LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

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-BF040216.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	3.196	89	97	101	rBV	398050	981000	6.56%	0.270%
2	3.356	103	111	116	rVV	457728	1171874	7.84%	0.323%
3	3.447	116	119	123	rVV	170788	380147	2.54%	0.105%
4	3.596	127	132	137	rVV2	562200	1514272	10.13%	0.417%
5	3.767	143	147	151	rVV	679136	1350007	9.03%	0.372%
6	3.938	156	162	165	rBV	706396	1326605	8.87%	0.365%
7	4.110	173	177	178	rBV	206866	414628	2.77%	0.114%
8	4.144	178	180	186	rVB3	232737	571009	3.82%	0.157%
9	4.304	191	194	197	rVV2	1144497	1853866	12.40%	0.510%
10	4.418	200	204	209	rBV2	438008	875565	5.86%	0.241%
11	4.761	232	234	236	rVV	558003	757931	5.07%	0.209%
12	4.807	236	238	240	rVV2	394435	811880	5.43%	0.223%
13	4.853	240	242	245	rVV2	1011946	1684144	11.27%	0.463%
14	4.910	245	247	249	rVV	357870	587815	3.93%	0.162%
15	4.967	249	252	256	rVV3	423128	1261496	8.44%	0.347%
16	5.047	256	259	262	rVV2	322034	900865	6.03%	0.248%
17	5.127	264	266	268	rVV	762355	1329879	8.90%	0.366%
18	5.207	270	273	276	rVV	3184165	6524653	43.64%	1.796%
19	5.253	276	277	281	rVV	1433604	2455644	16.43%	0.676%
20	5.344	281	285	287	rVV	3800382	9954686	66.59%	2.740%
21	5.379	287	288	289	rVV	2512616	1995475	13.35%	0.549%
22	5.424	289	292	295	rVV2	585288	1447822	9.68%	0.398%
23	5.470	295	296	297	rVV	427022	414605	2.77%	0.114%
24	5.504	297	299	302	rVV	859361	1756440	11.75%	0.483%
25	5.550	302	303	305	rVV	547568	619998	4.15%	0.171%
26	5.596	305	307	310	rVV3	1099908	2273221	15.21%	0.626%
27	5.664	310	313	315	rVV2	1524469	2395050	16.02%	0.659%
28	5.721	315	318	319	rVV2	309071	492509	3.29%	0.136%
29	5.767	319	322	324	rVV2	802326	1332539	8.91%	0.367%
30	5.824	324	327	331	rVV4	630289	1728261	11.56%	0.476%
31	5.904	331	334	337	rVV2	1502201	3165338	21.17%	0.871%
32	5.961	337	339	341	rVV2	695632	1290121	8.63%	0.355%
33	6.007	341	343	346	rVV2	1827969	3094133	20.70%	0.852%
34	6.053	346	347	350	rVV2	788374	1491464	9.98%	0.410%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.144	353	355	357	rVV2	465362	910714	6.09%	0.251%
36	6.224	357	362	363	rVV2	3412207	5996671	40.11%	1.650%
37	6.293	363	368	369	rVV2	2756906	7857114	52.56%	2.162%
38	6.327	369	371	373	rVV	4648532	6587356	44.06%	1.813%
39	6.373	373	375	377	rVV2	3545421	5464258	36.55%	1.504%
40	6.453	377	382	385	rVV2	3162874	8151973	54.53%	2.243%
41	6.510	385	387	388	rVV	612312	1187517	7.94%	0.327%
42	6.544	388	390	392	rVV	2562383	4569745	30.57%	1.258%
43	6.624	392	397	399	rVV	5647283	14950066	100.00%	4.114%
44	6.727	402	406	408	rVV2	1251088	3855443	25.79%	1.061%
45	6.773	408	410	411	rVV2	1306192	2576940	17.24%	0.709%
46	6.796	411	412	413	rVV	1755474	1795417	12.01%	0.494%
47	6.842	413	416	418	rVV	4885695	8676835	58.04%	2.388%
48	6.899	419	421	422	rVV	1662239	2699221	18.05%	0.743%
49	6.933	422	424	425	rVV2	2925873	4989600	33.38%	1.373%
50	6.956	425	426	428	rVV	4121801	3645698	24.39%	1.003%
51	7.024	428	432	433	rVV	3497427	5765053	38.56%	1.587%
52	7.047	433	434	436	rVV	2511601	4047101	27.07%	1.114%
53	7.104	436	439	442	rVV2	4720229	10751394	71.92%	2.959%
54	7.173	442	445	447	rVV	3394736	5458586	36.51%	1.502%
55	7.253	447	452	453	rVV	3780759	8746771	58.51%	2.407%
56	7.322	455	458	460	rVV	4846620	11702941	78.28%	3.221%
57	7.356	460	461	465	rVV2	4321285	7226450	48.34%	1.989%
58	7.424	465	467	469	rVV3	1852136	3469497	23.21%	0.955%
59	7.459	469	470	475	rVV4	2654904	6149773	41.14%	1.692%
60	7.550	475	478	480	rVV	3666592	9550532	63.88%	2.628%
61	7.585	480	481	483	rVV	4928101	4491305	30.04%	1.236%
62	7.619	483	484	486	rVV2	1261462	1963061	13.13%	0.540%
63	7.665	486	488	491	rVV3	2285773	5877111	39.31%	1.617%
64	7.733	491	494	497	rVV4	3960514	9830245	65.75%	2.705%
65	7.802	497	500	504	rVV4	4805963	14852986	99.35%	4.088%
66	7.882	504	507	510	rVV4	2565524	7009339	46.89%	1.929%
67	7.939	510	512	514	rVV	2336643	3751297	25.09%	1.032%
68	8.053	514	522	523	rVV3	4379562	13372087	89.45%	3.680%
69	8.087	523	525	529	rVV4	5331441	13756891	92.02%	3.786%
70	8.145	529	530	534	rVV2	1992383	4299751	28.76%	1.183%
71	8.236	534	538	541	rVV4	1509215	5676896	37.97%	1.562%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.339	542	547	552	rVV6	2446932	10145375	67.86%	2.792%
73	8.407	552	553	554	rVV	1717799	1843201	12.33%	0.507%
74	8.442	554	556	558	rVV2	2810992	4543252	30.39%	1.250%
75	8.476	558	559	562	rVV2	1468293	3507056	23.46%	0.965%
76	8.522	562	563	565	rVV	1881782	2572535	17.21%	0.708%
77	8.567	565	567	569	rVV2	1556695	3381036	22.62%	0.930%
78	8.647	572	574	576	rVV2	2684551	3946141	26.40%	1.086%
79	8.693	576	578	581	rVV2	1070185	2948967	19.73%	0.812%
80	8.773	582	585	587	rVV	3928484	5751901	38.47%	1.583%
81	8.807	587	588	590	rVV2	596314	1051114	7.03%	0.289%
82	8.865	590	593	597	rVV	2294135	4320124	28.90%	1.189%
83	8.922	597	598	600	rVV2	396974	761207	5.09%	0.209%
84	8.956	600	601	602	rVV	519488	571224	3.82%	0.157%
85	9.002	604	605	607	rVV2	420212	641836	4.29%	0.177%
86	9.047	607	609	610	rVV2	290660	471551	3.15%	0.130%
87	9.070	610	611	613	rVV2	426474	572810	3.83%	0.158%
88	9.128	613	616	619	rVV	3225899	3447211	23.06%	0.949%
89	9.208	621	623	627	rVV2	788263	1063684	7.11%	0.293%
90	9.322	631	633	636	rVV	472058	639182	4.28%	0.176%
91	9.390	636	639	641	rVV	576387	847989	5.67%	0.233%
92	9.459	643	645	647	rVV	679181	951433	6.36%	0.262%
93	9.528	649	651	652	rVV	714790	751081	5.02%	0.207%
94	9.585	652	656	658	rVV2	221587	398616	2.67%	0.110%
95	9.802	671	675	677	rBV	973055	975933	6.53%	0.269%
96	10.591	742	744	746	rVB	1418125	1409813	9.43%	0.388%
97	11.288	803	805	806	rBV	657493	699120	4.68%	0.192%
98	12.865	941	943	946	rVB	2111599	2341686	15.66%	0.644%
99	13.917	1033	1035	1038	rVB	558178	543110	3.63%	0.149%
100	15.322	1156	1158	1161	rBV	307216	402578	2.69%	0.111%

