LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

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-BF041516.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	3.847	148	154	157	rBV2	571866	1073920	6.45%	0.269%
2	4.476	206	209	214	rVB2	957098	1311112	7.87%	0.329%
3	5.013	253	256	259	rVB2	858165	1256140	7.54%	0.315%
4	5.276	276	279	283	rBV	1046259	1468773	8.82%	0.368%
5	5.344	283	285	288	rBV2	876251	1386923	8.33%	0.348%
6	5.470	292	296	299	rVB2	2567720	4800326	28.82%	1.203%
7	5.642	309	311	314	rBV	758000	1291972	7.76%	0.324%
8	5.722	316	318	322	rVB2	1907791	3032333	18.21%	0.760%
9	5.790	322	324	327	rVB	4775680	4551938	27.33%	1.141%
10	5.904	330	334	336	rBV	1396269	1779257	10.68%	0.446%
11	5.939	336	337	343	rBV4	508547	1436489	8.63%	0.360%
12	6.042	343	346	348	rVB2	1580795	2486733	14.93%	0.623%
13	6.087	348	350	353	rBV2	644251	1499140	9.00%	0.376%
14	6.133	353	354	357	rVB2	3330540	3863585	23.20%	0.969%
15	6.213	360	361	368	rVB5	667039	2241177	13.46%	0.562%
16	6.327	368	371	374	rBV2	1731811	3908031	23.47%	0.980%
17	6.419	374	379	383	rVB4	4683890	11381637	68.34%	2.853%
18	6.487	383	385	388	rBV	3464939	4028281	24.19%	1.010%
19	6.579	391	393	395	rVB	2023391	2927190	17.58%	0.734%
20	6.636	395	398	402	rBV3	1593866	4414919	26.51%	1.107%
21	6.739	402	407	409	rVB2	7392412	14430528	86.65%	3.617%
22	6.853	412	417	418	rBV2	1434936	3435786	20.63%	0.861%
23	6.887	418	420	421	rBV2	1835295	1686272	10.13%	0.423%
24	6.910	421	422	424	rVB2	3062407	3294491	19.78%	0.826%
25	6.956	424	426	428	rBV2	2449761	3300055	19.82%	0.827%
26	7.013	428	431	432	rBV3	1061164	1533356	9.21%	0.384%
27	7.047	432	434	435	rBV	2870093	3625461	21.77%	0.909%
28	7.173	438	445	447	rBV2	5240639	11015319	66.14%	2.761%
29	7.219	447	449	450	rBV2	3812819	4796056	28.80%	1.202%
30	7.287	453	455	457	rBV2	4950948	5303223	31.84%	1.329%
31	7.390	460	464	465	rBV	2055960	4021868	24.15%	1.008%
32	7.436	465	468	469	rBV	3933180	5859791	35.19%	1.469%
33	7.505	471	474	476	rVB	6929975	8122355	48.77%	2.036%
34	7.550	476	478	479	rVB	2657460	2988157	17.94%	0.749%

LSC Area Percent Report

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Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

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-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.585	479	481	482	rBV2	1521337	1423554	8.55%	0.357%
36	7.619	482	484	486	rVB3	1779842	2104847	12.64%	0.528%
37	7.699	486	491	494	rVB3	3423869	8237090	49.46%	2.065%
38	7.825	496	502	504	rBV6	3207366	11502661	69.07%	2.884%
39	7.870	504	506	507	rVB2	2619455	2973358	17.85%	0.745%
40	7.905	507	509	511	rBV2	3646598	5918196	35.54%	1.484%
41	7.939	511	512	514	rVB2	3477237	3840280	23.06%	0.963%
42	7.985	514	516	517	rBV2	2314527	2539689	15.25%	0.637%
43	8.019	517	519	521	rVB2	2836881	4549508	27.32%	1.140%
44	8.053	521	522	524	rBV	2078249	1904645	11.44%	0.477%
45	8.088	524	525	527	rVB	1748512	1329645	7.98%	0.333%
46	8.179	527	533	534	rBV3	8810172	16653852	100.00%	4.175%
47	8.202	534	535	537	rBV2	1394503	1808312	10.86%	0.453%
48	8.248	537	539	541	rVB	2347166	3466722	20.82%	0.869%
49	8.362	545	549	550	rBV3	1821299	4156709	24.96%	1.042%
50	8.385	550	551	553	rVB2	2852903	2611782	15.68%	0.655%
51	8.430	553	555	557	rBV3	1602107	2591503	15.56%	0.650%
52	8.476	557	559	563	rVB5	3085085	6880243	41.31%	1.725%
53	8.533	563	564	566	rBV2	2944136	3355047	20.15%	0.841%
54	8.568	566	567	569	rBV2	3579884	3368052	20.22%	0.844%
55	8.613	569	571	572	rBV	3305578	3114464	18.70%	0.781%
56	8.693	576	578	579	rBV	4970890	4999186	30.02%	1.253%
57	8.785	584	586	588	rBV2	5931882	9393382	56.40%	2.355%
58	8.842	590	591	593	rVB	1218870	1416679	8.51%	0.355%
59	8.945	598	600	601	rBV2	1068353	1688979	10.14%	0.423%
60	9.013	602	606	608	rBV4	3483148	5245005	31.49%	1.315%
61	9.150	614	618	619	rVB4	2877234	5493912	32.99%	1.377%
62	9.185	619	621	622	rBV	2377601	2604538	15.64%	0.653%
63	9.208	622	623	627	rVB3	2491643	4261406	25.59%	1.068%
64	9.356	632	636	638	rBV	6909870	10221413	61.38%	2.562%
65	9.413	638	641	644	rVV2	2532648	4852562	29.14%	1.216%
66	9.516	648	650	653	rVB3	1620023	3060354	18.38%	0.767%
67	9.619	653	659	661	rBV5	2554976	8279044	49.71%	2.075%
68	9.665	661	663	667	rVV3	3356452	7987872	47.96%	2.002%
69	9.722	667	668	670	rVB	2473462	2122477	12.74%	0.532%
70	9.813	674	676	677	rBV2	910976	1242907	7.46%	0.312%
71	9.882	677	682	684	rBV	6133917	8632487	51.83%	2.164%

LSC Area Percent Report

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Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.939	684	687	688	rBV3	1915795	3587078	21.54%	0.899%
73	10.042	695	696	698	rVB2	1191425	1513811	9.09%	0.379%
74	10.111	699	702	703	rBV2	1943176	3311108	19.88%	0.830%
75	10.202	708	710	712	rVV2	2589142	3723245	22.36%	0.933%
76	10.259	714	715	718	rBV2	927768	1827419	10.97%	0.458%
77	10.385	723	726	727	rVB	5968861	7327089	44.00%	1.837%
78	10.602	741	745	747	rBV	3264024	6082515	36.52%	1.525%
79	10.648	747	749	750	rVV2	1335717	1356566	8.15%	0.340%
80	10.682	750	752	753	rVV	1522403	1608538	9.66%	0.403%
81	10.716	753	755	756	rVB	1710608	1802764	10.82%	0.452%
82	10.854	765	767	771	rVB	5742810	9090813	54.59%	2.279%
83	11.036	781	783	784	rBV	1267797	1534747	9.22%	0.385%
84	11.299	804	806	807	rBV	5453385	5734937	34.44%	1.438%
85	11.334	807	809	811	rVB	2915596	3926369	23.58%	0.984%
86	11.425	815	817	819	rBV2	801692	1341832	8.06%	0.336%
87	11.471	819	821	825	rVB2	1065706	1977950	11.88%	0.496%
88	11.676	837	839	840	rVB	963777	1139465	6.84%	0.286%
89	11.722	840	843	846	rBV	5364258	5747718	34.51%	1.441%
90	11.882	855	857	861	rBV2	1071824	2058661	12.36%	0.516%
91	12.122	876	878	881	rVB	4199907	4968416	29.83%	1.245%
92	12.271	889	891	896	rVB3	817018	2001066	12.02%	0.502%
93	12.408	901	903	904	rVV	978011	1337795	8.03%	0.335%
94	12.511	910	912	914	rVB	4813696	4316844	25.92%	1.082%
95	12.877	943	944	946	rVB	3268235	3510465	21.08%	0.880%
96	12.991	953	954	961	rVB2	633412	1453269	8.73%	0.364%
97	13.231	973	975	977	rVV	2666349	2622760	15.75%	0.657%
98	13.574	1003	1005	1008	rVB	1981634	1768271	10.62%	0.443%
99	14.042	1044	1046	1048	rVB	1526863	1388052	8.33%	0.348%
100	15.471	1168	1171	1174	rBV	1086884	1465445	8.80%	0.367%

Sum of corrected areas: 398909964

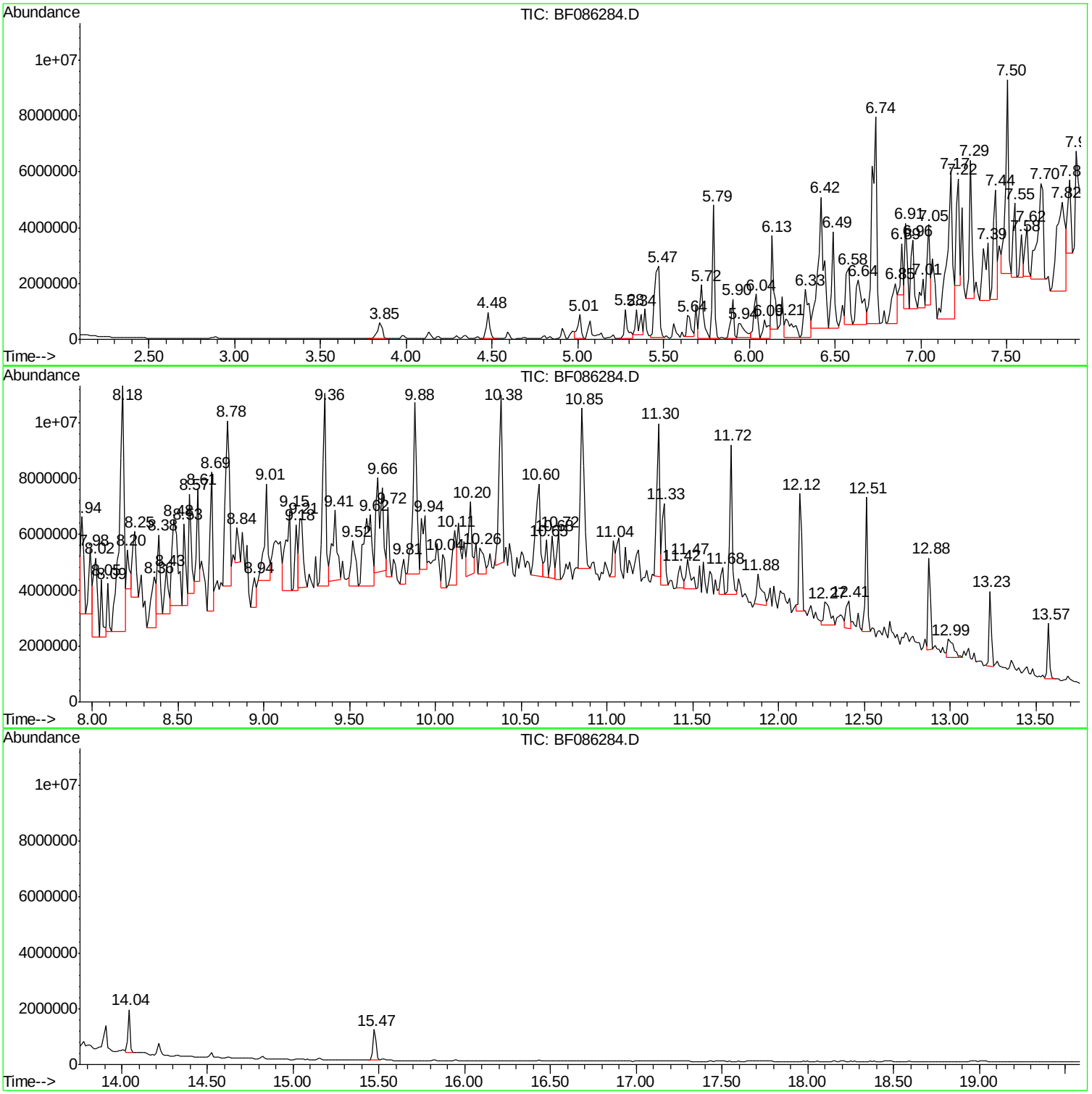
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

