LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	3.599	248	257	264	rBV	81385	158000	1.06%	0.091%
2	3.722	264	278	287	rBV3	567672	1410935	9.49%	0.810%
3	3.869	294	303	310	rVB	663958	1131911	7.61%	0.650%
4	4.016	316	328	333	rBV2	453078	763037	5.13%	0.438%
5	4.063	333	336	341	rVB	186592	234626	1.58%	0.135%
6	4.163	346	353	358	rVV3	92076	164364	1.11%	0.094%
7	4.351	376	385	393	rVB	1958573	2798045	18.82%	1.607%
8	4.457	400	403	408	rVB	229213	291785	1.96%	0.168%
9	4.622	425	431	435	rBV	371429	472484	3.18%	0.271%
10	4.669	435	439	443	rBV	641594	738730	4.97%	0.424%
11	4.751	449	453	454	rBV	130207	164780	1.11%	0.095%
12	4.781	454	458	462	rVV	1232756	1371970	9.23%	0.788%
13	4.869	466	473	477	rVV2	2017547	3232637	21.74%	1.857%
14	4.928	480	483	486	rVV	907025	956104	6.43%	0.549%
15	4.975	486	491	493	rVV2	237859	351070	2.36%	0.202%
16	4.998	493	495	500	rVV2	210805	261858	1.76%	0.150%
17	5.140	514	519	521	rVV	1800143	2051457	13.80%	1.178%
18	5.181	521	526	530	rVV3	443798	940956	6.33%	0.540%
19	5.228	530	534	536	rVV	1713272	1866619	12.55%	1.072%
20	5.251	536	538	542	rVV	1772316	1492263	10.04%	0.857%
21	5.304	542	547	548	rVV2	1146731	1138668	7.66%	0.654%
22	5.328	548	551	552	rVV	2343979	2484989	16.71%	1.427%
23	5.351	552	555	558	rVV	4324735	4789134	32.21%	2.750%
24	5.398	560	563	564	rVV	339527	316931	2.13%	0.182%
25	5.416	564	566	569	rVV	280077	284482	1.91%	0.163%
26	5.463	571	574	577	rVV	364667	327812	2.20%	0.188%
27	5.498	577	580	584	rVV3	514663	623156	4.19%	0.358%
28	5.540	584	587	589	rVV	953736	847458	5.70%	0.487%
29	5.569	589	592	593	rVV	537024	581860	3.91%	0.334%
30	5.604	596	598	601	rVV	433937	360204	2.42%	0.207%
31	5.640	601	604	610	rVB	2558317	2587340	17.40%	1.486%
32	5.745	616	622	626	rBV2	568597	817579	5.50%	0.470%
33	5.798	626	631	635	rBV3	535731	792713	5.33%	0.455%
34	5.881	640	645	648	rVV2	814400	773426	5.20%	0.444%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.916	648	651	653	rVV	344994	380343	2.56%	0.218%
36	5.934	653	654	659	rVV2	180722	177175	1.19%	0.102%
37	5.981	659	662	668	rVB	993166	1051211	7.07%	0.604%
38	6.034	668	671	674	rBV2	298691	281476	1.89%	0.162%
39	6.169	689	694	697	rBV4	314392	411226	2.77%	0.236%
40	6.234	700	705	707	rBV	5251862	5603985	37.69%	3.218%
41	6.328	718	721	723	rBV2	584430	642793	4.32%	0.369%
42	6.381	723	730	732	rVB2	4103689	7095293	47.71%	4.075%
43	6.422	732	737	742	rVB	1436520	1646255	11.07%	0.945%
44	6.504	742	751	753	rBV2	5414829	7349164	49.42%	4.221%
45	6.569	758	762	770	rBV3	987698	1290446	8.68%	0.741%
46	6.675	776	780	782	rBV	1829861	1725819	11.61%	0.991%
47	6.698	782	784	785	rVV2	378117	370836	2.49%	0.213%
48	6.722	785	788	790	rVV	1725422	1695621	11.40%	0.974%
49	6.763	790	795	798	rVB	5559786	6707376	45.11%	3.852%
50	6.828	798	806	809	rBV	2874814	3573365	24.03%	2.052%
51	6.875	809	814	818	rVV2	8721169	14251565	95.84%	8.185%
52	6.916	818	821	823	rVB	557735	615957	4.14%	0.354%
53	6.963	825	829	831	rVV	751084	855254	5.75%	0.491%
54	7.022	831	839	845	rVV	7484851	14870307	100.00%	8.540%
55	7.087	845	850	852	rVV	6210091	6956603	46.78%	3.995%
56	7.104	852	853	858	rVV3	902529	1174094	7.90%	0.674%
57	7.145	858	860	861	rVV	531106	460895	3.10%	0.265%
58	7.181	861	866	871	rVV2	4445933	7886897	53.04%	4.530%
59	7.245	873	877	880	rVV	2156477	2848840	19.16%	1.636%
60	7.287	880	884	886	rVV2	3632408	5077817	34.15%	2.916%
61	7.316	886	889	890	rVV2	1470502	1763441	11.86%	1.013%
62	7.334	890	892	896	rVB	2038967	2013451	13.54%	1.156%
63	7.375	896	899	902	rBV2	526996	714733	4.81%	0.410%
64	7.398	902	903	909	rVV3	427311	588467	3.96%	0.338%
65	7.463	909	914	916	rVV2	665473	909574	6.12%	0.522%
66	7.487	916	918	923	rVV	1374718	1527629	10.27%	0.877%
67	7.534	923	926	928	rVV3	343874	334939	2.25%	0.192%
68	7.569	928	932	934	rVV2	407352	465630	3.13%	0.267%
69	7.669	944	949	951	rBV5	147184	209257	1.41%	0.120%
70	7.704	951	955	957	rVV	439858	519041	3.49%	0.298%
71	7.728	957	959	960	rVV2	339883	298158	2.01%	0.171%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.763	960	965	967	rVV	2227543	2365050	15.90%	1.358%
73	7.792	967	970	974	rVV	1639067	1647860	11.08%	0.946%
74	7.834	974	977	981	rVB2	669645	630814	4.24%	0.362%
75	7.898	986	988	989	rBV	211458	158952	1.07%	0.091%
76	7.957	995	998	1001	rBV	158610	166372	1.12%	0.096%
77	8.004	1001	1006	1008	rVV	1946223	1770928	11.91%	1.017%
78	8.022	1008	1009	1012	rVB	297353	225781	1.52%	0.130%
79	8.134	1026	1028	1038	rVB	384671	728572	4.90%	0.418%
80	8.245	1044	1047	1051	rBV2	108273	161911	1.09%	0.093%
81	8.357	1059	1066	1070	rBV	363418	523435	3.52%	0.301%
82	8.392	1070	1072	1074	rVV	258840	220274	1.48%	0.127%
83	8.422	1074	1077	1084	rVB	314284	349318	2.35%	0.201%
84	8.822	1142	1145	1148	rVB	164955	170951	1.15%	0.098%
85	9.081	1183	1189	1192	rBV	5390087	5723795	38.49%	3.287%
86	9.475	1249	1256	1264	rBV	545175	559142	3.76%	0.321%
87	9.757	1298	1304	1311	rBV	1773847	1773743	11.93%	1.019%
88	10.545	1432	1438	1441	rBV	3621713	3686087	24.79%	2.117%
89	11.233	1551	1555	1562	rBV	1909259	1688130	11.35%	0.970%
90	11.774	1642	1647	1654	rBV	825703	868048	5.84%	0.499%
91	12.551	1776	1779	1791	rBV	404308	408252	2.75%	0.234%
92	12.816	1819	1824	1828	rBV	4221508	4504921	30.29%	2.587%
93	13.721	1974	1978	1989	rVB	204485	294843	1.98%	0.169%
94	13.857	1997	2001	2015	rVB2	1205676	1458911	9.81%	0.838%
95	14.339	2081	2083	2095	rVB2	133043	168227	1.13%	0.097%
96	14.633	2130	2133	2137	rBV	168491	170448	1.15%	0.098%
97	14.951	2184	2187	2191	rVB	197211	214130	1.44%	0.123%
98	15.268	2236	2241	2245	rBV	895545	1144047	7.69%	0.657%
99	15.304	2245	2247	2251	rVB	159020	189425	1.27%	0.109%
100	15.710	2312	2316	2320	rBV	163649	224226	1.51%	0.129%

Sum of corrected areas: 174120909

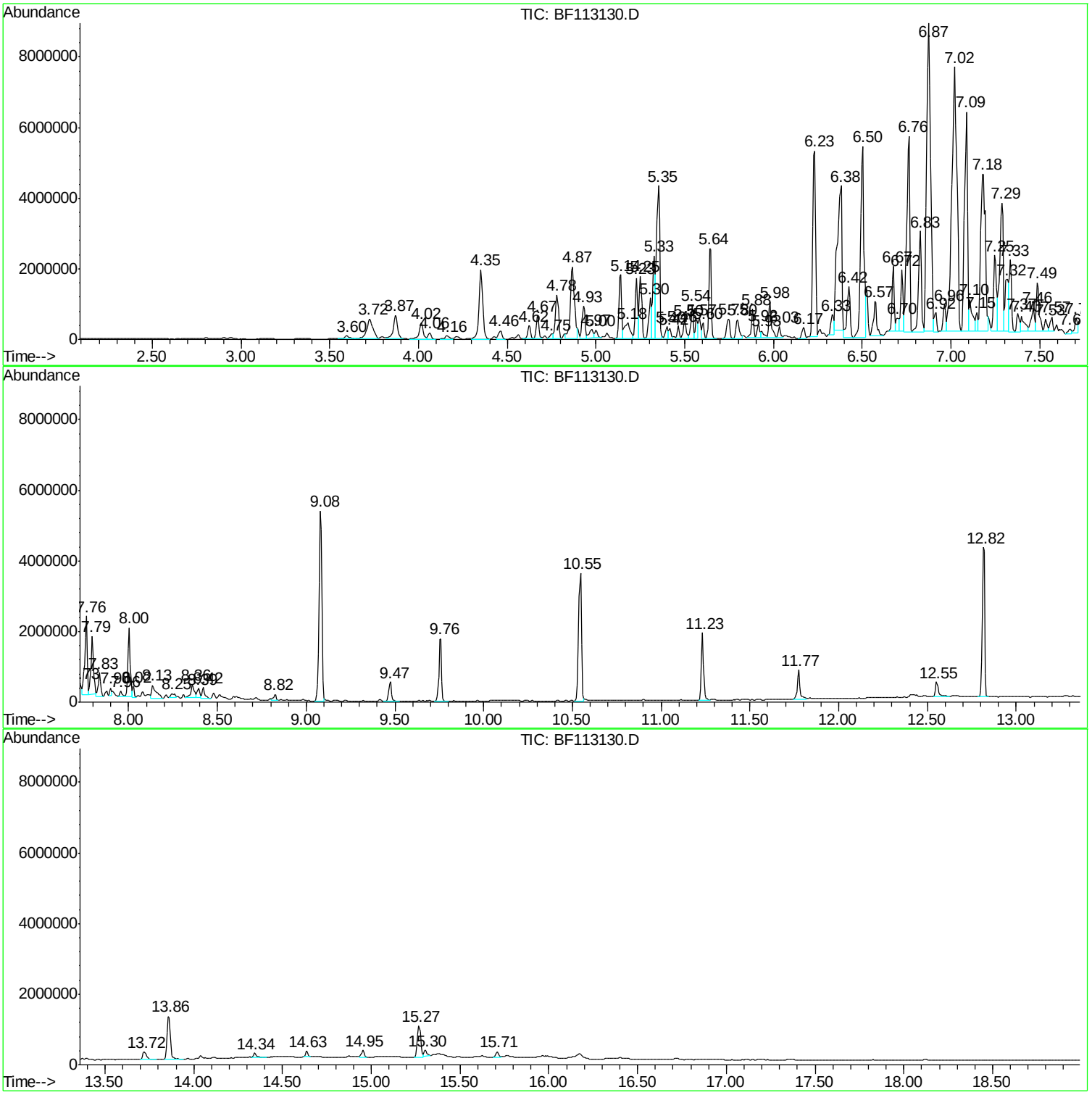
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

