%
74	11.425	815	817	818	rBV2	630302	724990	7.69%	0.476%
75	11.653	835	837	838	rBV2	712604	714039	7.57%	0.469%
76	11.711	838	842	843	rBV	2620784	3705355	39.29%	2.435%
77	11.905	857	859	860	rVB	665509	669697	7.10%	0.440%
78	12.122	875	878	879	rBV	2017295	2655448	28.16%	1.745%
79	12.488	907	910	912	rVB2	2140755	2646893	28.06%	1.740%
80	12.854	939	942	944	rVB2	1567983	2008218	21.29%	1.320%
81	12.888	944	945	947	rVB	349345	440607	4.67%	0.290%
82	12.968	950	952	956	rVB	1183918	1437874	15.25%	0.945%
83	13.048	956	959	963	rBV5	213824	576725	6.11%	0.379%
84	13.196	970	972	974	rVB	1181299	1061098	11.25%	0.697%
85	13.539	1000	1002	1004	rBV	719123	886754	9.40%	0.583%
86	13.859	1026	1030	1035	rVB	667661	900855	9.55%	0.592%
87	14.008	1041	1043	1048	rVB	385905	517655	5.49%	0.340%
88	14.179	1055	1058	1059	rBV	383135	501409	5.32%	0.330%
89	14.477	1082	1084	1086	rBV	537348	450614	4.78%	0.296%
90	14.522	1086	1088	1091	rVB	91870	138027	1.46%	0.091%