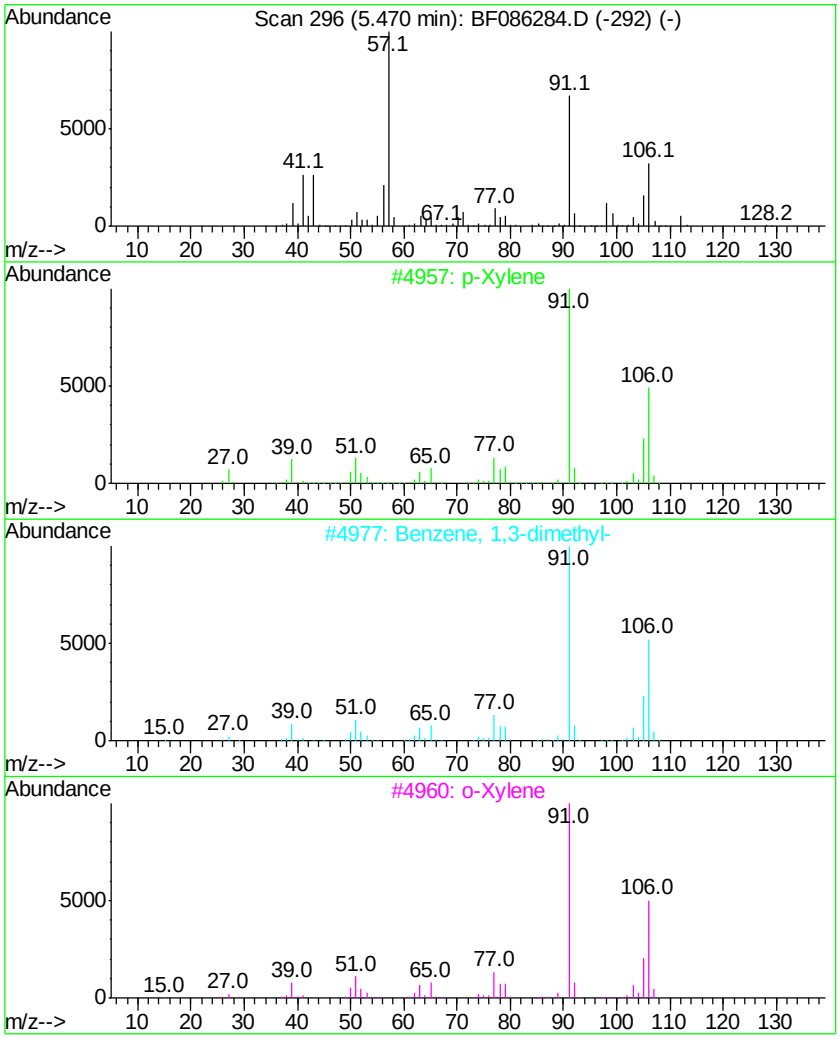
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

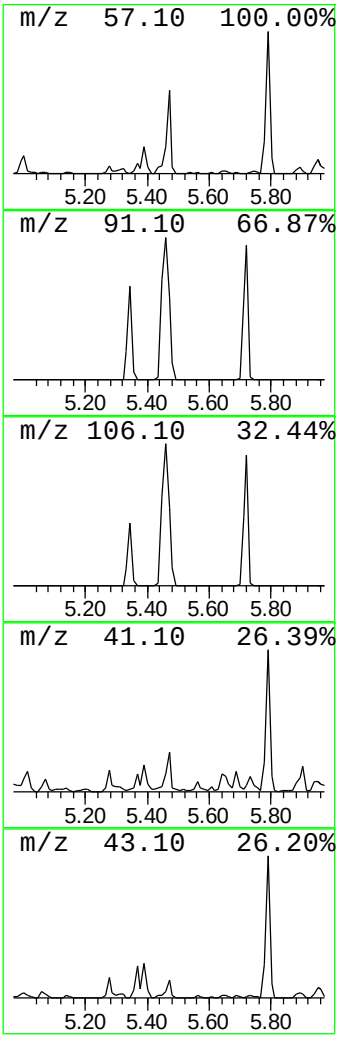
****

Peak Number 1 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	56.93 ng	4800330	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	89
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	89
3	o-Xylene	106	C8H10	000095-47-6	89
4	Octane, 3-methyl-	128	C9H20	002216-33-3	43
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

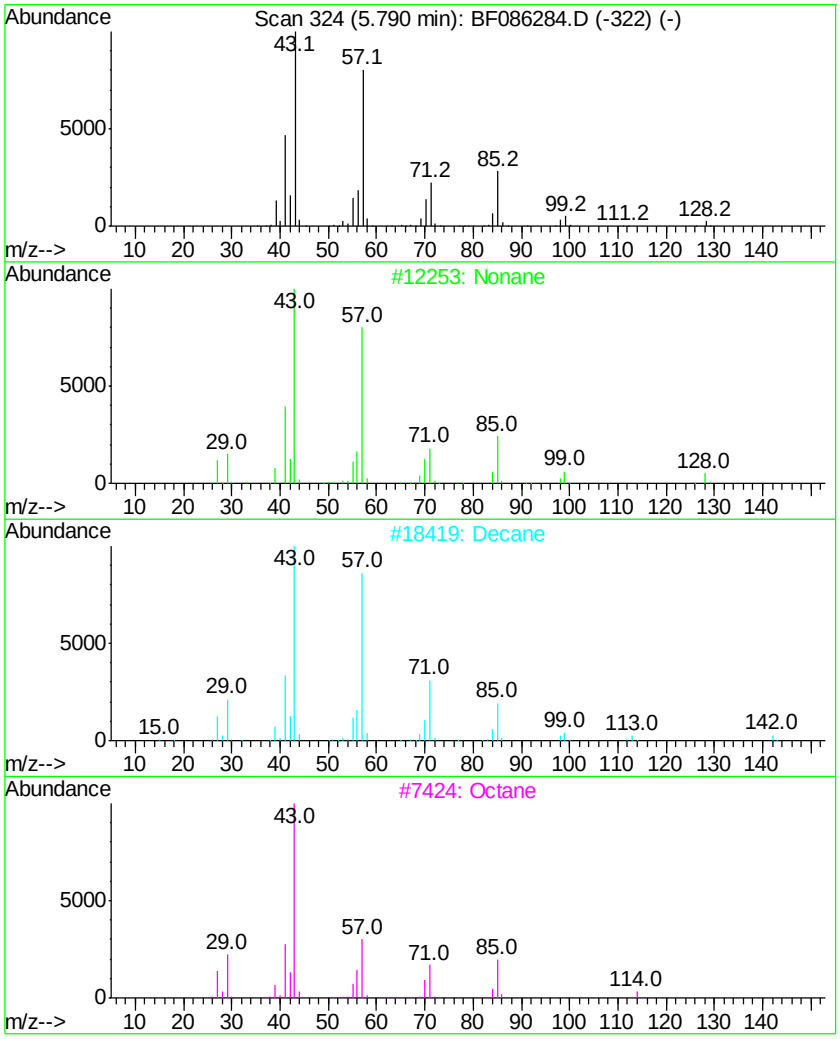
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

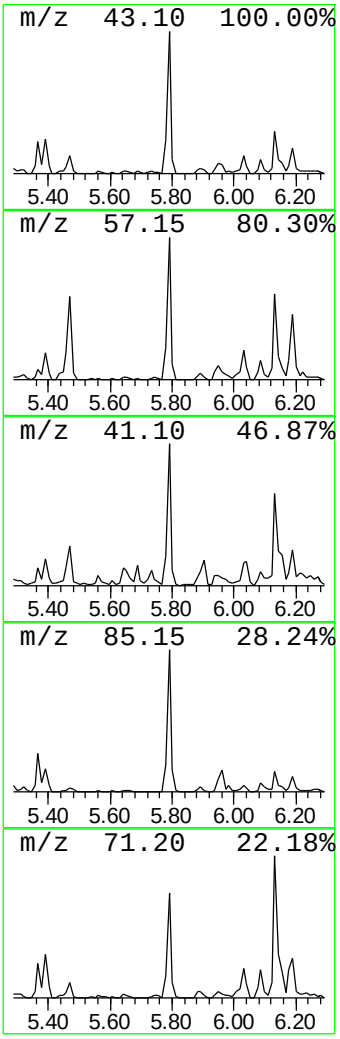
****

Peak Number 2 Nonane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	53.99 ng	4551940	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Decane	142	C10H22	000124-18-5	78
3	Octane	114	C8H18	000111-65-9	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Hexadecane	226	C16H34	000544-76-3	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
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Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