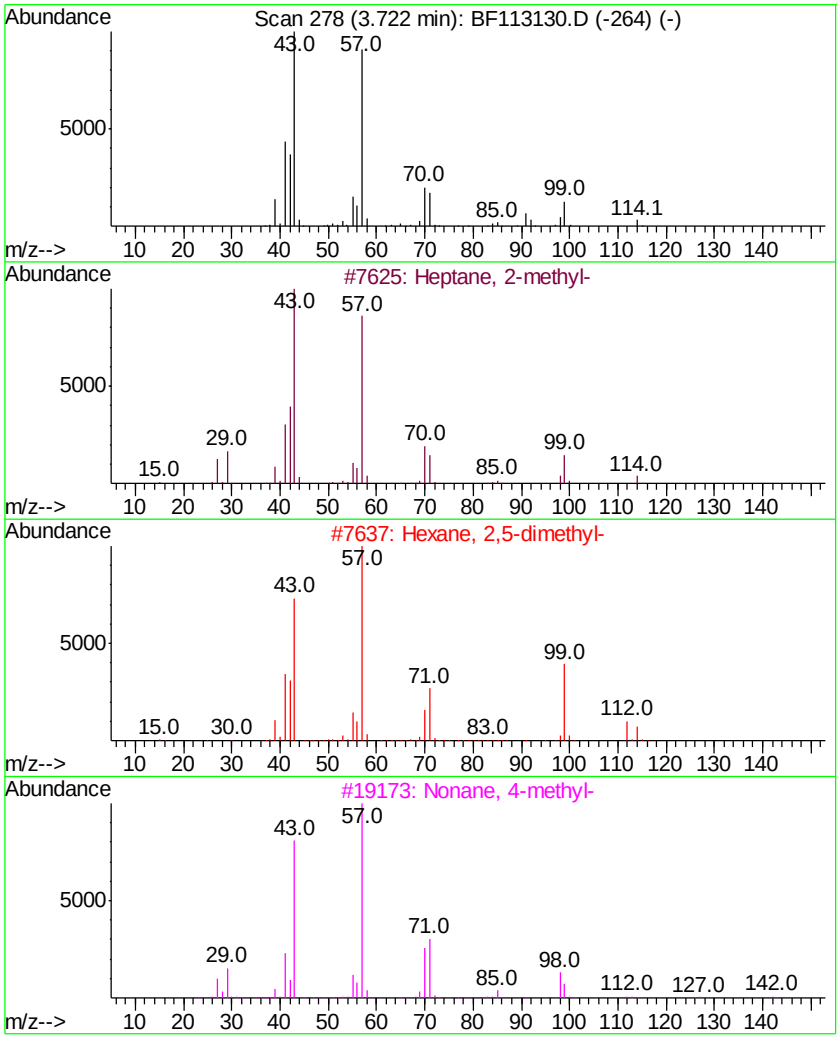
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

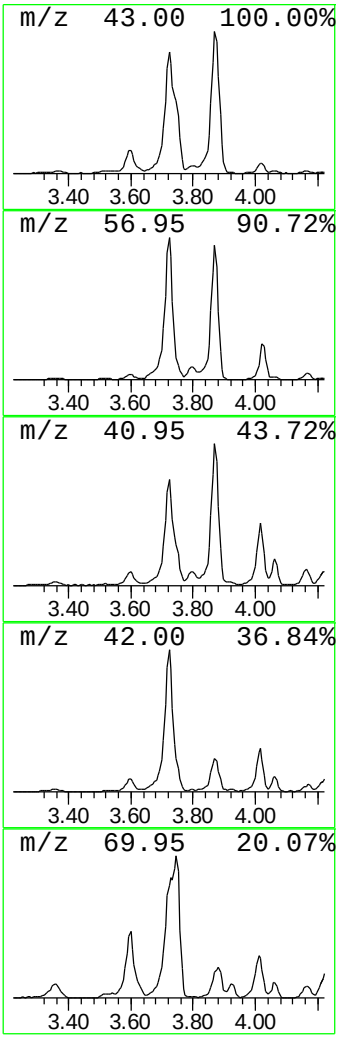
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	16.64 ng	1410940	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53
5	Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

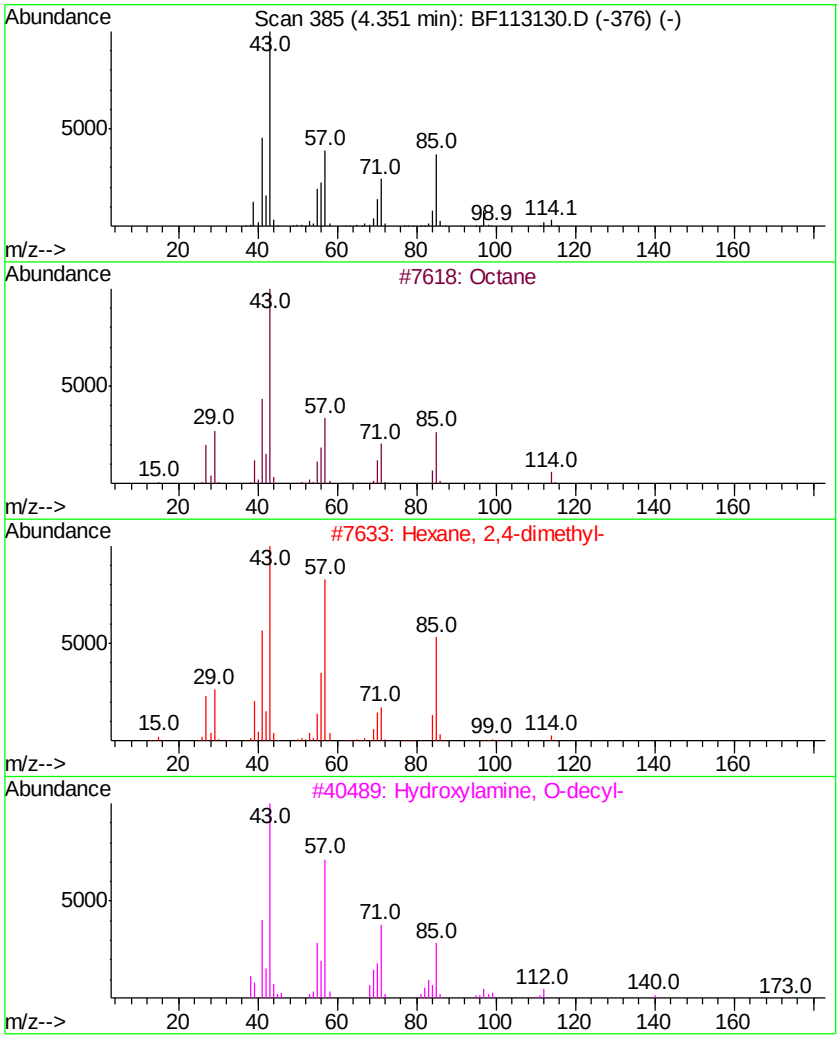
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

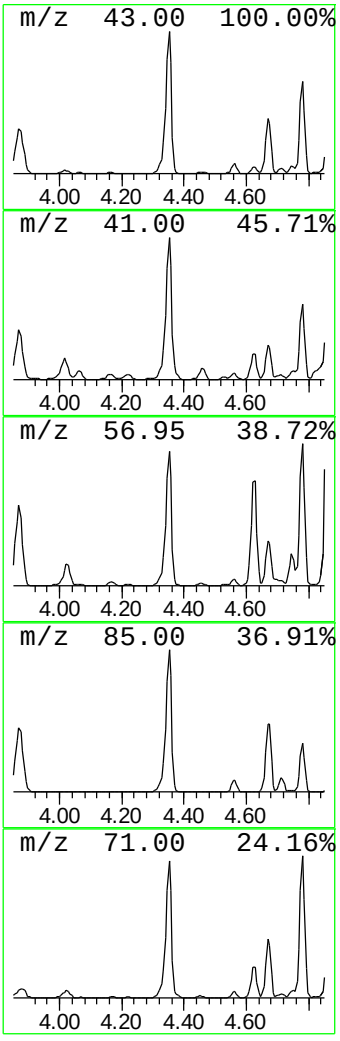
****

Peak Number 2 Octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	33.00 ng	2798050	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

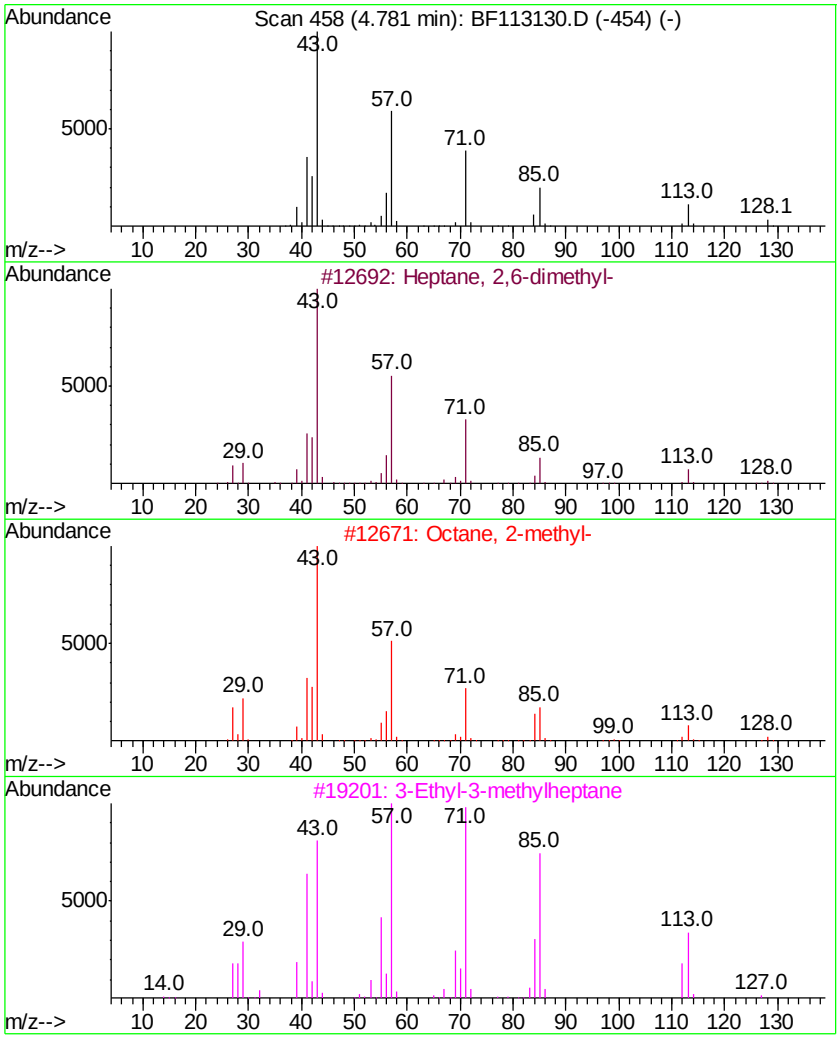
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