Sum of corrected areas: 363369343

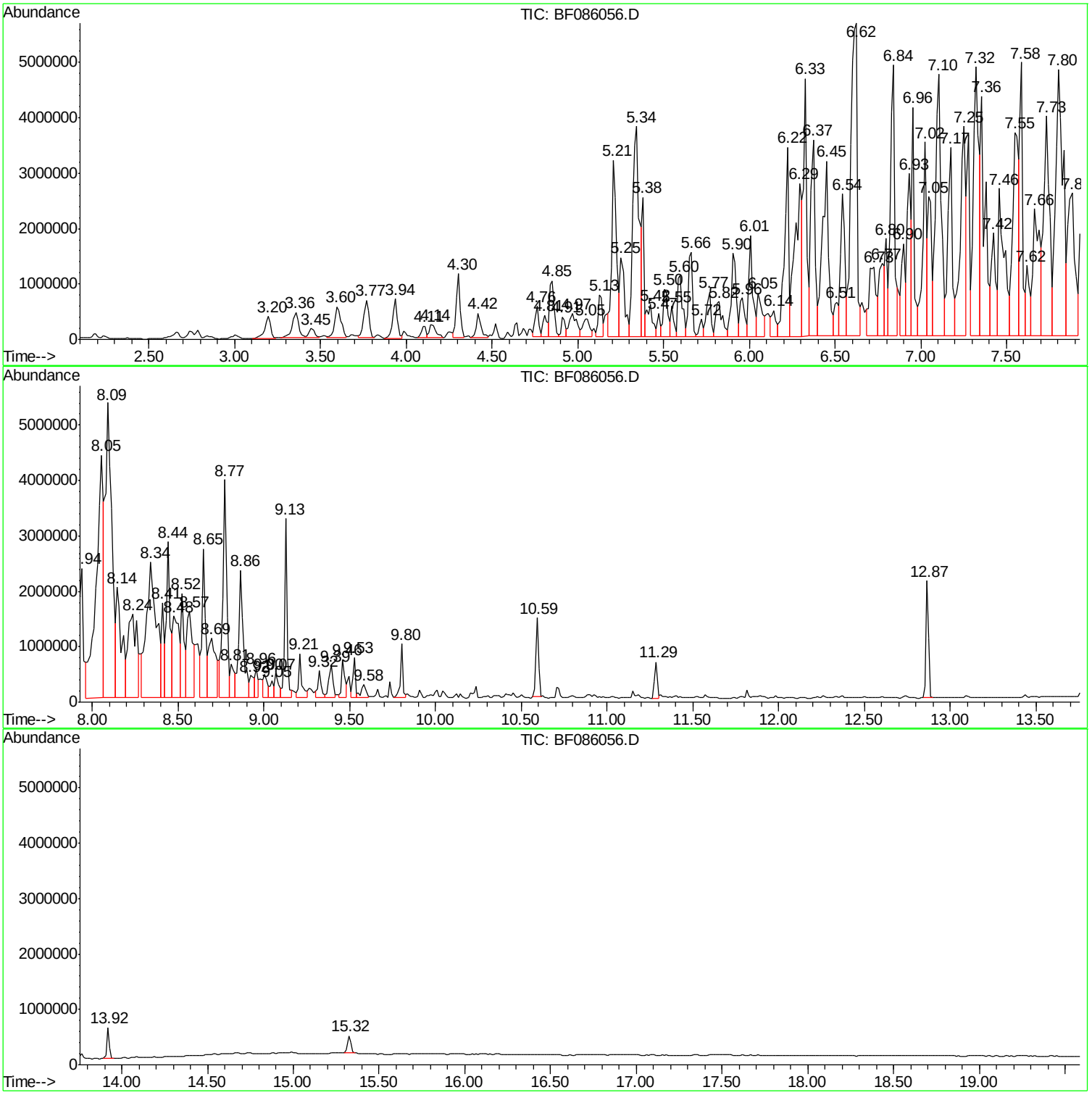
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

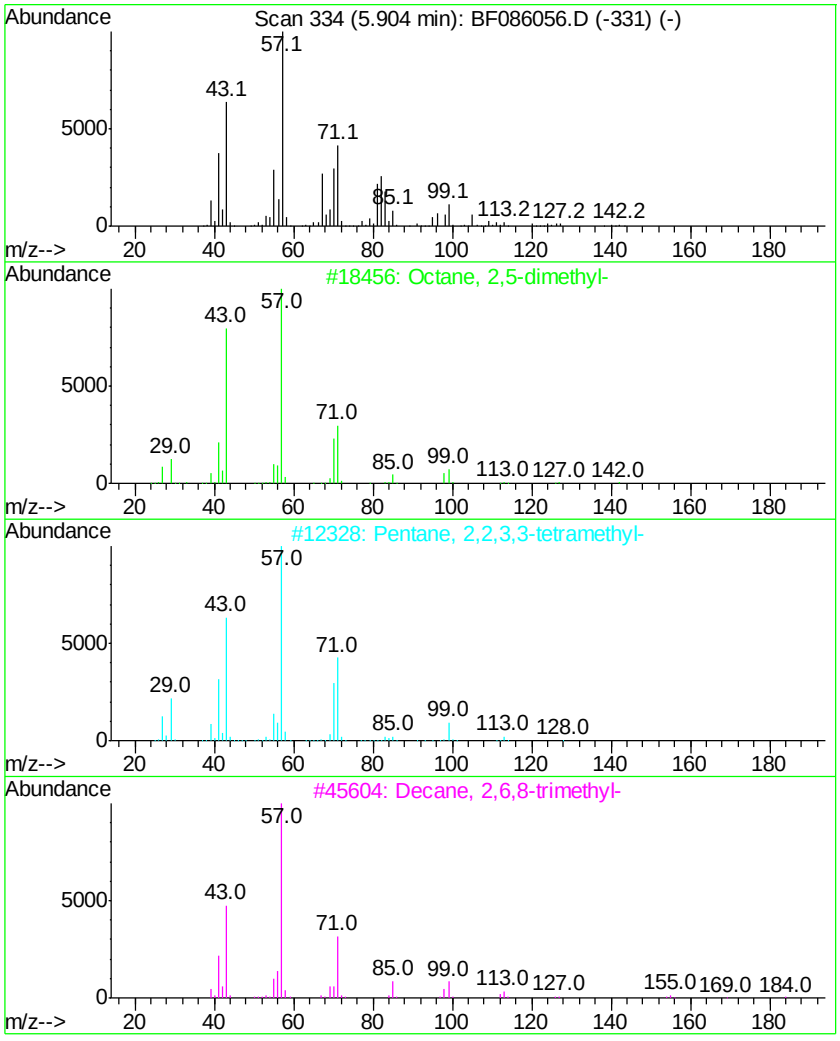
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

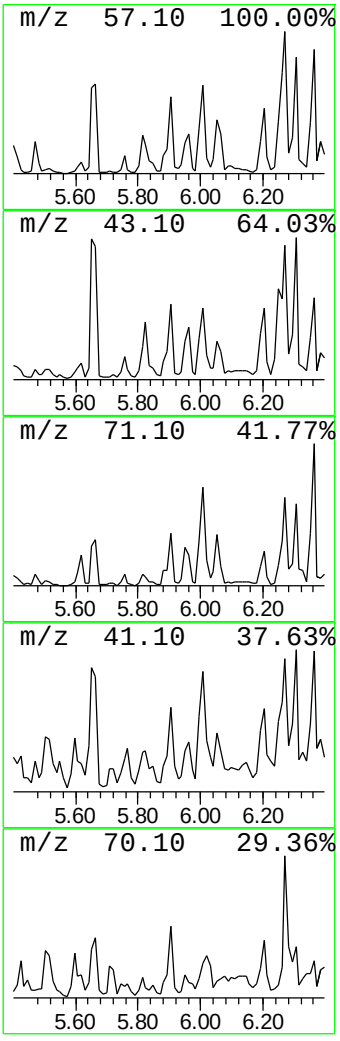
****

Peak Number 2 Octane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	24.57 ng	3165340	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	38
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