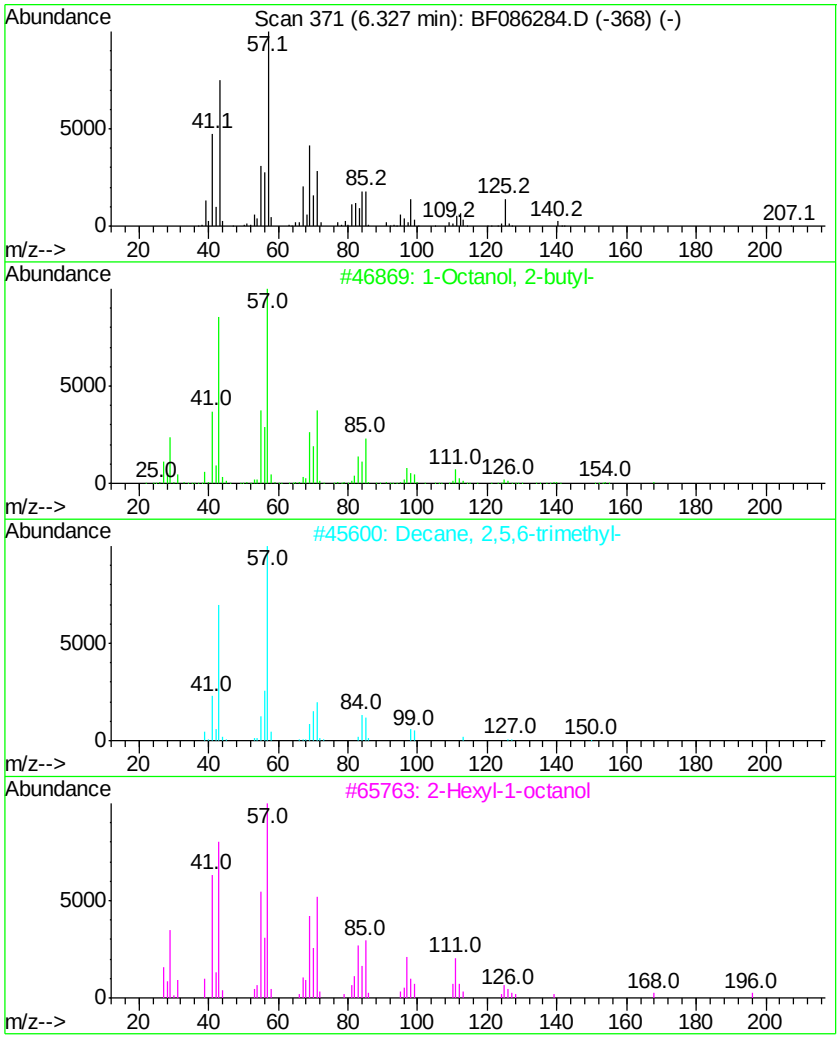
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

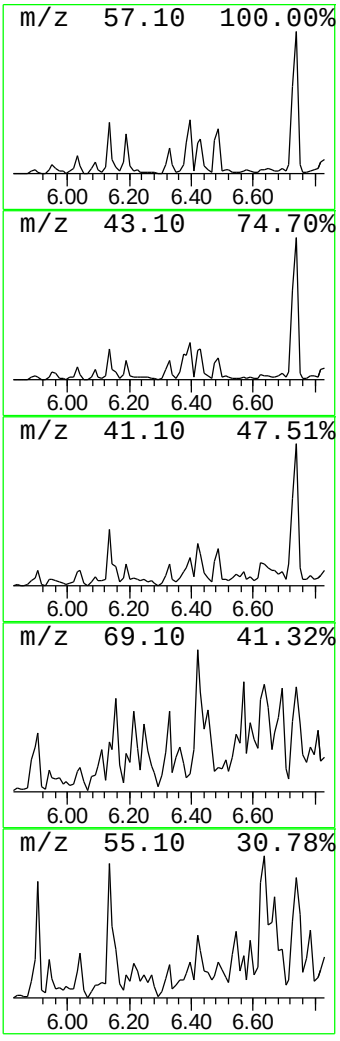
****

Peak Number 3 1-Octanol, 2-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	46.35 ng	3908030	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	47
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

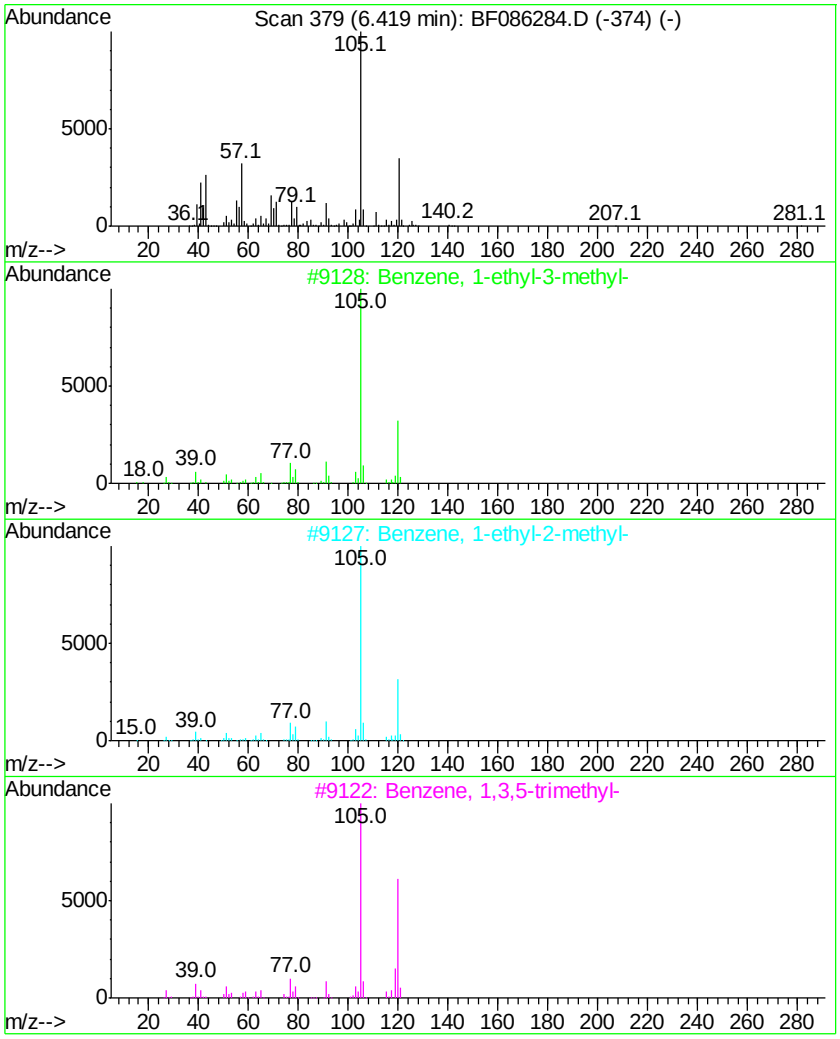
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

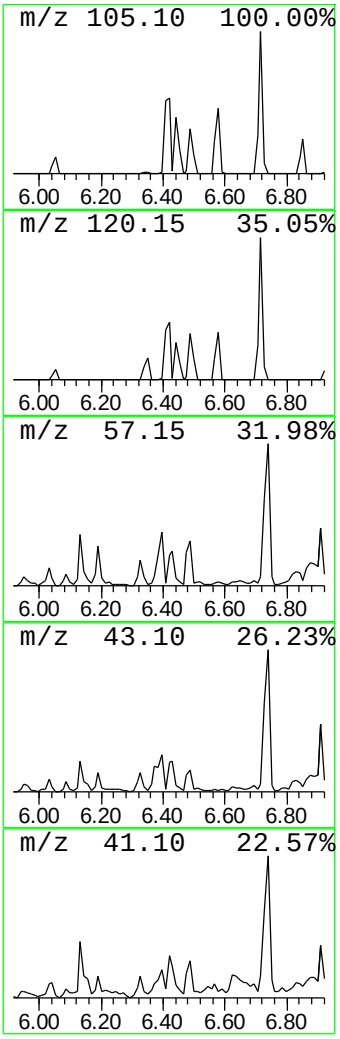
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	134.99 ng	11381600	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

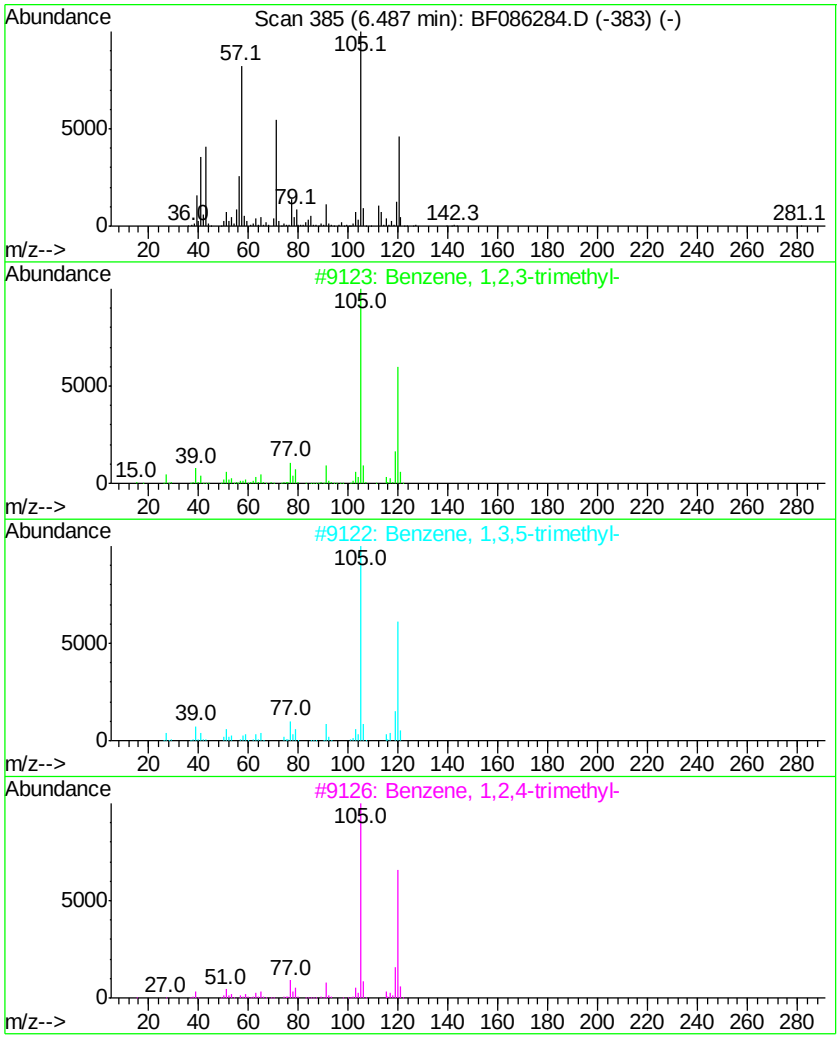
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