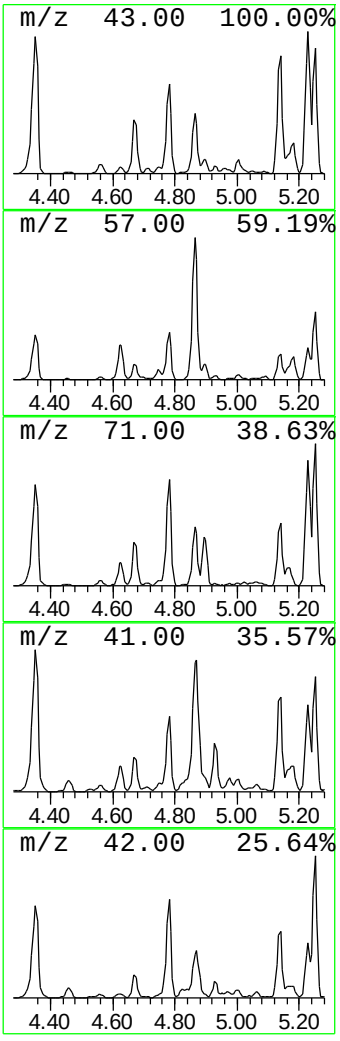
****

Peak Number 3 Heptane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	16.18 ng	1371970	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	74
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

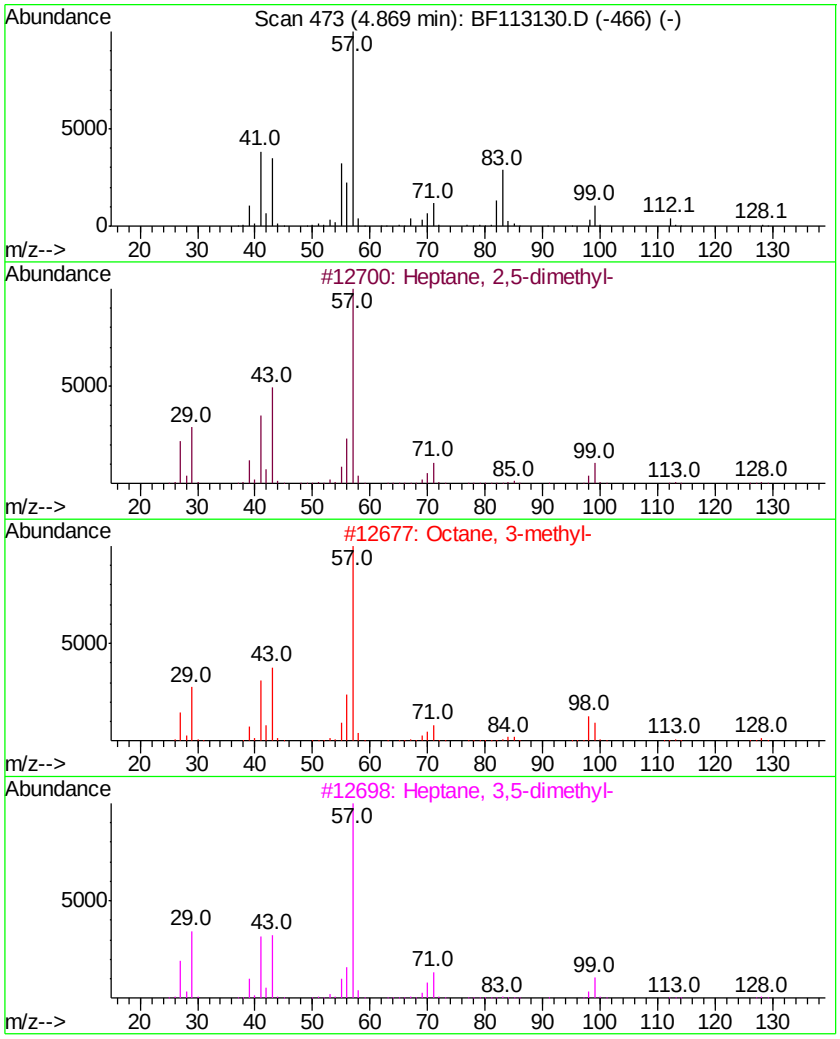
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

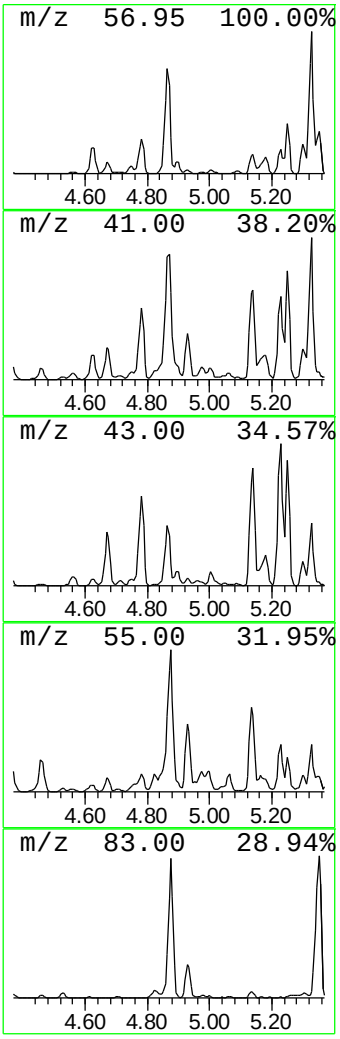
****

Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	38.13 ng	3232640	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	47
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	45
4	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	43
5	Formic acid, 2-ethylhexyl ester	158	C9H18O2	1000368-94-7	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

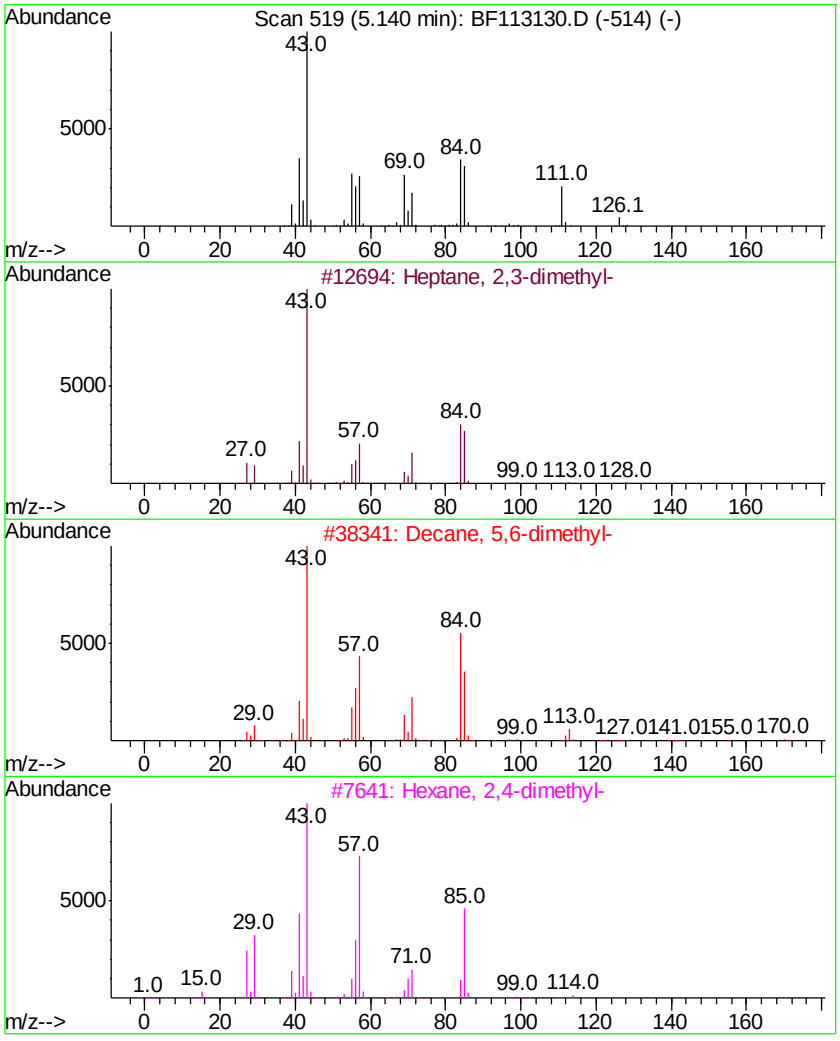
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

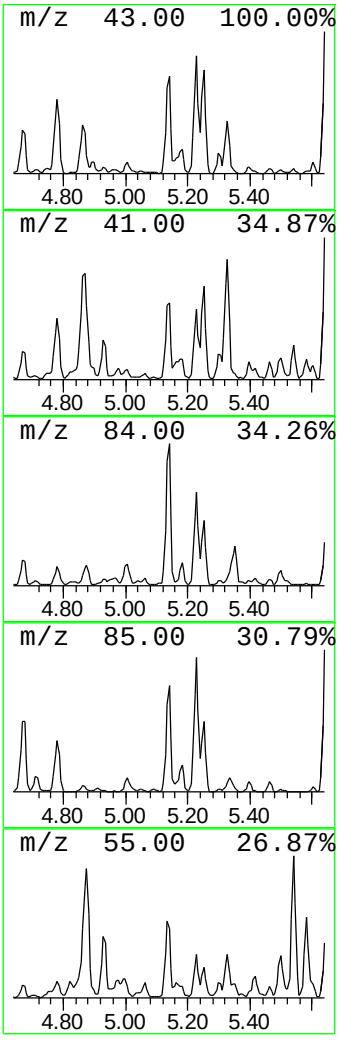
****

Peak Number 5 Heptane, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	24.20 ng	2051460	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	62
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
4	Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	47
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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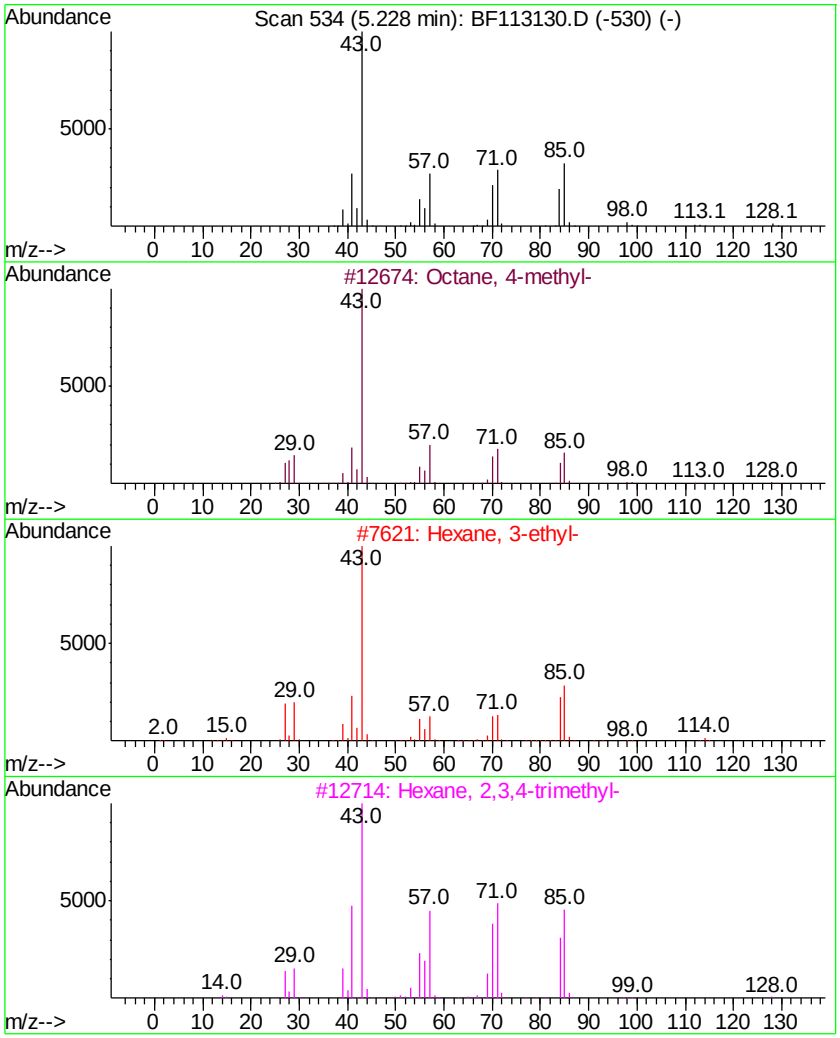
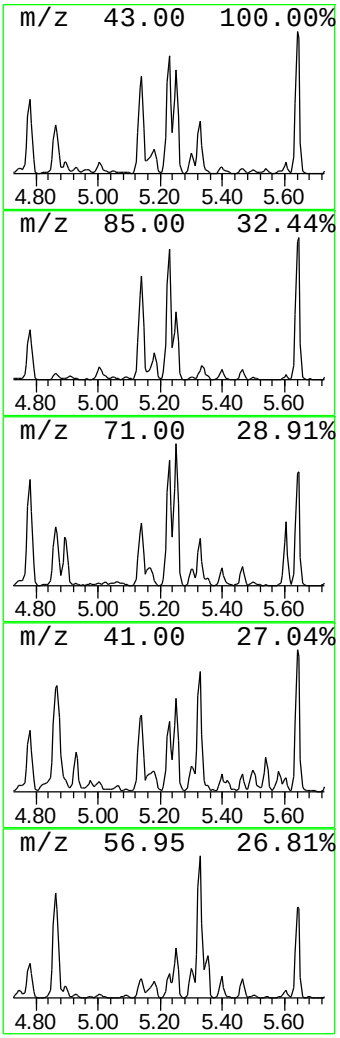
Peak Number 6 Octane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	22.02 ng	1866620	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64





