LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114681.D
Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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-BF052919.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	4.216	357	362	368	rVB	267498	330047	6.16%	0.339%
2	4.863	469	472	480	rVB	429524	518781	9.68%	0.532%
3	5.292	541	545	548	rVB	2405747	2153585	40.19%	2.209%
4	5.610	596	599	606	rBV	670063	669136	12.49%	0.686%
5	5.722	609	618	621	rBV3	267696	382838	7.14%	0.393%
6	5.781	621	628	631	rBV3	118778	234310	4.37%	0.240%
7	5.857	636	641	645	rVB	400730	408978	7.63%	0.419%
8	5.916	645	651	655	rBV4	152254	282233	5.27%	0.289%
9	5.957	655	658	664	rVB2	972002	1107179	20.66%	1.136%
10	6.016	664	668	670	rBV	333029	327063	6.10%	0.335%
11	6.151	684	691	694	rBV4	410474	596950	11.14%	0.612%
12	6.216	699	702	703	rBV	457356	400656	7.48%	0.411%
13	6.239	703	706	709	rVB3	657762	783357	14.62%	0.803%
14	6.322	714	720	723	rVV2	3135049	3372555	62.93%	3.459%
15	6.357	724	726	728	rVV	298075	281362	5.25%	0.289%
16	6.381	728	730	732	rVV3	321279	317196	5.92%	0.325%
17	6.404	732	734	738	rVV	300632	342420	6.39%	0.351%
18	6.457	738	743	746	rVV2	3136708	3551014	66.26%	3.642%
19	6.486	746	748	750	rVV	451150	435273	8.12%	0.446%
20	6.528	752	755	756	rVV	723713	633296	11.82%	0.650%
21	6.551	756	759	764	rVV	4027277	3795039	70.82%	3.892%
22	6.598	764	767	768	rVV	187155	203462	3.80%	0.209%
23	6.657	772	777	779	rVV4	364951	661892	12.35%	0.679%
24	6.698	779	784	787	rVV	3107800	3207344	59.85%	3.290%
25	6.734	787	790	792	rVV	2047490	1861957	34.75%	1.910%
26	6.769	792	796	800	rVV3	621401	1157162	21.59%	1.187%
27	6.804	800	802	804	rVV2	373811	440556	8.22%	0.452%
28	6.833	804	807	808	rVV	657178	711387	13.28%	0.730%
29	6.851	808	810	815	rVV2	3530790	3897343	72.73%	3.997%
30	6.892	815	817	820	rVV	491414	483635	9.02%	0.496%
31	6.922	820	822	824	rVV2	275949	335814	6.27%	0.344%
32	6.951	824	827	829	rVV3	465892	663523	12.38%	0.681%
33	6.992	829	834	837	rVV3	1167700	1892131	35.31%	1.941%
34	7.022	837	839	842	rVV2	1483134	1279980	23.89%	1.313%

LSC Area Percent Report

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Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.057	842	845	849	rVV	1466999	1515166	28.27%	1.554%
36	7.098	849	852	855	rVV2	1701542	1828410	34.12%	1.875%
37	7.133	855	858	860	rVV	460639	607077	11.33%	0.623%
38	7.169	863	864	866	rVV	306852	283639	5.29%	0.291%
39	7.192	866	868	870	rVV2	420222	452821	8.45%	0.464%
40	7.251	870	878	882	rVV2	2644590	3615076	67.46%	3.708%
41	7.286	882	884	886	rVV2	551873	633891	11.83%	0.650%
42	7.316	886	889	892	rVV	6358217	5358838	100.00%	5.496%
43	7.357	892	896	900	rVV4	756538	1250144	23.33%	1.282%
44	7.428	900	908	911	rVV6	639584	1293324	24.13%	1.326%
45	7.475	912	916	918	rVV5	450790	612060	11.42%	0.628%
46	7.498	918	920	927	rVV2	931626	1296702	24.20%	1.330%
47	7.551	927	929	931	rVV	169825	176805	3.30%	0.181%
48	7.610	934	939	943	rVV5	697934	1220853	22.78%	1.252%
49	7.645	943	945	947	rVV	325001	296807	5.54%	0.304%
50	7.681	947	951	954	rVV3	388986	563163	10.51%	0.578%
51	7.716	954	957	960	rVV4	459827	629575	11.75%	0.646%
52	7.751	960	963	968	rVV2	511117	569507	10.63%	0.584%
53	7.792	968	970	972	rVV	333305	270768	5.05%	0.278%
54	7.816	972	974	978	rVB2	237706	245067	4.57%	0.251%
55	7.975	998	1001	1004	rVV	4326254	3895617	72.70%	3.996%
56	7.998	1004	1005	1008	rVB	385282	190816	3.56%	0.196%
57	8.586	1101	1105	1108	rBV	260889	207646	3.87%	0.213%
58	8.686	1118	1122	1125	rVB	291130	246806	4.61%	0.253%
59	8.780	1134	1138	1143	rBV	186904	193405	3.61%	0.198%
60	9.051	1180	1184	1187	rBV	3599923	3036327	56.66%	3.114%
61	9.145	1196	1200	1205	rBV	337541	292216	5.45%	0.300%
62	9.310	1224	1228	1232	rBV	135568	186998	3.49%	0.192%
63	9.380	1235	1240	1243	rBV	173796	192264	3.59%	0.197%
64	9.439	1248	1250	1253	rBV	371184	303420	5.66%	0.311%
65	9.674	1287	1290	1293	rBV	278306	209018	3.90%	0.214%
66	9.722	1293	1298	1301	rBV	3528642	2998612	55.96%	3.076%
67	9.751	1301	1303	1307	rVB	411337	337431	6.30%	0.346%
68	9.922	1326	1332	1336	rVV	377035	386544	7.21%	0.396%
69	10.169	1372	1374	1377	rVB	248349	189781	3.54%	0.195%
70	10.263	1387	1390	1393	rBV	285883	216733	4.04%	0.222%
71	10.498	1427	1430	1435	rVB2	953430	810239	15.12%	0.831%