91	14.568	1091	1092	1095	rBV2	73369	149737	1.59%	0.098%
92	14.774	1108	1110	1113	rBV	339405	370036	3.92%	0.243%
93	15.025	1130	1132	1136	rBV3	59859	109025	1.16%	0.072%
94	15.094	1136	1138	1141	rBV	263614	372199	3.95%	0.245%
95	15.448	1166	1169	1173	rBV2	237660	626414	6.64%	0.412%
96	15.882	1204	1207	1210	rVB	212782	401981	4.26%	0.264%
97	16.100	1224	1226	1235	rVB2	71571	205279	2.18%	0.135%
98	16.363	1246	1249	1255	rVB	100109	224786	2.38%	0.148%
99	16.511	1260	1262	1269	rVB	75013	167817	1.78%	0.110%
100	16.923	1295	1298	1302	rVB	66707	133801	1.42%	0.088%

Sum of corrected areas: 152157895

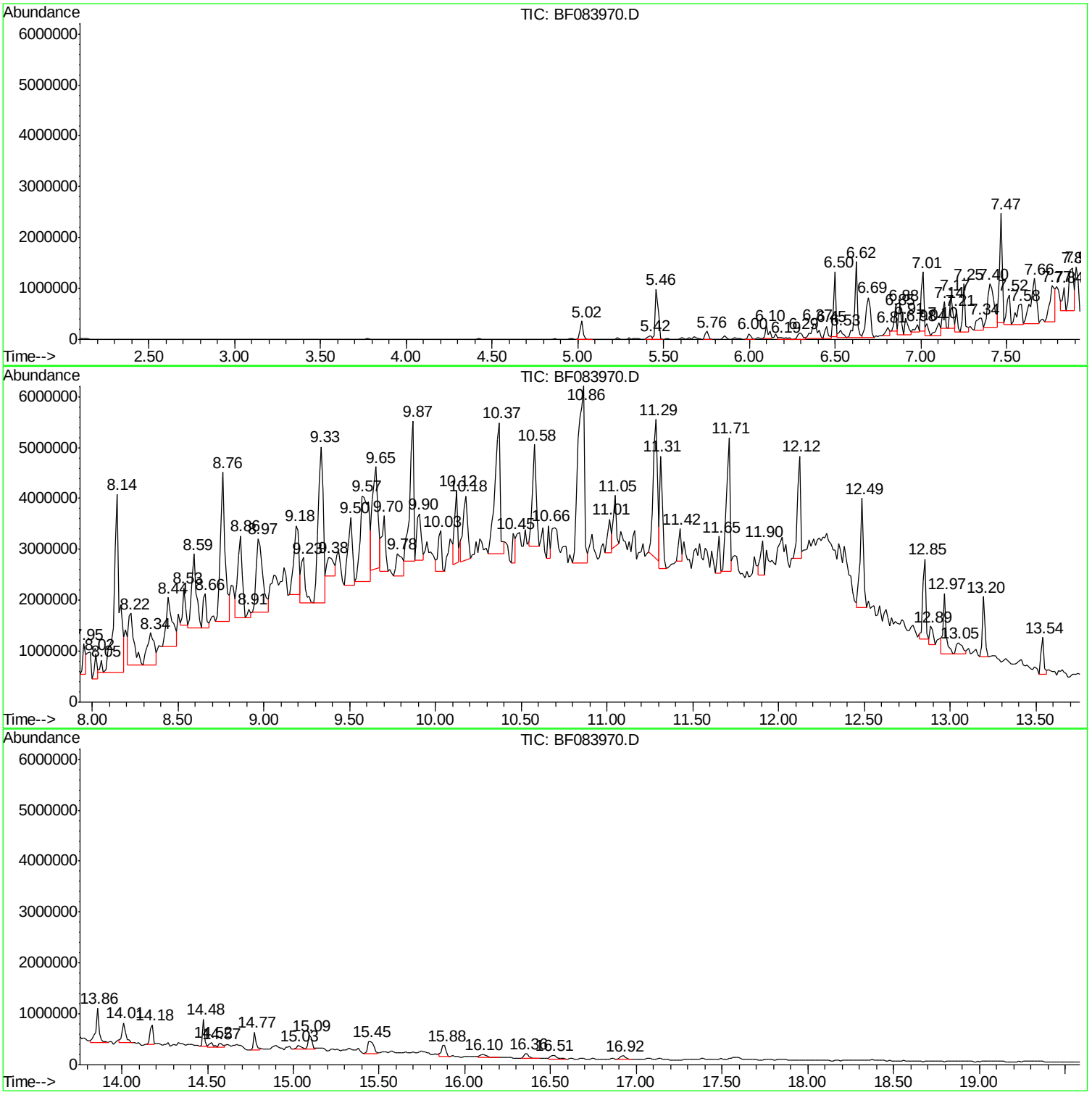
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

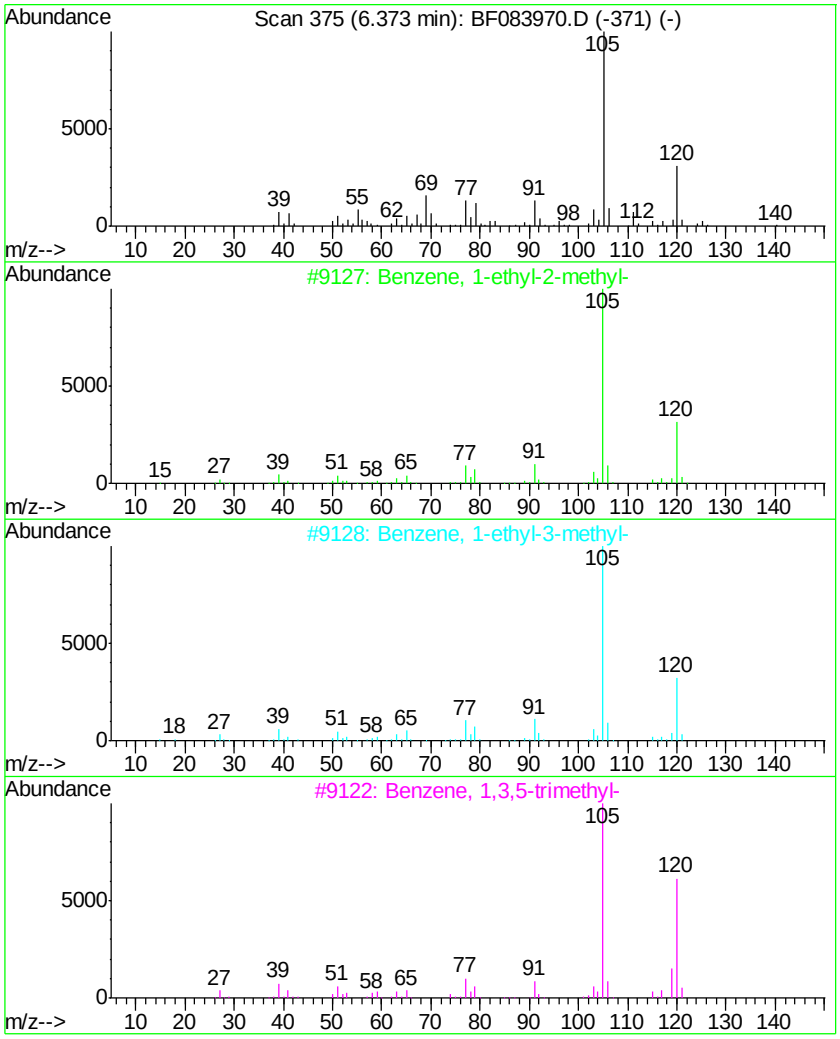
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

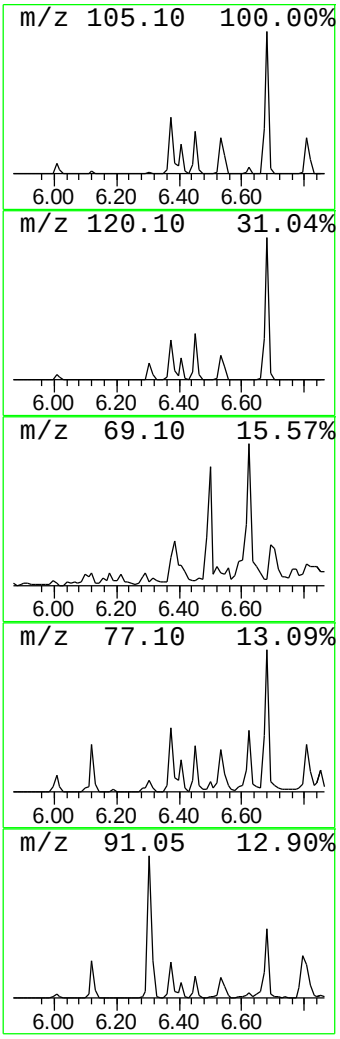
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	39.47 ng	749544	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

