LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

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-BF081715.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	3.990	181	184	189	rVB	247889	410569	1.74%	0.174%
2	4.596	235	237	240	rVB	256108	349788	1.48%	0.148%
3	4.687	240	245	248	rBV	848790	1623427	6.89%	0.688%
4	4.904	261	264	267	rBV2	282571	484481	2.06%	0.205%
5	4.973	267	270	271	rVB	284375	368934	1.57%	0.156%
6	5.007	271	273	274	rBV	335953	359525	1.53%	0.152%
7	5.030	274	275	278	rVB	393827	454765	1.93%	0.193%
8	5.110	278	282	284	rBV2	857055	2423232	10.28%	1.027%
9	5.144	284	285	287	rVB	1479794	1105425	4.69%	0.468%
10	5.293	296	298	301	rBV	388605	617830	2.62%	0.262%
11	5.373	303	305	310	rVB2	689502	1116406	4.74%	0.473%
12	5.464	310	313	315	rBV	2744329	2937153	12.46%	1.245%
13	5.567	317	322	324	rBV	527072	764126	3.24%	0.324%
14	5.636	324	328	331	rBV4	251829	686500	2.91%	0.291%
15	5.716	331	335	337	rVB2	780383	1333464	5.66%	0.565%
16	5.773	337	340	341	rBV	375283	513800	2.18%	0.218%
17	5.819	341	344	347	rVB3	1790187	2860766	12.14%	1.212%
18	5.876	347	349	355	rBV	899553	1490126	6.32%	0.631%
19	6.024	358	362	364	rBV	1219077	2069896	8.78%	0.877%
20	6.093	364	368	370	rBV2	2574626	5320607	22.58%	2.255%
21	6.184	374	376	378	rBV	2490333	3072129	13.04%	1.302%
22	6.230	378	380	381	rVB2	907719	1159759	4.92%	0.491%
23	6.264	381	383	386	rVB	1333730	1992964	8.46%	0.844%
24	6.344	386	390	393	rBV2	1806640	4110487	17.44%	1.742%
25	6.413	393	396	397	rBV	2907150	4202590	17.83%	1.781%
26	6.447	397	399	404	rVB	4745512	7342901	31.16%	3.111%
27	6.550	404	408	409	rBV2	1080771	2005700	8.51%	0.850%
28	6.584	409	411	413	rBV3	506369	778505	3.30%	0.330%
29	6.630	413	415	422	rVB3	1897482	5579125	23.67%	2.364%
30	6.744	422	425	430	rVB4	2248897	6134209	26.03%	2.599%
31	6.882	430	437	439	rBV3	2399677	7327948	31.10%	3.105%
32	6.927	439	441	442	rBV2	2180305	2886183	12.25%	1.223%
33	6.996	445	447	451	rVB3	2159092	4740796	20.12%	2.009%
34	7.099	451	456	457	rBV	1325866	3196429	13.56%	1.354%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.144	457	460	464	rBV3	2028326	4630261	19.65%	1.962%
36	7.236	464	468	474	rVB3	4135113	10667773	45.27%	4.520%
37	7.327	474	476	479	rBV	814049	1262958	5.36%	0.535%
38	7.407	479	483	487	rVB	2477520	5998947	25.46%	2.542%
39	7.522	489	493	495	rBV4	2057884	5171405	21.94%	2.191%
40	7.636	500	503	505	rVV2	2966590	7877264	33.43%	3.338%
41	7.716	508	510	514	rVB2	2157656	5057424	21.46%	2.143%
42	7.910	520	527	532	rBV6	4997986	23566186	100.00%	9.986%
43	8.093	540	543	546	rBV3	1204370	3094104	13.13%	1.311%
44	8.196	548	552	553	rBV4	1233724	2802797	11.89%	1.188%
45	8.539	578	582	585	rBV	2268826	6453209	27.38%	2.734%
46	8.745	594	600	603	rBV3	2444291	8725774	37.03%	3.697%
47	9.110	626	632	634	rBV2	2529528	9132354	38.75%	3.870%
48	9.362	649	654	657	rBV	1940170	7849592	33.31%	3.326%
49	10.345	737	740	742	rVB	1595648	2634373	11.18%	1.116%
50	10.425	745	747	748	rBV	888301	1392544	5.91%	0.590%
51	10.619	759	764	766	rBV	2458390	6757768	28.68%	2.864%
52	11.031	798	800	801	rBV	1557304	2300995	9.76%	0.975%
53	11.065	801	803	805	rVB2	2582231	3579522	15.19%	1.517%
54	11.168	810	812	813	rVB	1147798	1138443	4.83%	0.482%
55	11.453	835	837	839	rBV2	1996923	2616125	11.10%	1.109%
56	11.636	848	853	854	rBV3	1377380	3833490	16.27%	1.624%
57	11.671	854	856	857	rVV	1857746	2454216	10.41%	1.040%
58	11.705	857	859	860	rVV	838697	1145918	4.86%	0.486%
59	11.739	860	862	867	rVB3	1645521	4884149	20.73%	2.070%
60	11.853	870	872	875	rVB2	1566285	2643671	11.22%	1.120%
61	11.991	882	884	887	rBV4	821832	1416477	6.01%	0.600%
62	12.071	889	891	892	rBV	658793	896430	3.80%	0.380%
63	12.185	898	901	902	rBV	1432533	2605362	11.06%	1.104%
64	12.231	902	905	906	rVV2	1665832	2629456	11.16%	1.114%
65	12.265	906	908	909	rVB	716852	951795	4.04%	0.403%
66	12.585	934	936	937	rVB2	1120003	1029835	4.37%	0.436%
67	12.699	944	946	950	rVB3	1072602	2235166	9.48%	0.947%
68	12.928	964	966	968	rVB2	811202	870024	3.69%	0.369%
69	13.054	975	977	978	rBV2	441604	482443	2.05%	0.204%
70	13.122	982	983	986	rVB2	377840	412967	1.75%	0.175%
71	13.271	993	996	997	rBV	349743	485428	2.06%	0.206%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.454	1010	1012	1018	rVB4	228790	555376	2.36%	0.235%
73	13.591	1022	1024	1031	rVV2	291573	533987	2.27%	0.226%
74	13.705	1032	1034	1038	rVB2	536276	759123	3.22%	0.322%
75	13.899	1049	1051	1057	rVB	171435	333733	1.42%	0.141%
76	15.031	1148	1150	1153	rVB	251419	306696	1.30%	0.130%

Sum of corrected areas: 235996105

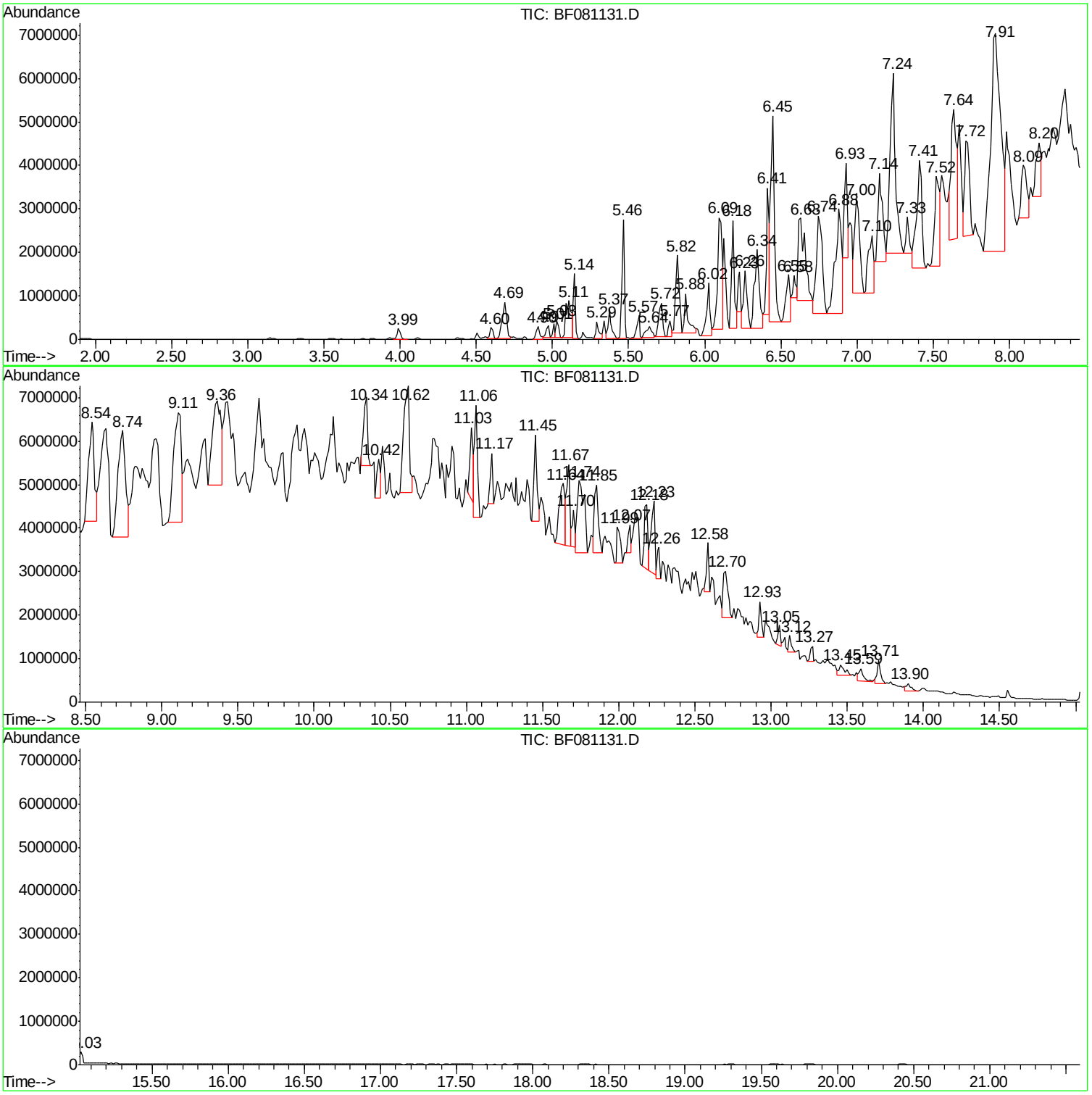
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