LSC Area Percent Report

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Acq On : 31 May 2019 00:46
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Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.639	1451	1454	1456	rBV2	270050	260435	4.86%	0.267%
73	11.086	1527	1530	1533	rVV2	368313	333130	6.22%	0.342%
74	11.198	1545	1549	1551	rBV	2992429	2884191	53.82%	2.958%
75	11.216	1551	1552	1556	rVV	1746454	1269127	23.68%	1.302%
76	11.269	1556	1561	1564	rVB	559133	467602	8.73%	0.480%
77	11.510	1600	1602	1608	rVB2	237982	268698	5.01%	0.276%
78	11.698	1631	1634	1636	rBV	219496	214302	4.00%	0.220%
79	11.721	1636	1638	1643	rVB	342884	314023	5.86%	0.322%
80	11.804	1649	1652	1655	rBV	519652	544113	10.15%	0.558%
81	11.916	1669	1671	1675	rBV2	263673	250273	4.67%	0.257%
82	11.992	1681	1684	1685	rBV	185772	171107	3.19%	0.175%
83	12.245	1724	1727	1729	rBV	192413	166644	3.11%	0.171%
84	12.304	1735	1737	1739	rBV2	268703	199356	3.72%	0.204%
85	12.398	1750	1753	1757	rVB	2302207	2138209	39.90%	2.193%
86	12.451	1759	1762	1767	rBV3	231921	270636	5.05%	0.278%
87	12.627	1787	1792	1794	rBV	2201028	2211772	41.27%	2.268%
88	12.674	1798	1800	1806	rVB2	341883	347933	6.49%	0.357%
89	12.774	1814	1817	1824	rVB	3061989	2712807	50.62%	2.782%
90	12.957	1845	1848	1851	rVB	282088	290574	5.42%	0.298%
91	13.027	1856	1860	1863	rBV2	332340	395652	7.38%	0.406%
92	13.057	1863	1865	1867	rBV	228703	182163	3.40%	0.187%
93	13.368	1916	1918	1922	rVB2	284286	262325	4.90%	0.269%
94	13.698	1970	1974	1979	rVB2	426338	576152	10.75%	0.591%
95	13.815	1990	1994	1997	rBV2	2579519	3117503	58.17%	3.197%
96	13.845	1997	1999	2001	rVB	670077	528620	9.86%	0.542%
97	14.315	2077	2079	2083	rBV2	367479	417372	7.79%	0.428%
98	14.609	2127	2129	2134	rVB	421469	427416	7.98%	0.438%
99	14.821	2162	2165	2167	rBV	446816	594559	11.09%	0.610%
100	15.209	2228	2231	2234	rVB	1348202	1349796	25.19%	1.384%