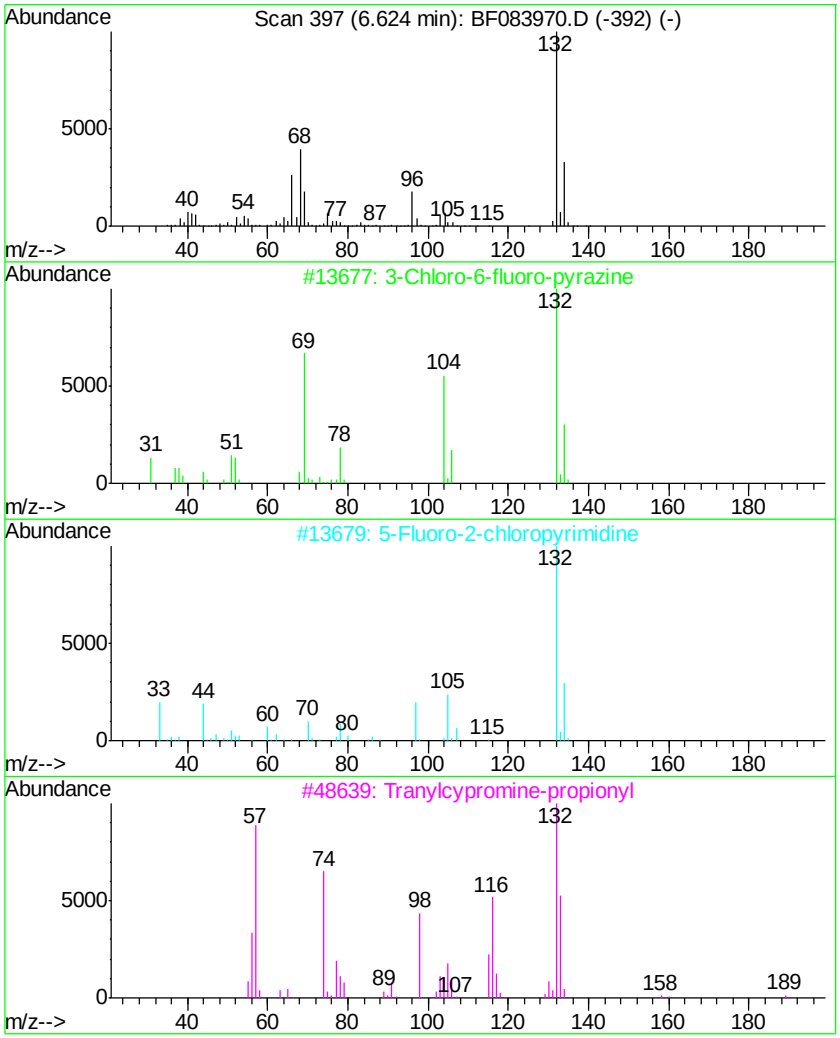
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

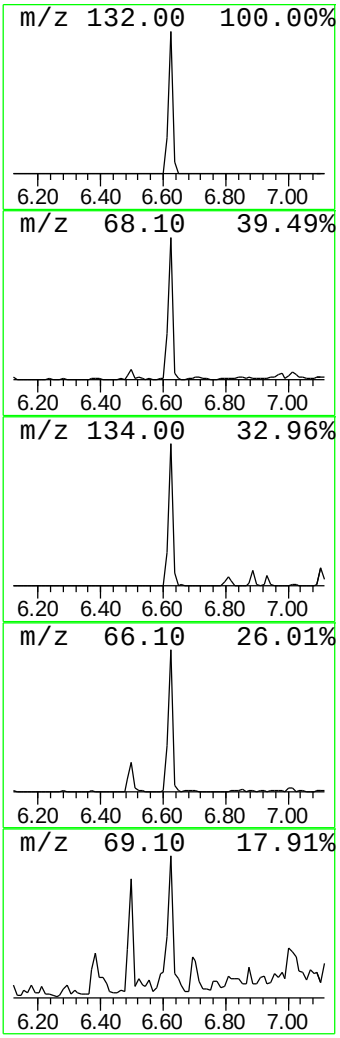
****

Peak Number 2 unknown6.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	94.16 ng	1788260	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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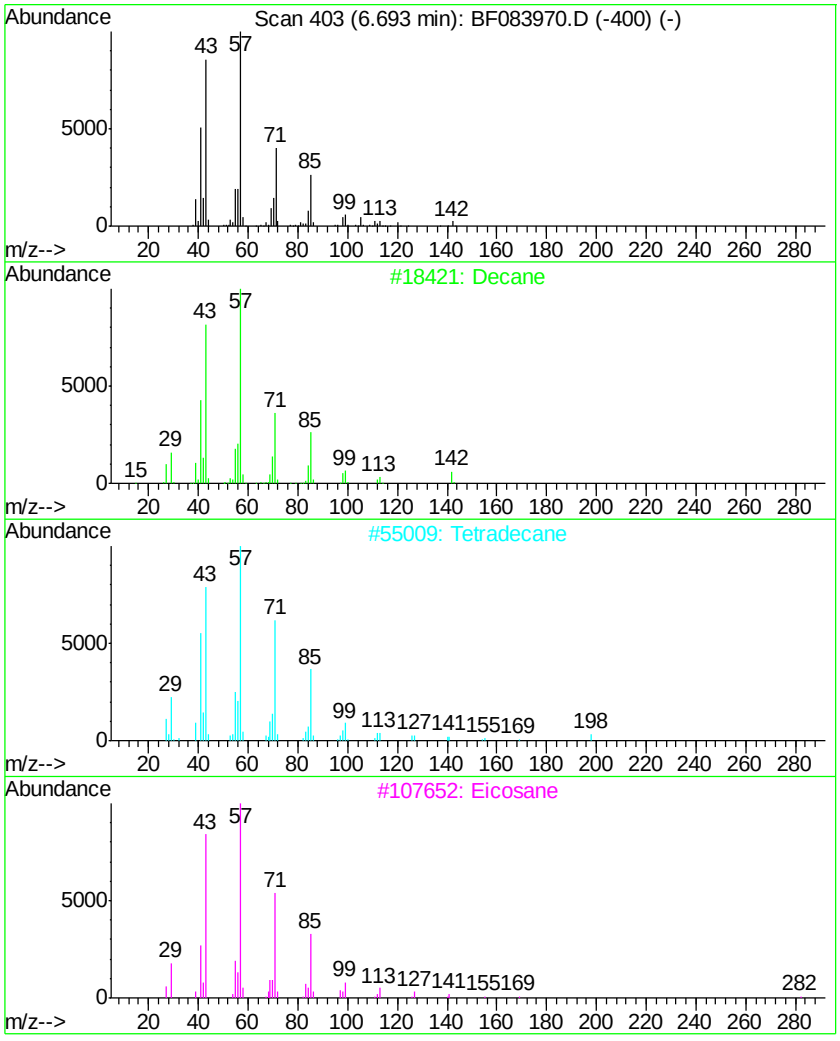
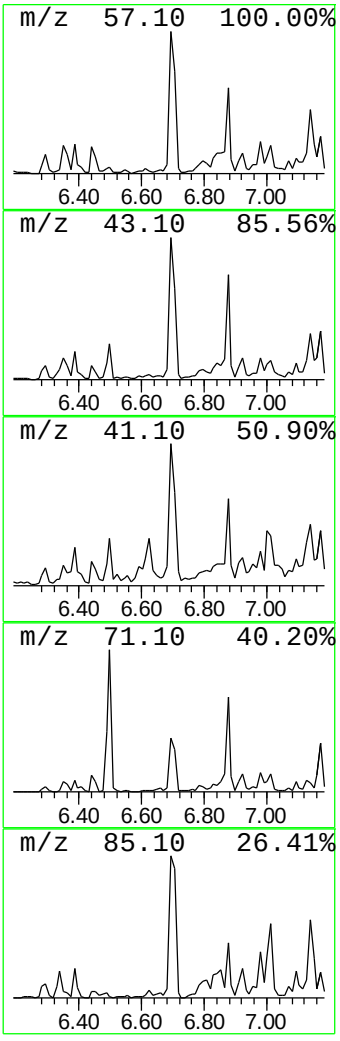
Peak Number 3 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	79.92 ng	1517840	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Eicosane	282	C20H42	000112-95-8	78
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5	Octadecane	254	C18H38	000593-45-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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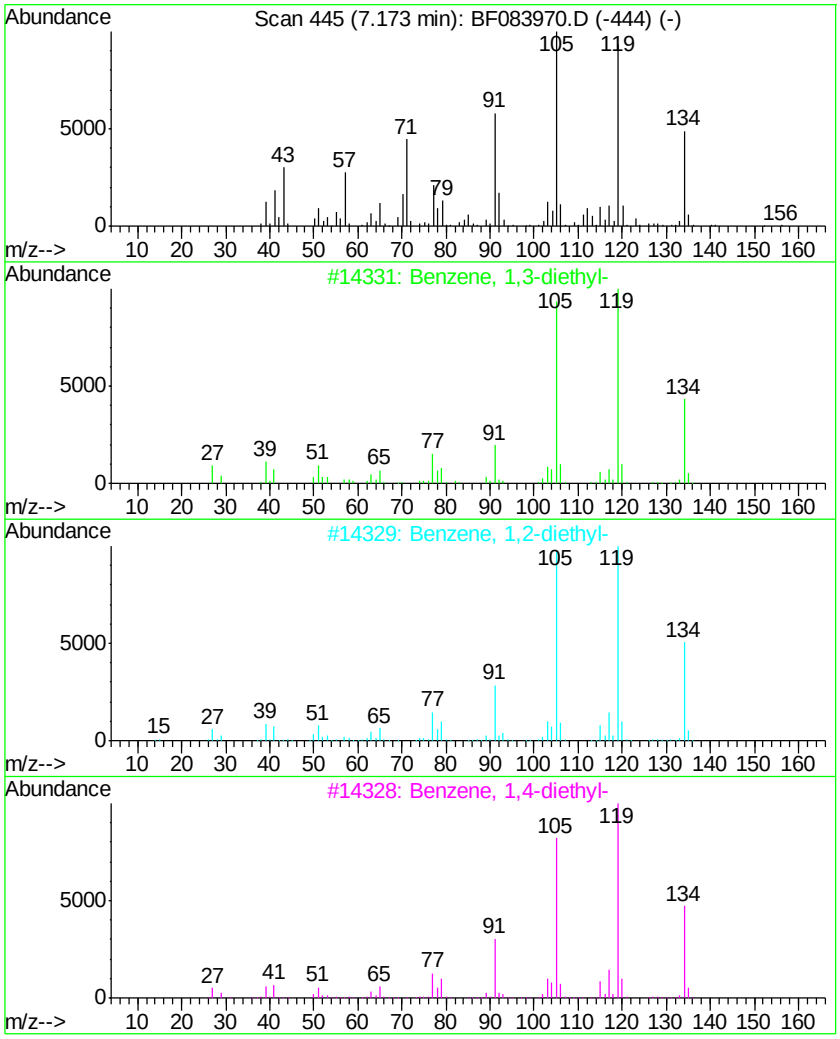
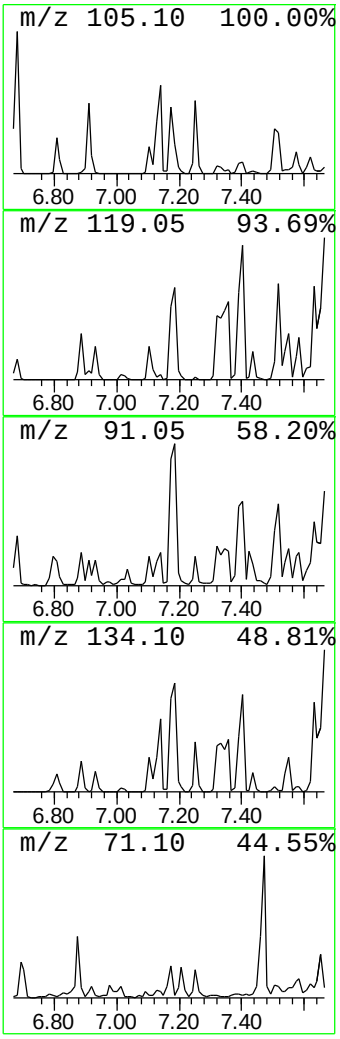
Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	38.38 ng	728876	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