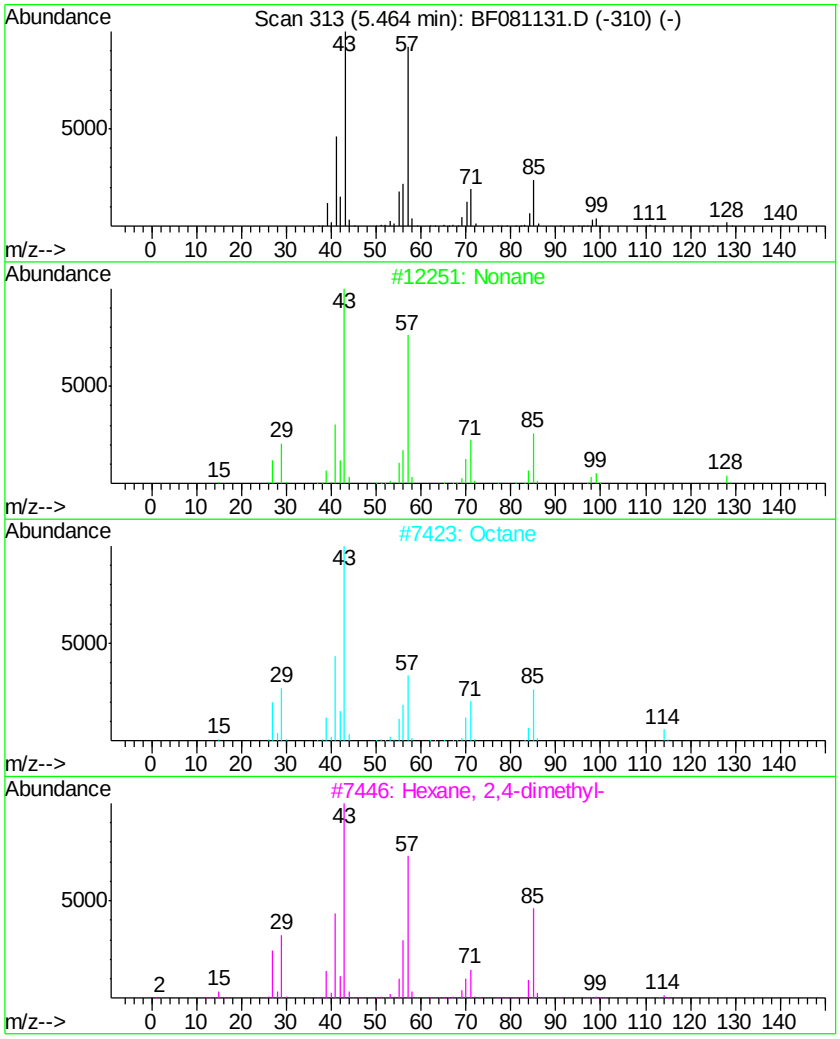
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

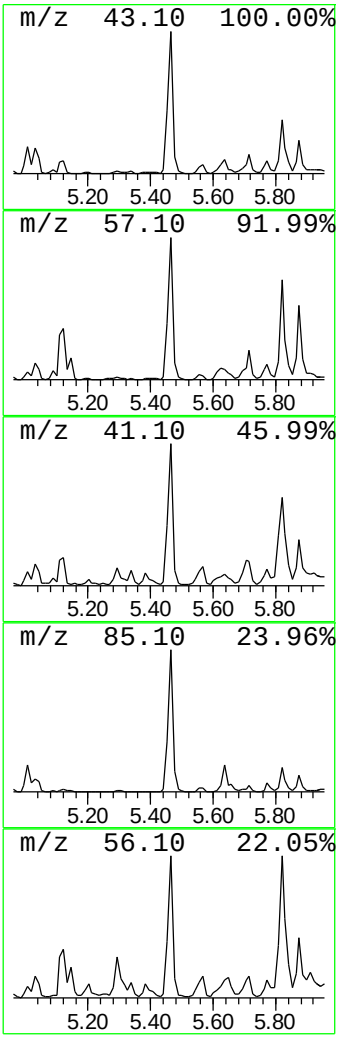
****

Peak Number 1 Nonane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	75.46 ng	2937150	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	78
2	Octane	114	C8H18	000111-65-9	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

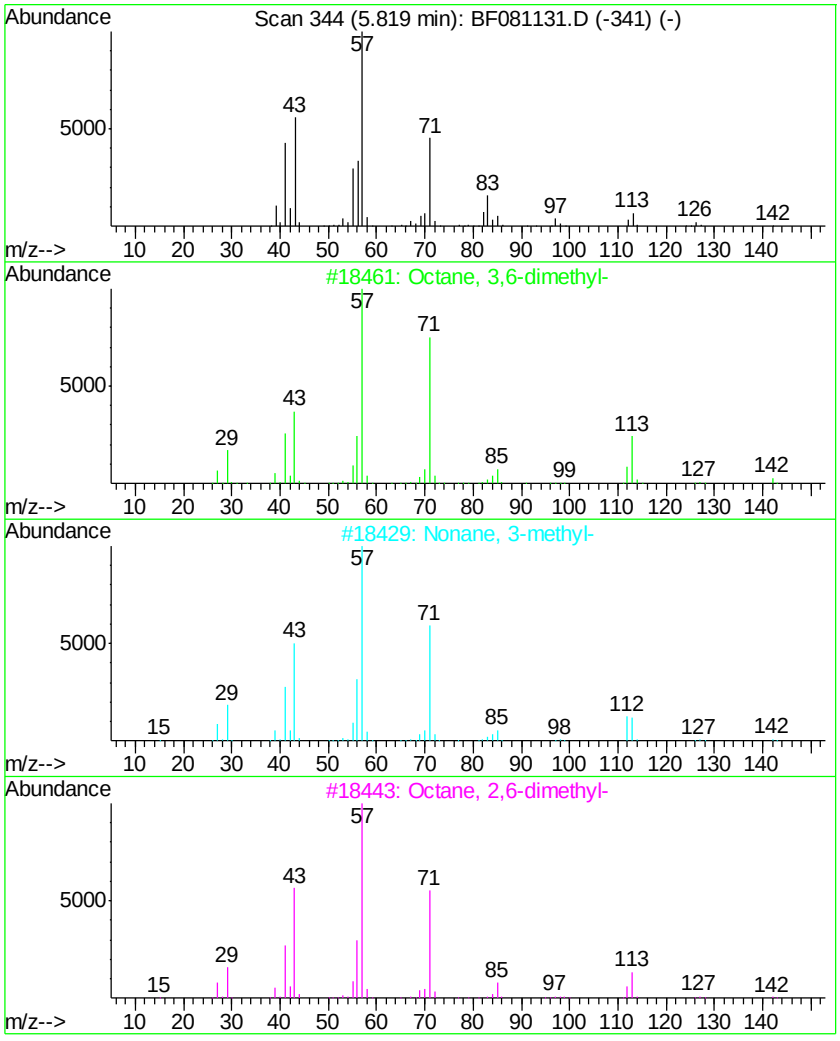
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

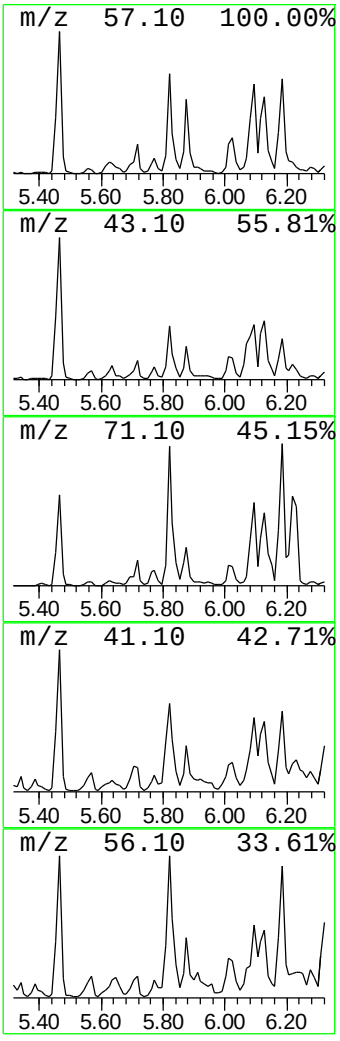
****

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	73.49 ng	2860770	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
5	Hexadecane	226	C16H34	000544-76-3	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

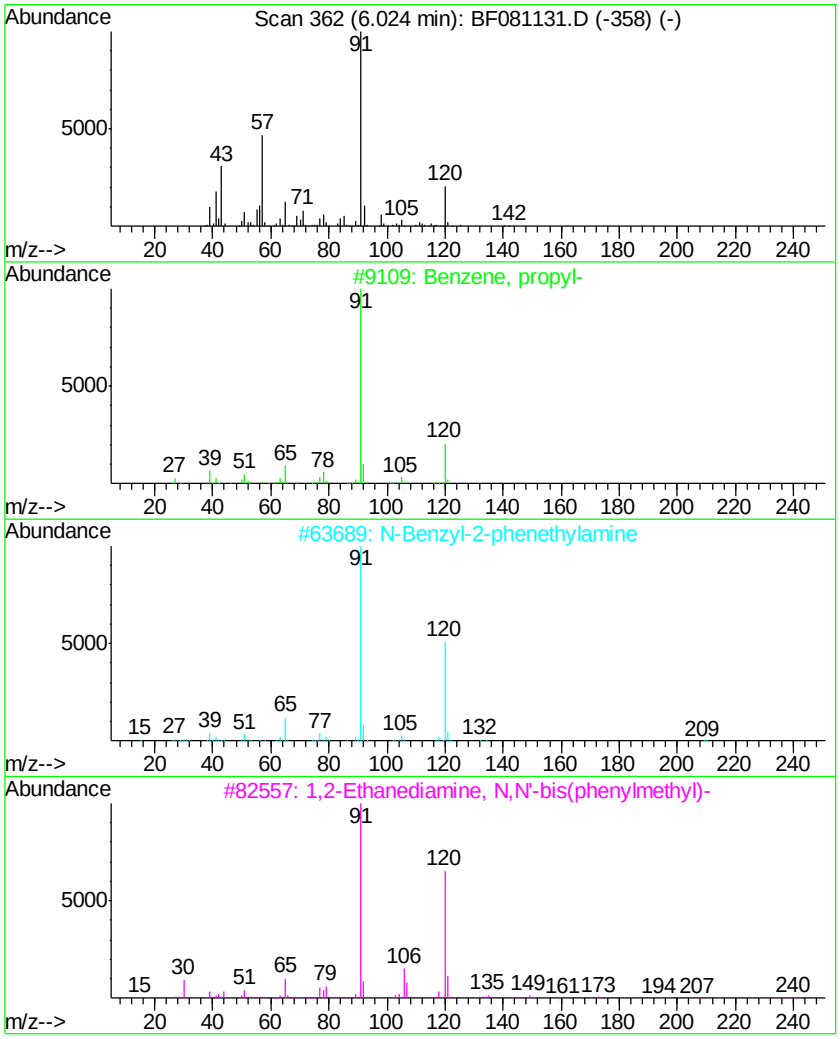
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

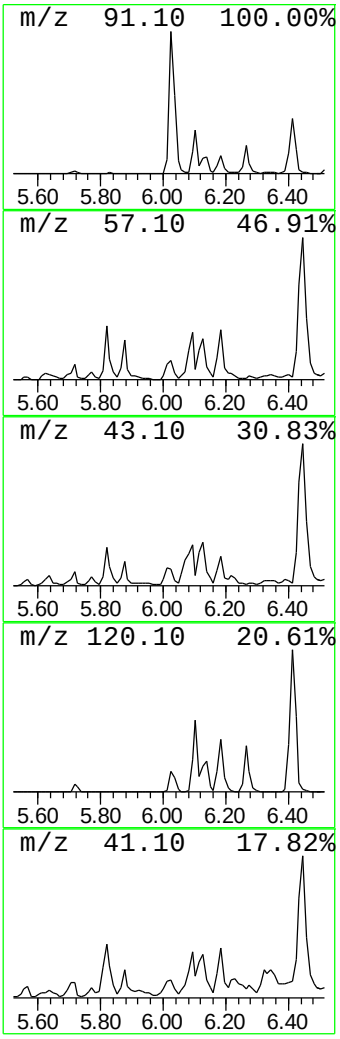
****

Peak Number 3 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	53.18 ng	2069900	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	64
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	50
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