Sum of corrected areas: 97499510

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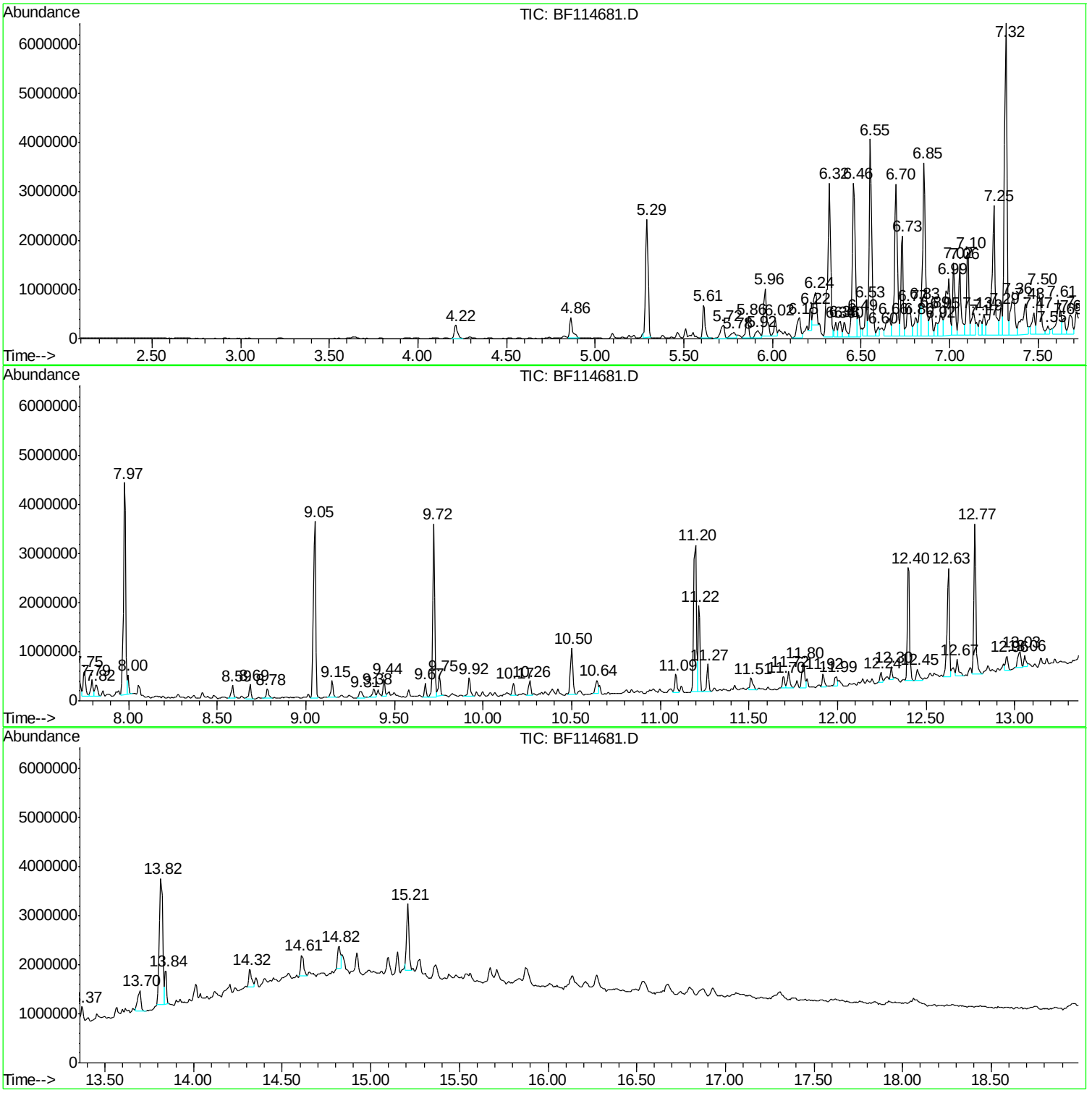
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114681.D
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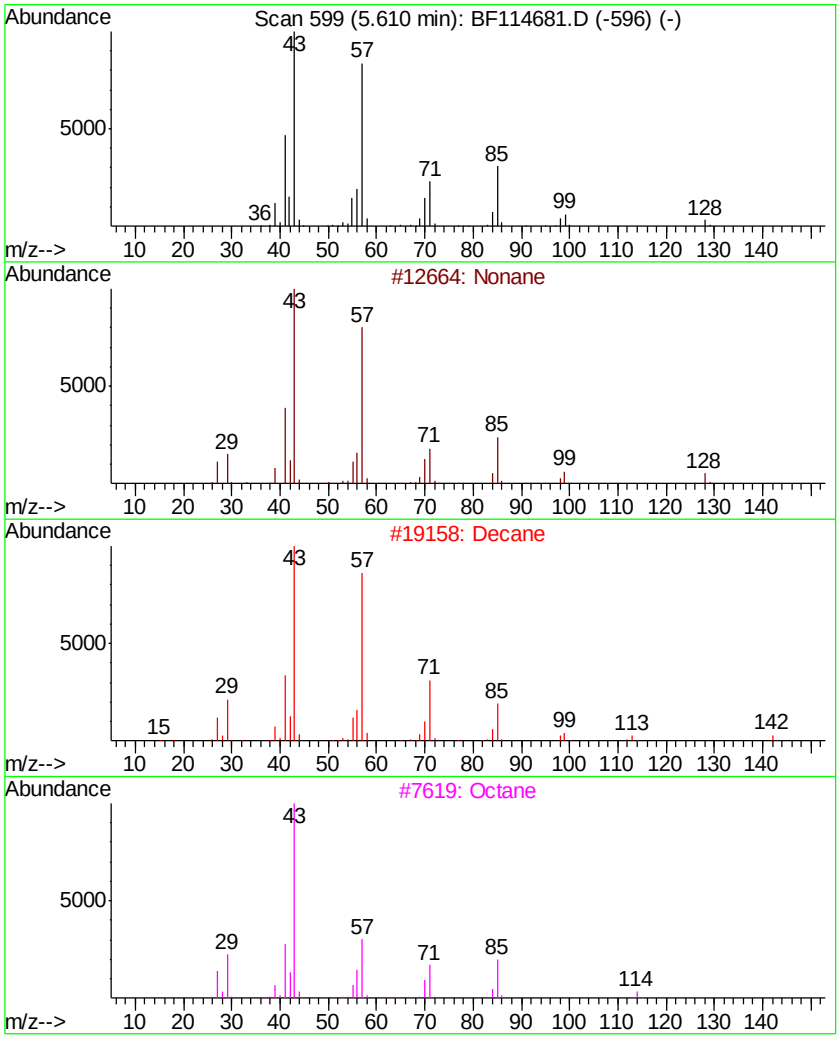
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