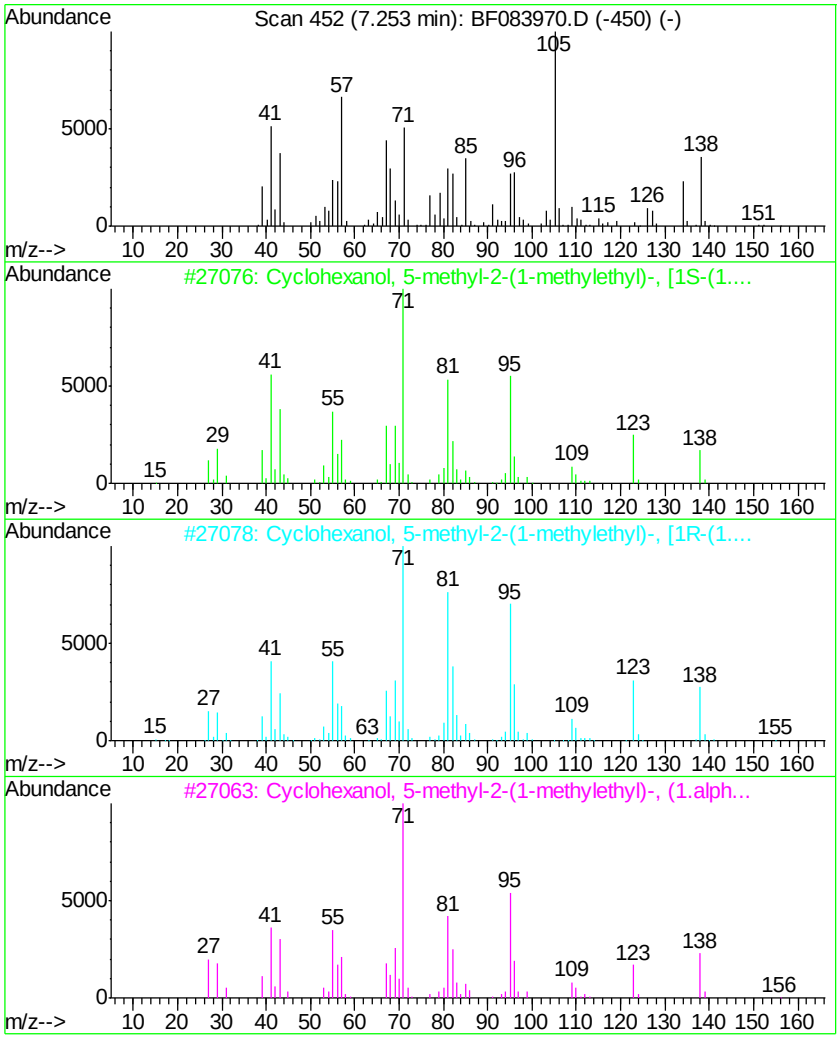
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

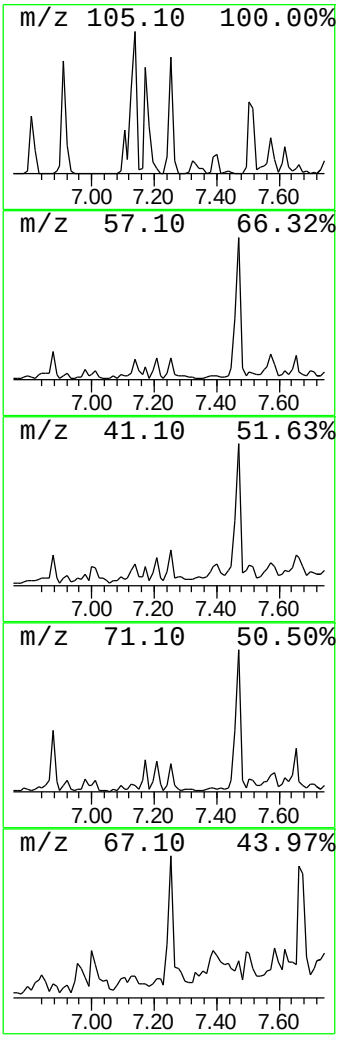
****

Peak Number 6 unknown7.25 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	48.89 ng	928406	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	35
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-51-5	35
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-01-0	30
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	27
5	1,3-Cyclohexanedimethanamine	142	C8H18N2	002579-20-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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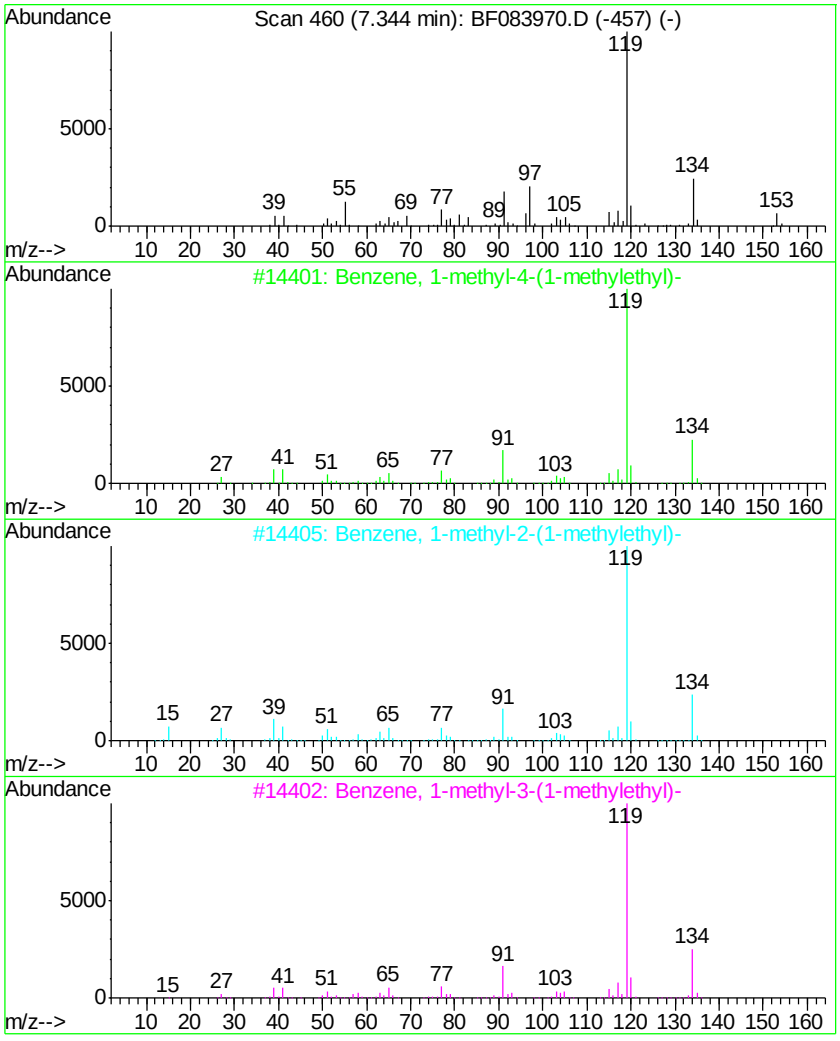
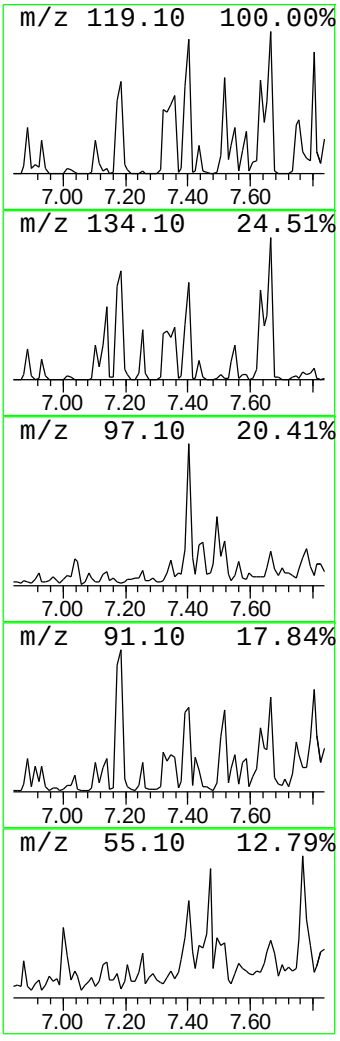
Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	32.16 ng	610741	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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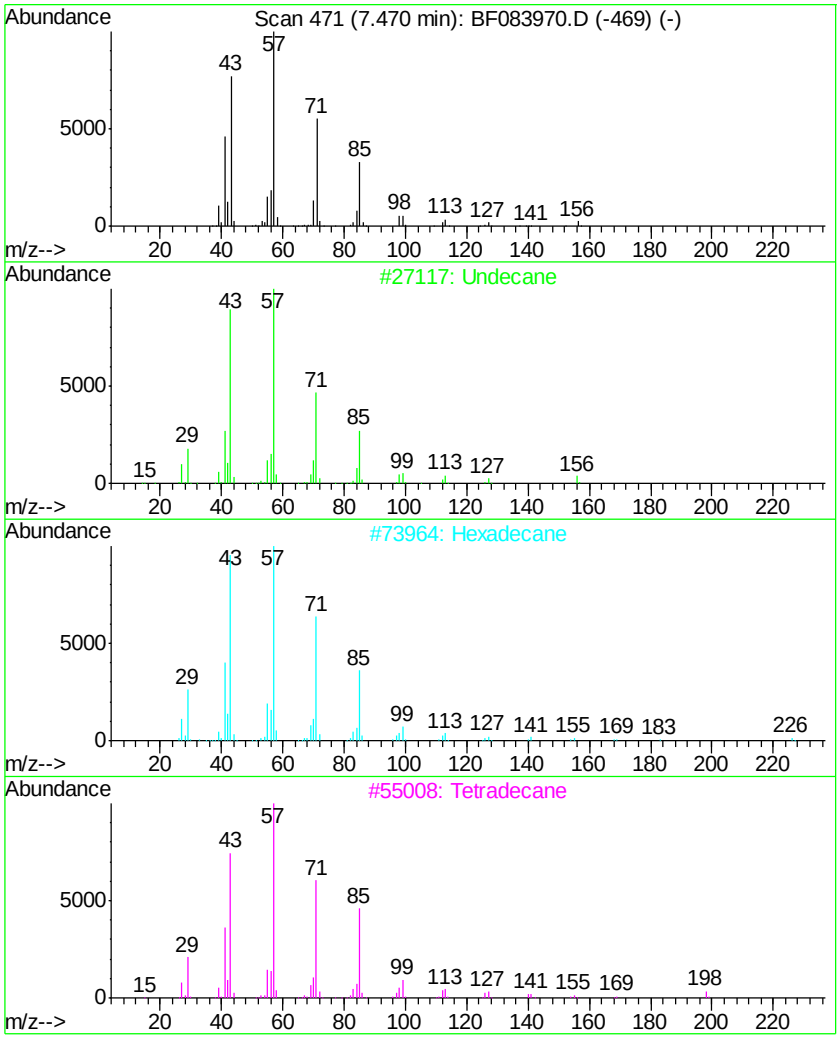