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Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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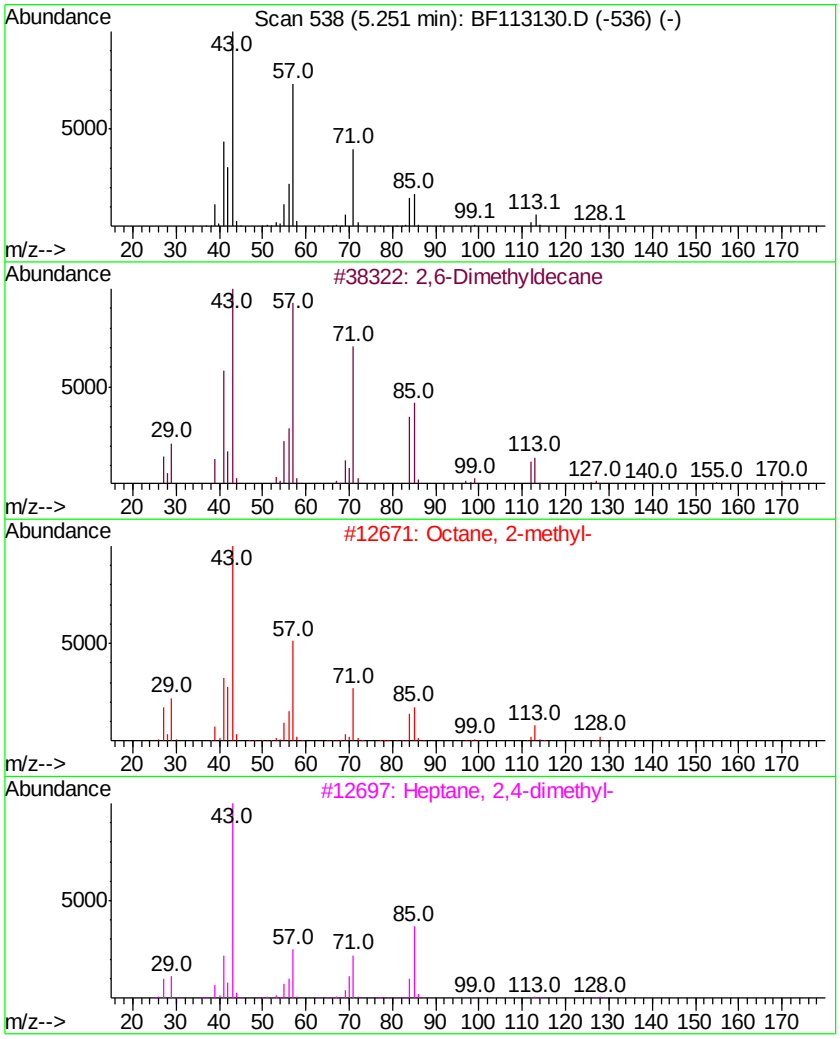
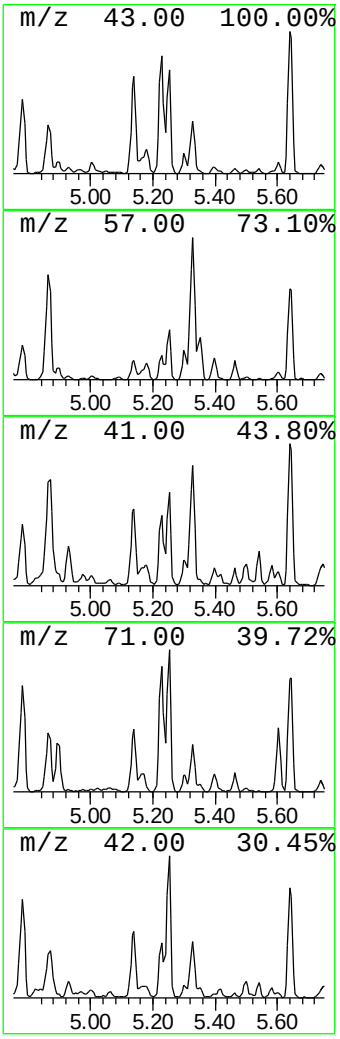
Peak Number 7 2,6-Dimethyldecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	17.60 ng	1492260	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	78
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	59





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Instrument : BNA_F
ClientSampleId : WC4

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TIC Library : C:\DATABASE\NIST11.L
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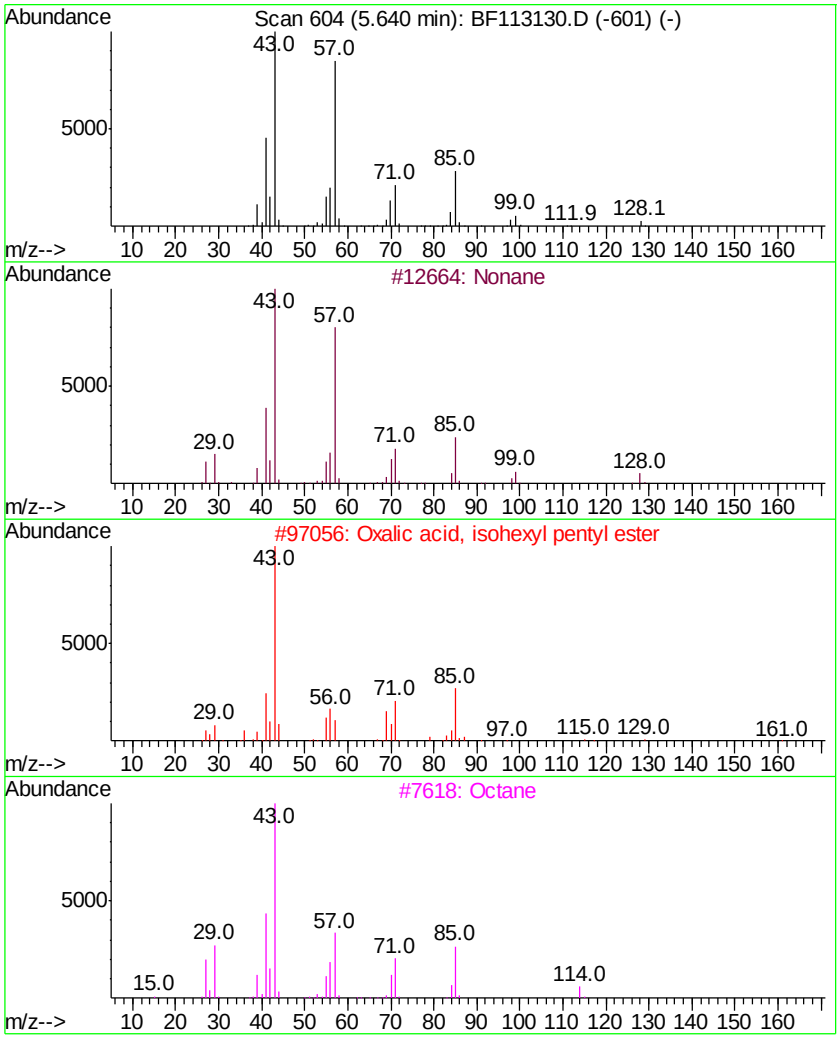
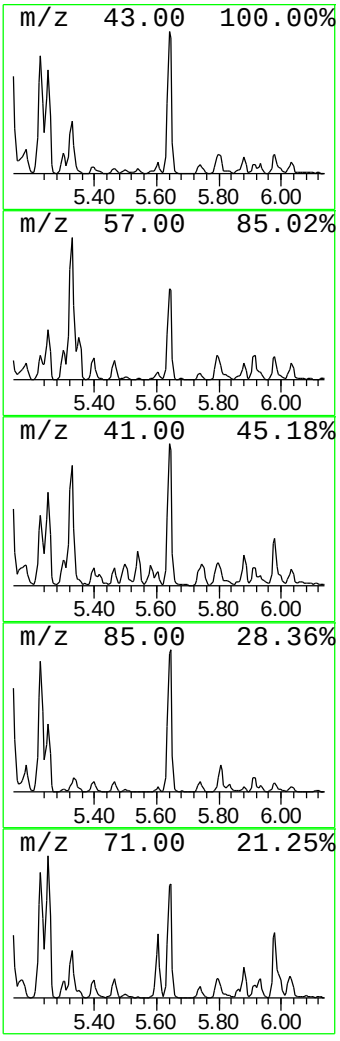
Peak Number 8 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	30.52 ng	2587340	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
3	Octane	114	C8H18	000111-65-9	64
4	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	53
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53





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Instrument : BNA_F
ClientSampleId : WC4

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TIC Integration Parameters: LSCINT.P