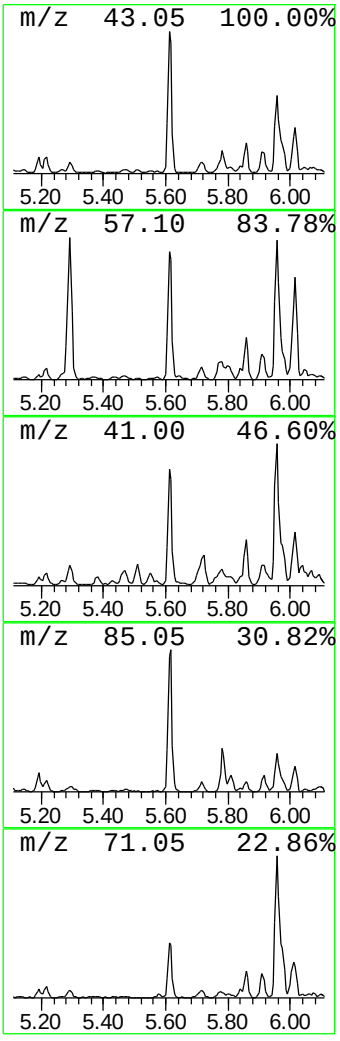
****

Peak Number 1 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	4.17 ng	669136	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Decane	142	C10H22	000124-18-5	72
3	Octane	114	C8H18	000111-65-9	72
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114681.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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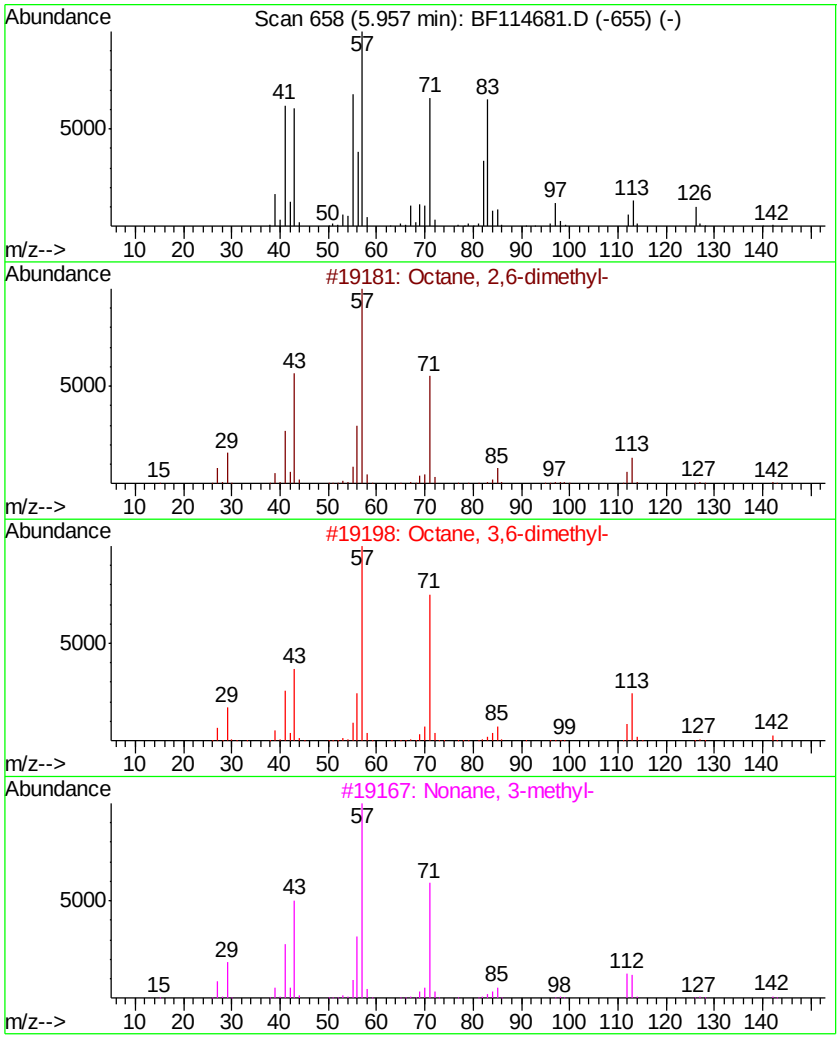
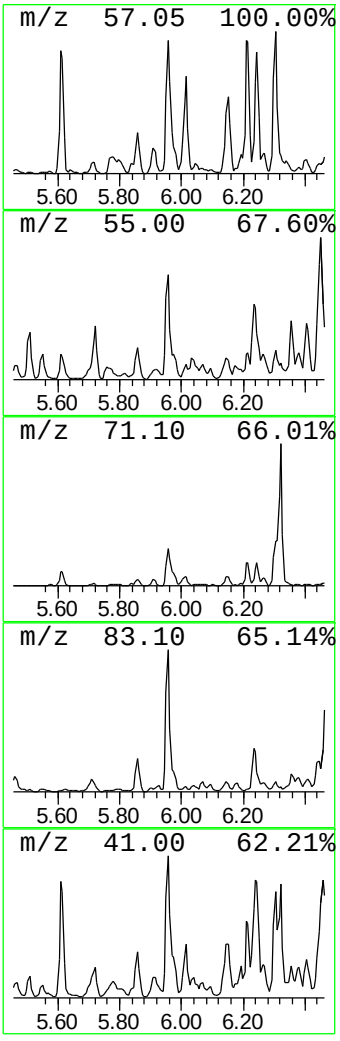
****