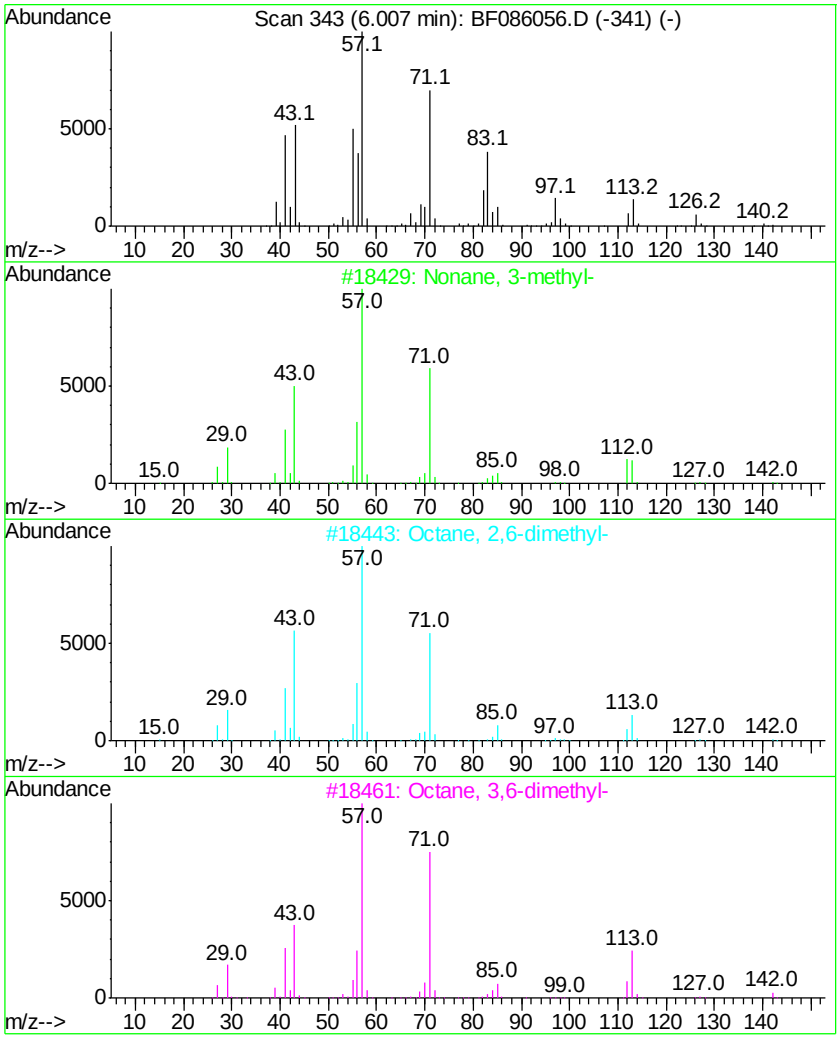
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

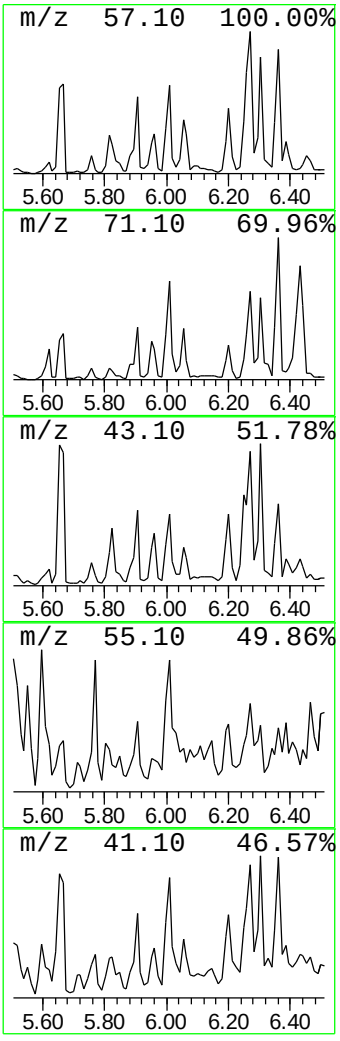
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	24.01 ng	3094130	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
4	Octacosane	394	C28H58	000630-02-4	43
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

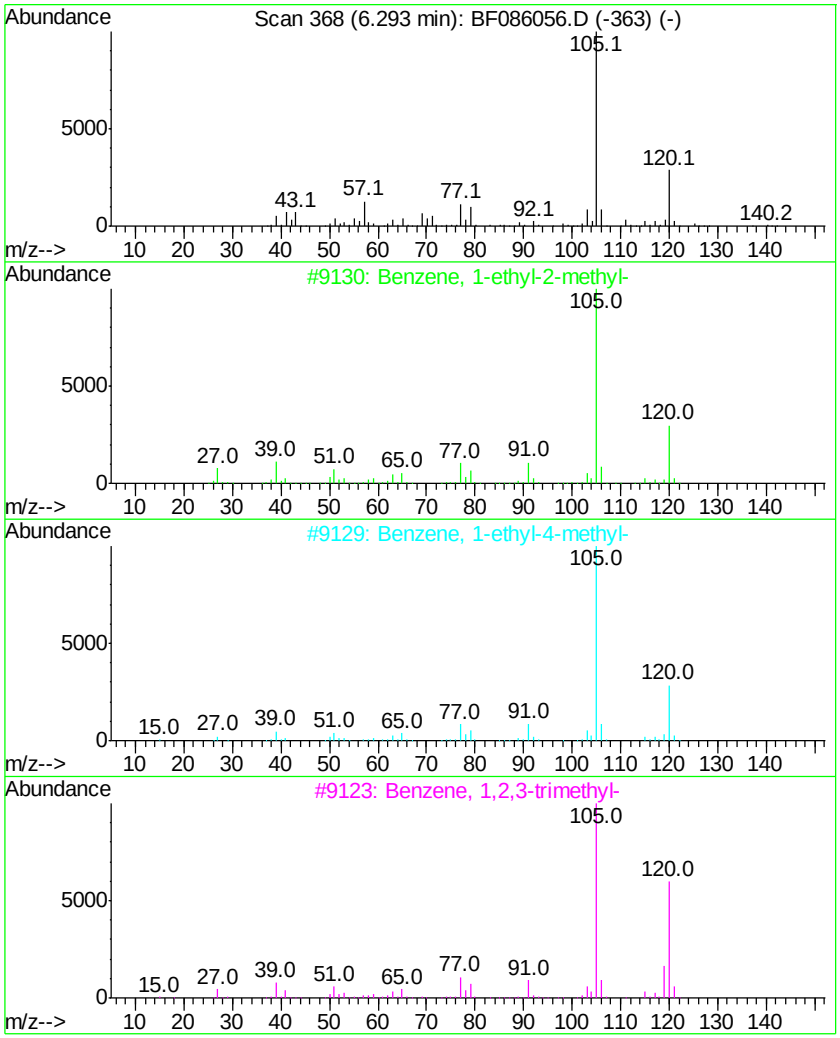
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

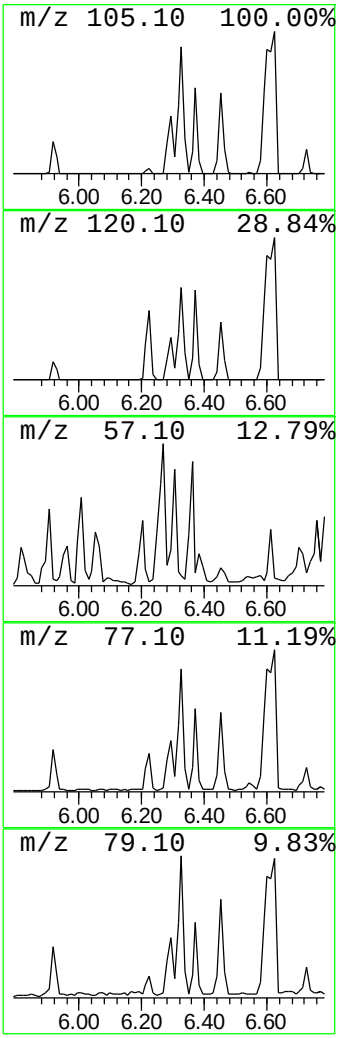
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	60.98 ng	7857110	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