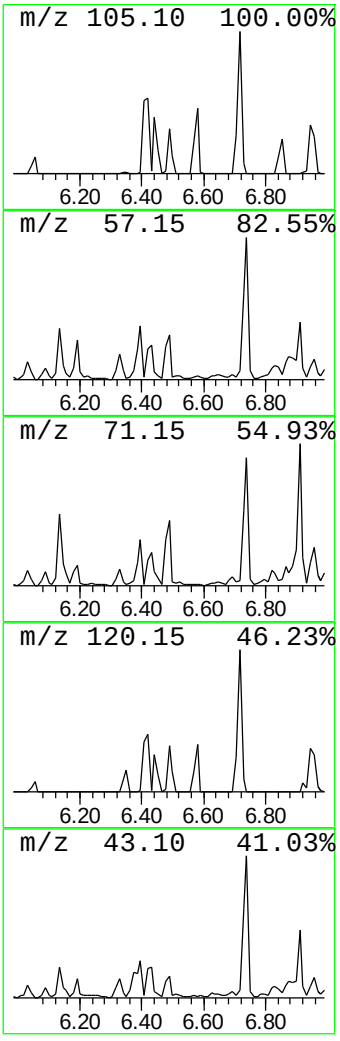
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	47.78 ng	4028280	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	89
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

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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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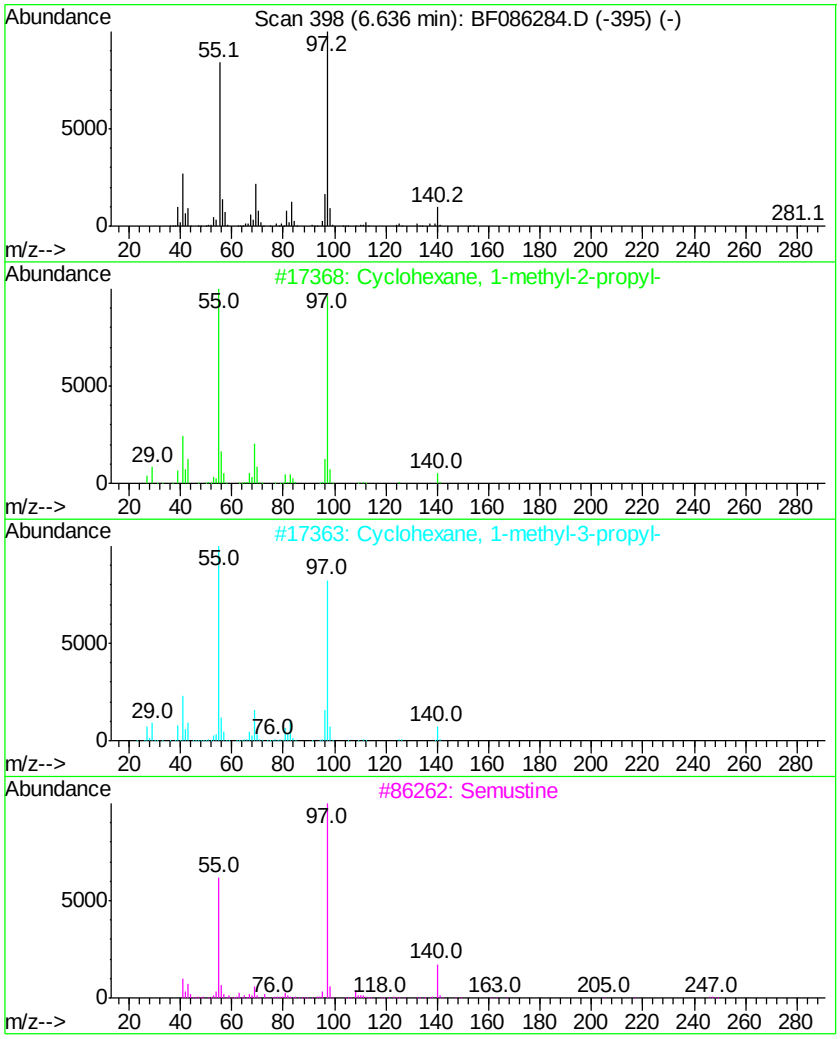
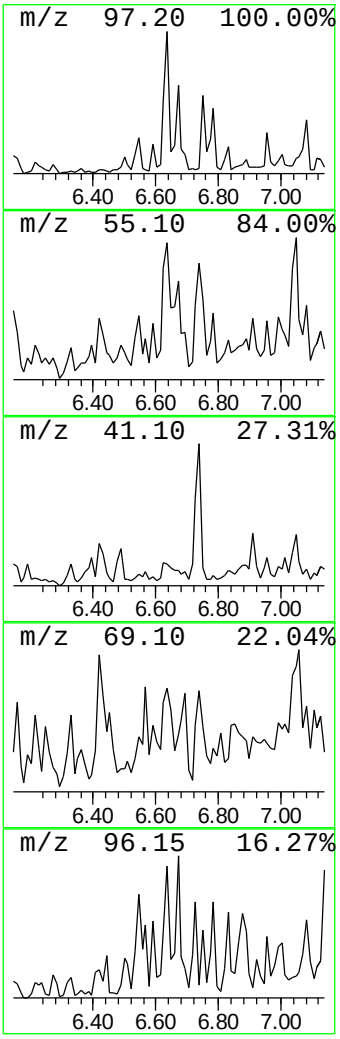
Peak Number 6 Cyclohexane, 1-methyl-2-pro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	52.36 ng	4414920	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	93
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	81
3	Semustine	247	C10H18ClN3O2	013909-09-6	64
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	59





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Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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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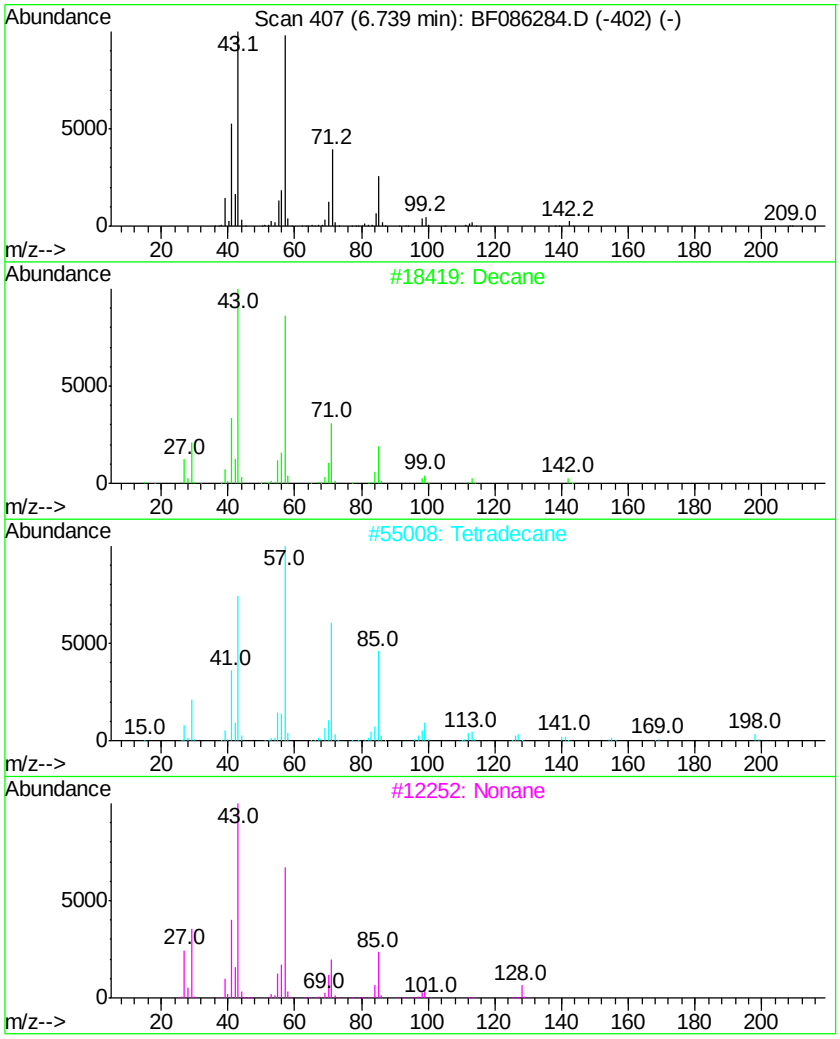
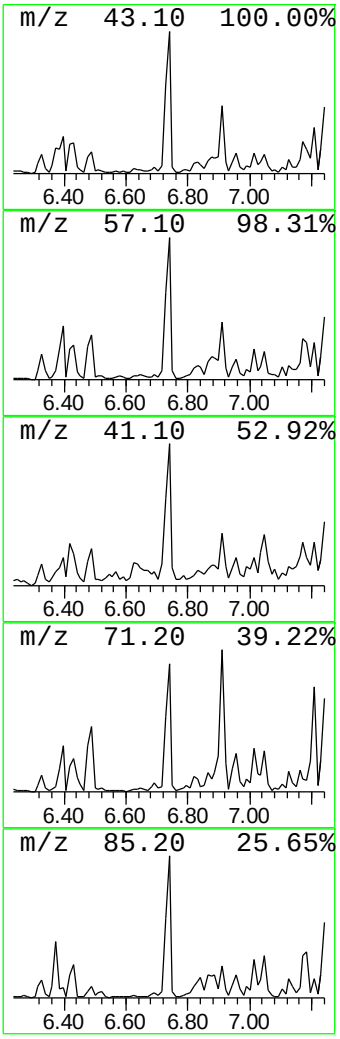
Peak Number 7 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	171.15 ng	14430500	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Nonane	128	C9H20	000111-84-2	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Hexatriacontane	507	C36H74	000630-06-8	78





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ClientSampleId : TW-1-04062016