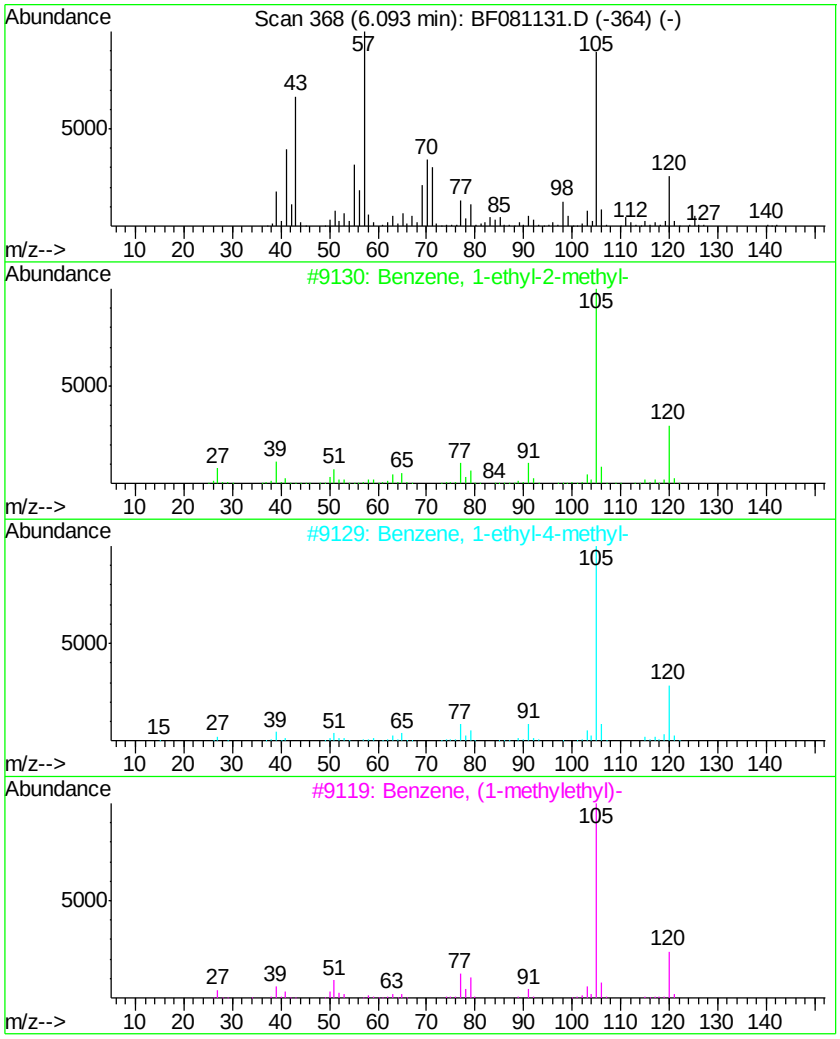
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

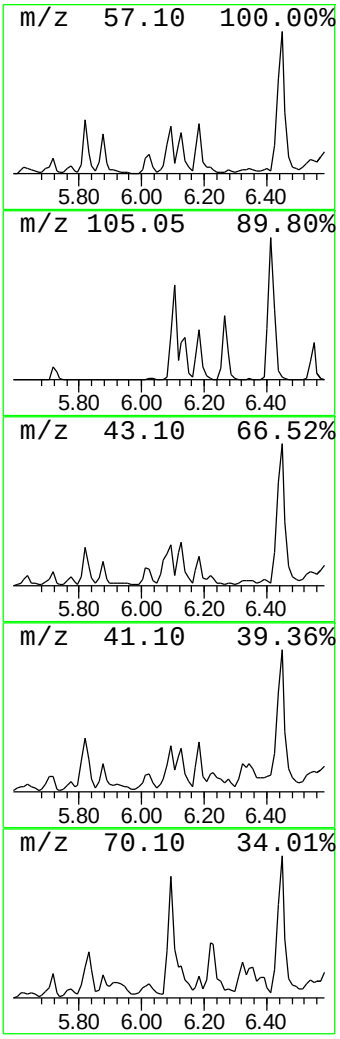
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	136.69 ng	5320610	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	51
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

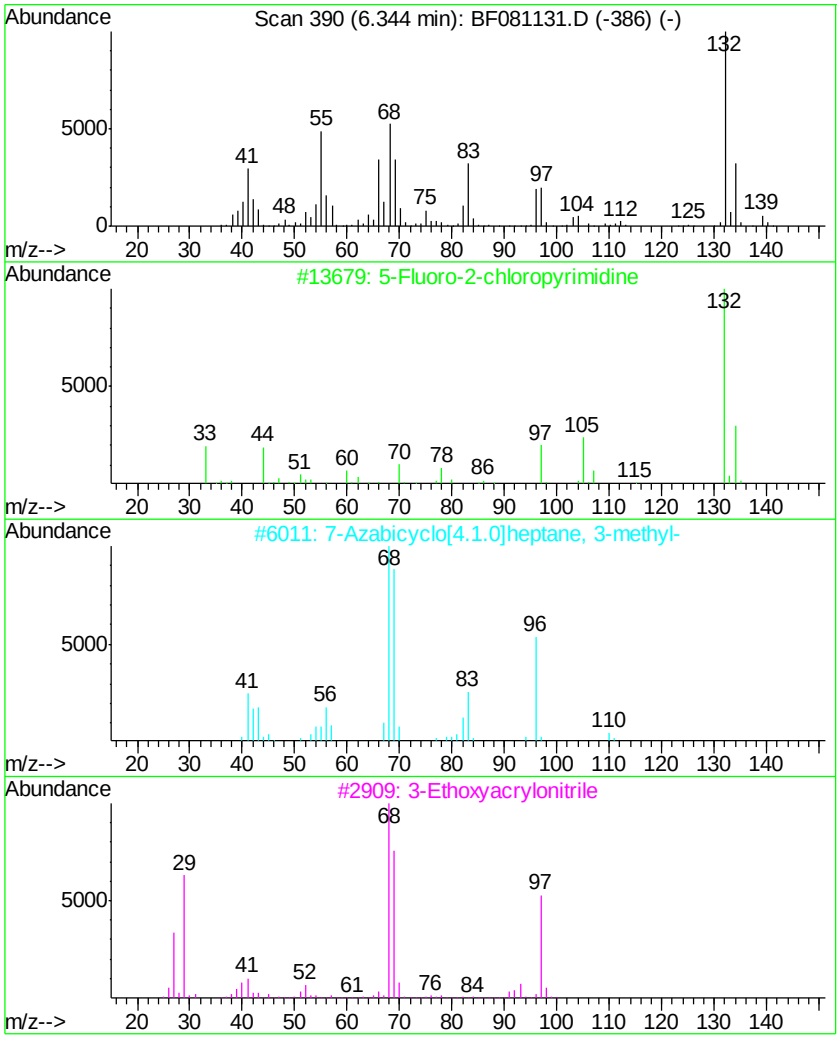
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

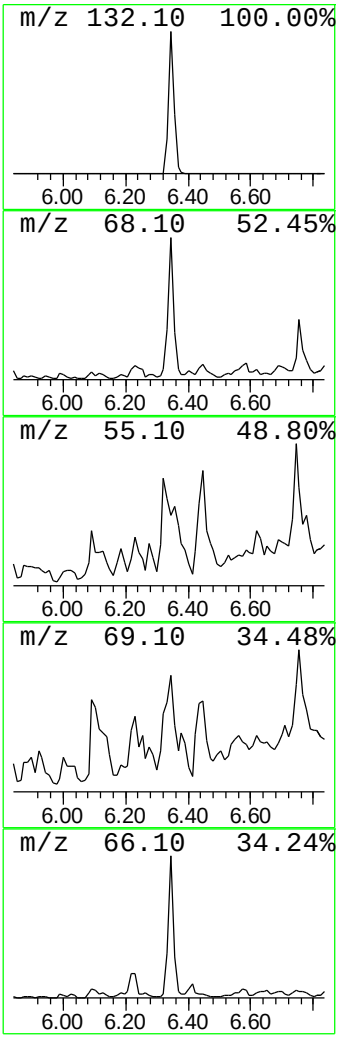
****

Peak Number 5 unknown6.34 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	105.60 ng	4110490	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	7-Azabicyclo[4.1.0]heptane, 3-me...	111	C7H13N	054644-35-8	10
3	3-Ethoxyacrylonitrile	97	C5H7NO	061310-53-0	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

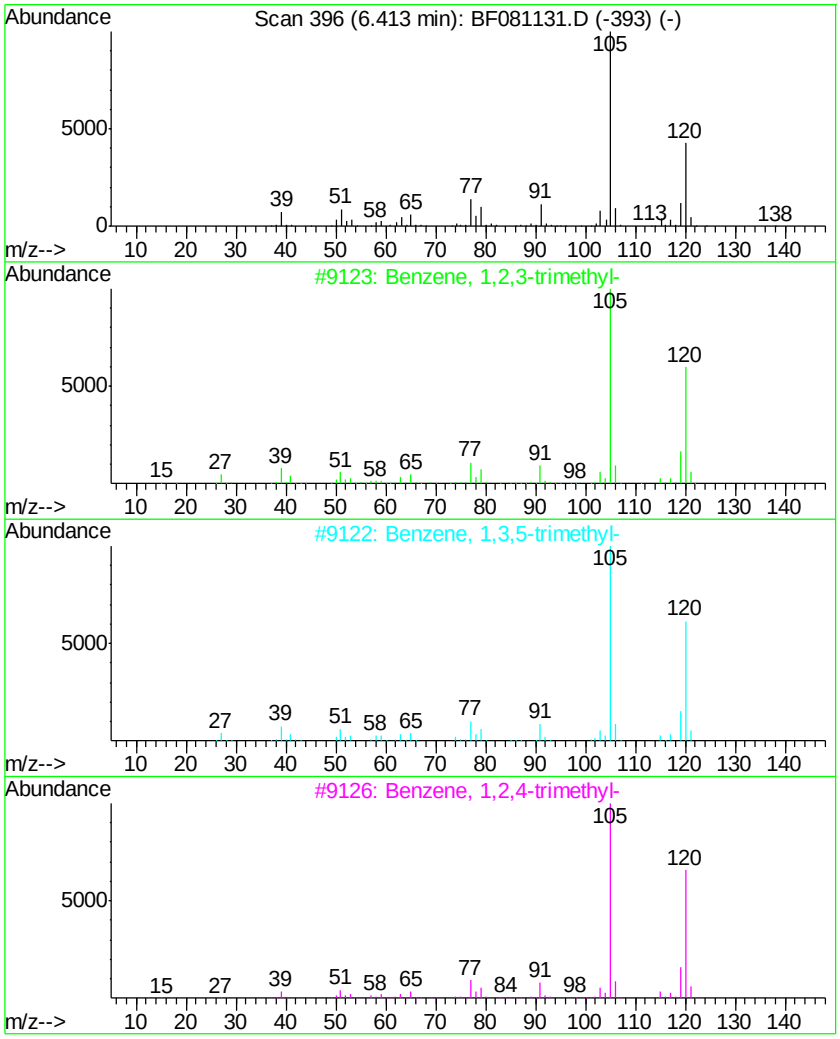
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