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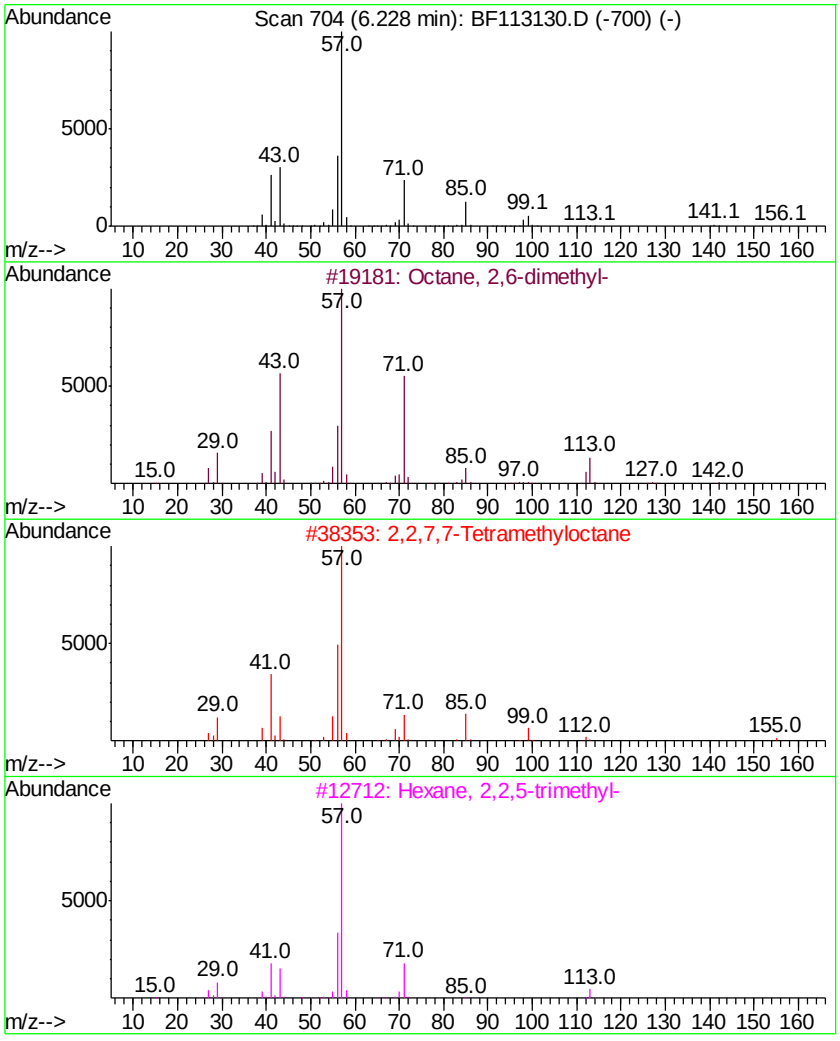
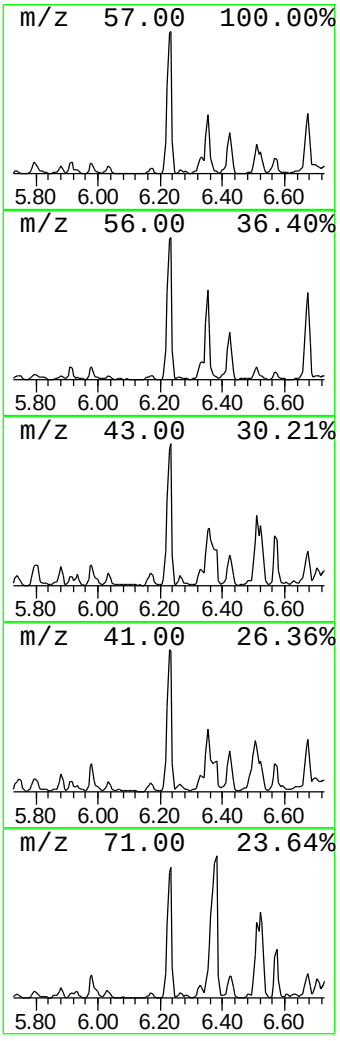
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	66.10 ng	5603990	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	56
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53





Library Search Compound Report

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ClientSampleId : WC4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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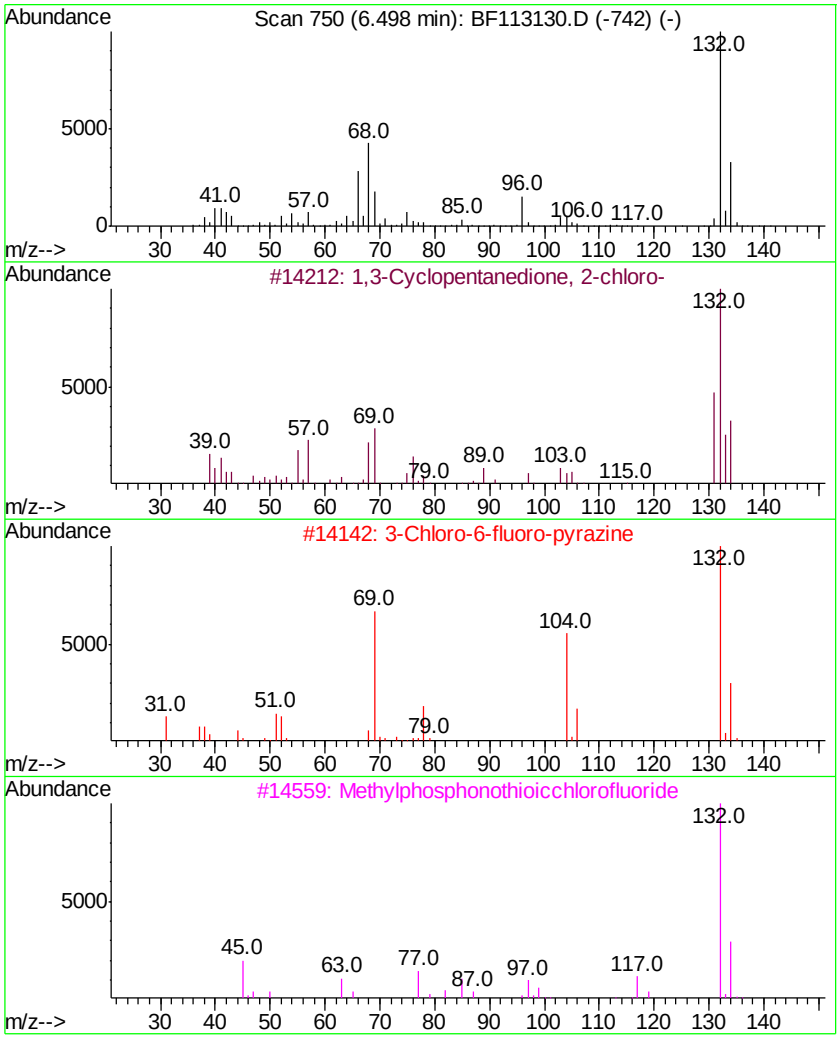
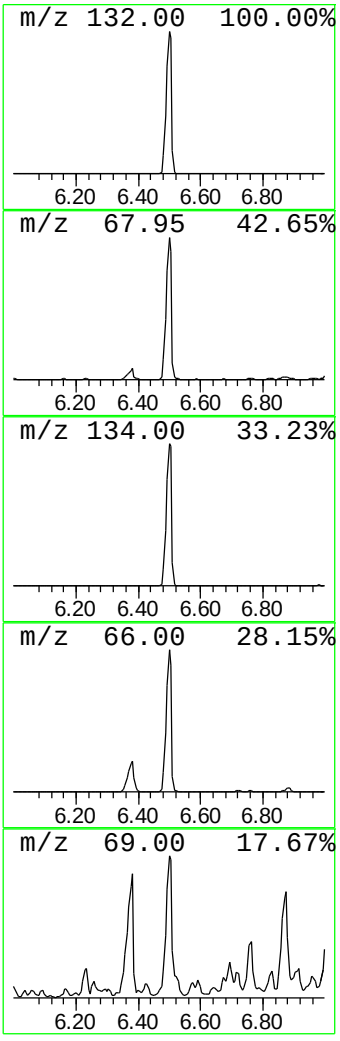
Peak Number 10 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	86.68 ng	7349160	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	43
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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TIC Library : C:\DATABASE\NIST11.L
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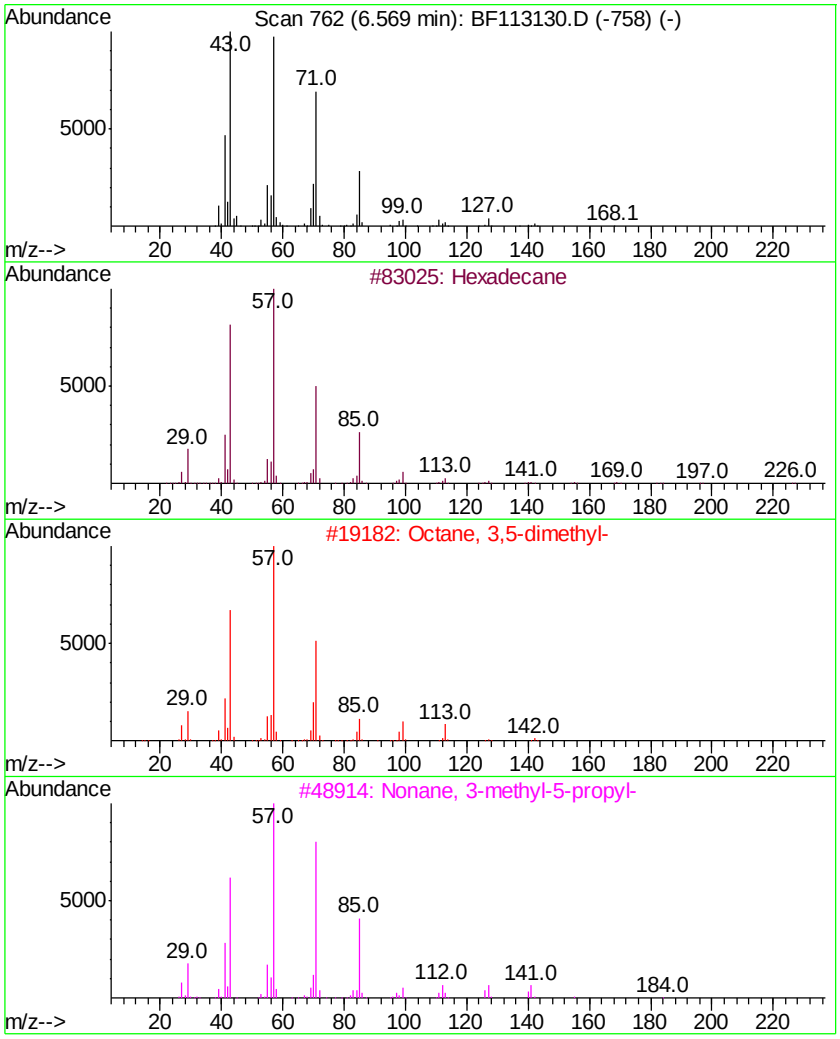
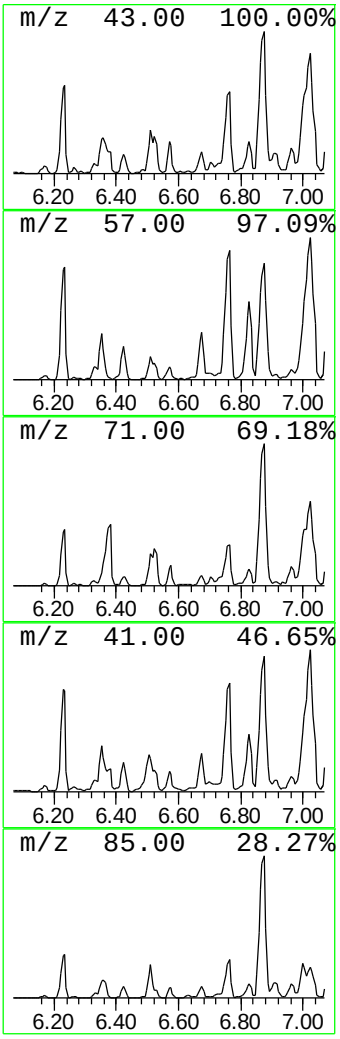
Peak Number 11 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	15.22 ng	1290450	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4	Tritetracontane	605	C43H88	007098-21-7	64
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59