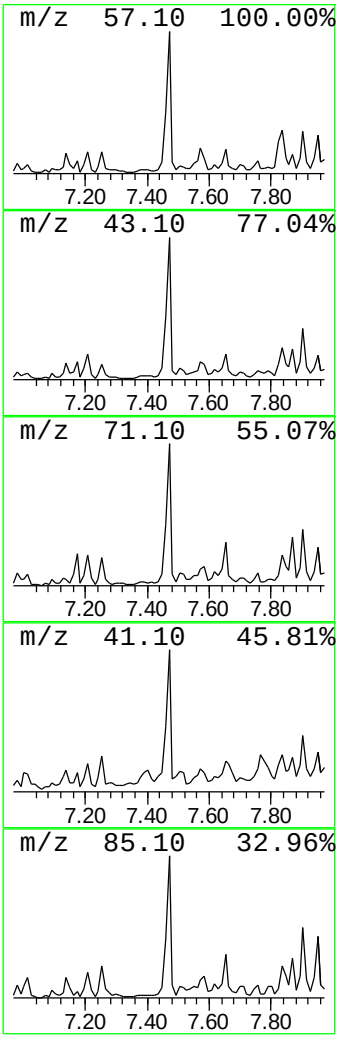
Peak Number 8 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	108.52 ng	2060970	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	83
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5	Decane	142	C10H22	000124-18-5	64





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Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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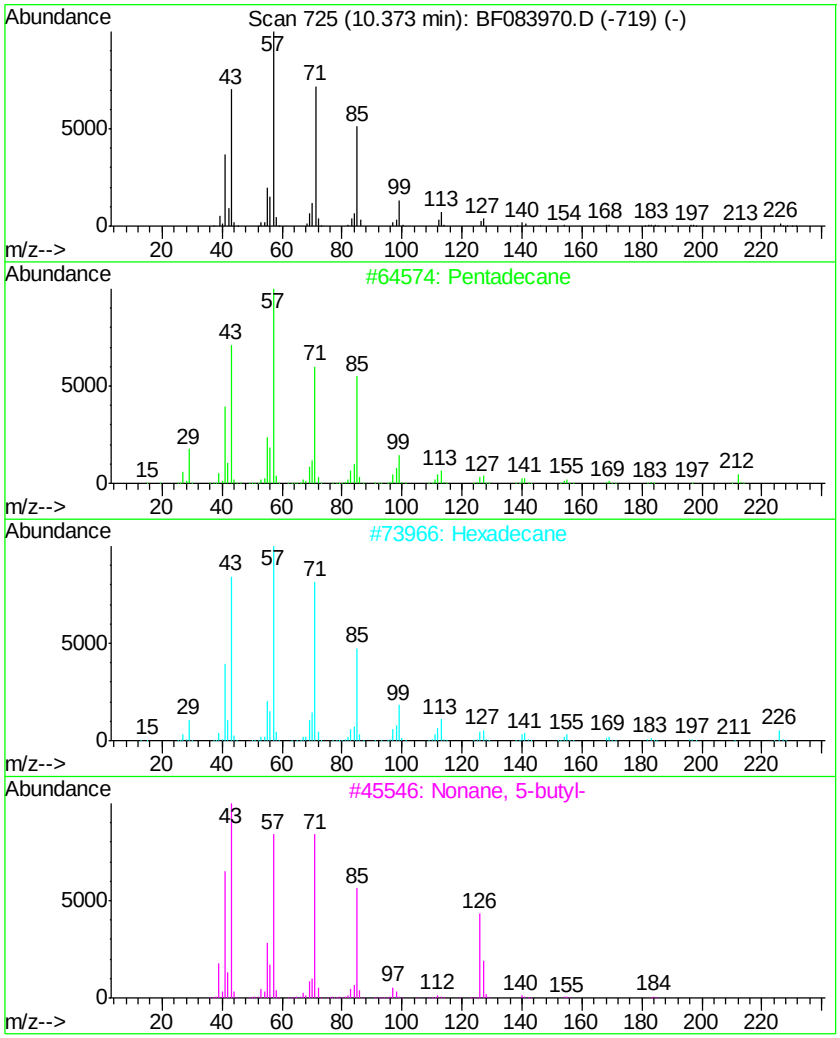
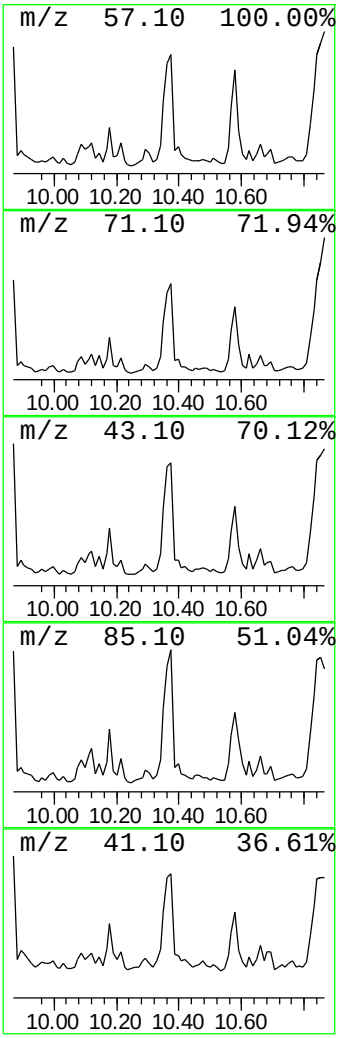
Peak Number 9 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	73.14 ng	5846720	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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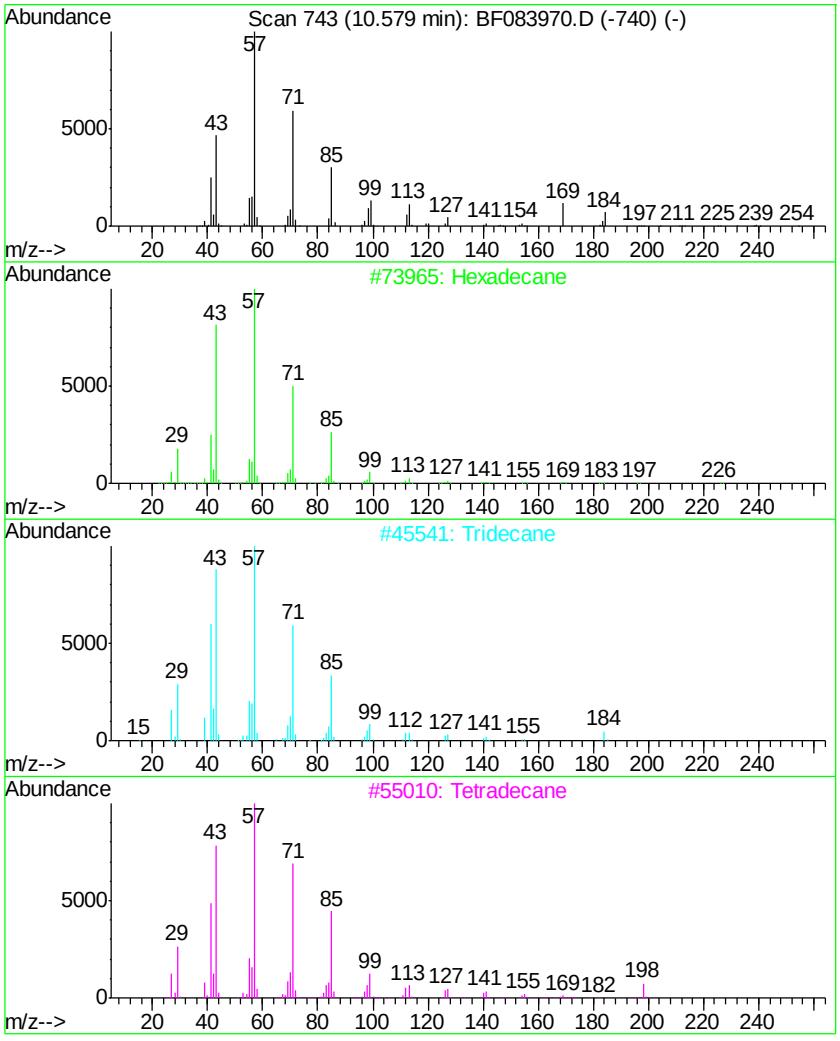
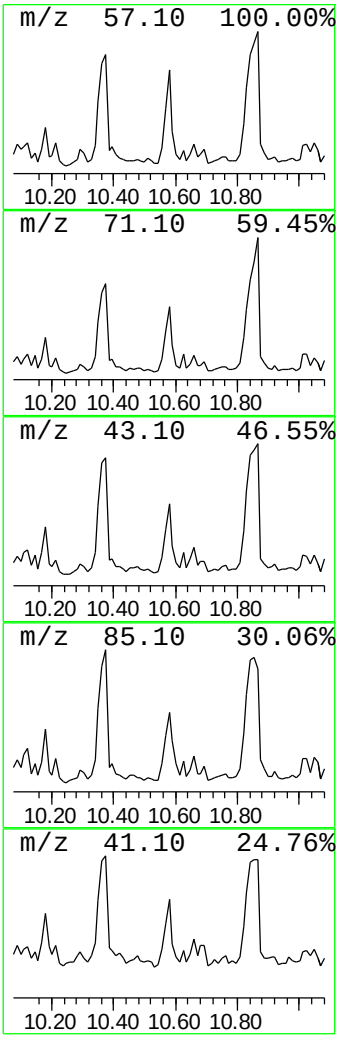
Peak Number 10 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	34.98 ng	2796430	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Tridecane	184	C13H28	000629-50-5	72