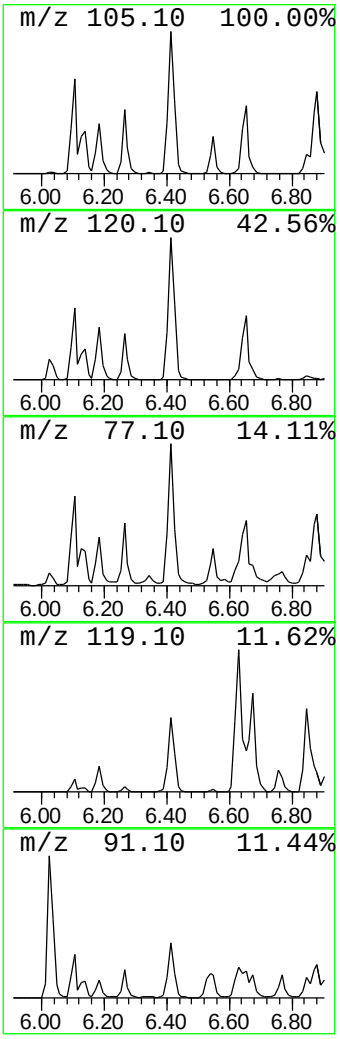
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	107.97 ng	4202590	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

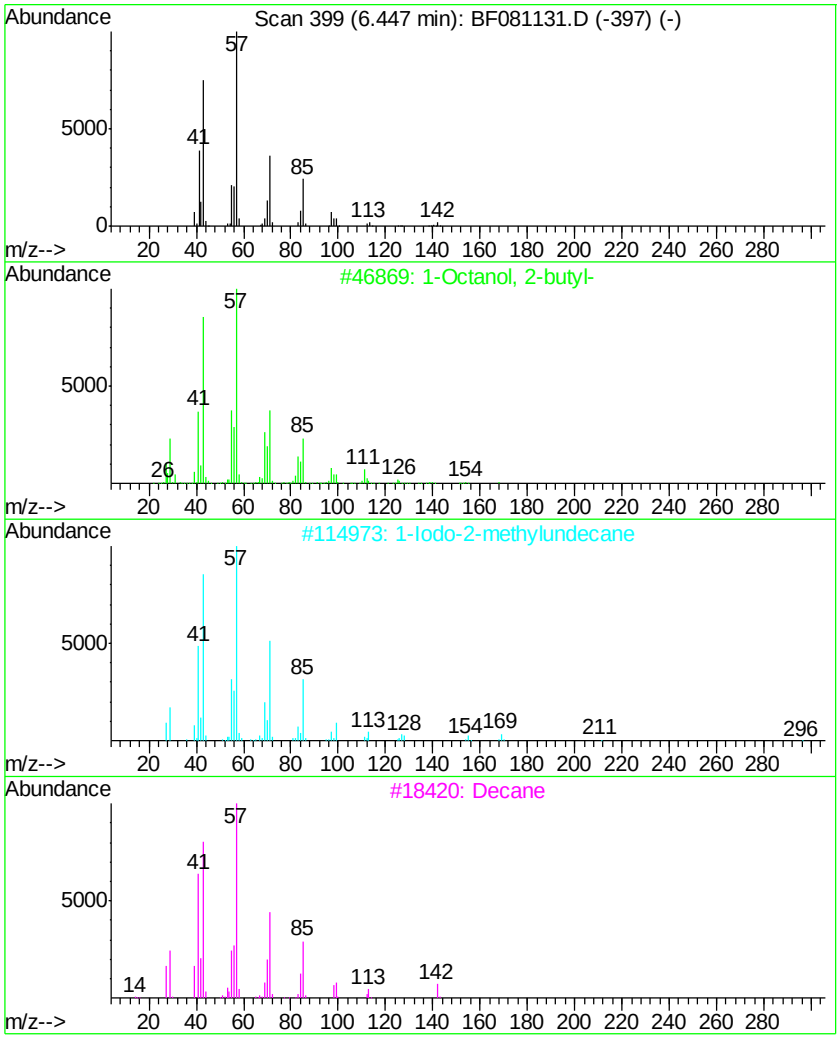
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

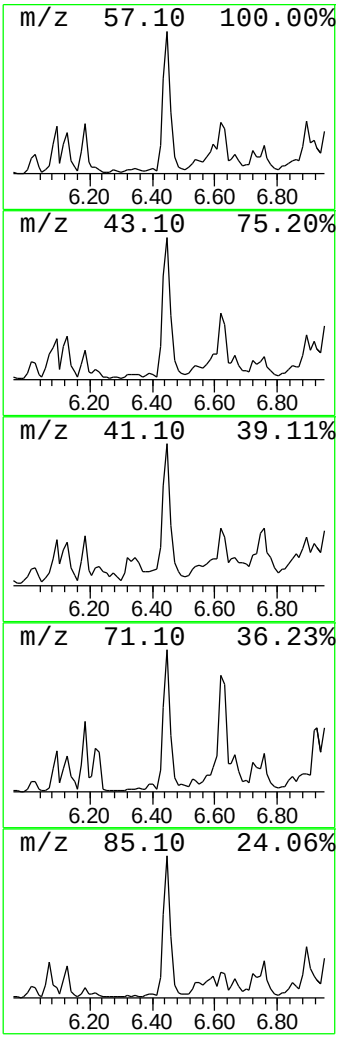
****

Peak Number 7 1-Octanol, 2-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	188.64 ng	7342900	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Decane	142	C10H22	000124-18-5	64
4	Undecane	156	C11H24	001120-21-4	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Sample : G3350-01
Misc :
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Instrument : BNA_F
ClientSampleId : A-PIPE(4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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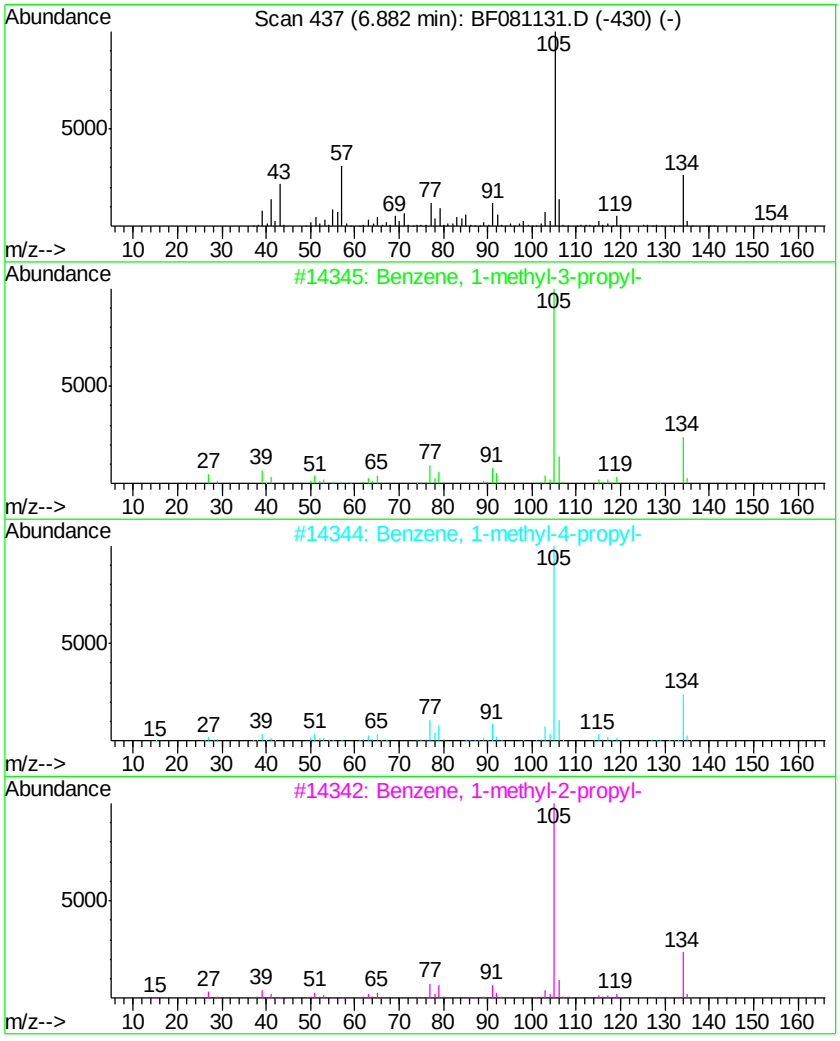
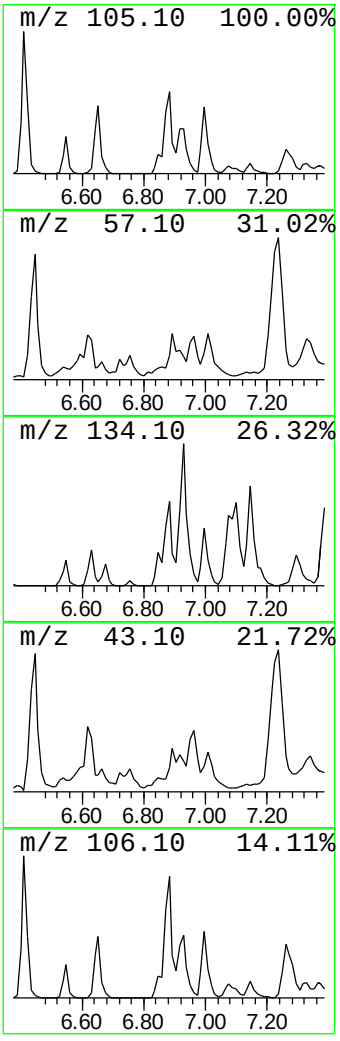
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	188.26 ng	7327950	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58





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ClientSampleId : A-PIPE(4)

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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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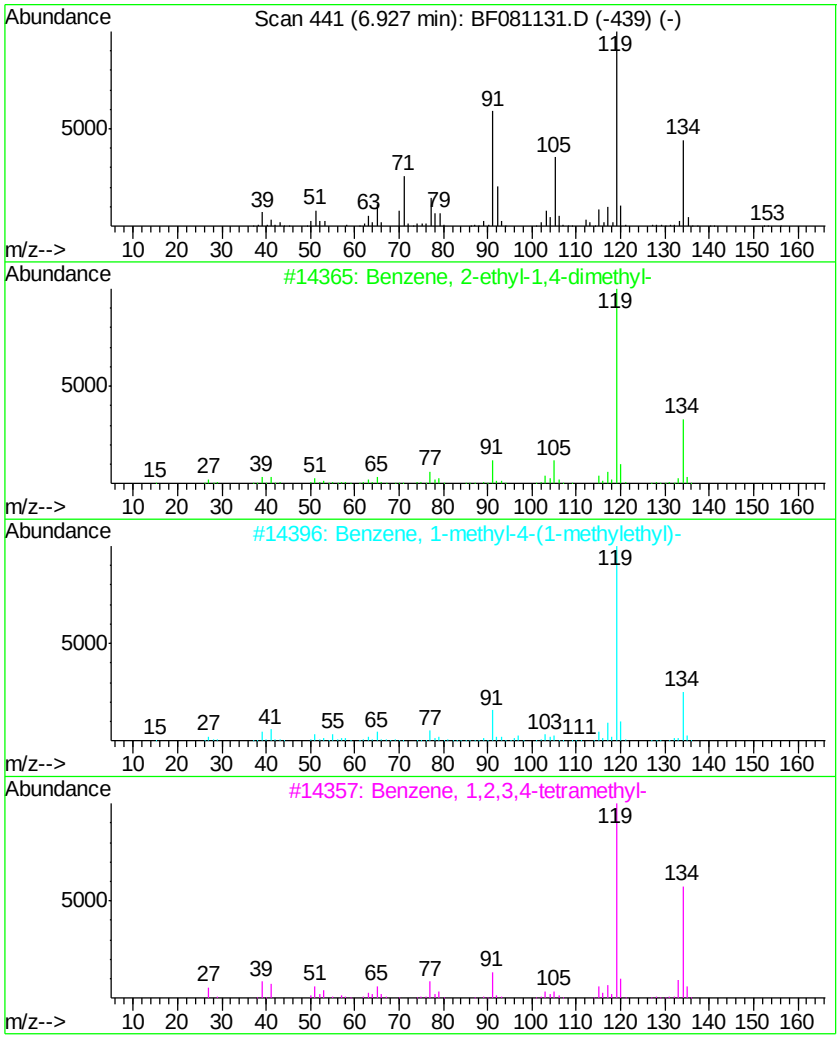
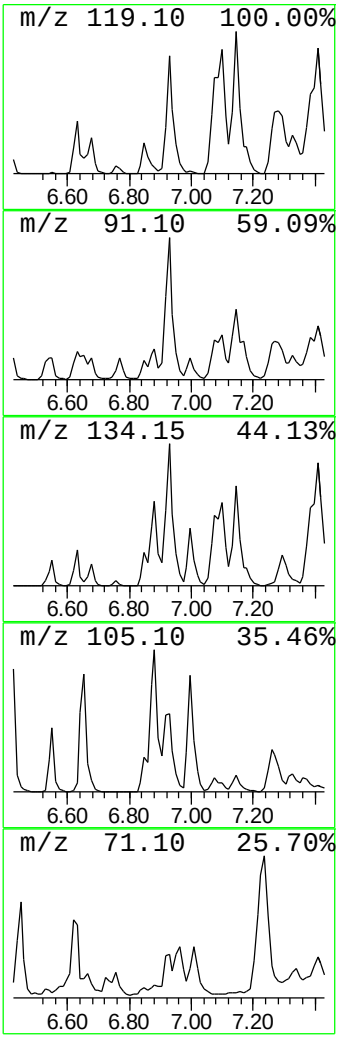
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	74.15 ng	2886180	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	89
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76