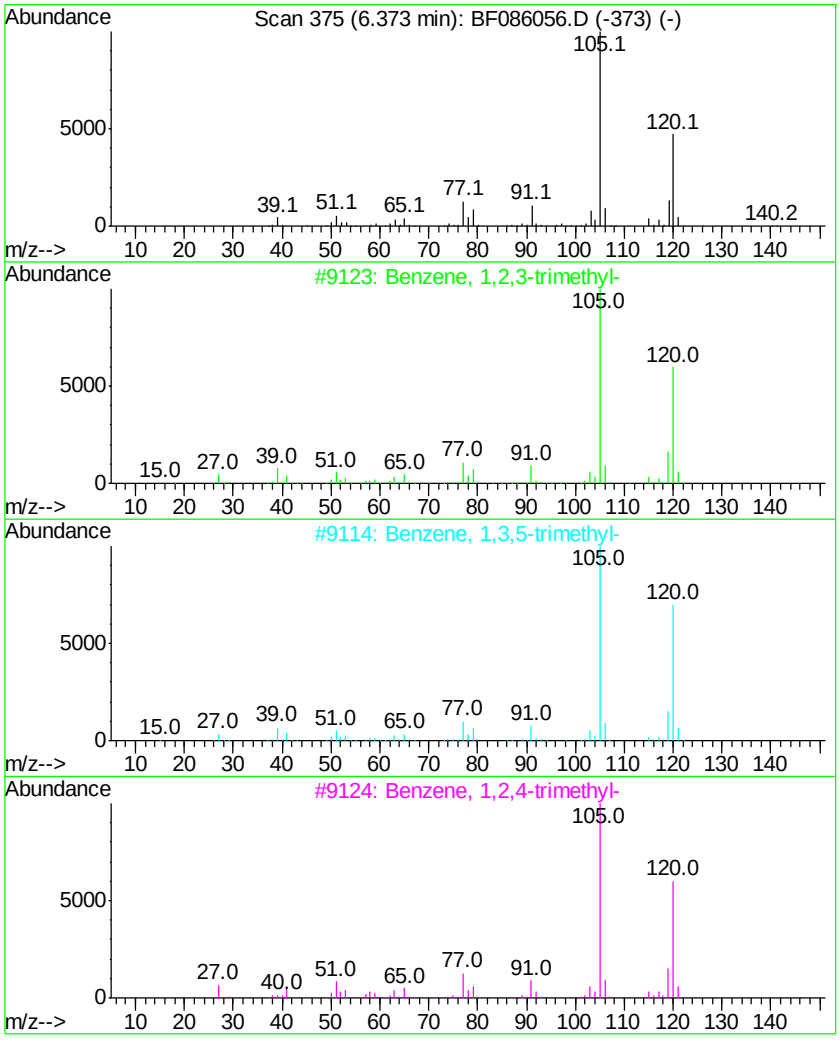
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

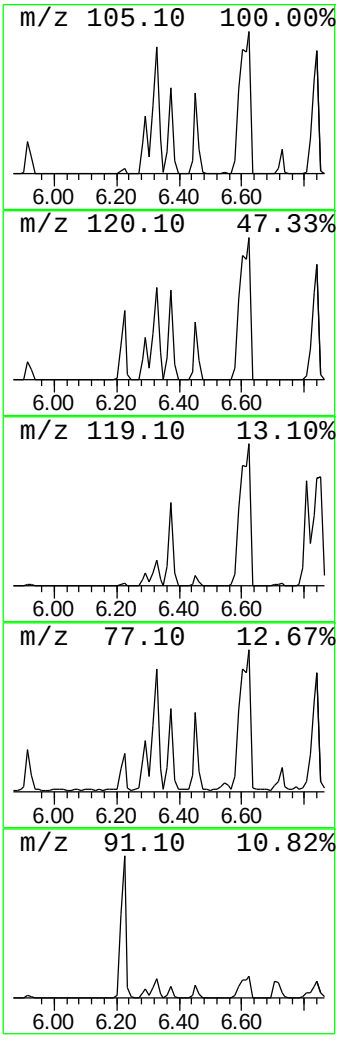
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	42.41 ng	5464260	1,4-Dichlorobenzene-d4	6.77

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

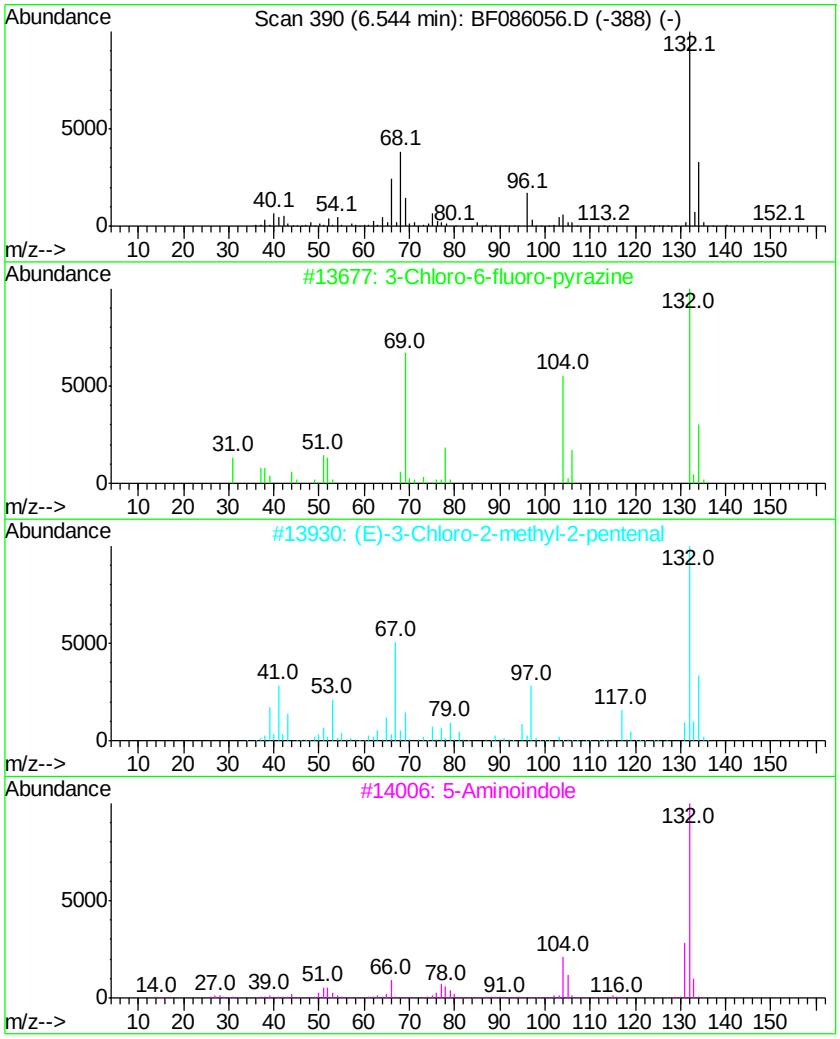
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

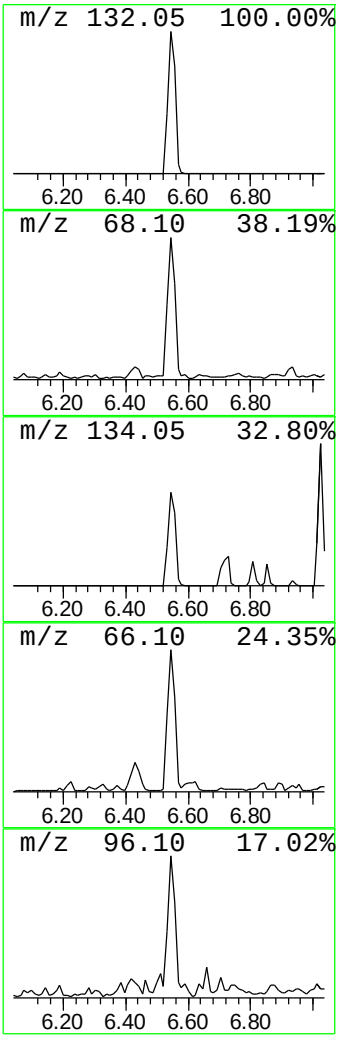
****

Peak Number 8 unknown6.54 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	35.47 ng	4569750	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