3	Tetradecane	198	C14H30	000629-59-4	68
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	62





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Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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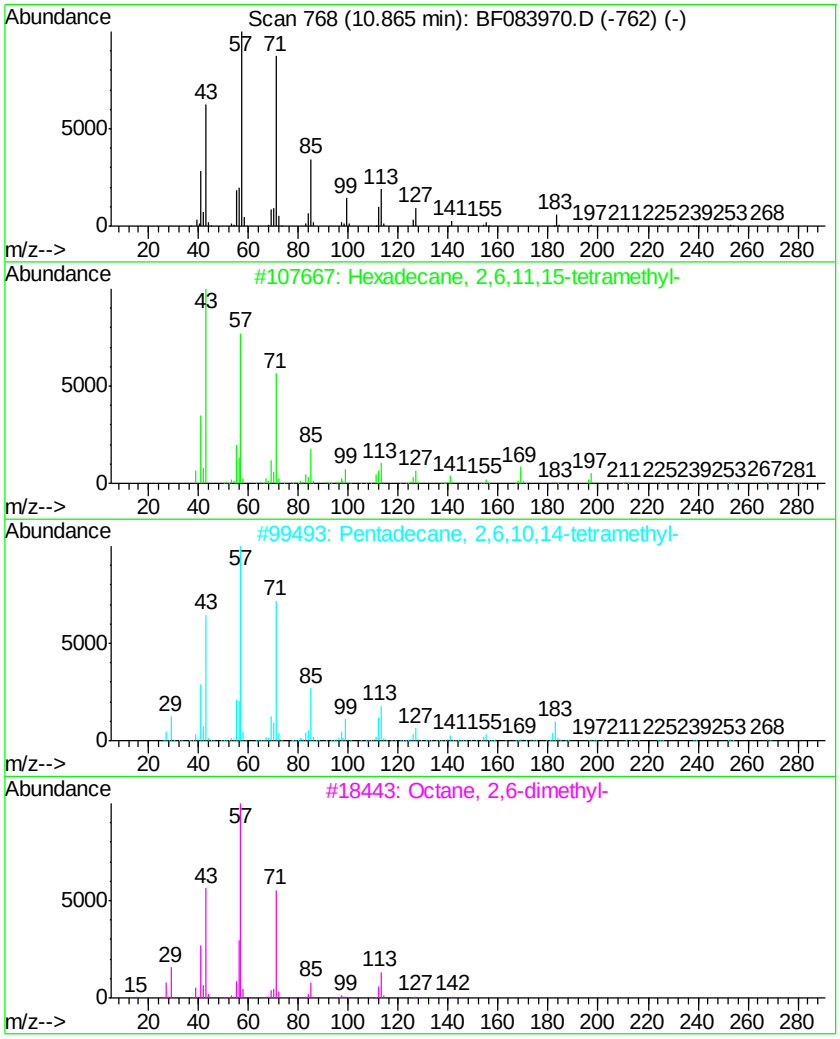
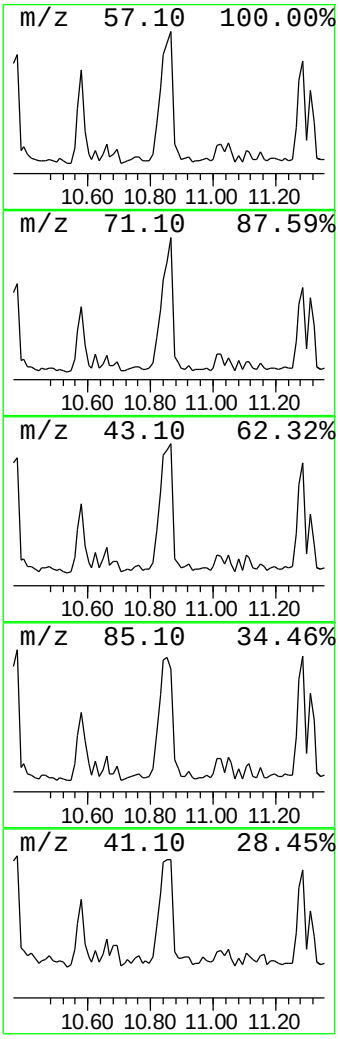
Peak Number 11 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	260.18 ng	9431350	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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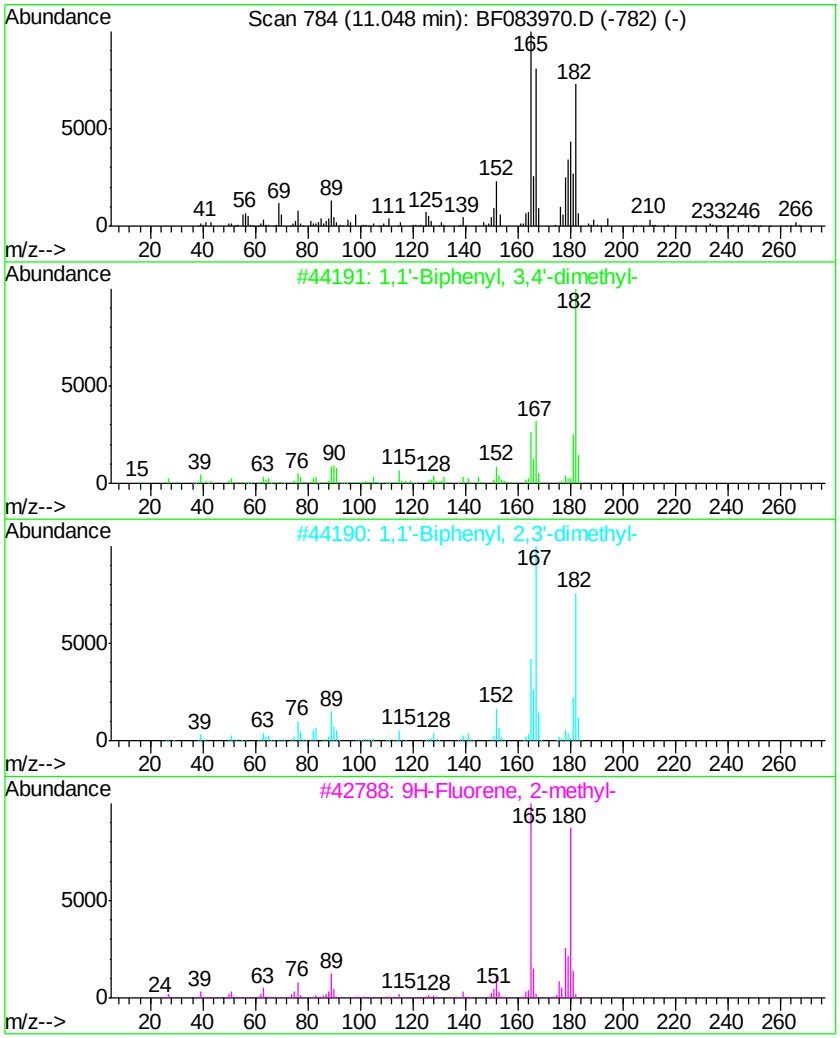
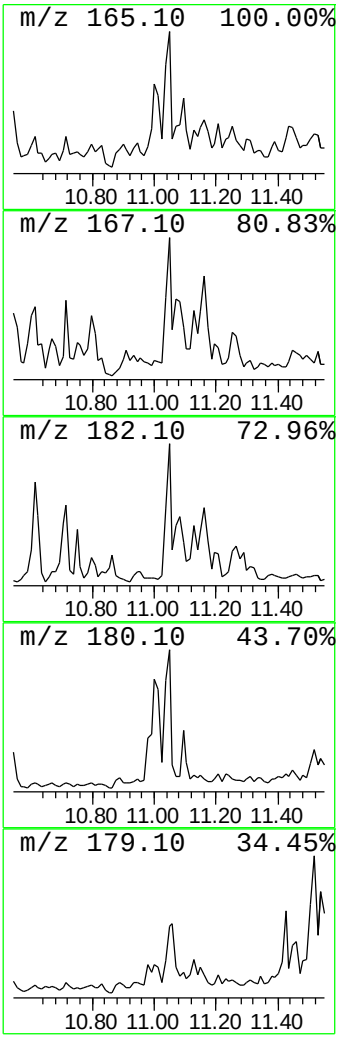
Peak Number 12 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	33.30 ng	1207250	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	53
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	46
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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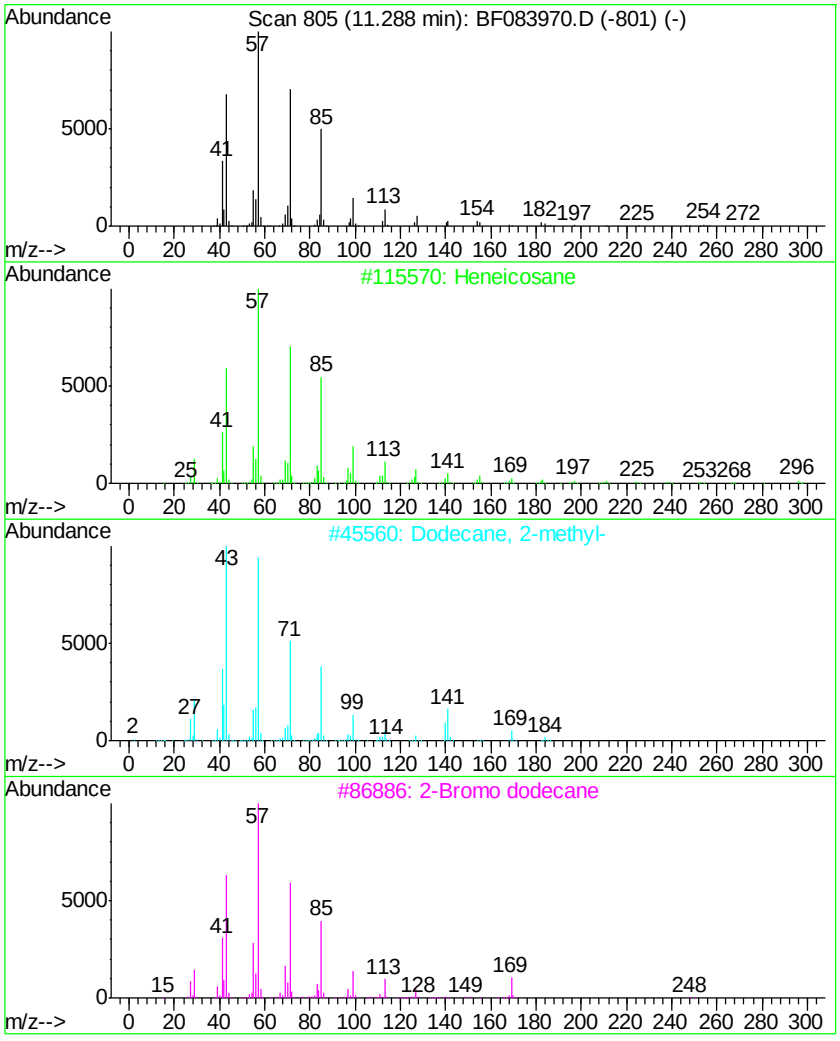