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Instrument : BNA_F
ClientSampleId : WC4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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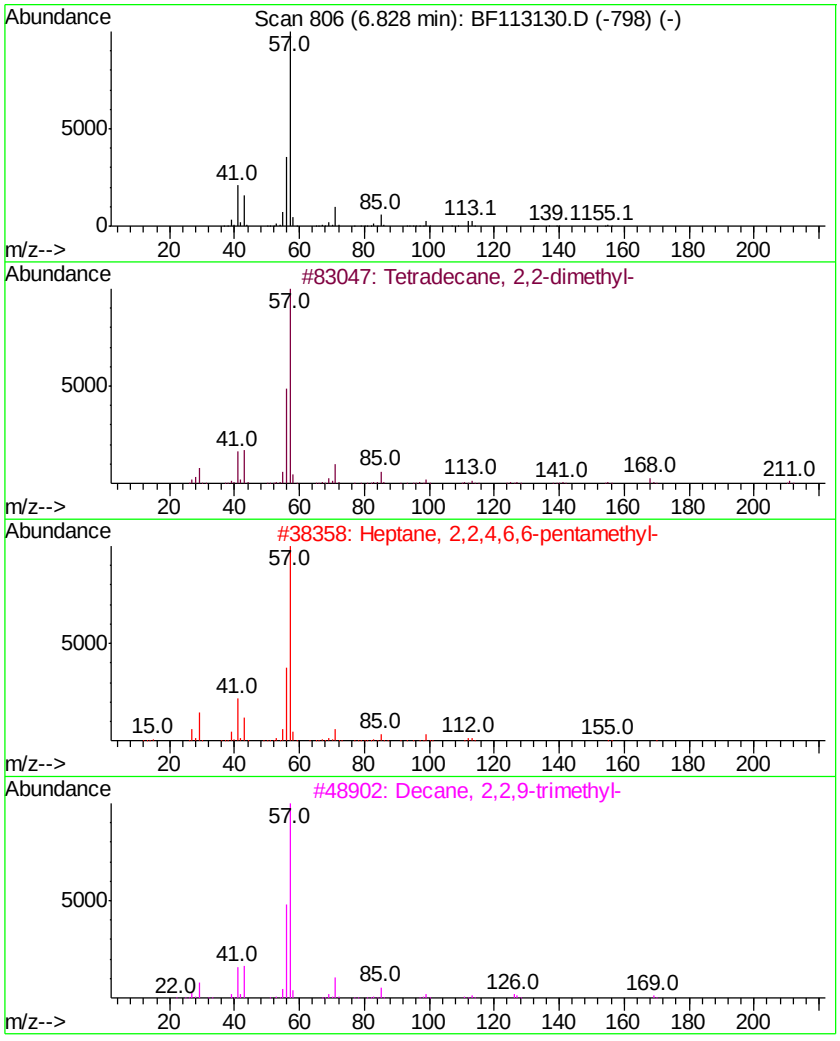
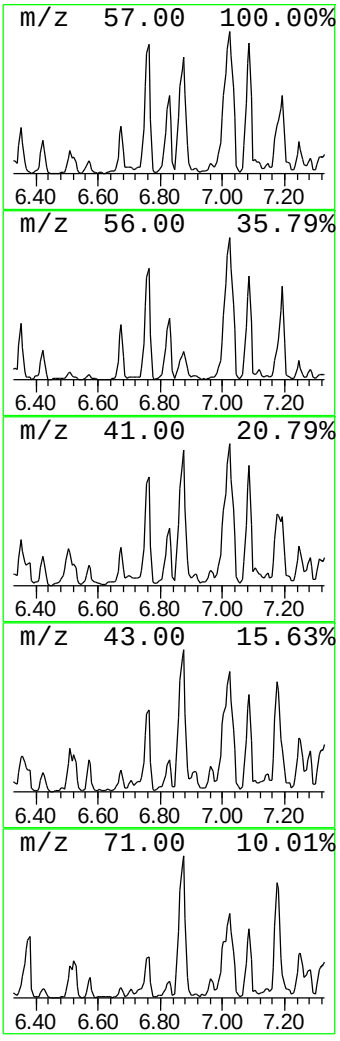
Peak Number 12 Tetradecane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	42.15 ng	3573370	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	83
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	83
3	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
5	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Decane, 2,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	168.10 ng	14251600	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
2	Heneicosane	296	C21H44	000629-94-7	64
3	Heptadecane	240	C17H36	000629-78-7	53
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
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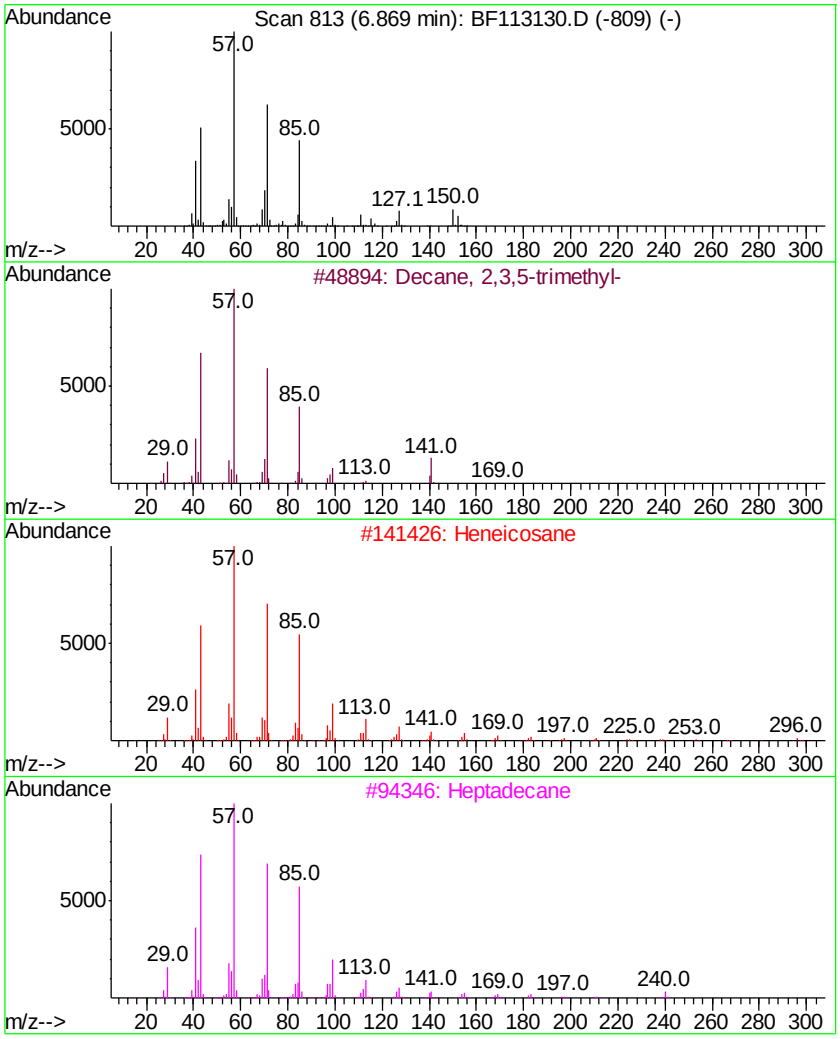

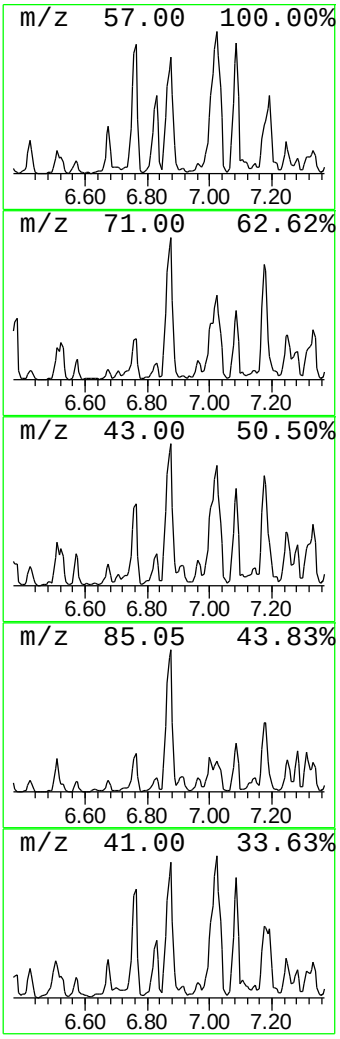

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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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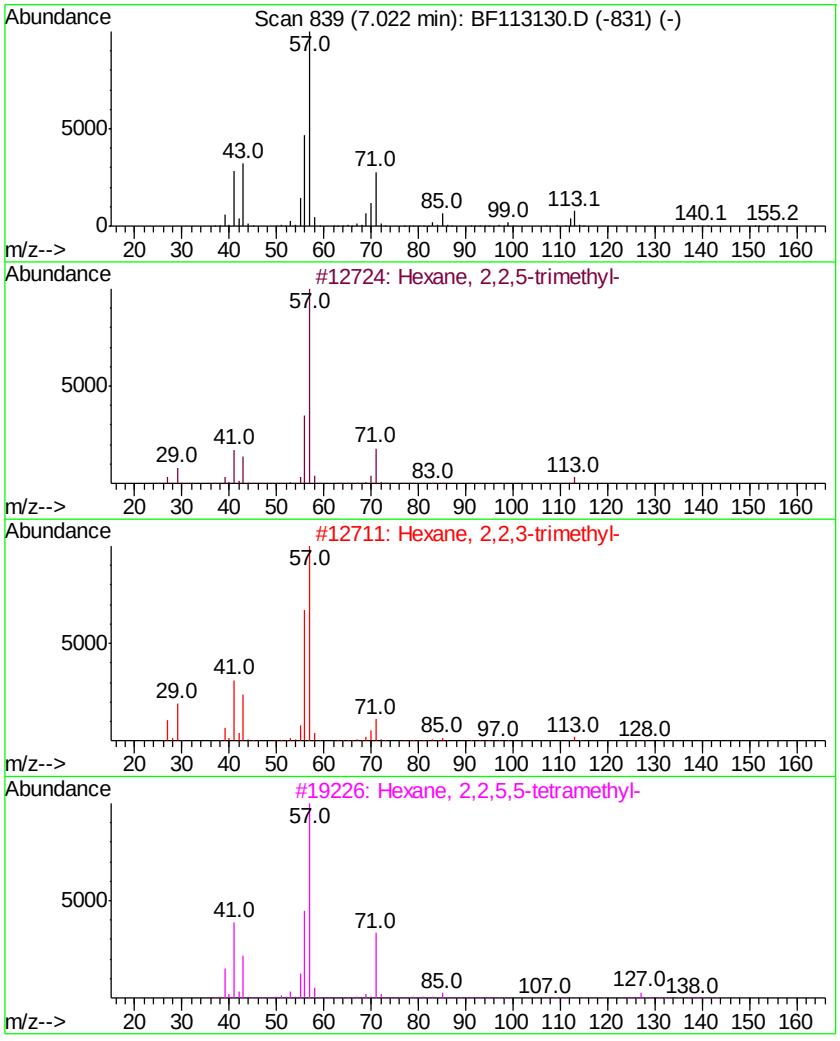
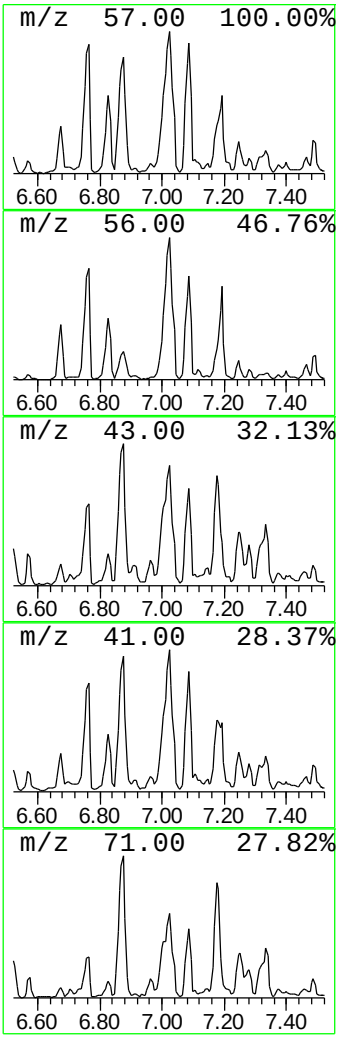
Peak Number 14 Hexane, 2,2,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	175.40 ng	14870300	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