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ClientSampleId : A-PIPE(4)

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TIC Integration Parameters: LSCINT.P

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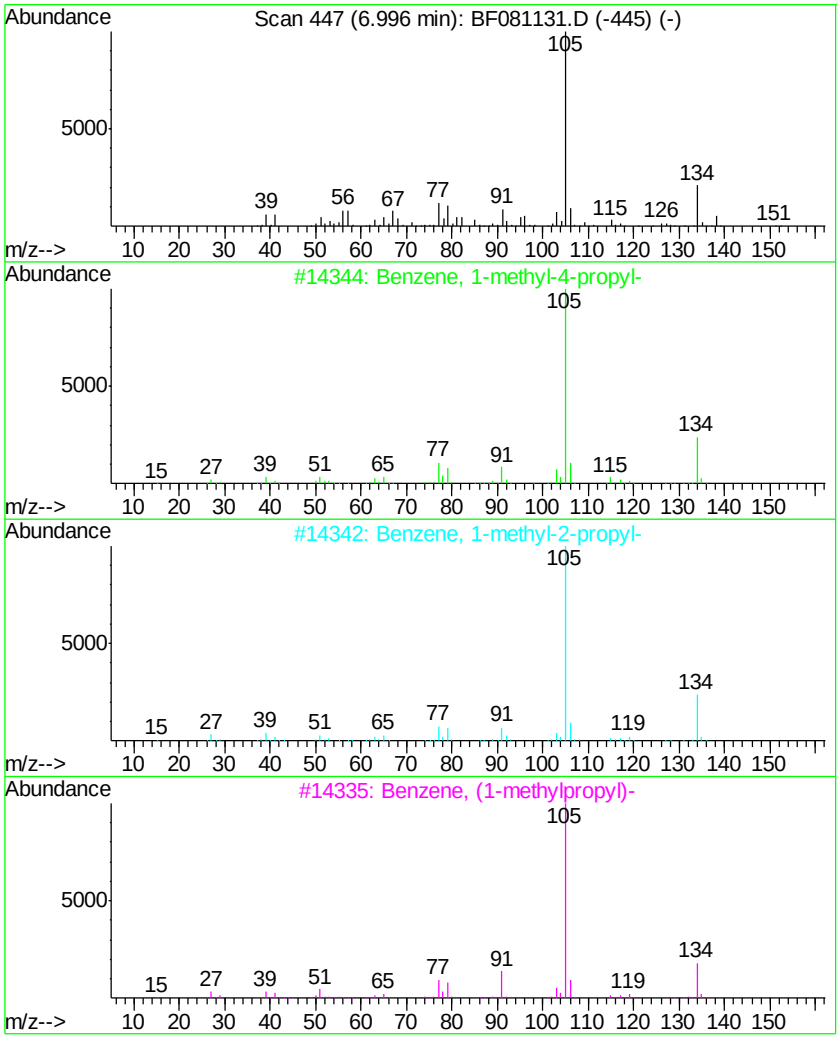
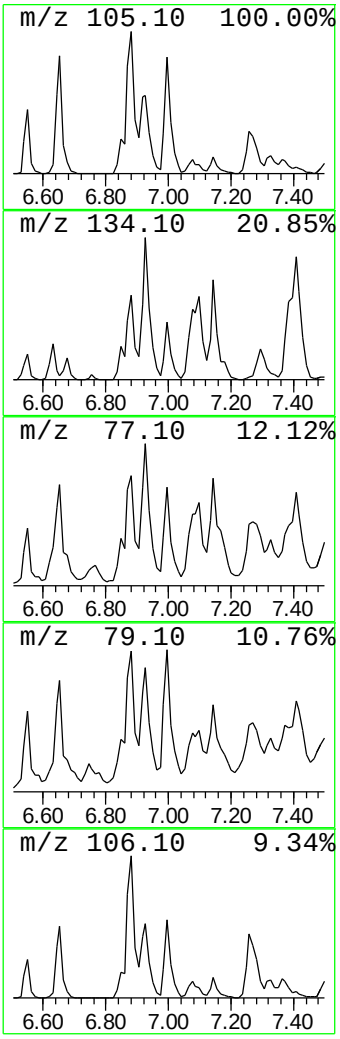
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	121.79 ng	4740800	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64





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ClientSampleId : A-PIPE(4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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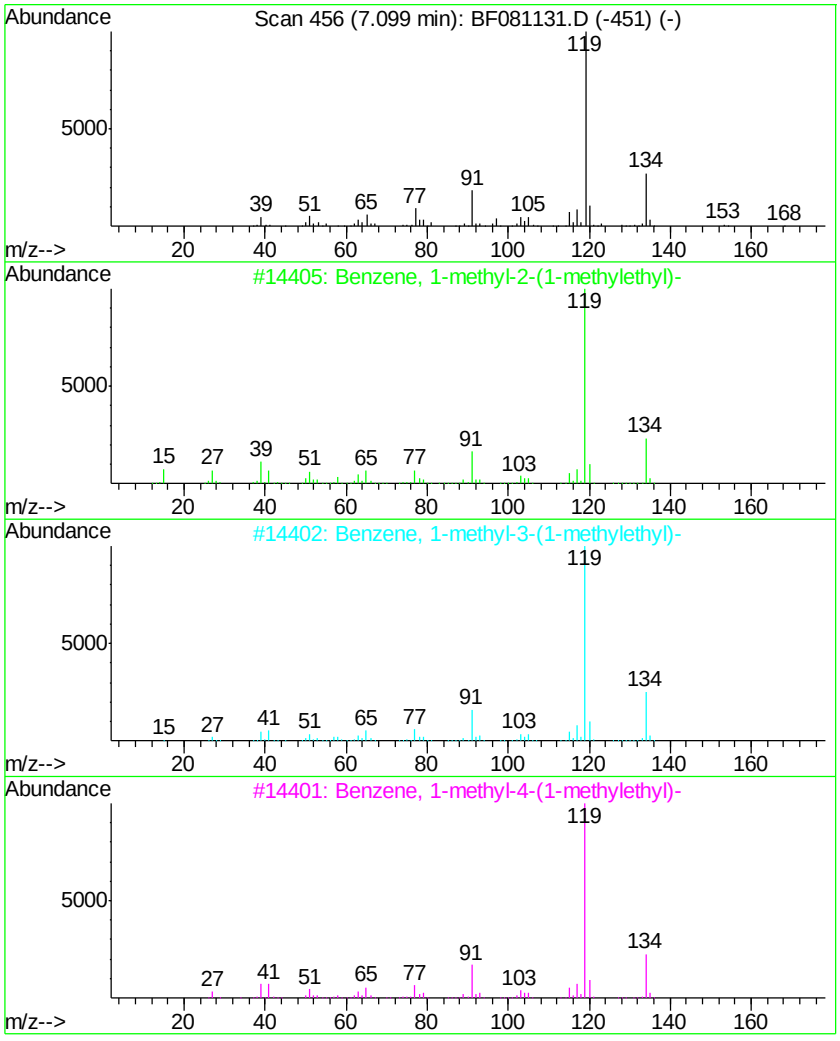
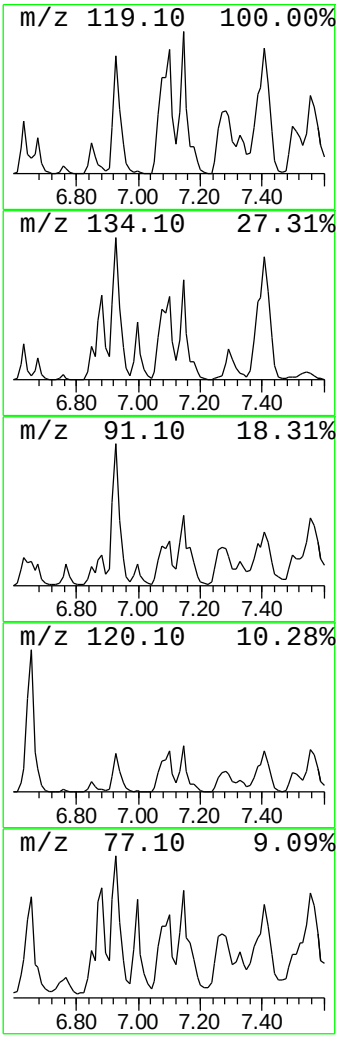
Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	82.12 ng	3196430	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	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