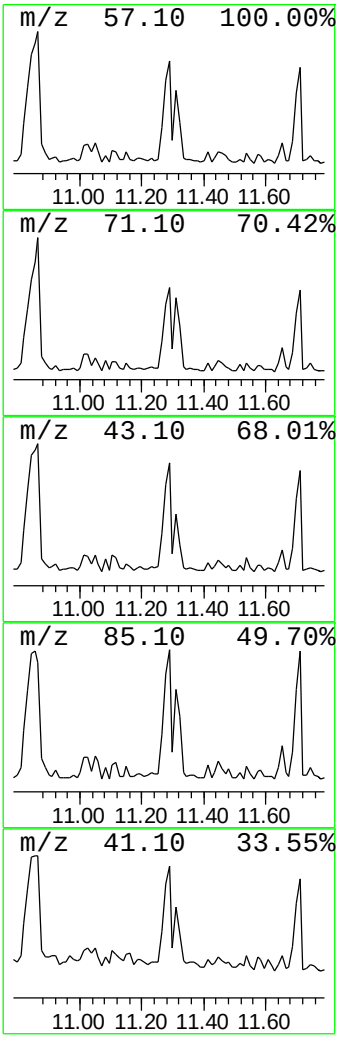
Peak Number 13 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	125.04 ng	4532740	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heptacosane	380	C27H56	000593-49-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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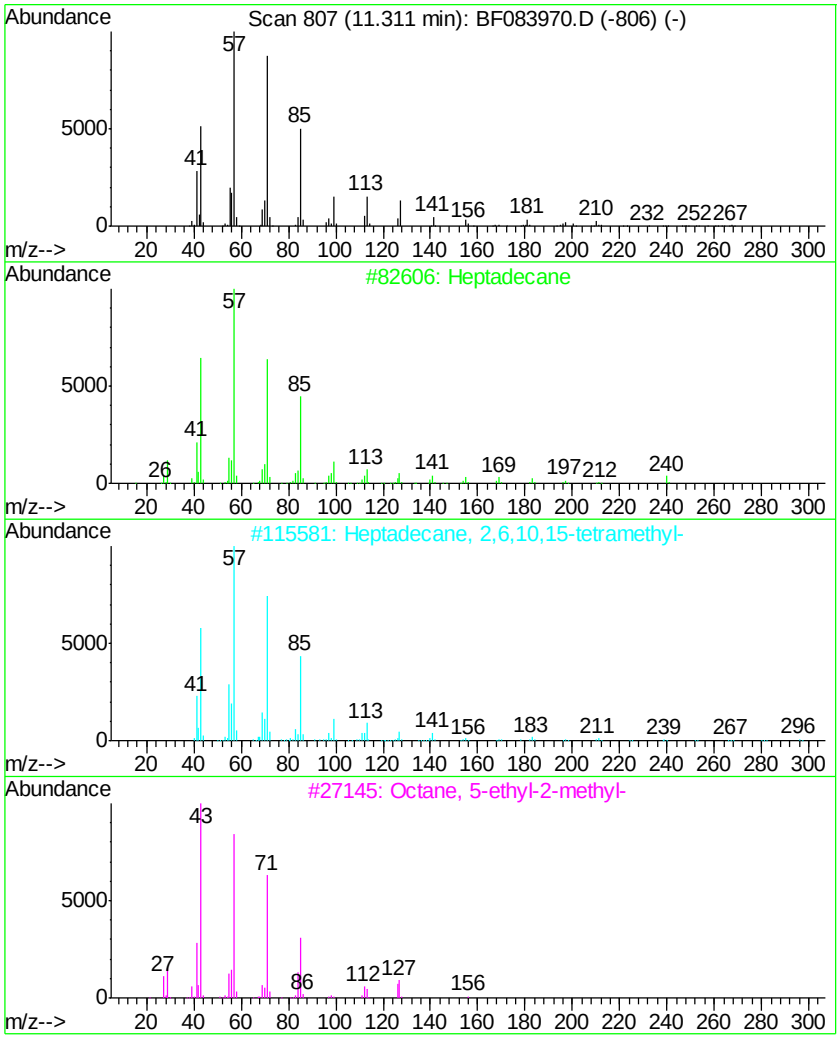
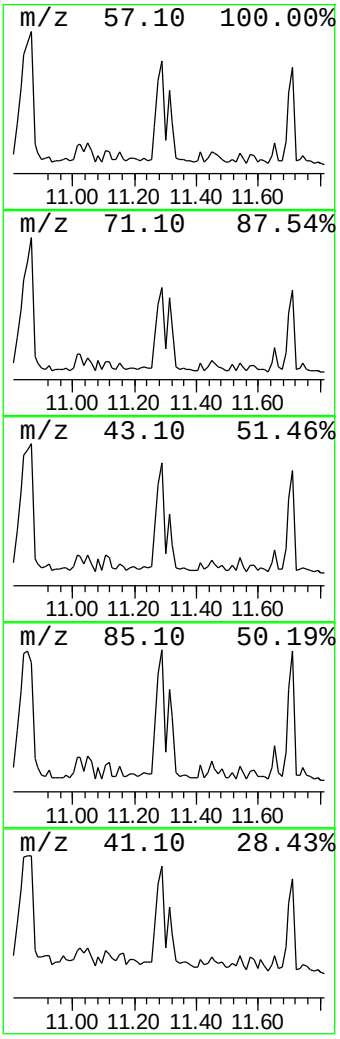
Peak Number 14 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	68.74 ng	2491770	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
4	Octacosane	394	C28H58	000630-02-4	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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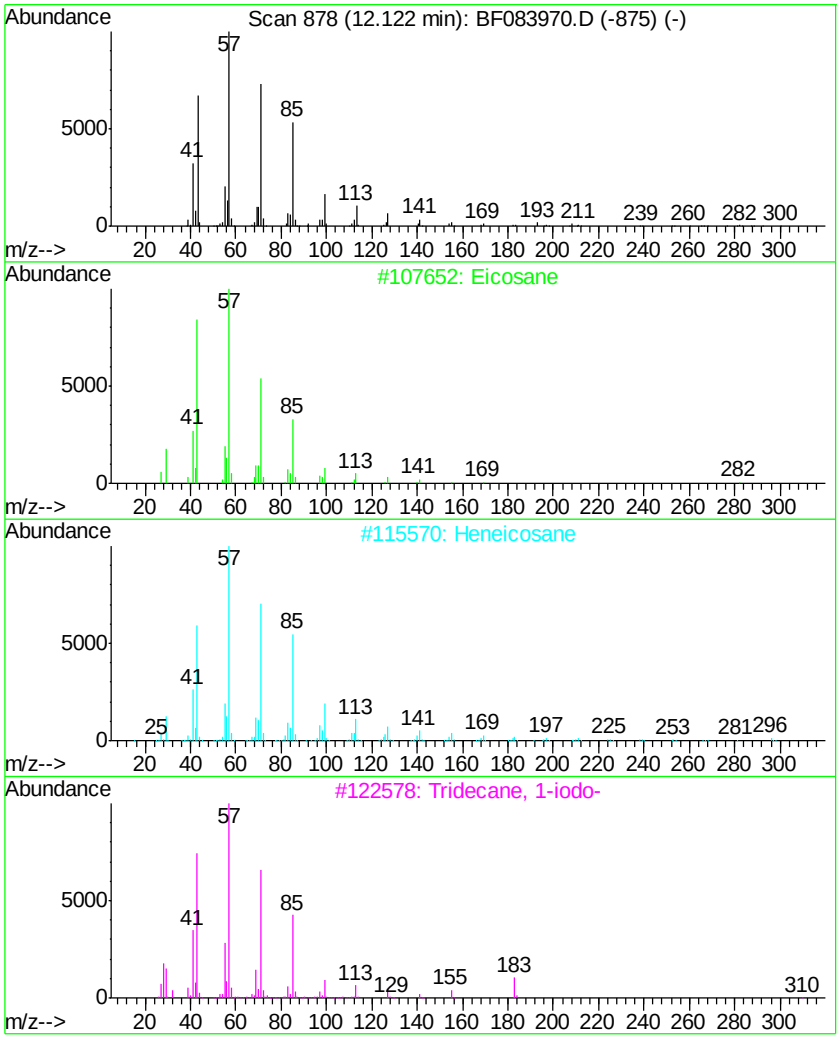
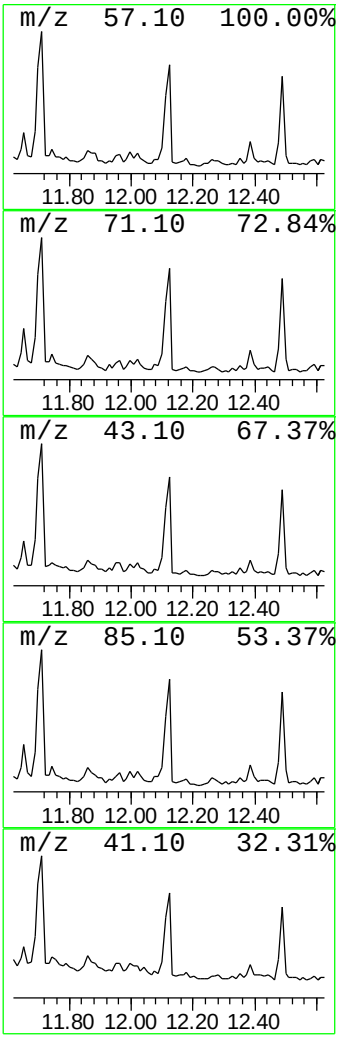
Peak Number 16 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	73.25 ng	2655450	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083970.D