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TIC Integration Parameters: LSCINT.P

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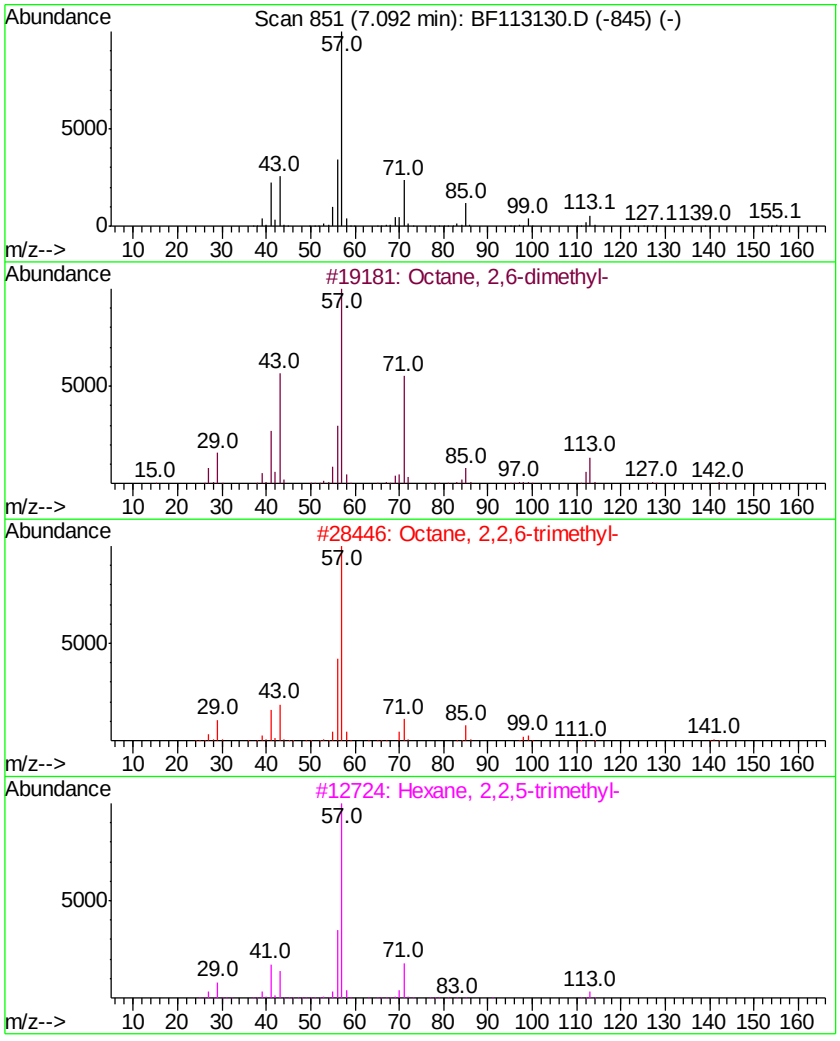
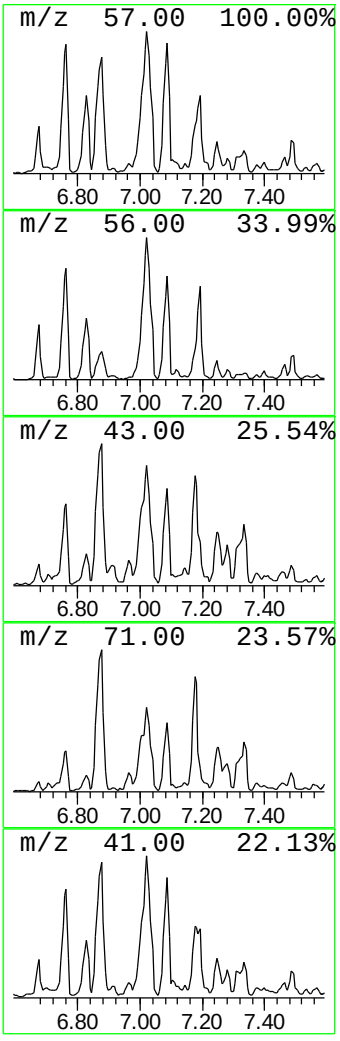
Peak Number 15 Hexane, 2,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	82.05 ng	6956600	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50





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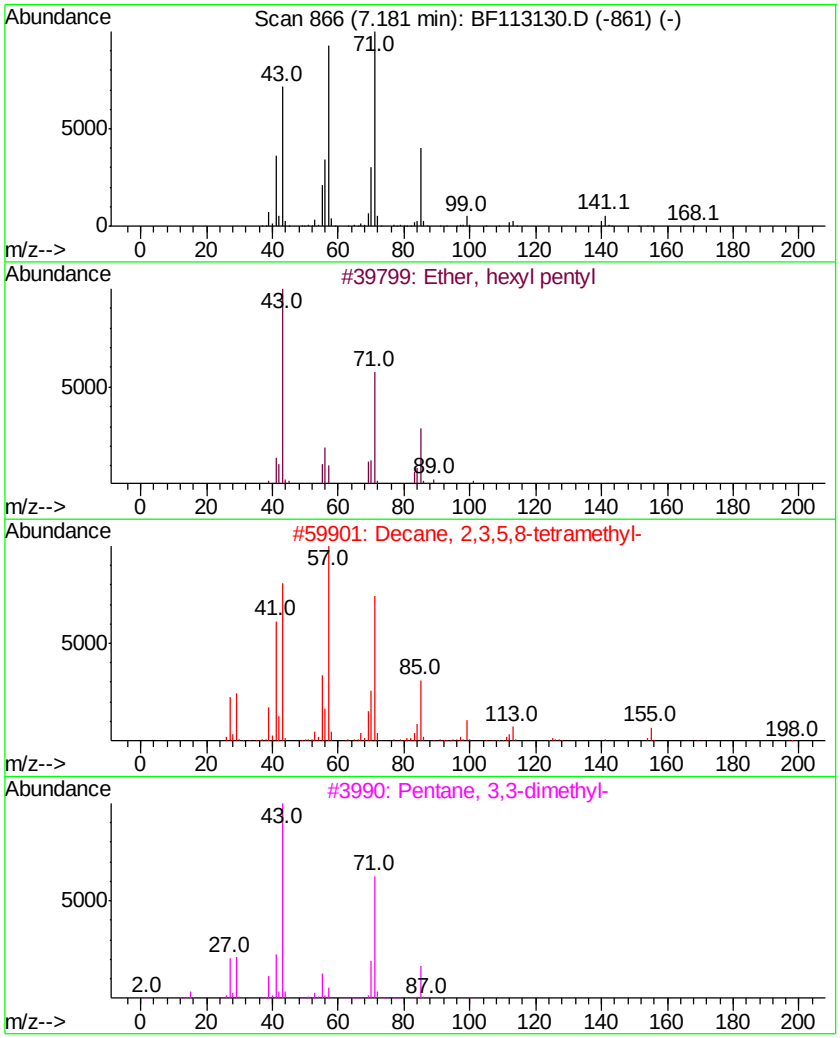
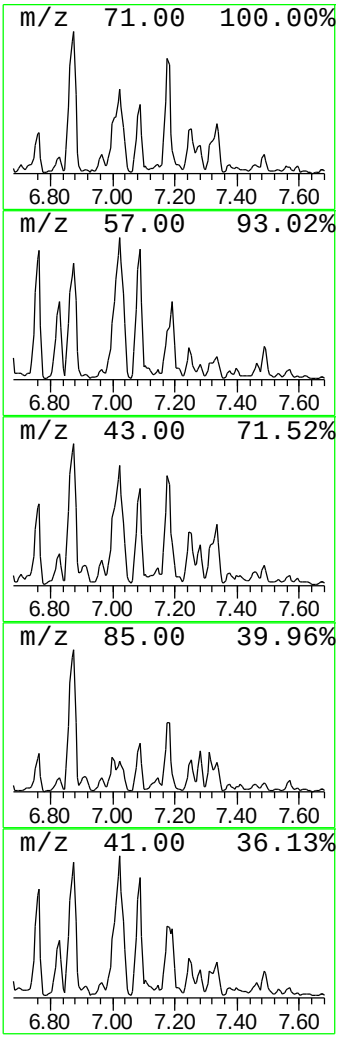
Peak Number 17 Ether, hexyl pentyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	93.03 ng	7886900	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	72
2	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	53





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Instrument : BNA_F
ClientSampleId : WC4

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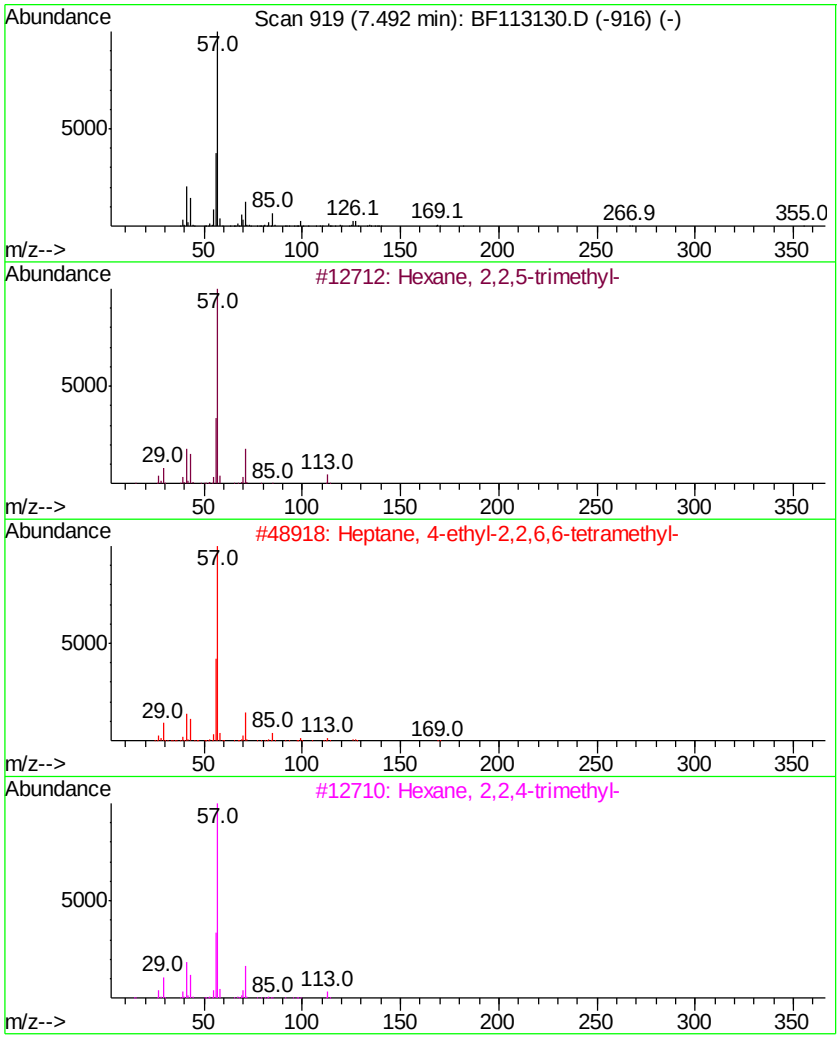
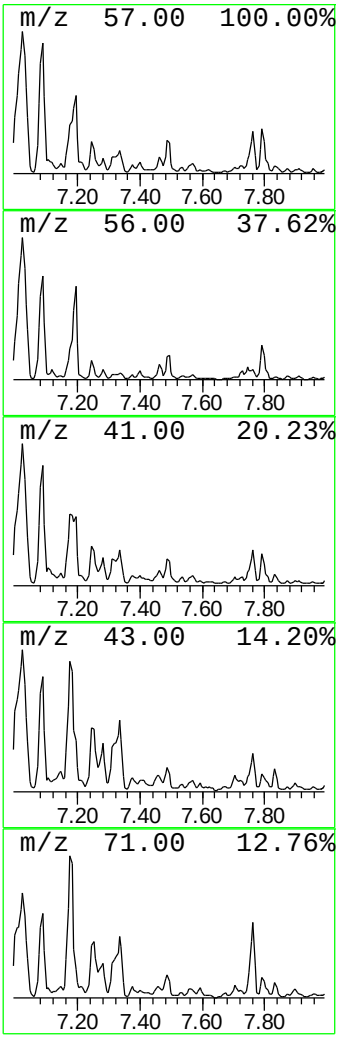
Peak Number 18 Tridecane, 6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	17.25 ng	1527630	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53