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TIC Library : C:\DATABASE\NIST02.L
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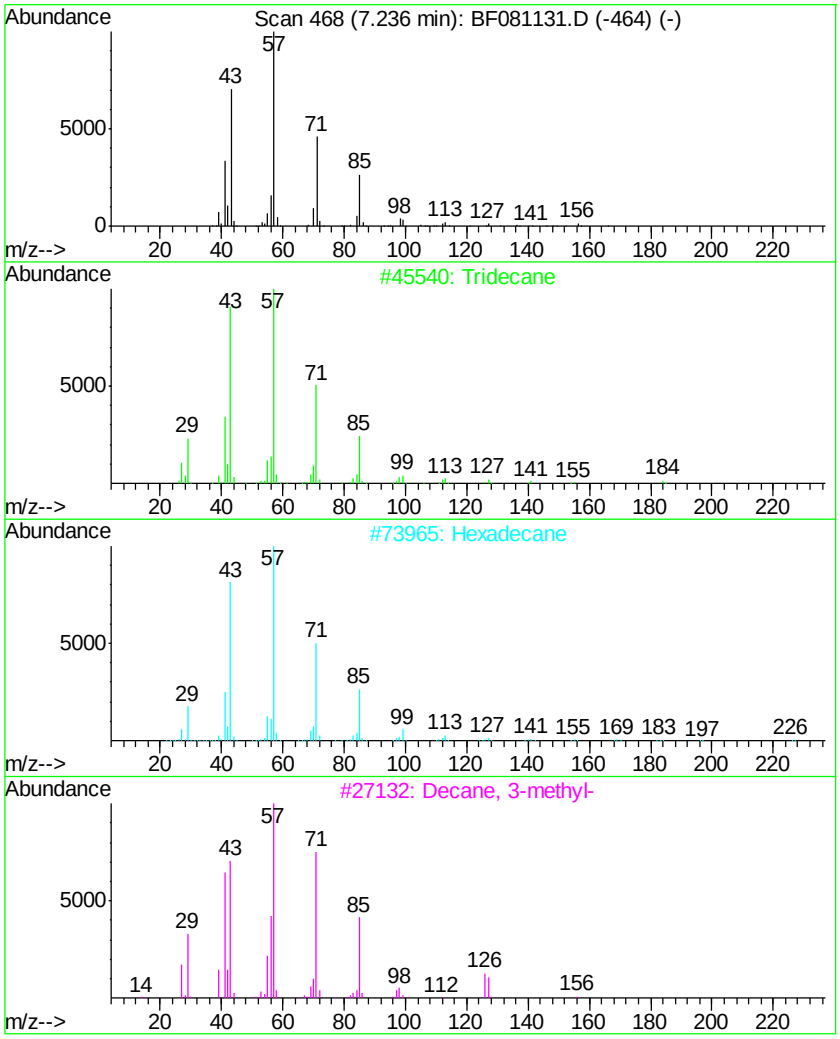
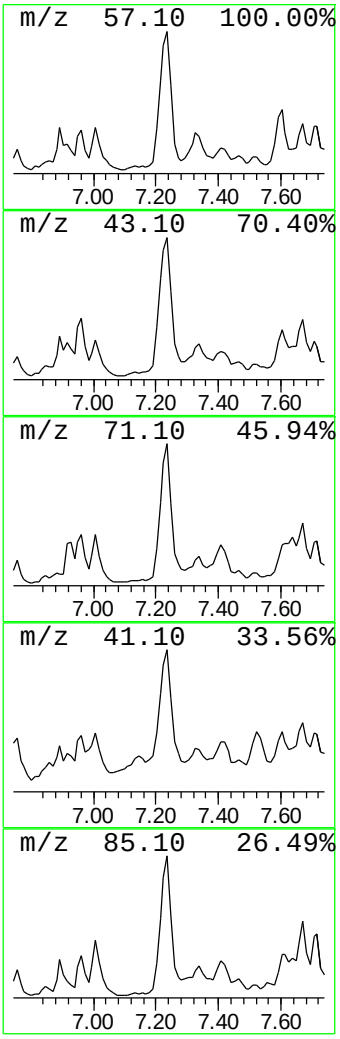
Peak Number 13 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	274.06 ng	10667800	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Decane, 3-methyl-	156	C11H24	013151-34-3	72
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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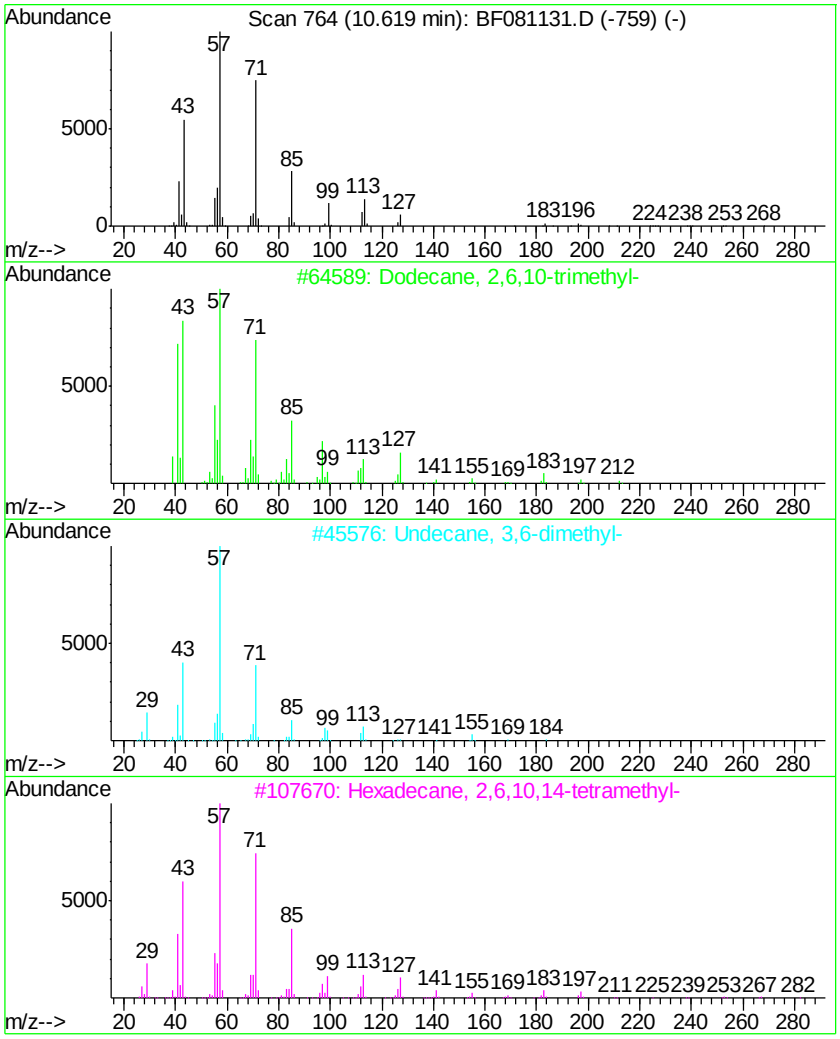
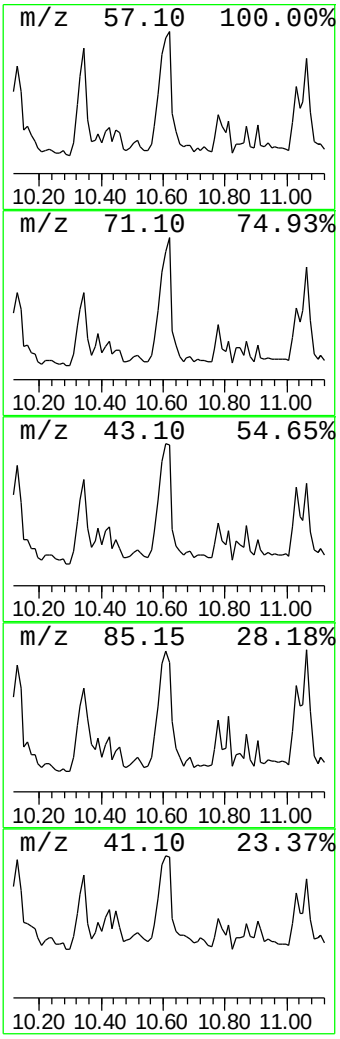
Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	118.72 ng	6757770	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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Misc :
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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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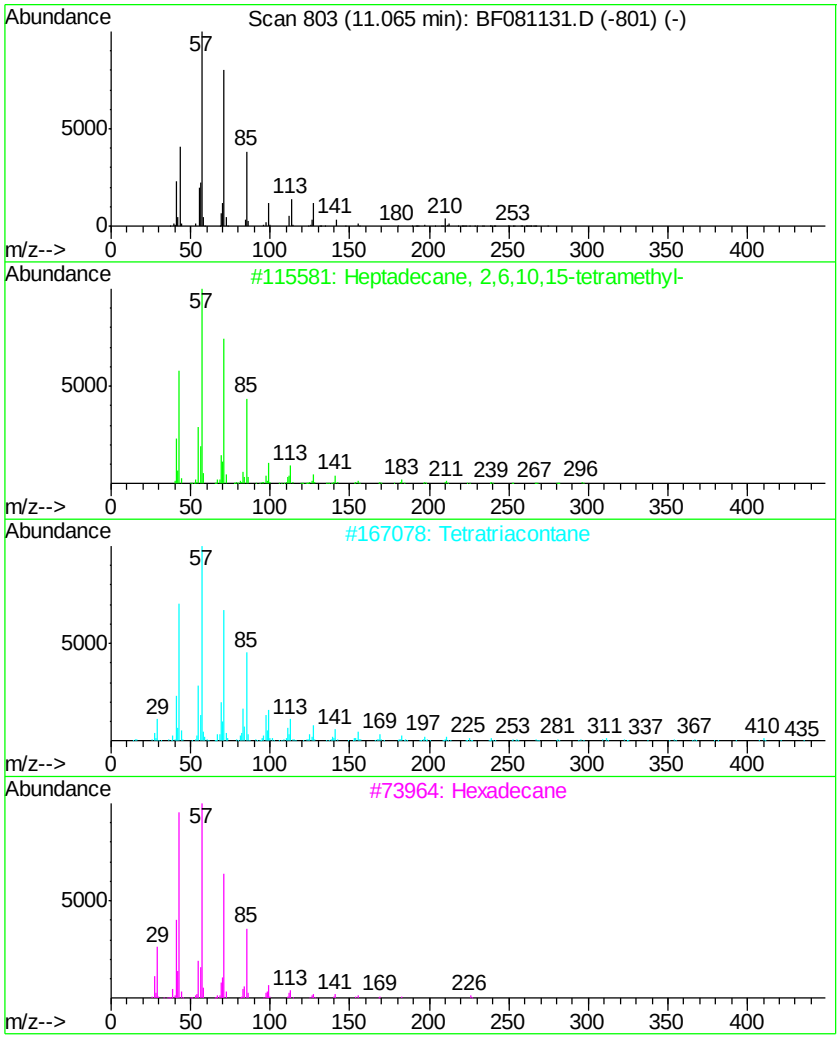
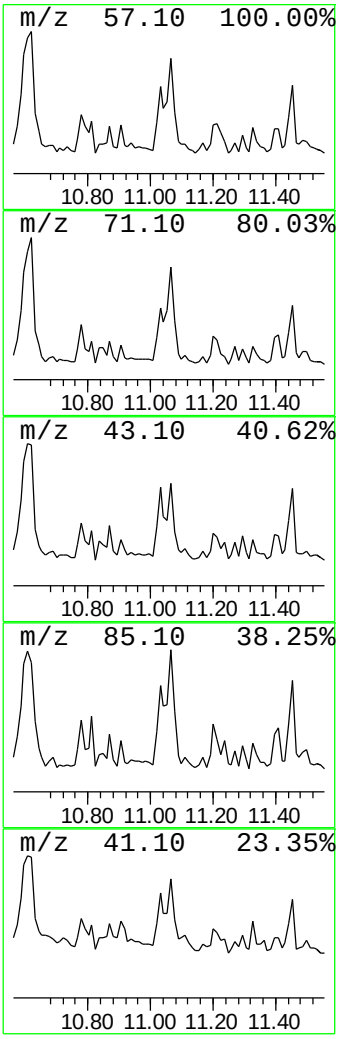
Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	62.88 ng	3579520	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tetratriacontane	479	C34H70	014167-59-0	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