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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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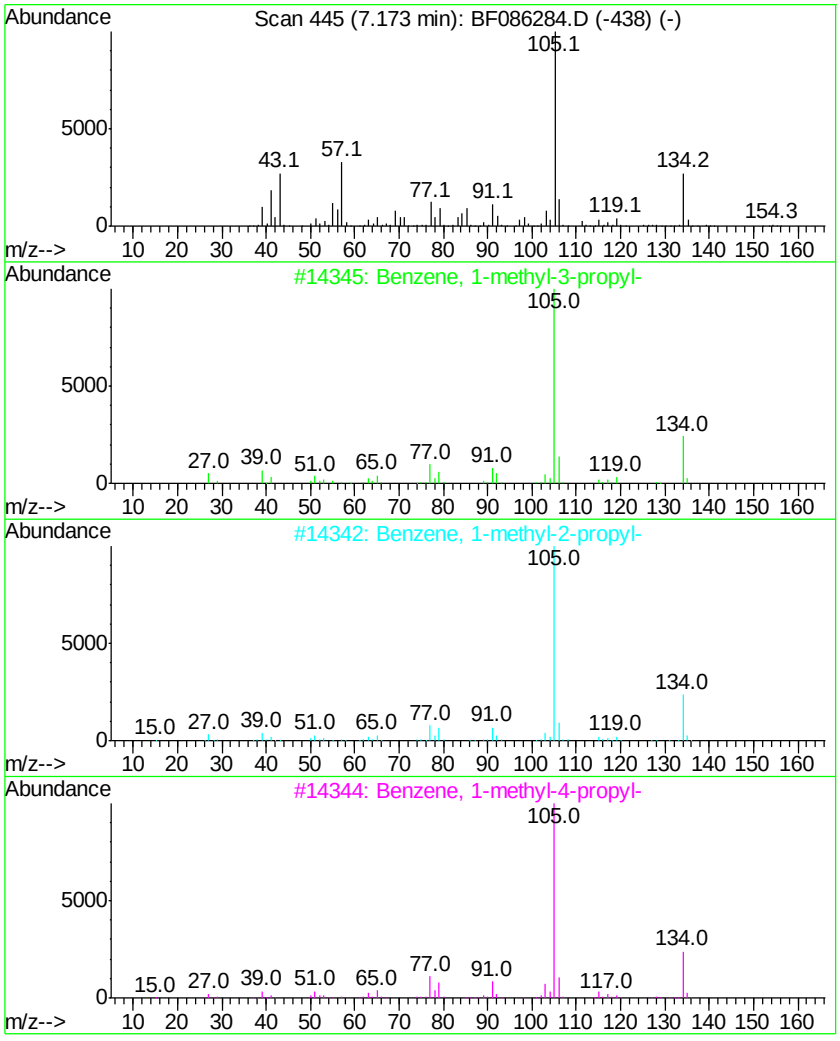
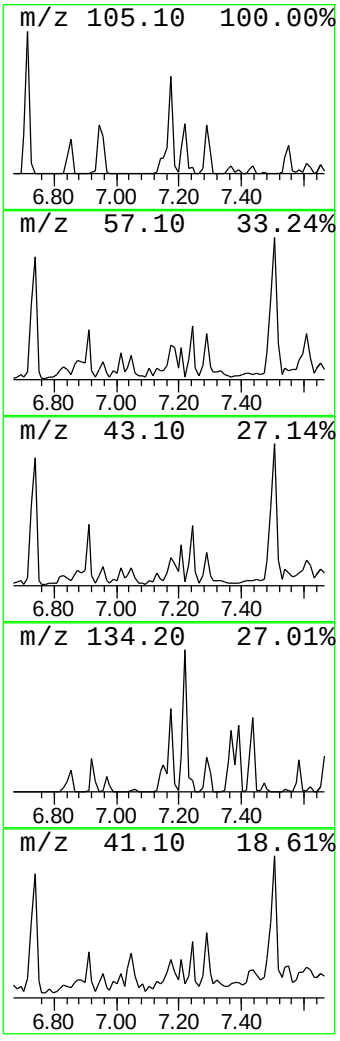
Peak Number 8 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	130.65 ng	11015300	1,4-Dichlorobenzene-d4	6.89

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-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	62
5	2-Tolyloxirane	134	C9H10O	002783-26-8	58





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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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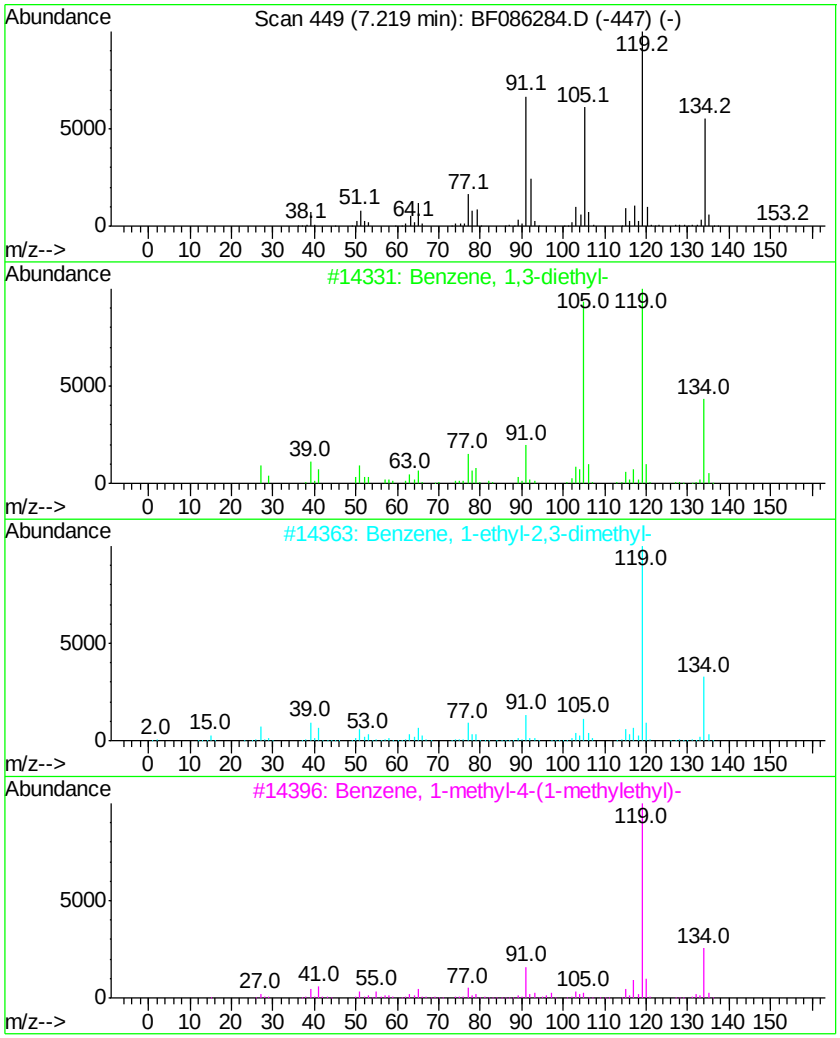
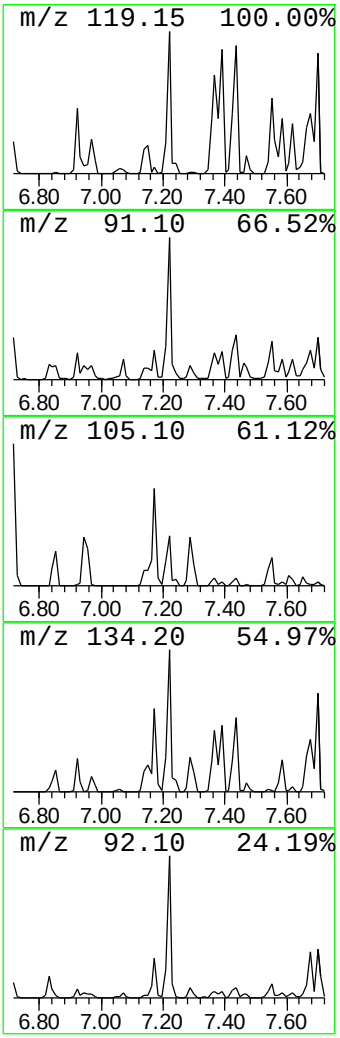
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	56.88 ng	4796060	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