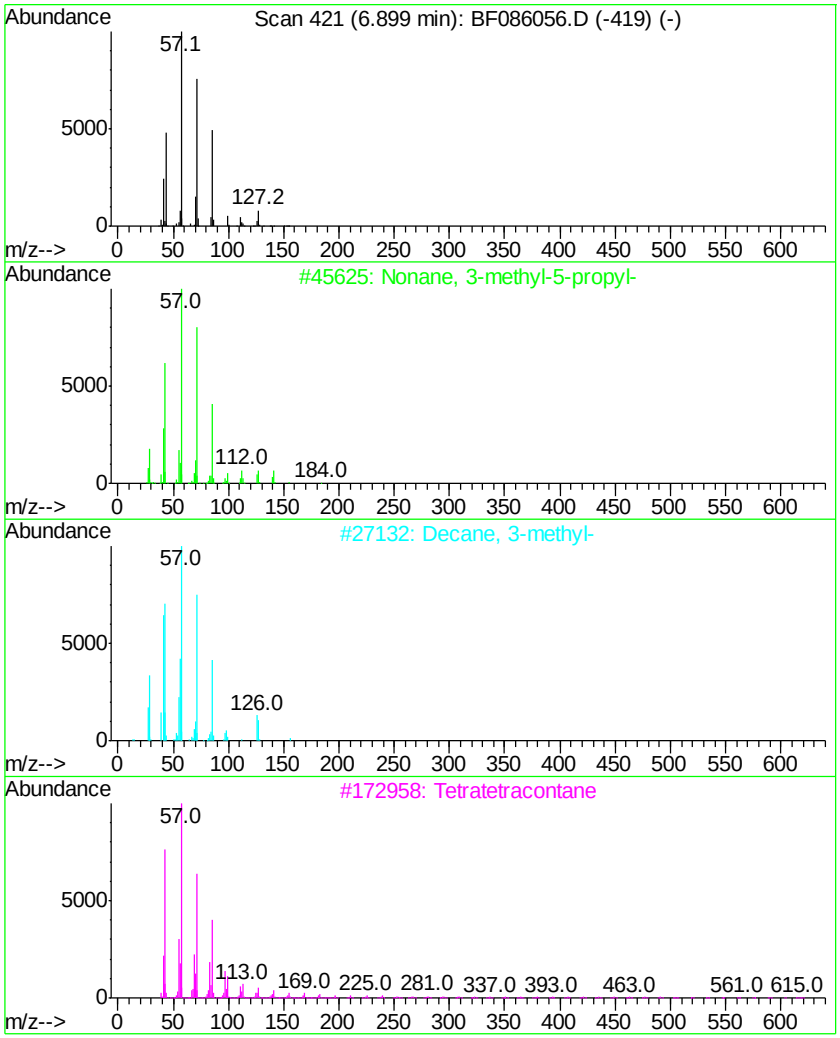
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

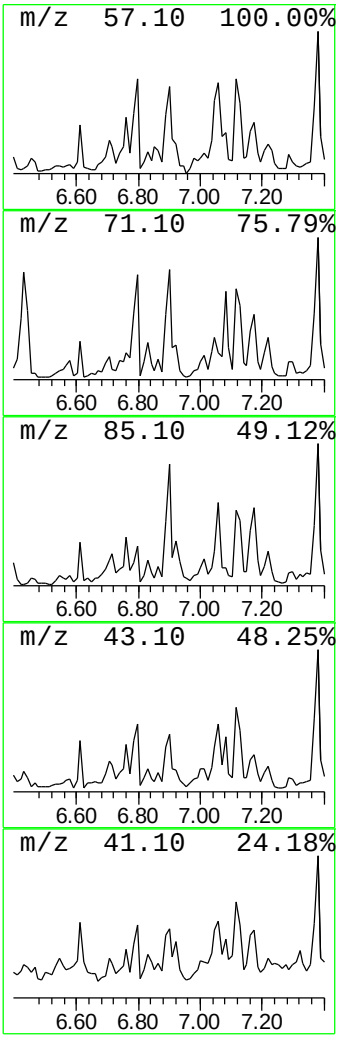
****

Peak Number 11 Nonane, 3-methyl-5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	20.95 ng	2699220	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	74
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

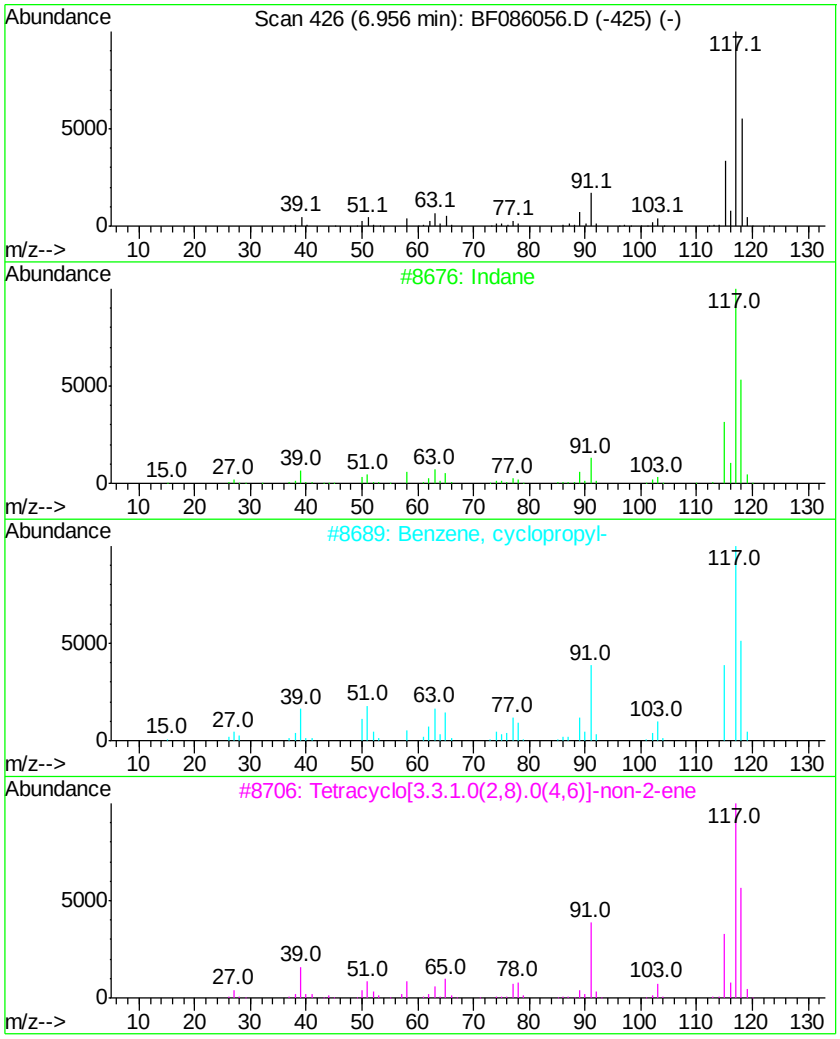
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

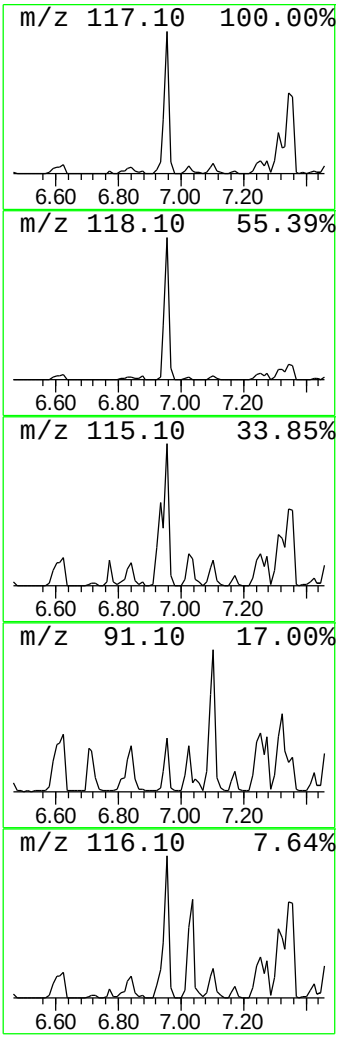
****

Peak Number 13 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	28.29 ng	3645700	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