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

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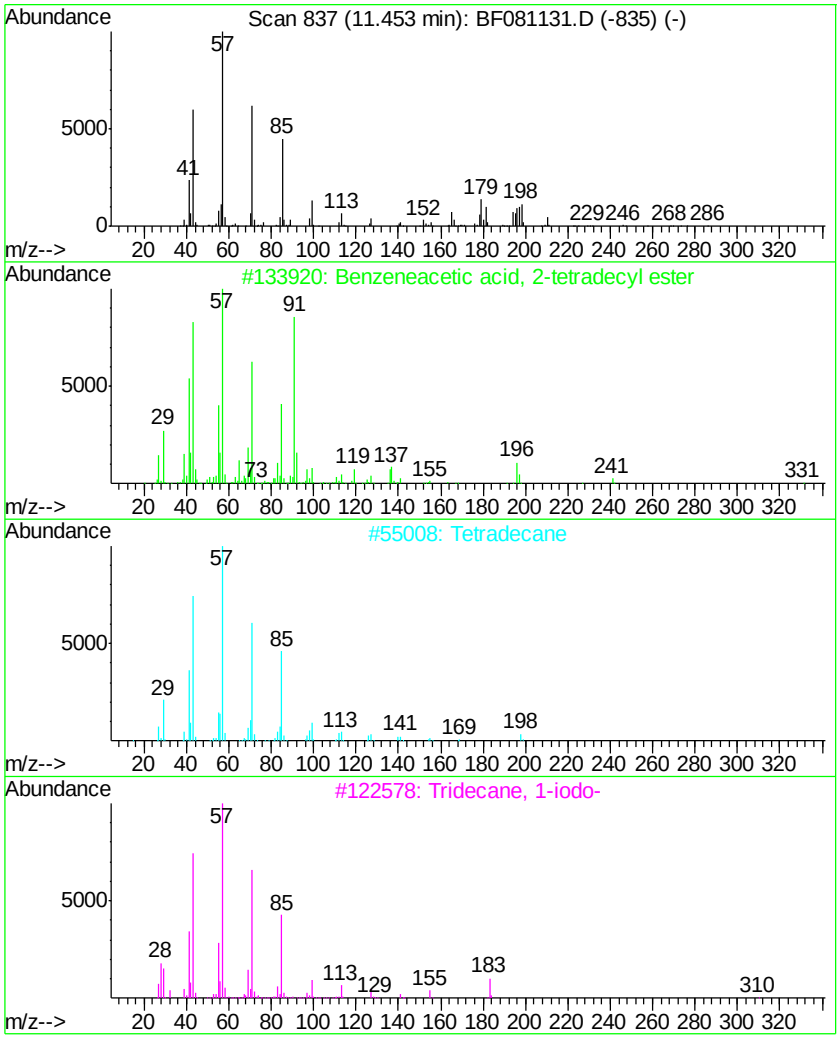
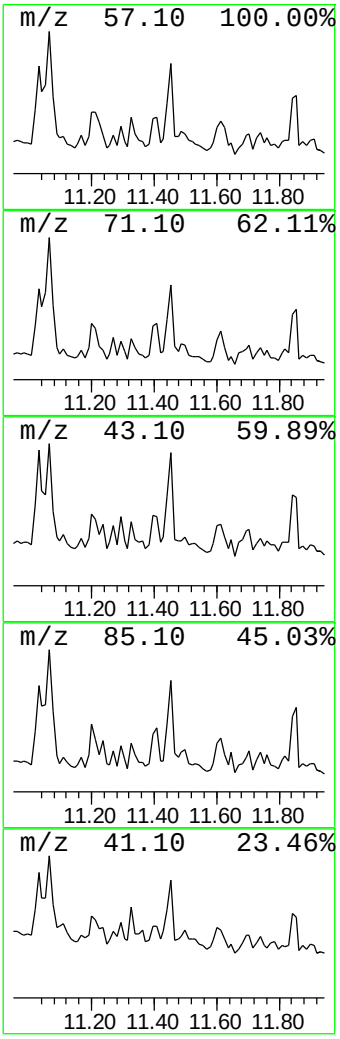
Peak Number 16 Benzeneacetic acid, 2-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	45.96 ng	2616130	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 2-tetradecyl...	332	C22H36O2	1000282-02-4	53
2	Tetradecane	198	C14H30	000629-59-4	52
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5	Octadecane	254	C18H38	000593-45-3	49





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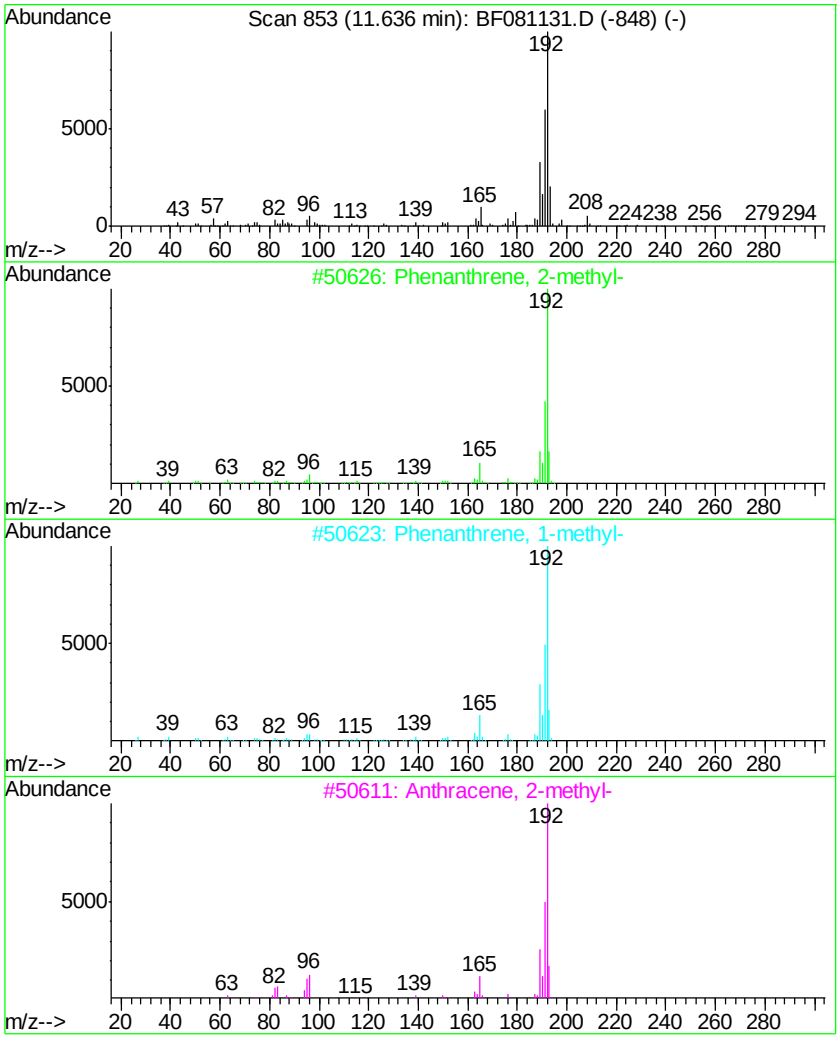
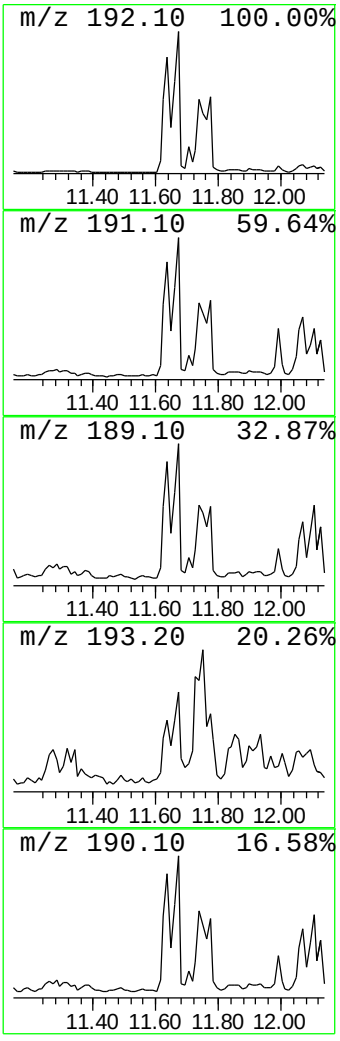
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	67.35 ng	3833490	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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TIC Library : C:\DATABASE\NIST02.L
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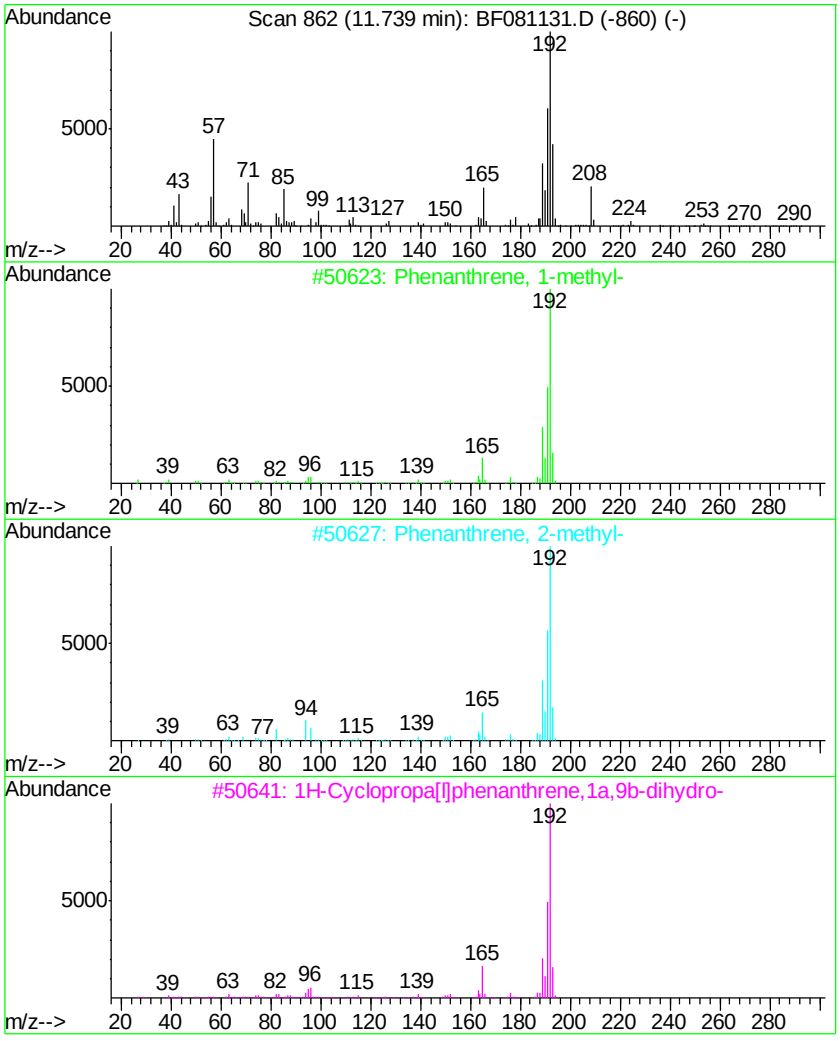
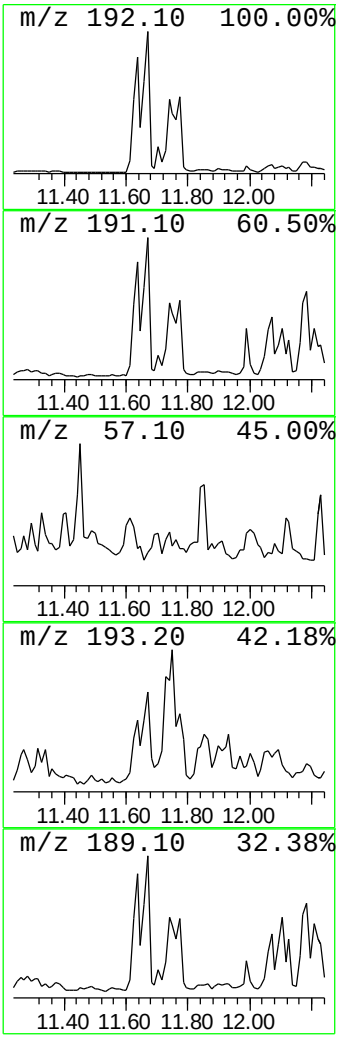
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	85.80 ng	4884150	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64