Acq On : 19 Dec 2015 22:30
Operator : UM/SJ
Sample : G4869-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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
Benzene, 1-ethyl-...	6.37	39.5	ng	749544	1	6.85	379817	20.0
unknown6.62	6.62	94.2	ng	1788260	1	6.85	379817	20.0
Decane	6.69	79.9	ng	1517840	1	6.85	379817	20.0
Benzene, 1,3-diet...	7.17	38.4	ng	728876	1	6.85	379817	20.0
unknown7.25	7.25	48.9	ng	928406	1	6.85	379817	20.0
Benzene, 1-methyl...	7.34	32.2	ng	610741	1	6.85	379817	20.0
Undecane	7.47	108.5	ng	2060970	1	6.85	379817	20.0
Pentadecane	10.37	73.1	ng	5846720	3	9.92	1598710	20.0
Hexadecane	10.58	35.0	ng	2796430	3	9.92	1598710	20.0
Hexadecane, 2,6,1...	10.86	260.2	ng	9431350	4	11.40	724990	20.0
1,1'-Biphenyl, 3,...	11.05	33.3	ng	1207250	4	11.40	724990	20.0
Heneicosane	11.29	125.0	ng	4532740	4	11.40	724990	20.0
Heptadecane	11.31	68.7	ng	2491770	4	11.40	724990	20.0
Eicosane	12.12	73.3	ng	2655450	4	11.40	724990	20.0