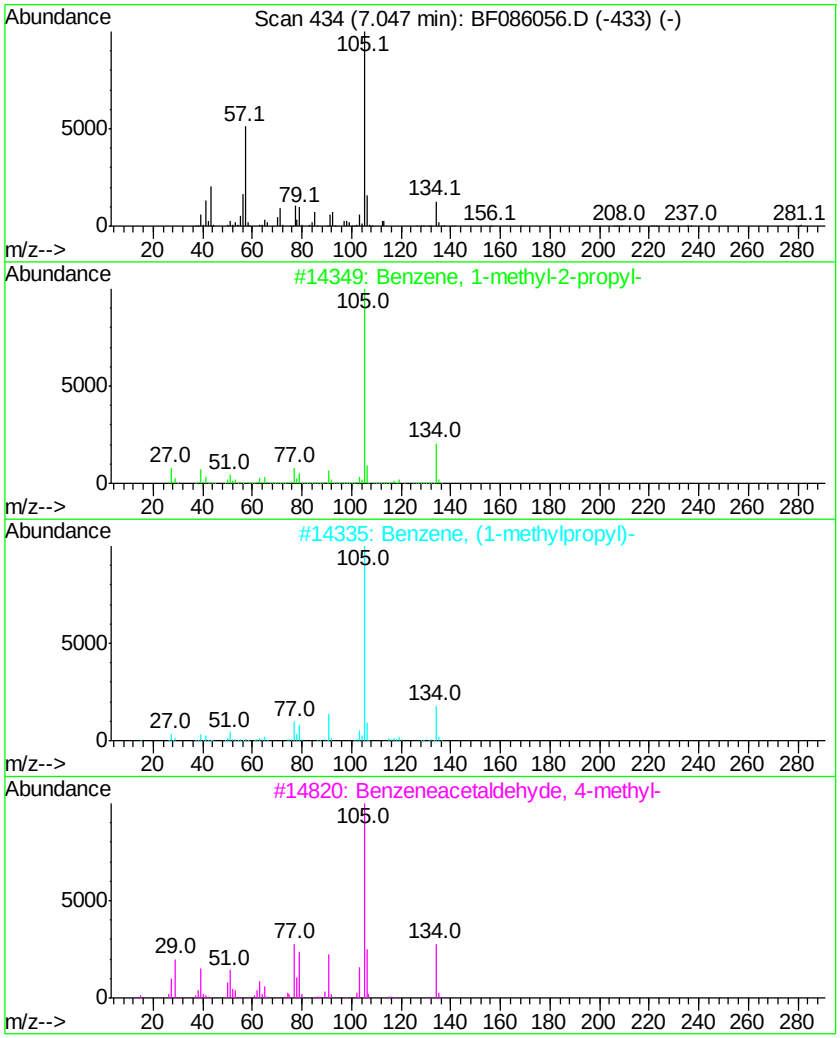
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

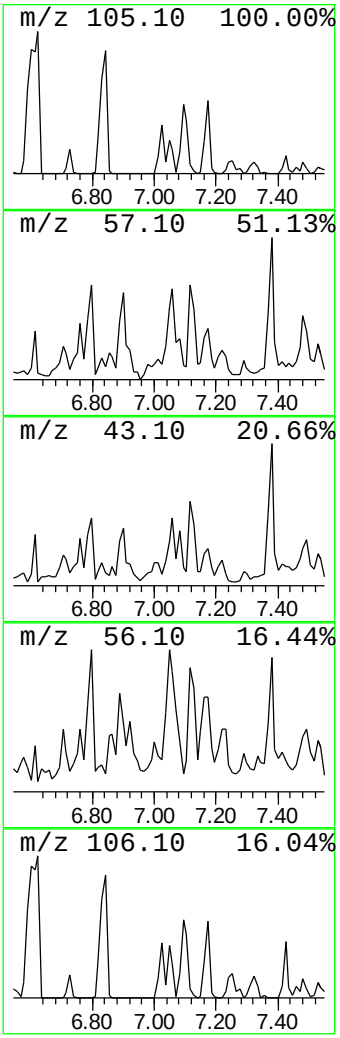
****

Peak Number 15 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	31.41 ng	4047100	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	50
4	Benzene, (2-ethenyl-1,4,4-trimet...	216	C16H24	074810-76-7	50
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

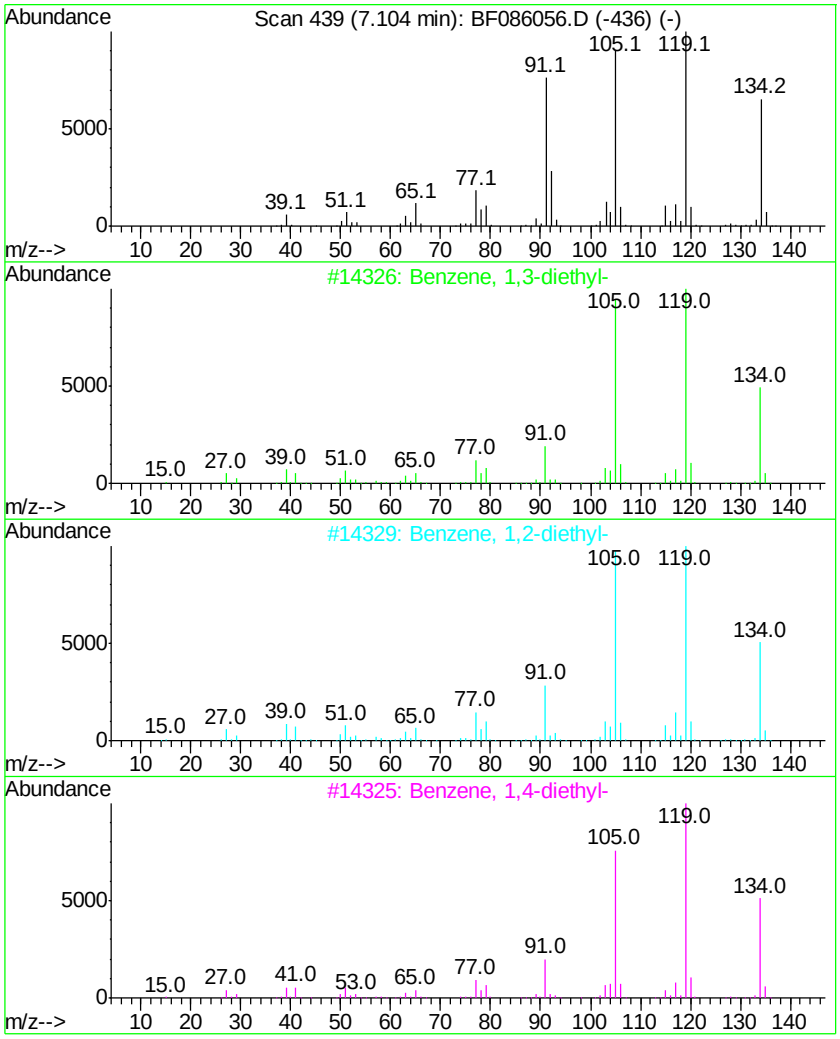
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

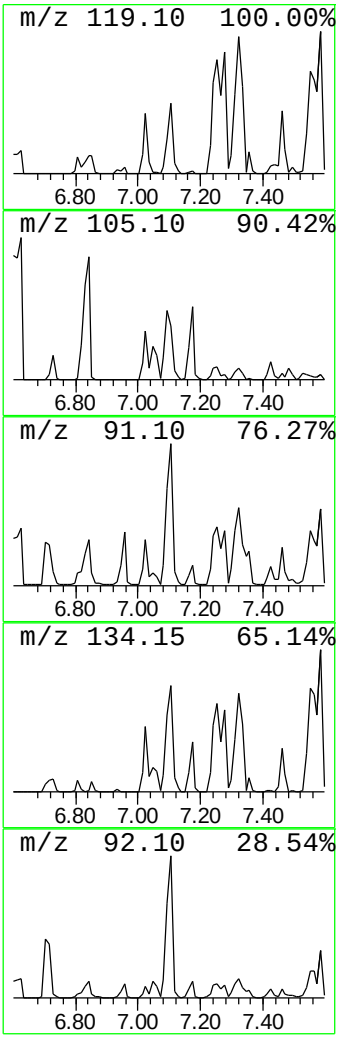
****

Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	83.44 ng	10751400	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