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

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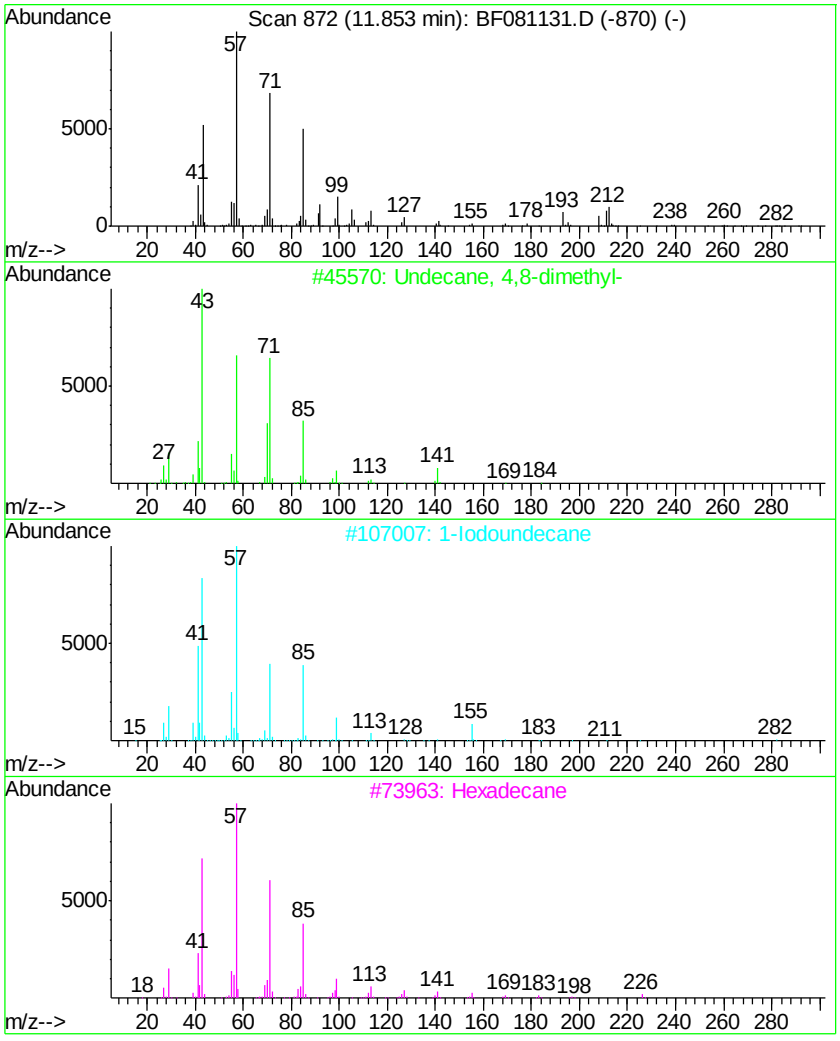
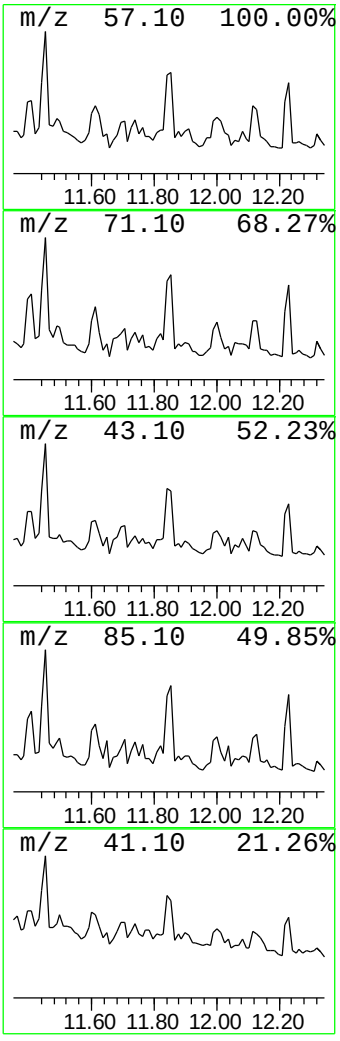
Peak Number 19 Undecane, 4,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	46.44 ng	2643670	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
2	1-Iodoundecane	282	C11H23I	004282-44-4	53
3	Hexadecane	226	C16H34	000544-76-3	49
4	Heptadecane	240	C17H36	000629-78-7	43
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38





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Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

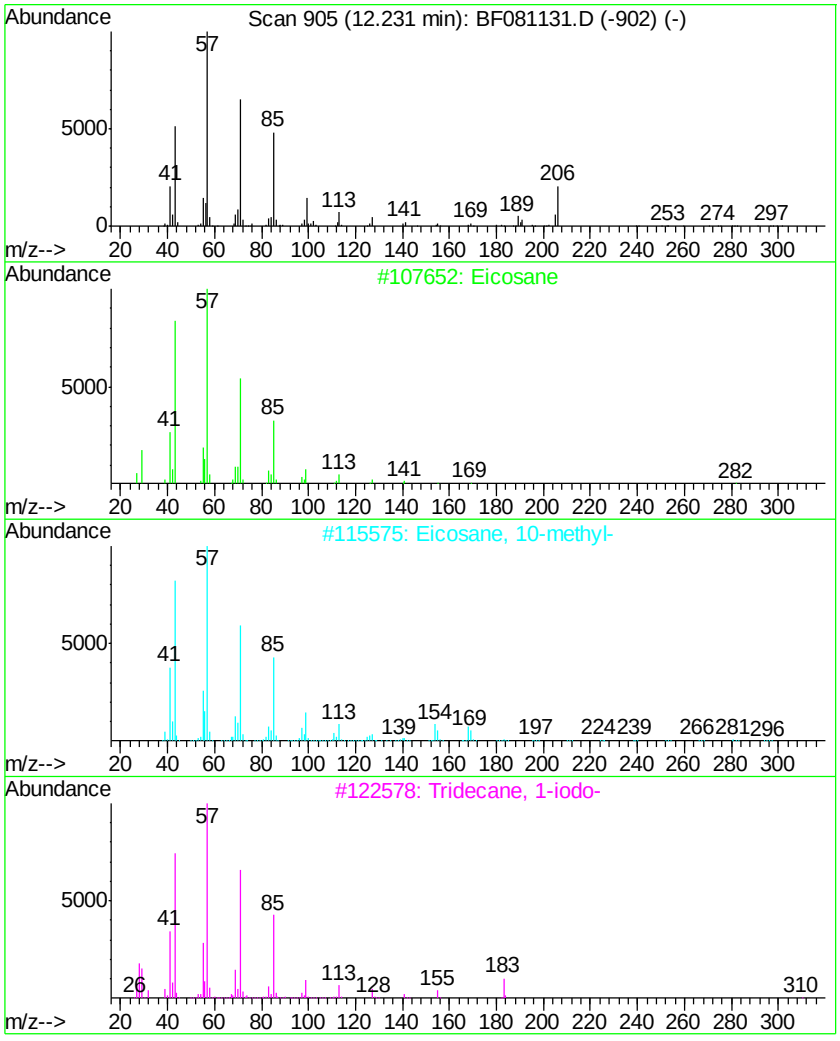
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

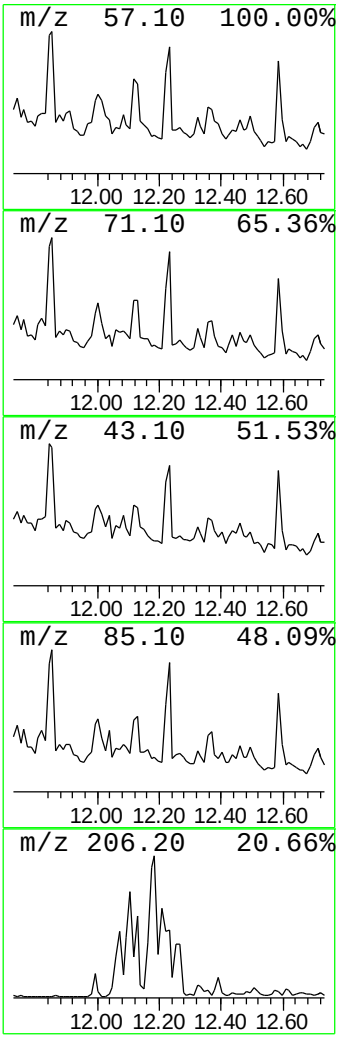
****

Peak Number 20 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	46.19 ng	2629460	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	68
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5	Pentadecane	212	C15H32	000629-62-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082015\
Data File : BF081131.D
Acq On : 20 Aug 2015 18:37
Operator : UM/IZ
Sample : G3350-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-PIPE(4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
Nonane	5.46	75.5	ng	2937150	1	6.58	778505	20.0
Octane, 3,6-dimet...	5.82	73.5	ng	2860770	1	6.58	778505	20.0
Benzene, propyl-	6.02	53.2	ng	2069900	1	6.58	778505	20.0
Benzene, 1-ethyl-...	6.09	136.7	ng	5320610	1	6.58	778505	20.0
unknown6.34	6.34	105.6	ng	4110490	1	6.58	778505	20.0
Benzene, 1,2,3-tr...	6.41	108.0	ng	4202590	1	6.58	778505	20.0
1-Octanol, 2-butyl-	6.45	188.6	ng	7342900	1	6.58	778505	20.0
Benzene, 1-methyl...	6.88	188.3	ng	7327950	1	6.58	778505	20.0
Benzene, 2-ethyl-...	6.93	74.2	ng	2886180	1	6.58	778505	20.0
Benzene, 1-methyl...	7.00	121.8	ng	4740800	1	6.58	778505	20.0
Benzene, 1-methyl...	7.10	82.1	ng	3196430	1	6.58	778505	20.0
Tridecane	7.24	274.1	ng	10667800	1	6.58	778505	20.0
Dodecane, 2,6,10-...	10.62	118.7	ng	6757770	4	11.13	1138440	20.0
Heptadecane, 2,6,...	11.06	62.9	ng	3579520	4	11.13	1138440	20.0
Benzeneacetic aci...	11.45	46.0	ng	2616130	4	11.13	1138440	20.0
Phenanthrene, 2-m...	11.64	67.3	ng	3833490	4	11.13	1138440	20.0
Phenanthrene, 1-m...	11.74	85.8	ng	4884150	4	11.13	1138440	20.0
Undecane, 4,8-dim...	11.85	46.4	ng	2643670	4	11.13	1138440	20.0
Eicosane	12.23	46.2	ng	2629460	4	11.13	1138440	20.0