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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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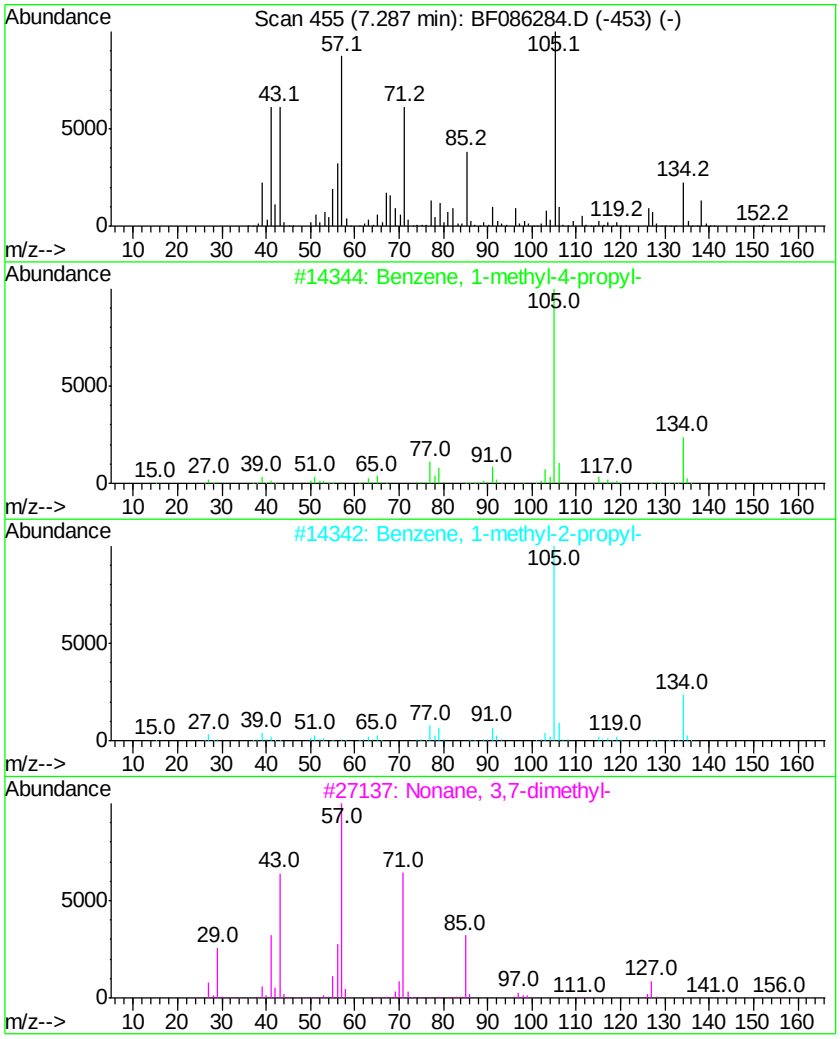
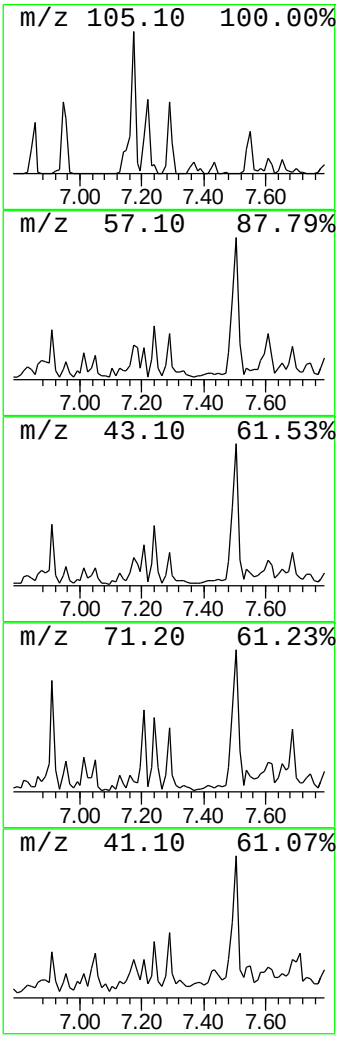
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	62.90 ng	5303220	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Decane, 3-methyl-	156	C11H24	013151-34-3	53
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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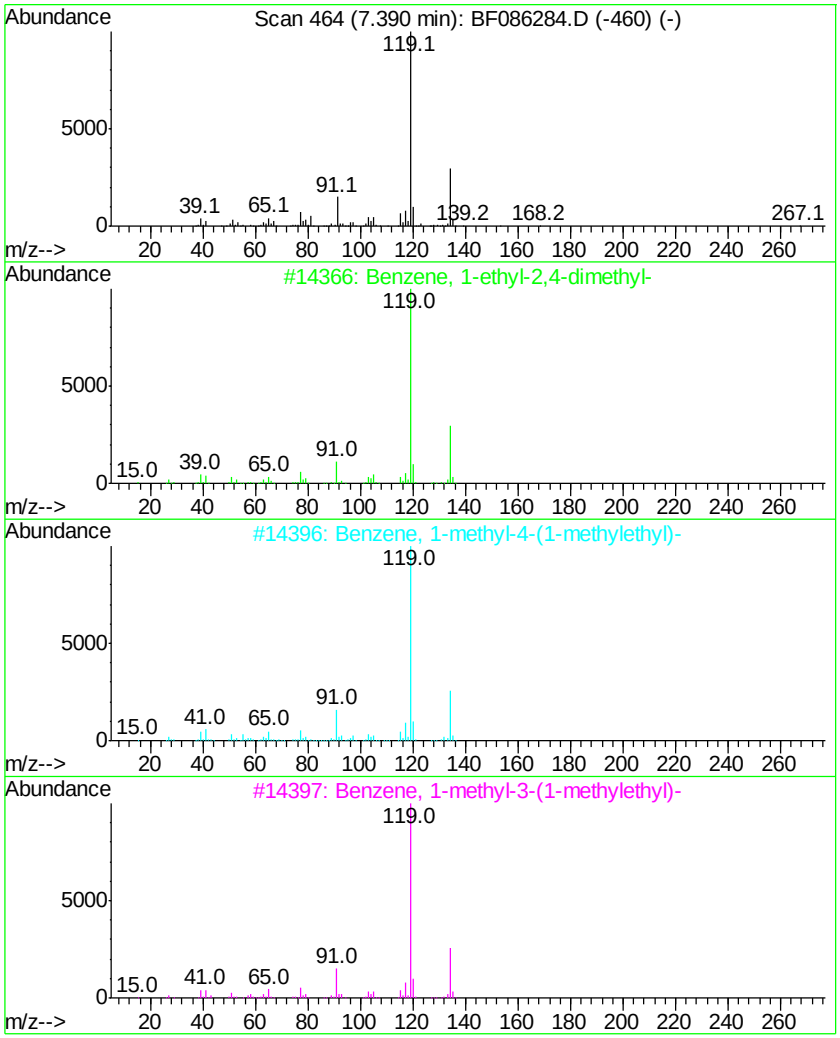
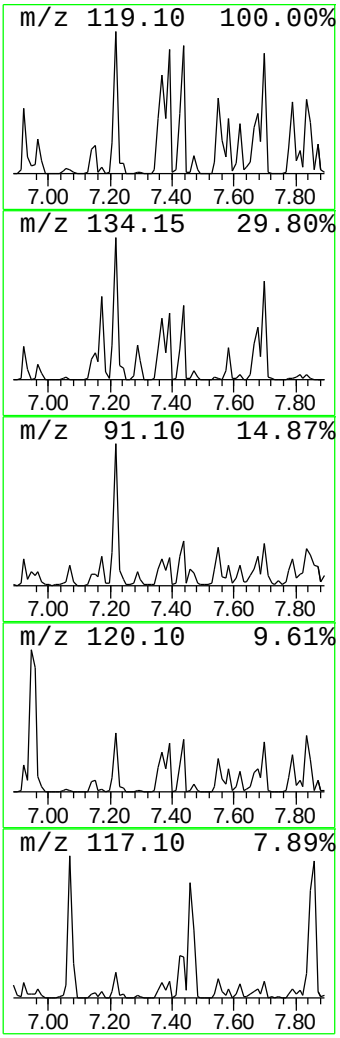
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	47.70 ng	4021870	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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ClientSampleId : TW-1-04062016

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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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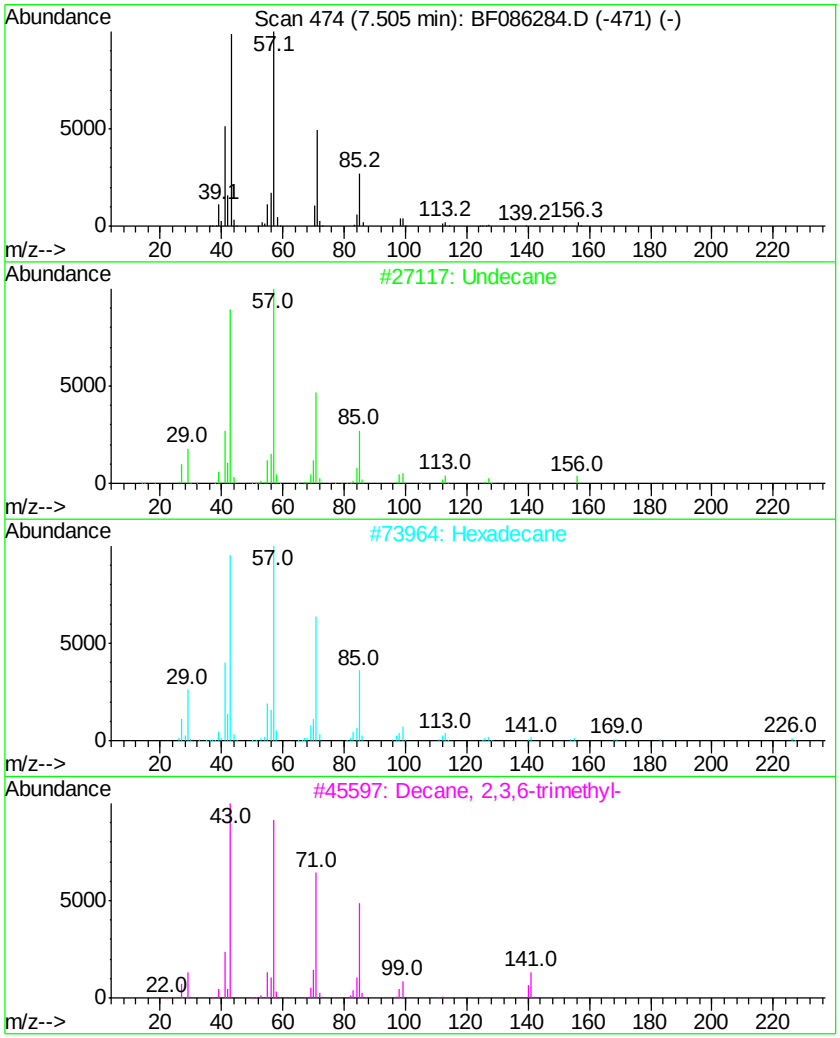
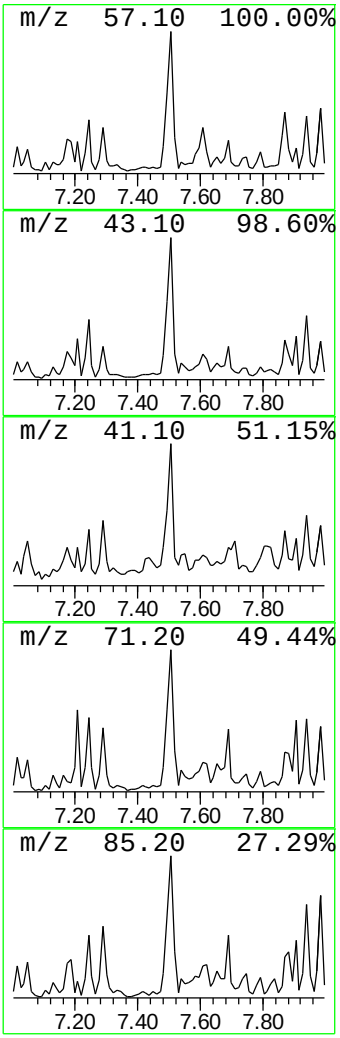
Peak Number 12 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	96.34 ng	8122360	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Tridecane	184	C13H28	000629-50-5	78