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Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

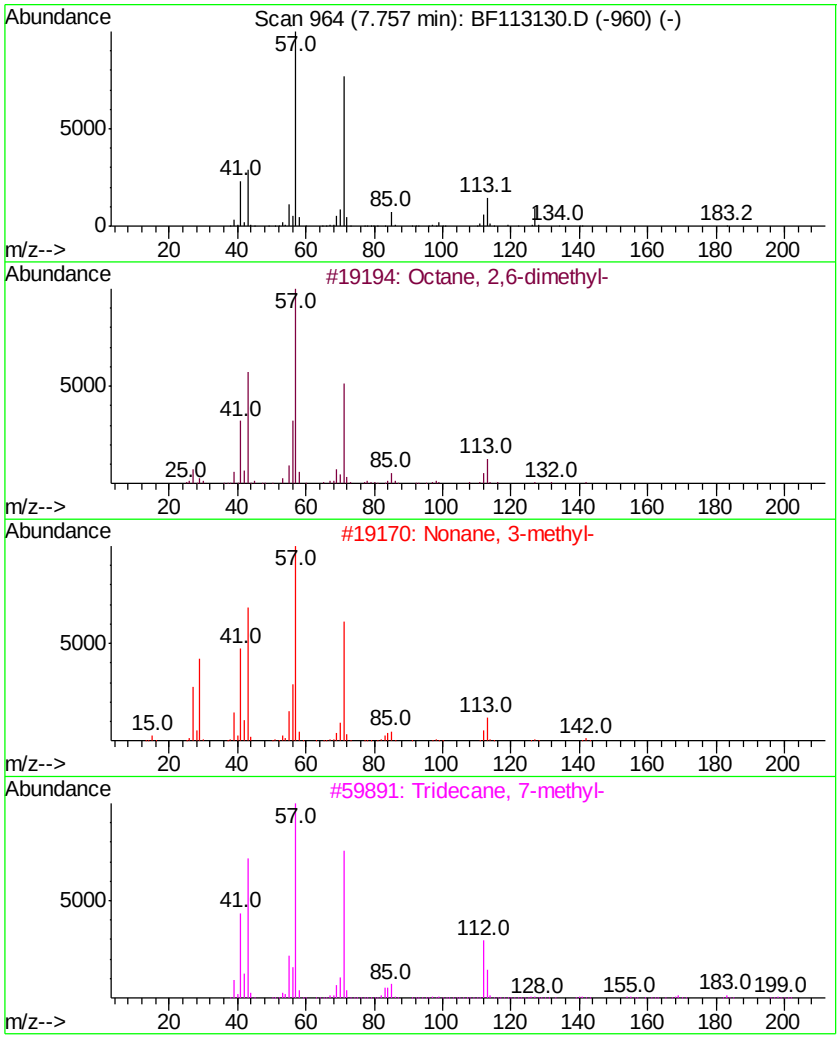
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

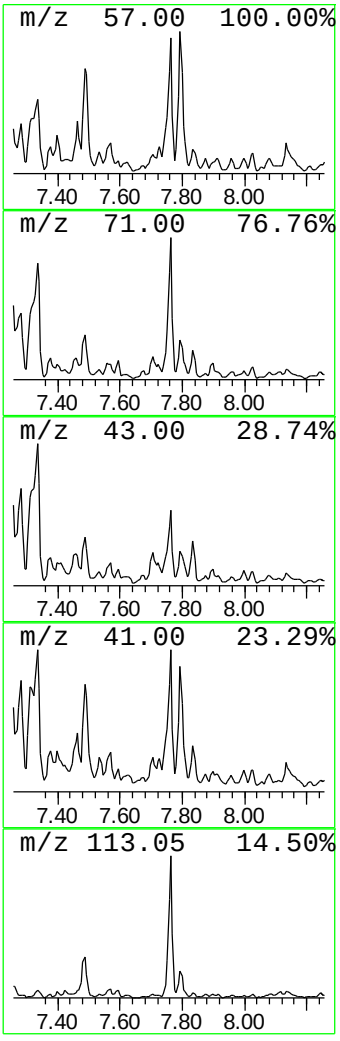
****

Peak Number 19 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	26.71 ng	2365050	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Hexadecane	226	C16H34	000544-76-3	59





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Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

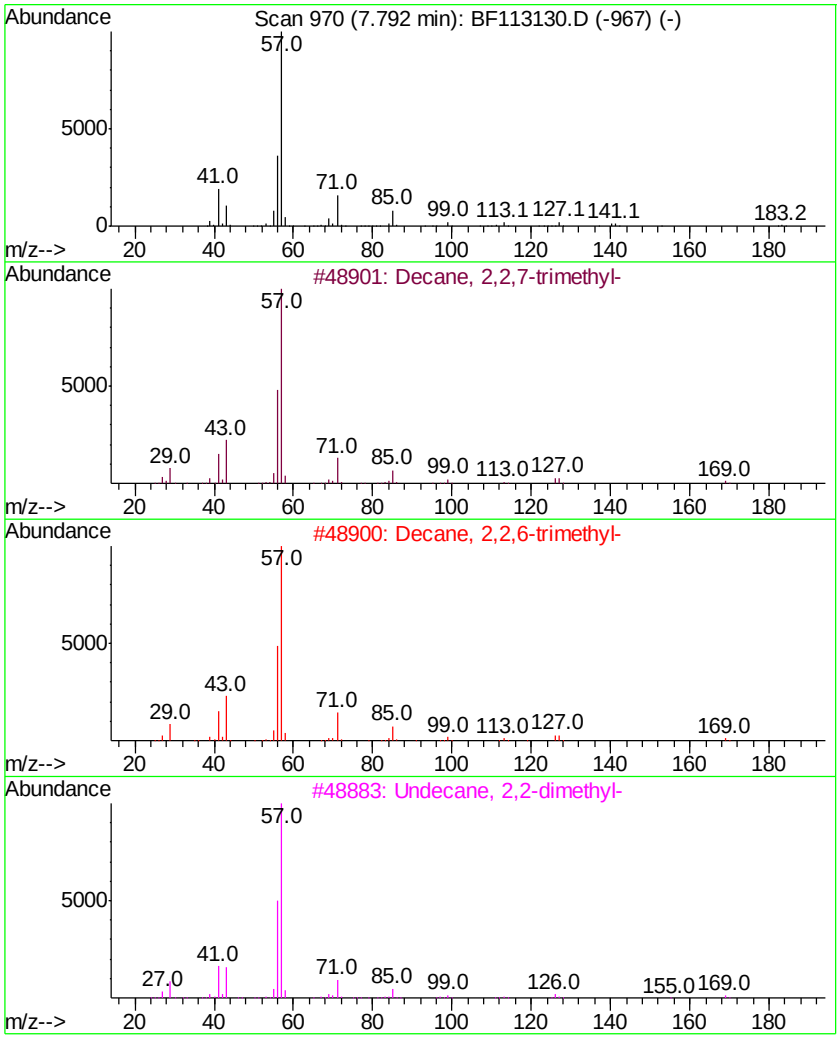
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

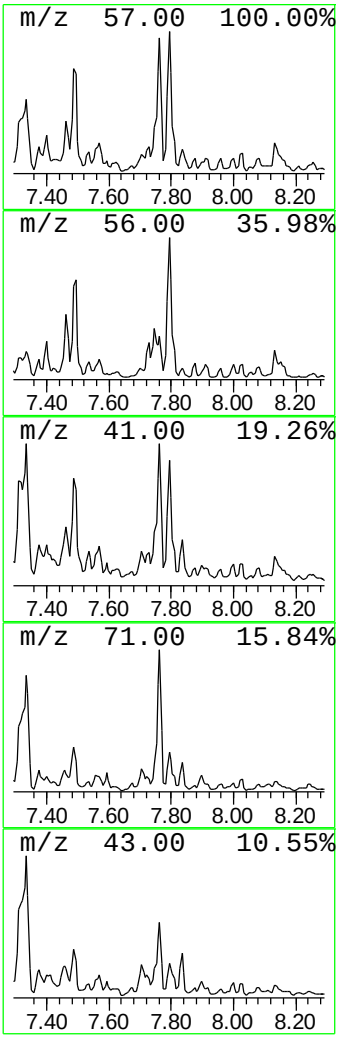
****

Peak Number 20 Decane, 2,2,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	18.61 ng	1647860	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	78
2	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
3	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	72
4	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113130.D
Acq On : 19 Mar 2019 17:23
Operator : JU/SJ
Sample : K1974-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2-methyl-	3.72	16.6	ng	1410940	1	6.72	1695620	20.0
Octane	4.35	33.0	ng	2798050	1	6.72	1695620	20.0
Heptane, 2,6-dime...	4.78	16.2	ng	1371970	1	6.72	1695620	20.0
Heptane, 2,5-dime...	4.87	38.1	ng	3232640	1	6.72	1695620	20.0
Heptane, 2,3-dime...	5.14	24.2	ng	2051460	1	6.72	1695620	20.0
Octane, 4-methyl-	5.23	22.0	ng	1866620	1	6.72	1695620	20.0
2,6-Dimethyldecane	5.25	17.6	ng	1492260	1	6.72	1695620	20.0
Nonane	5.64	30.5	ng	2587340	1	6.72	1695620	20.0
Octane, 2,6-dimet...	6.23	66.1	ng	5603990	1	6.72	1695620	20.0
unknown6.50	6.50	86.7	ng	7349160	1	6.72	1695620	20.0
Hexadecane	6.57	15.2	ng	1290450	1	6.72	1695620	20.0
Tetradecane, 2,2-...	6.83	42.1	ng	3573370	1	6.72	1695620	20.0
Decane, 2,3,5-tri...	6.87	168.1	ng	14251600	1	6.72	1695620	20.0
Hexane, 2,2,5-tri...	7.02	175.4	ng	14870300	1	6.72	1695620	20.0
Hexane, 2,2,4-tri...	7.09	82.0	ng	6956600	1	6.72	1695620	20.0
Ether, hexyl pentyl	7.18	93.0	ng	7886900	1	6.72	1695620	20.0
Tridecane, 6-methyl-	7.49	17.3	ng	1527630	2	8.00	1770930	20.0
Nonane, 3-methyl-	7.76	26.7	ng	2365050	2	8.00	1770930	20.0
Decane, 2,2,7-tri...	7.79	18.6	ng	1647860	2	8.00	1770930	20.0