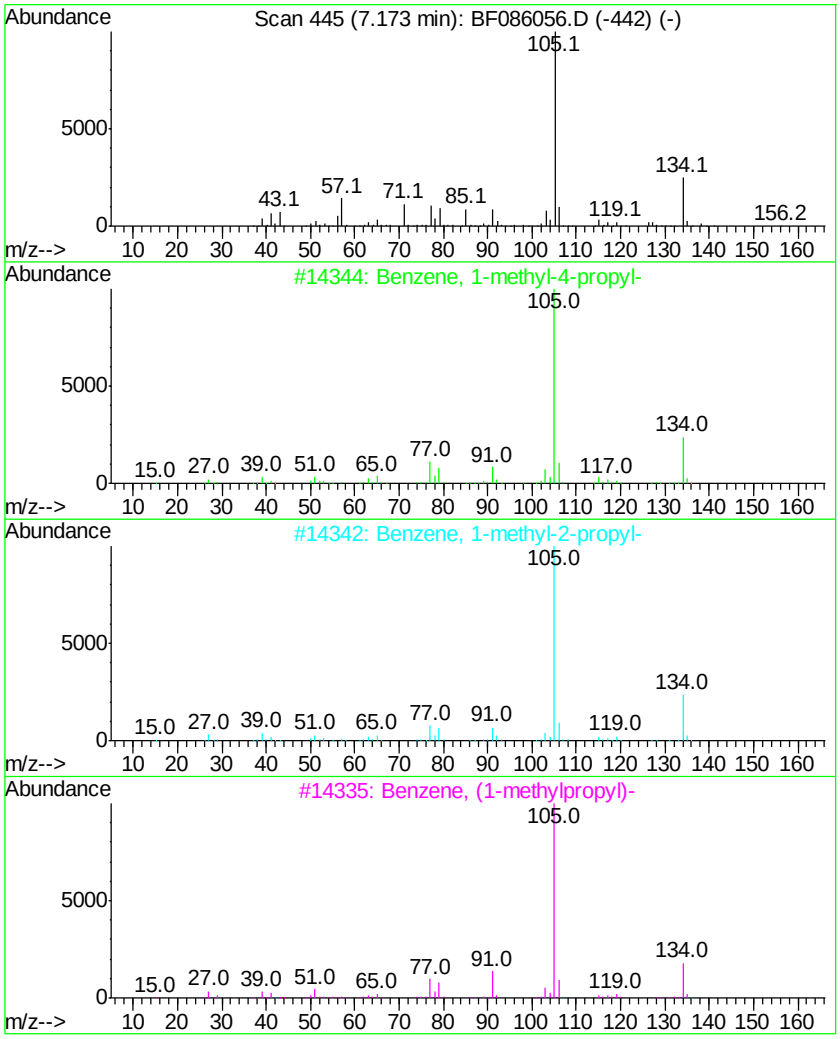
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

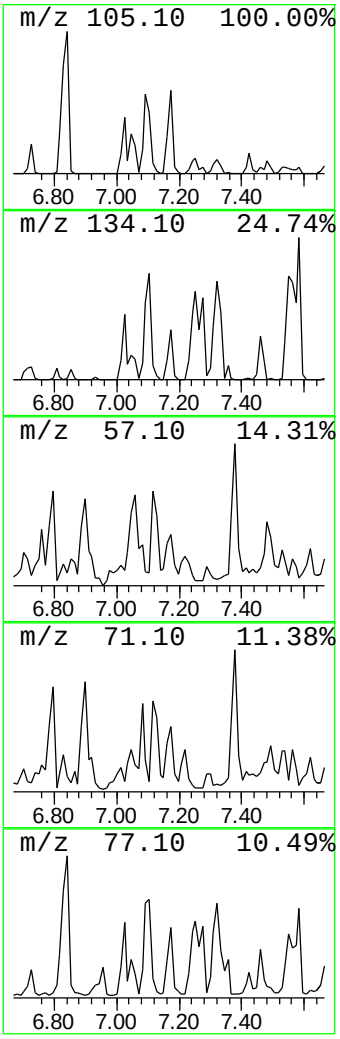
****

Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	42.36 ng	5458590	1,4-Dichlorobenzene-d4	6.77

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	92
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

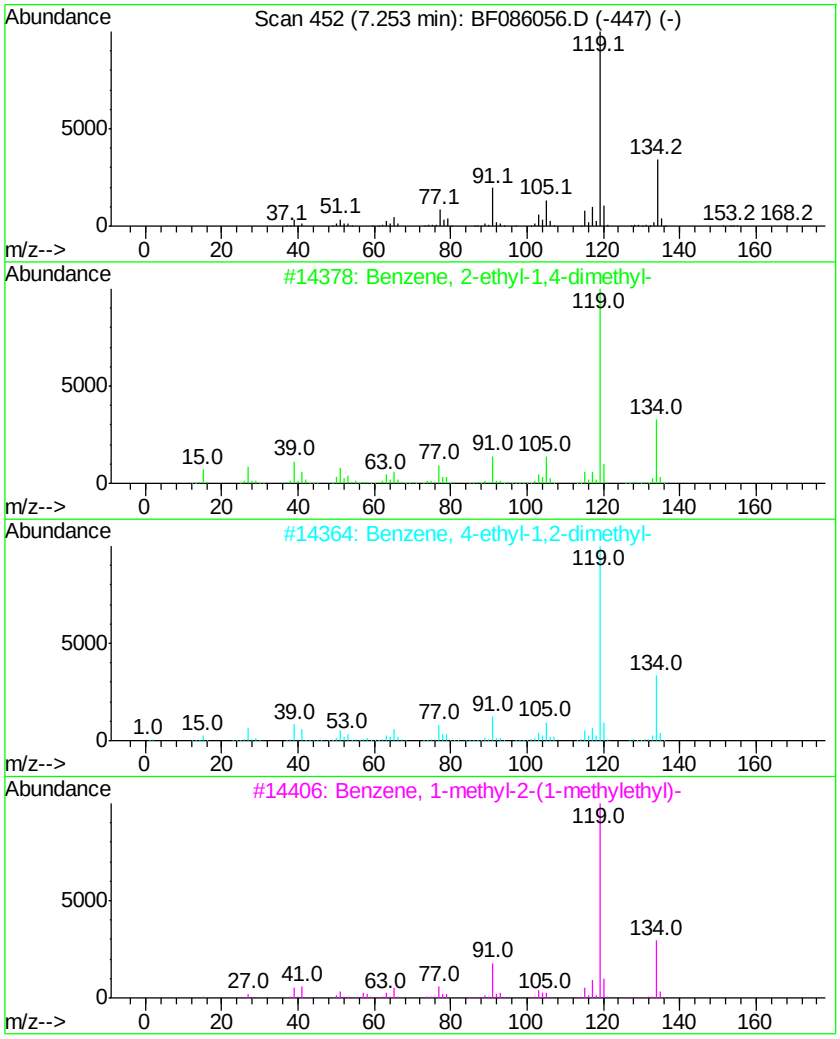
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

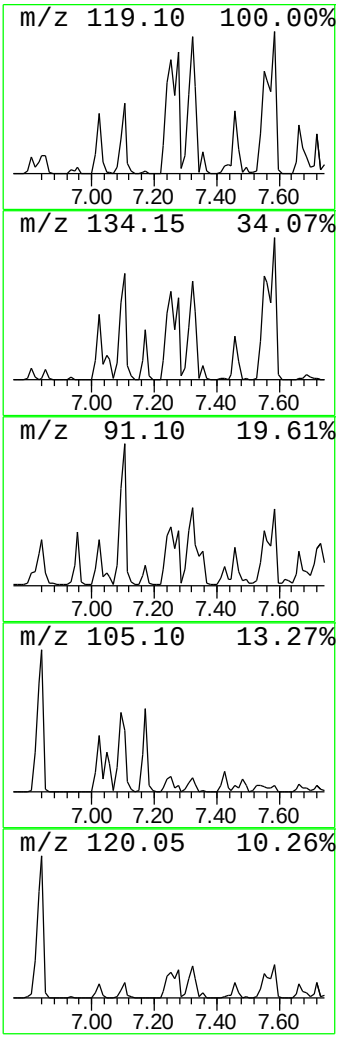
****

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	67.88 ng	8746770	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