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TIC Library : C:\DATABASE\NIST02.L
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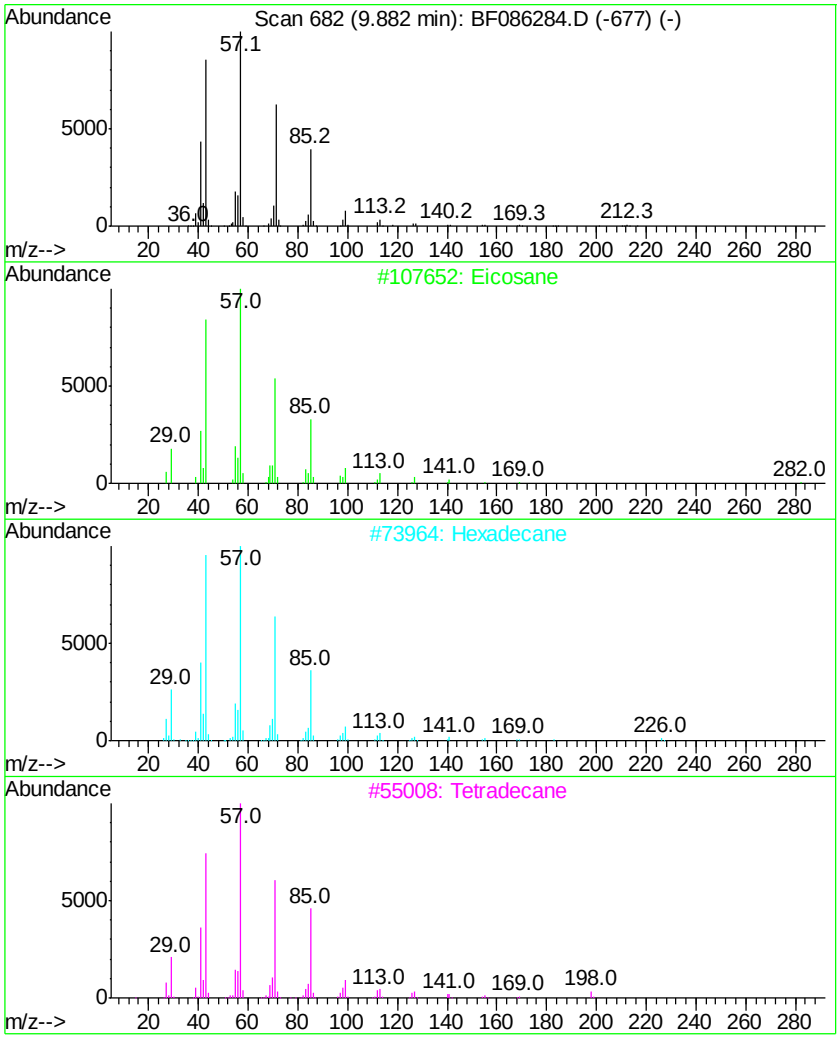
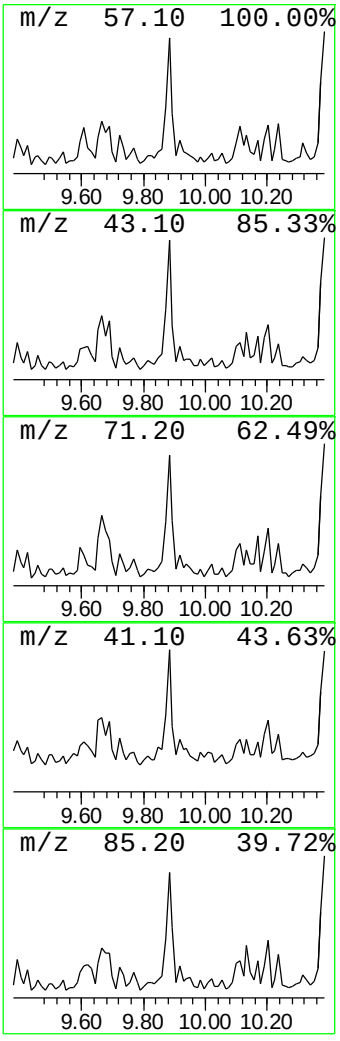
Peak Number 13 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	48.13 ng	8632490	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83





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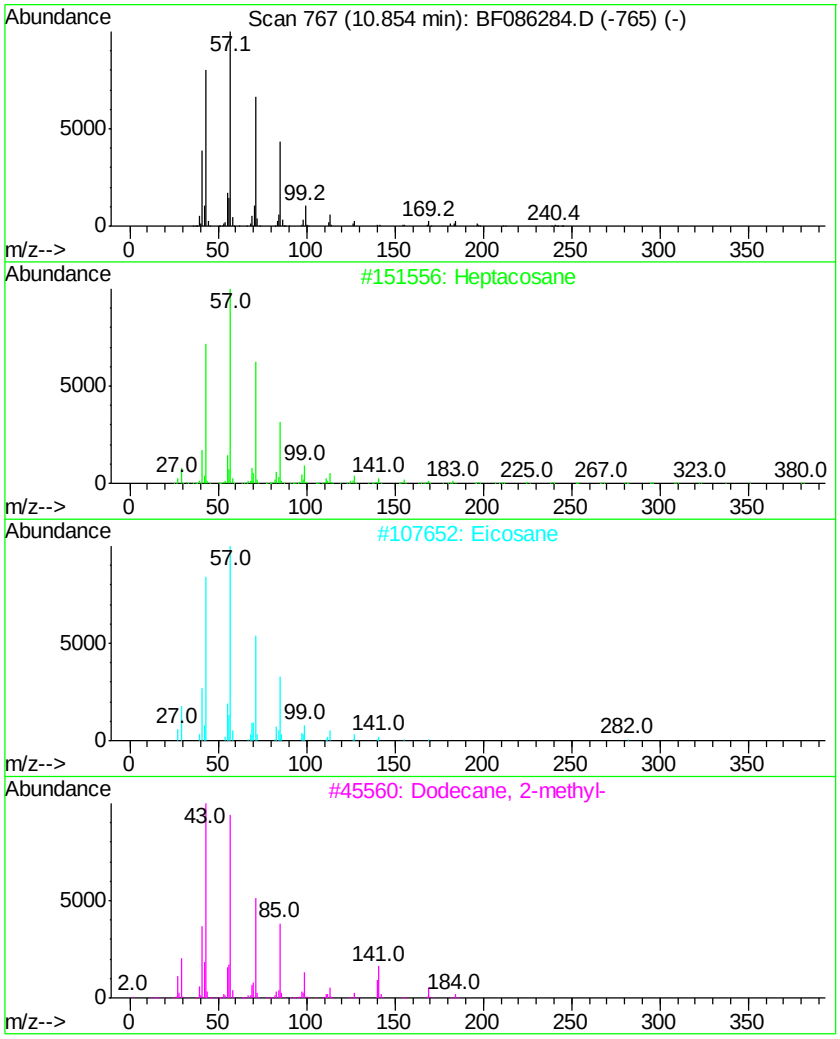
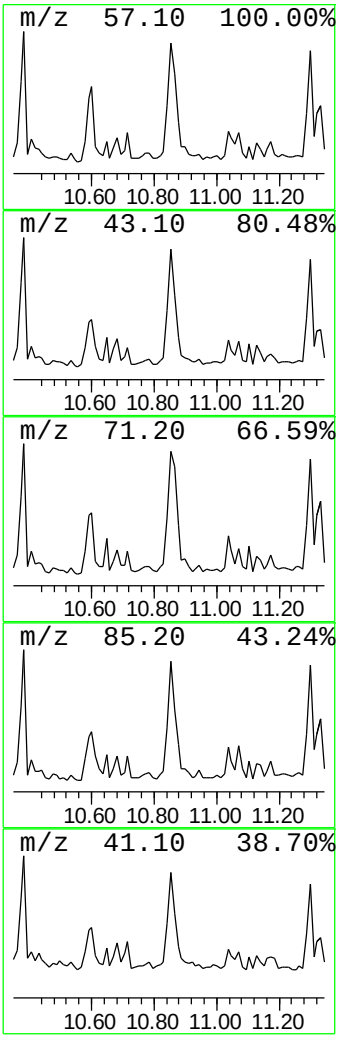
Peak Number 14 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	135.50 ng	9090810	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Tridecane	184	C13H28	000629-50-5	80
5	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	78





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ClientSampleId : TW-1-04062016

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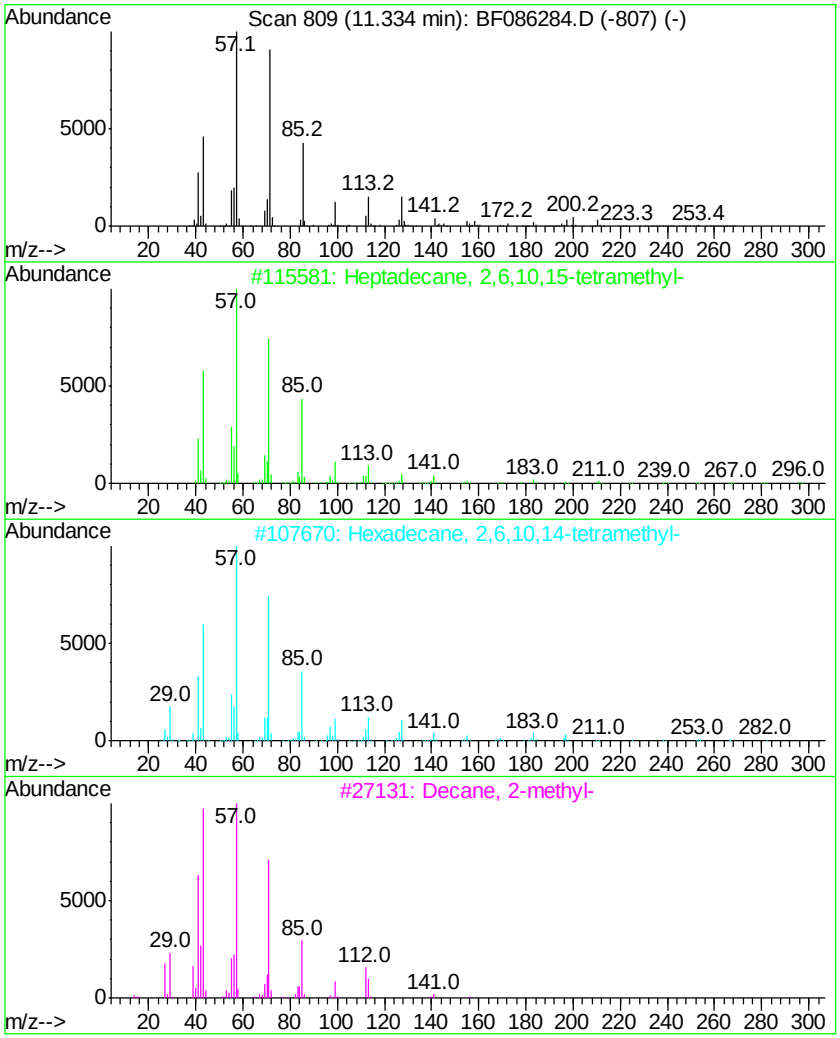
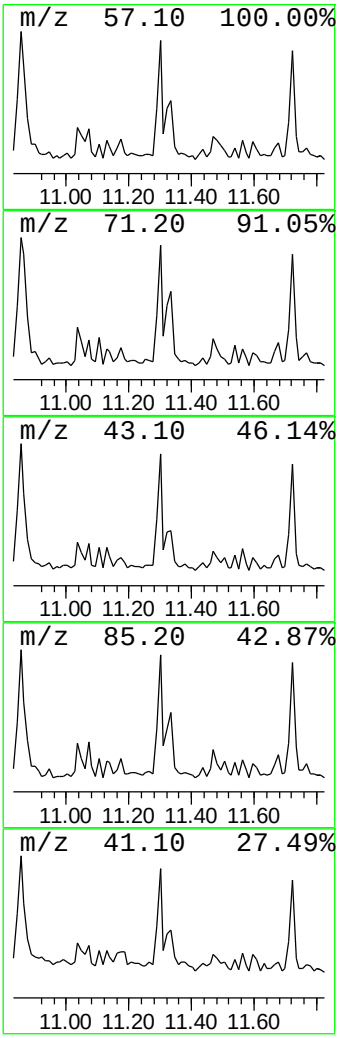
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	58.52 ng	3926370	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Decane, 3-methyl-	156	C11H24	013151-34-3	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64