Peak Number 2 unknown5.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	6.90 ng	1107180	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	45
4	3-Bromooctane	192	C8H17Br	000999-64-4	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

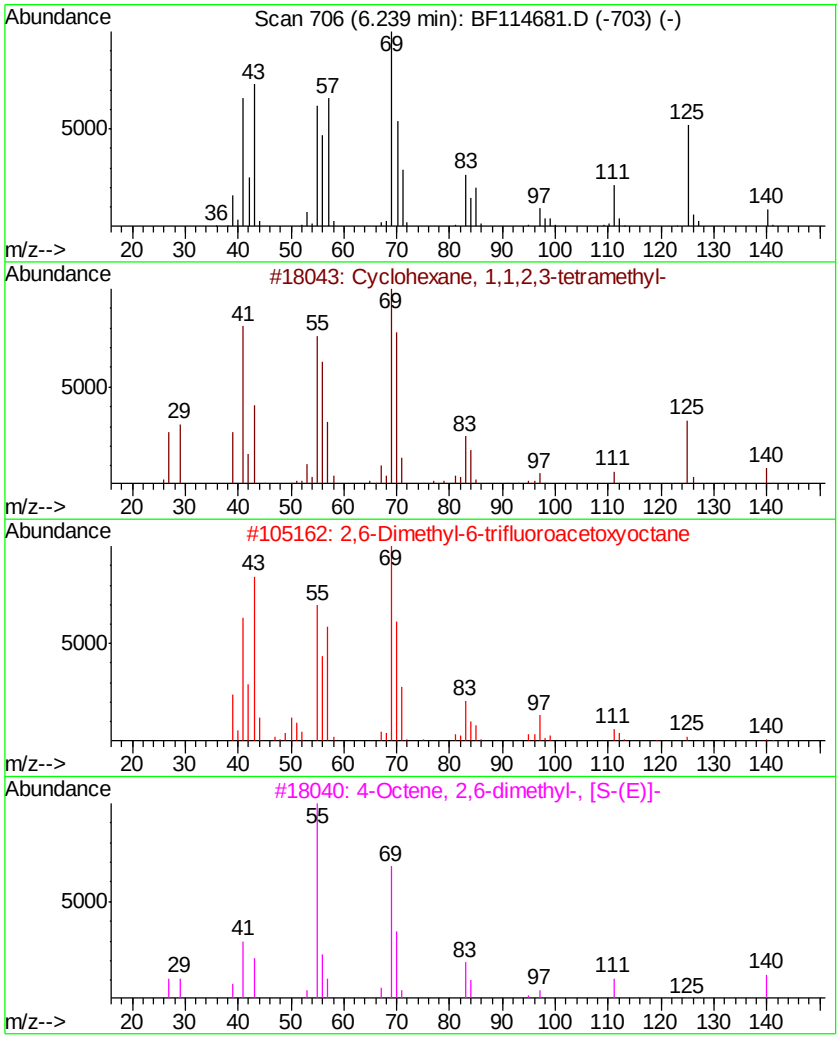
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

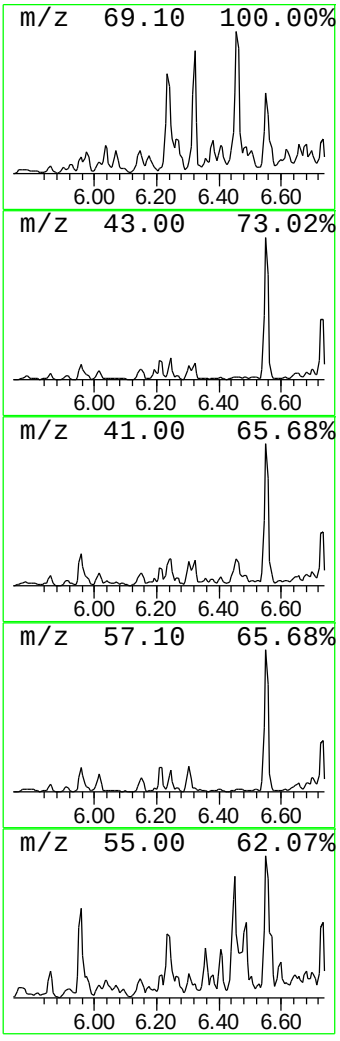
****

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	4.88 ng	783357	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2	2,6-Dimethyl-6-trifluoroacetoxyo...	254	C12H21F3O2	061986-67-2	53
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
5	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	43





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Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