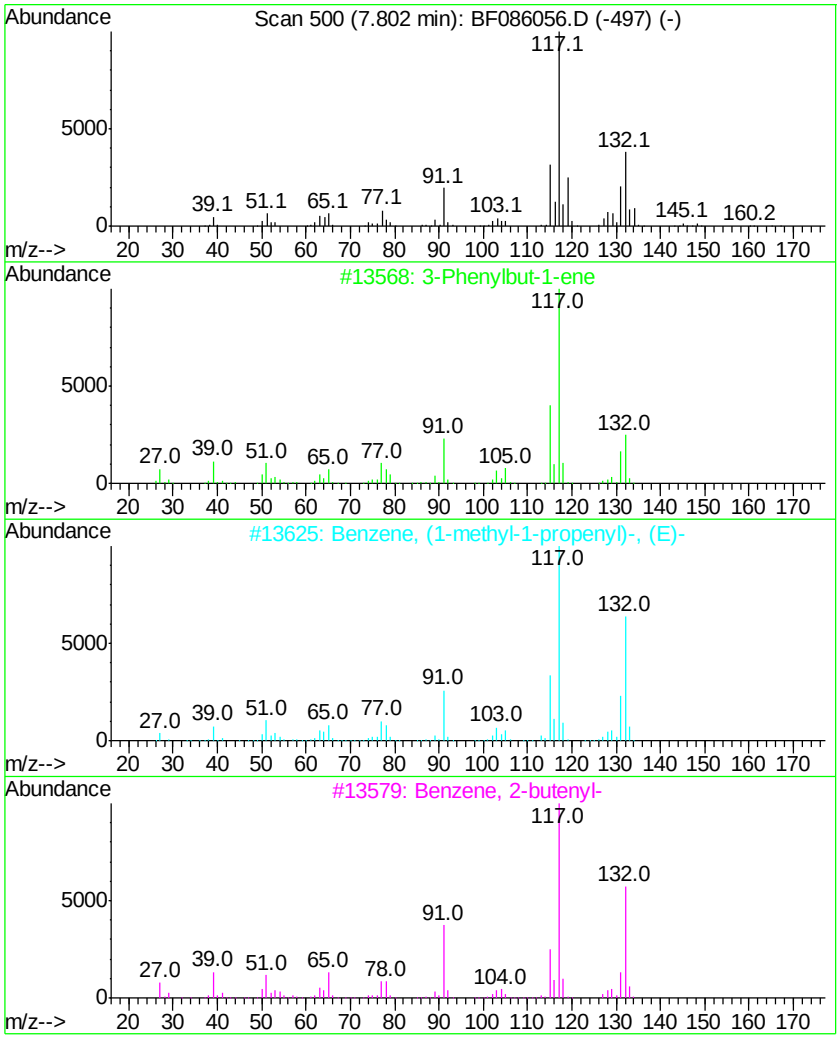
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

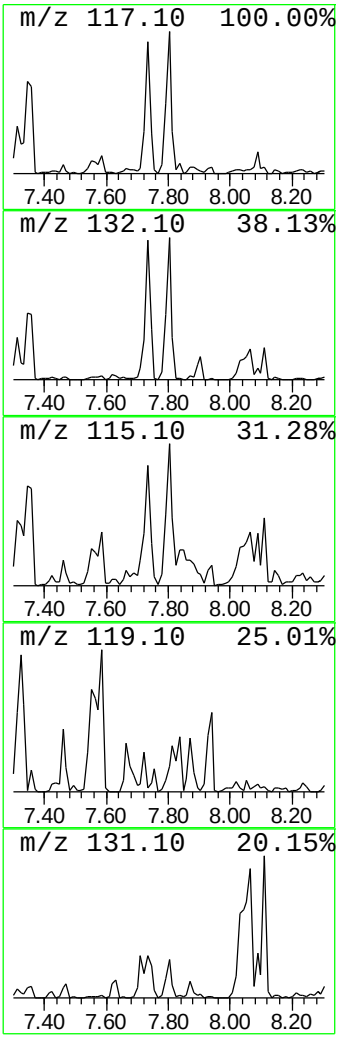
****

Peak Number 19 3-Phenylbut-1-ene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	22.21 ng	14853000	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

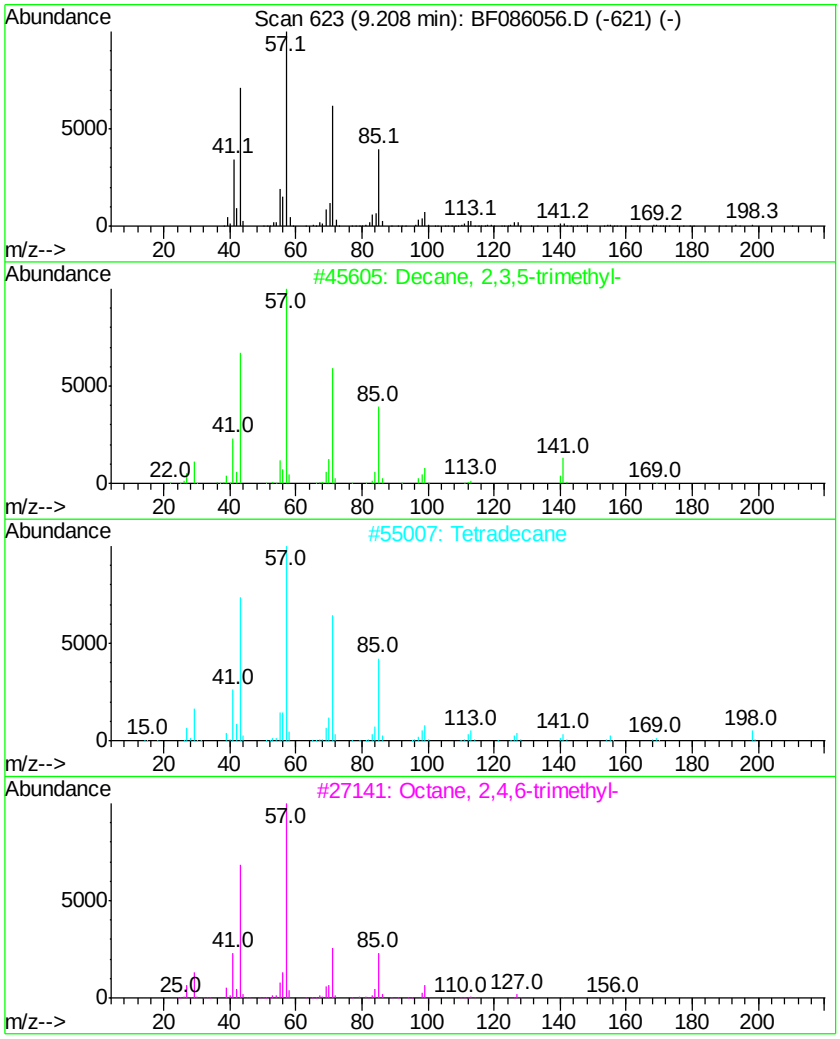
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

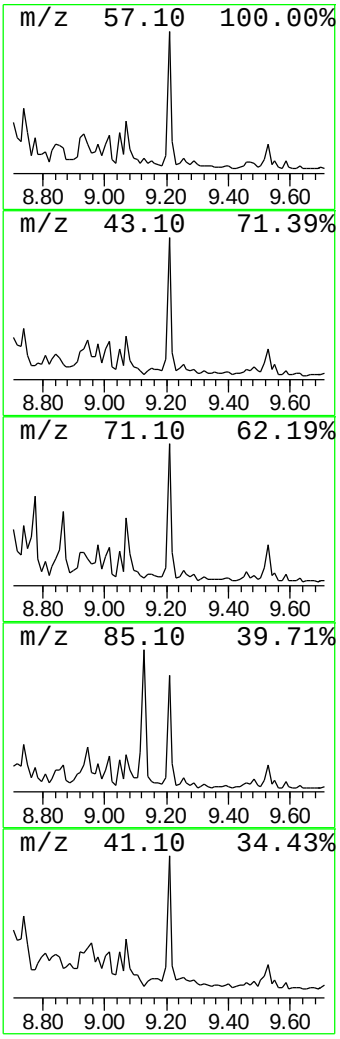
****

Peak Number 20 Decane, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	21.80 ng	1063680	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086056.D
Acq On : 5 Apr 2016 00:01
Operator : UM/SJ
Sample : H2076-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
Octane, 2,5-dimet...	5.90	24.6	ng	3165340	1	6.77	2576940	20.0
Nonane, 3-methyl-	6.01	24.0	ng	3094130	1	6.77	2576940	20.0
Benzene, 1-ethyl-...	6.29	61.0	ng	7857110	1	6.77	2576940	20.0
Benzene, 1,2,3-tr...	6.37	42.4	ng	5464260	1	6.77	2576940	20.0
unknown6.54	6.54	35.5	ng	4569750	1	6.77	2576940	20.0
Nonane, 3-methyl-...	6.90	20.9	ng	2699220	1	6.77	2576940	20.0
Indane	6.96	28.3	ng	3645700	1	6.77	2576940	20.0
Benzene, 1-methyl...	7.05	31.4	ng	4047100	1	6.77	2576940	20.0
Benzene, 1,3-diet...	7.10	83.4	ng	10751400	1	6.77	2576940	20.0
Benzene, 1-methyl...	7.17	42.4	ng	5458590	1	6.77	2576940	20.0
Benzene, 2-ethyl-...	7.25	67.9	ng	8746770	1	6.77	2576940	20.0
3-Phenylbut-1-ene	7.80	22.2	ng	14853000	2	8.06	13372100	20.0
Decane, 2,3,5-tri...	9.21	21.8	ng	1063680	3	9.80	975933	20.0