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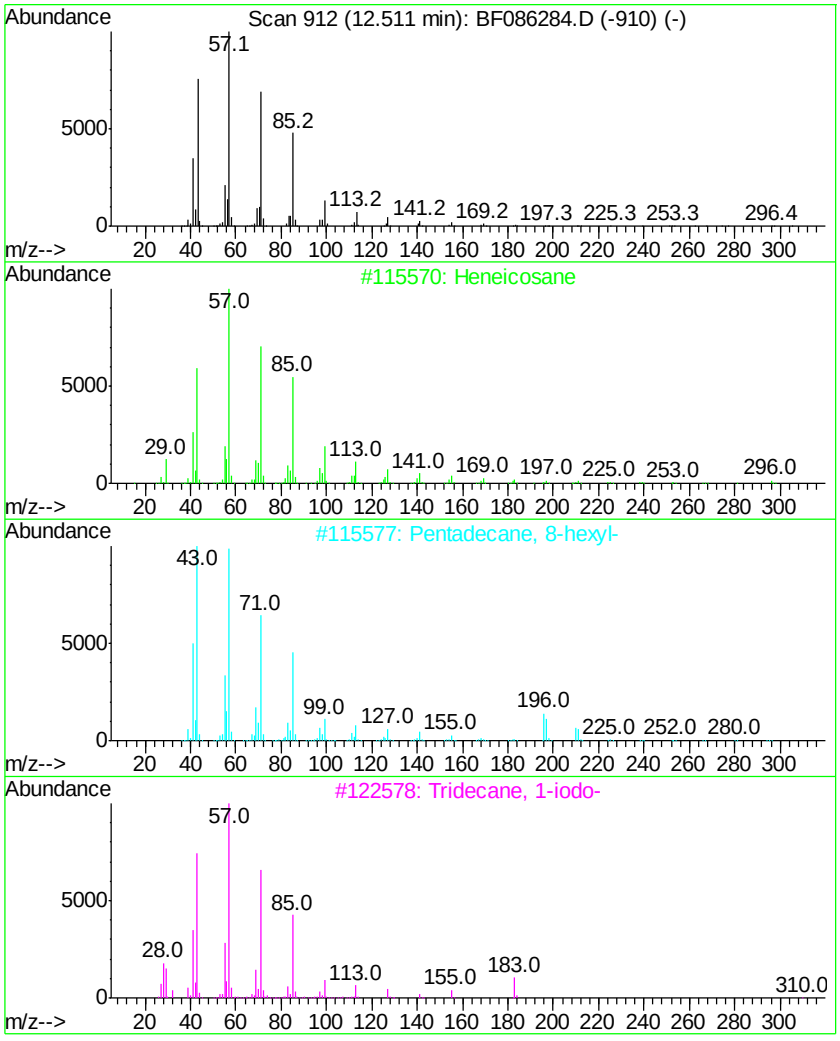
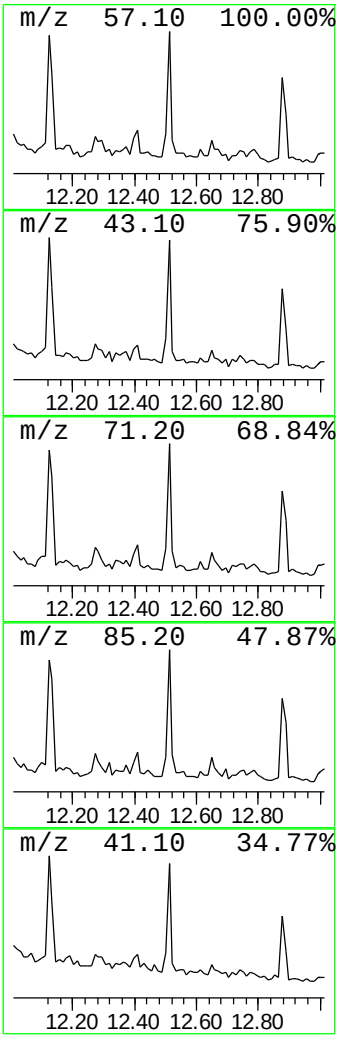
Peak Number 19 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	64.34 ng	4316840	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Decane, 3-methyl-	156	C11H24	013151-34-3	80
5	Pentadecane	212	C15H32	000629-62-9	80





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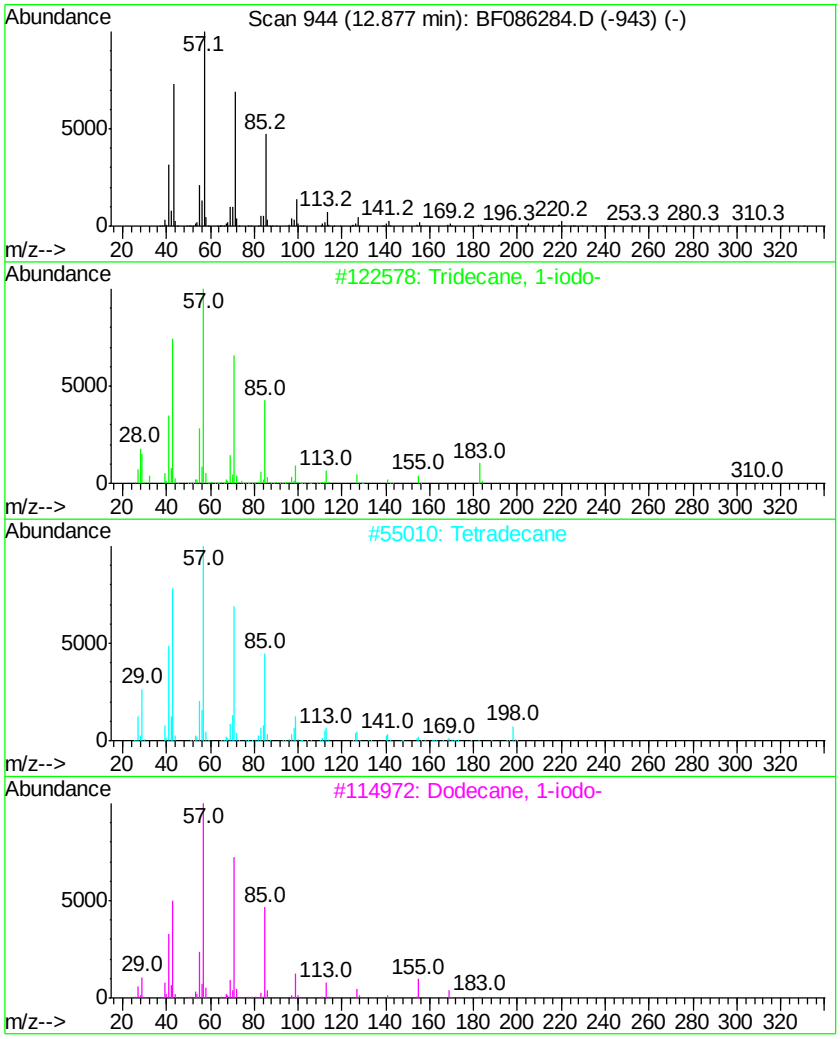
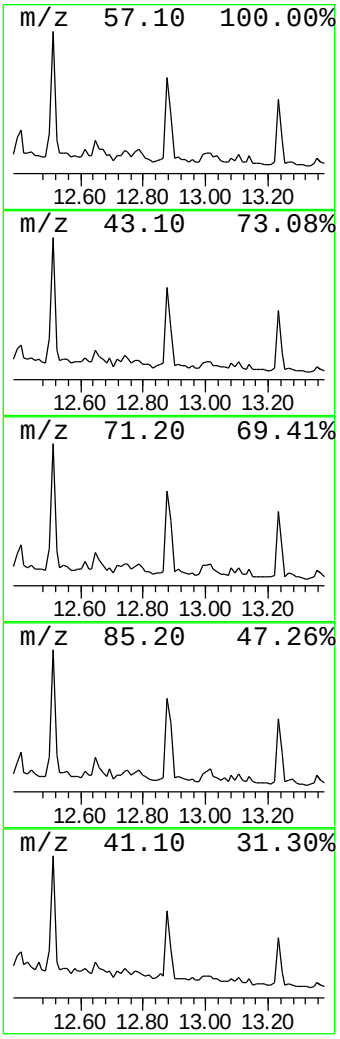
Peak Number 20 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	50.58 ng	3510470	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Eicosane	282	C20H42	000112-95-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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
p-Xylene	5.47	56.9	ng	4800330	1	6.89	1686270	20.0
Nonane	5.79	54.0	ng	4551940	1	6.89	1686270	20.0
1-Octanol, 2-butyl-	6.33	46.4	ng	3908030	1	6.89	1686270	20.0
Benzene, 1-ethyl-...	6.42	135.0	ng	11381600	1	6.89	1686270	20.0
Benzene, 1,2,3-tr...	6.49	47.8	ng	4028280	1	6.89	1686270	20.0
Cyclohexane, 1-me...	6.64	52.4	ng	4414920	1	6.89	1686270	20.0
Decane	6.74	171.2	ng	14430500	1	6.89	1686270	20.0
Benzene, 1-methyl...	7.17	130.7	ng	11015300	1	6.89	1686270	20.0
Benzene, 1,3-diet...	7.22	56.9	ng	4796060	1	6.89	1686270	20.0
Benzene, 1-methyl...	7.29	62.9	ng	5303220	1	6.89	1686270	20.0
Benzene, 1-ethyl-...	7.39	47.7	ng	4021870	1	6.89	1686270	20.0
Undecane	7.50	96.3	ng	8122360	1	6.89	1686270	20.0
Eicosane	9.88	48.1	ng	8632490	3	9.94	3587080	20.0
Heptacosane	10.85	135.5	ng	9090810	4	11.43	1341830	20.0
Heptadecane, 2,6,...	11.33	58.5	ng	3926370	4	11.43	1341830	20.0
Heneicosane	12.51	64.3	ng	4316840	4	11.43	1341830	20.0
Tridecane, 1-iodo-	12.88	50.6	ng	3510470	5	14.04	1388050	20.0