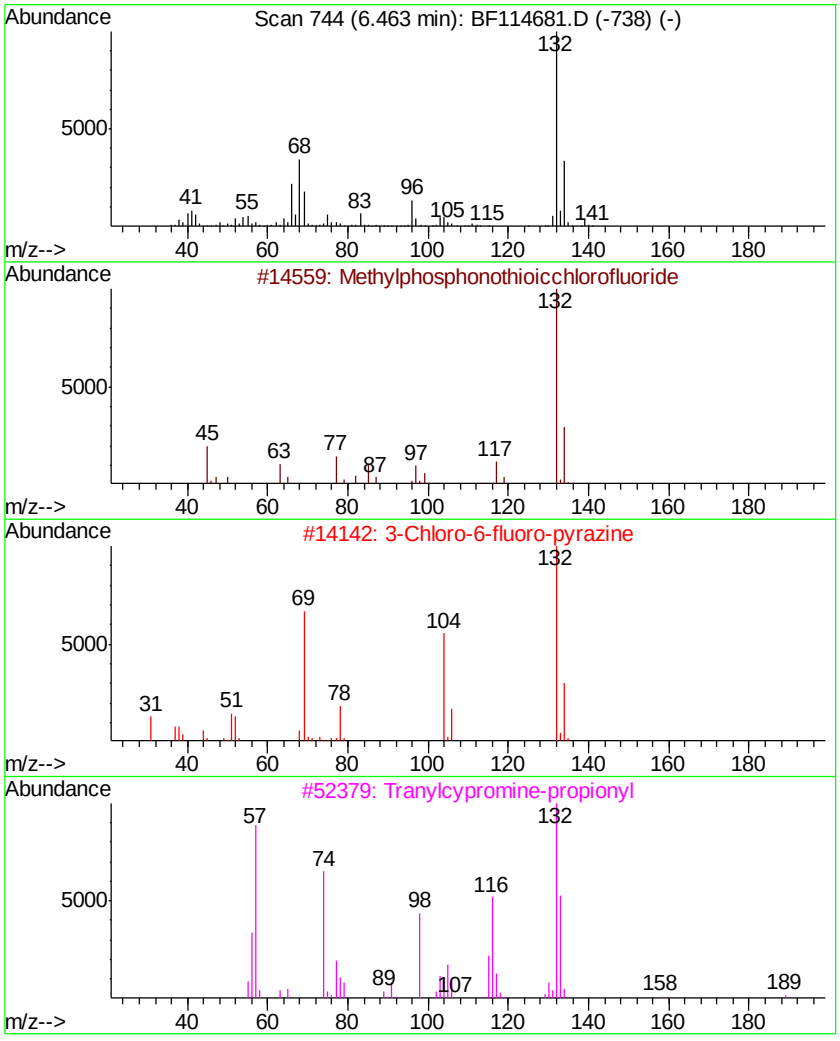
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

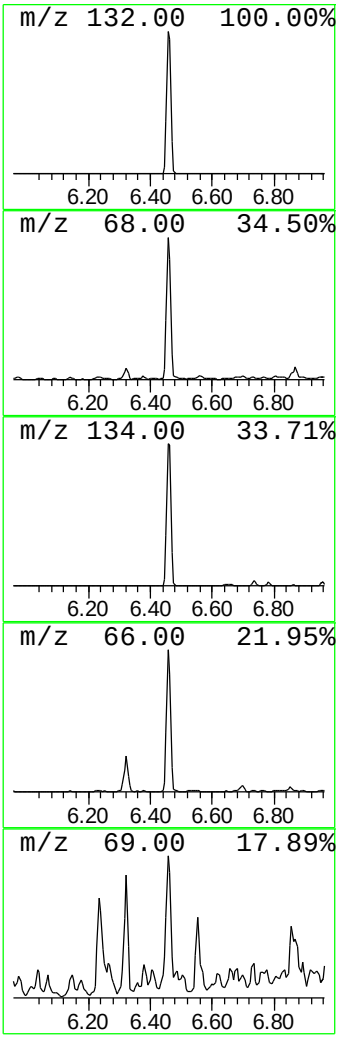
****

Peak Number 4 unknown6.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	22.14 ng	3551010	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114681.D
Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

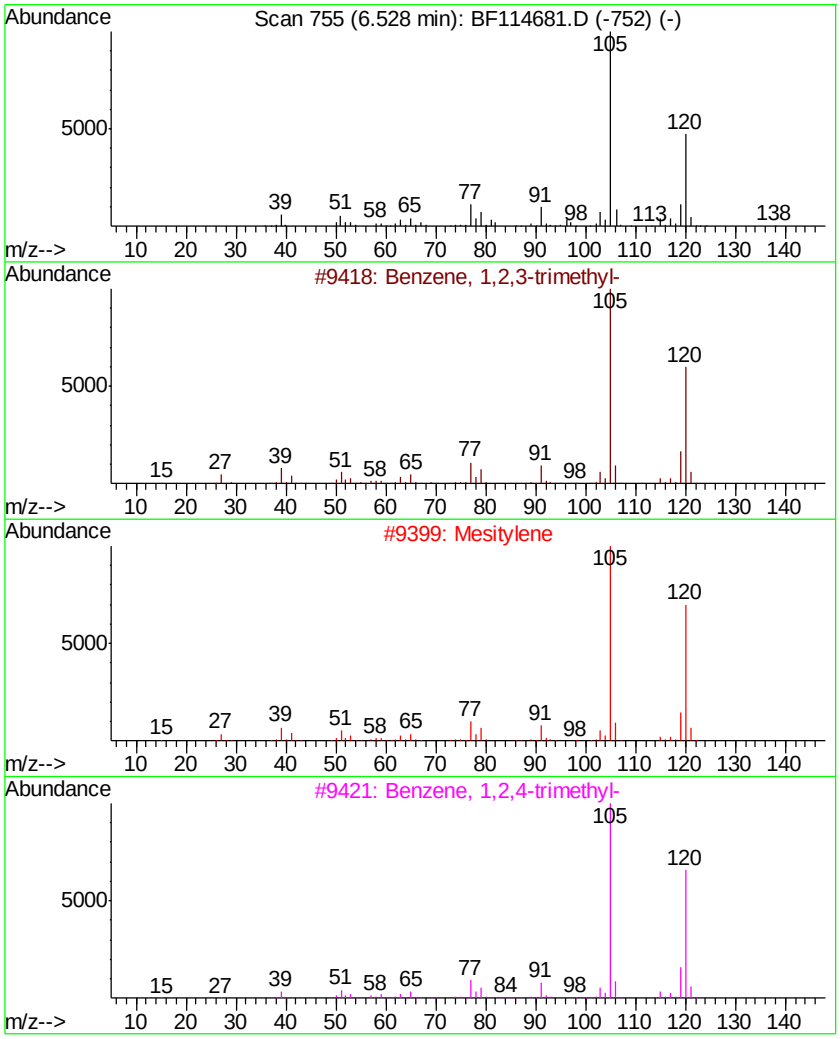
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

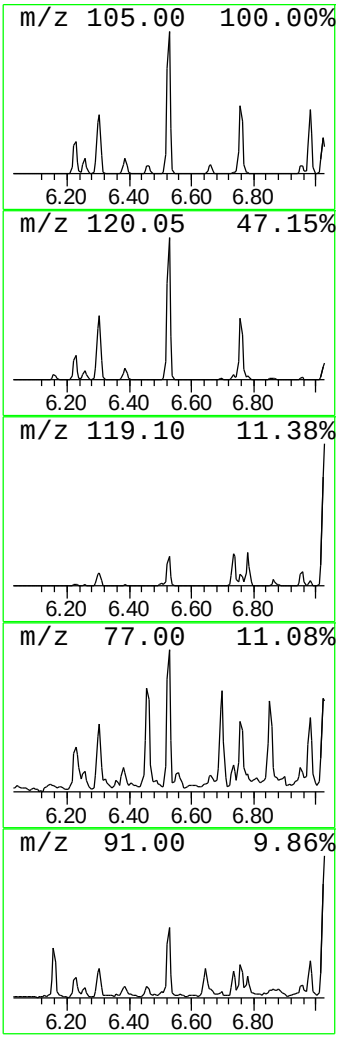
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	3.95 ng	633296	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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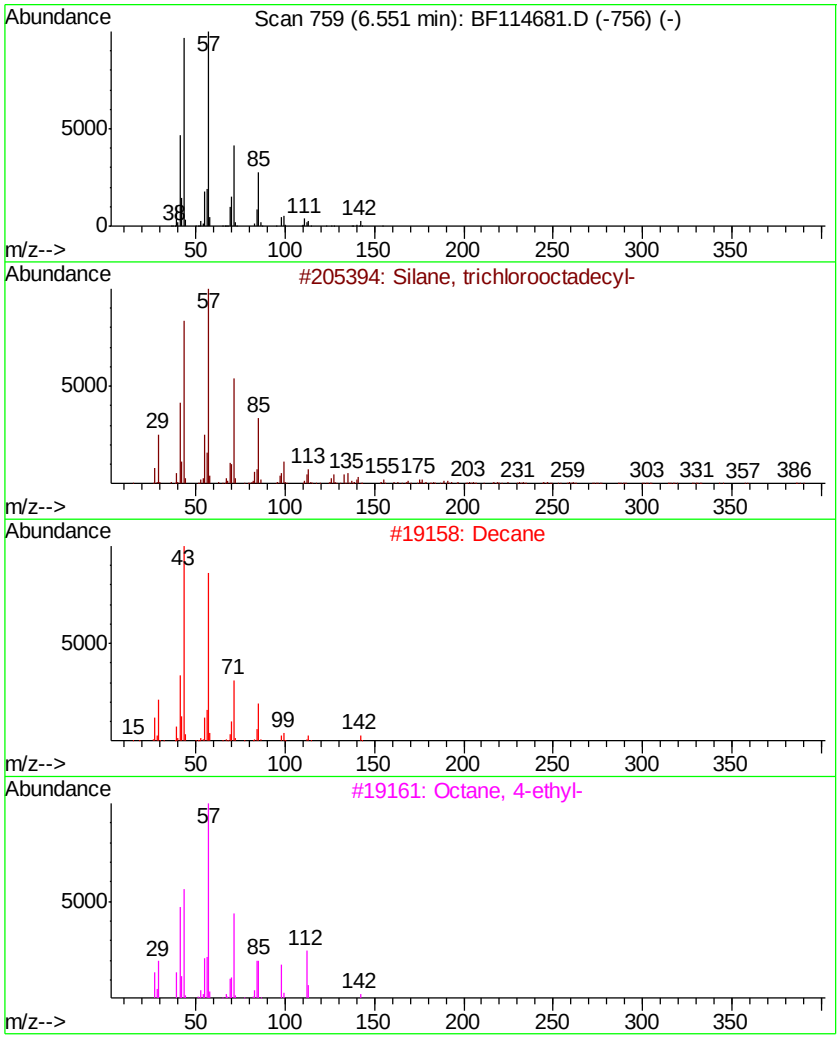
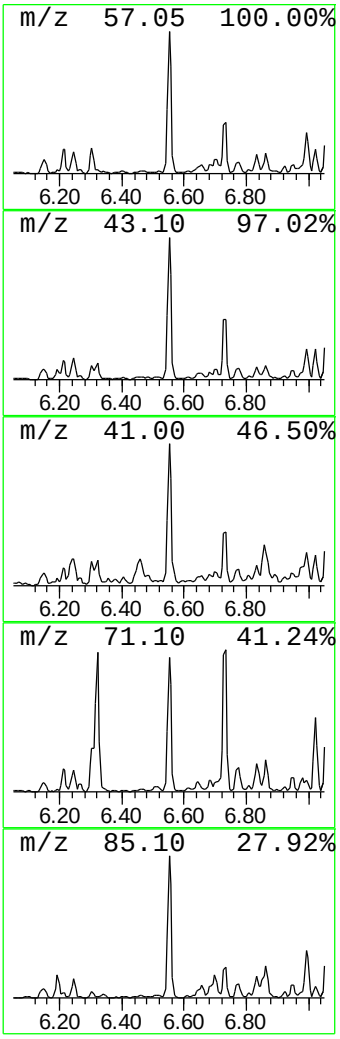
Peak Number 6 Silane, trichlorooctadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	23.66 ng	3795040	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
2	Decane	142	C10H22	000124-18-5	81
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Sample : K3002-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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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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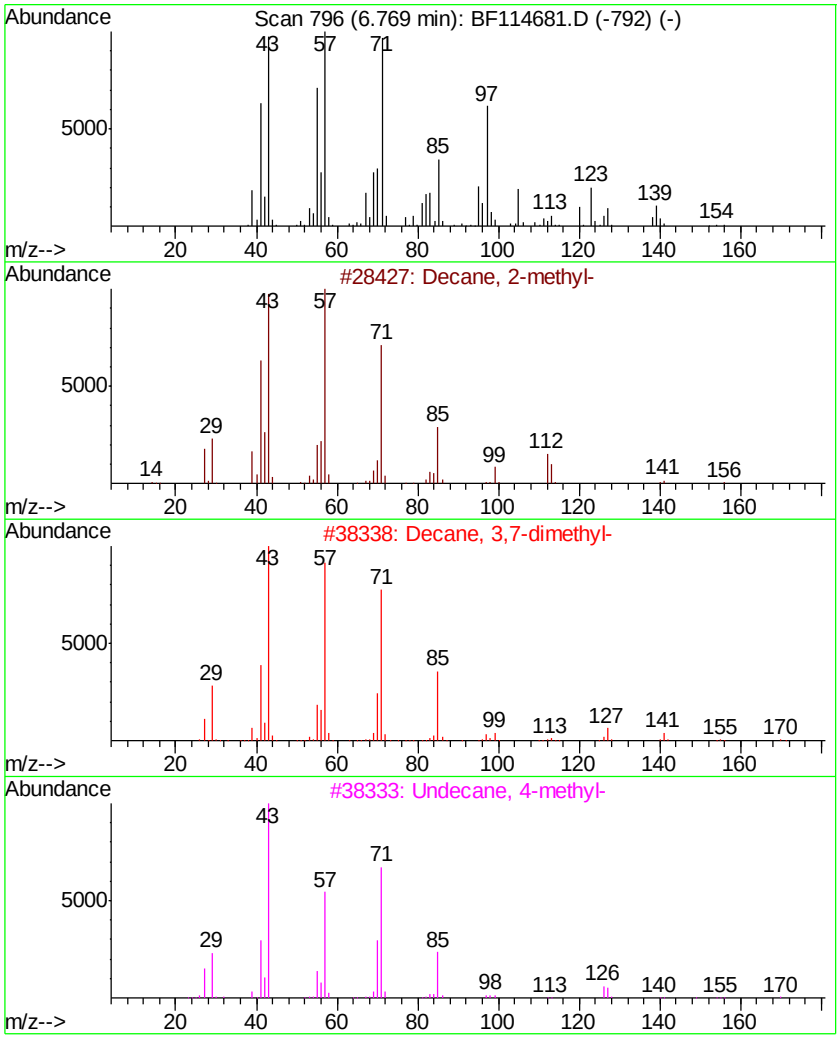
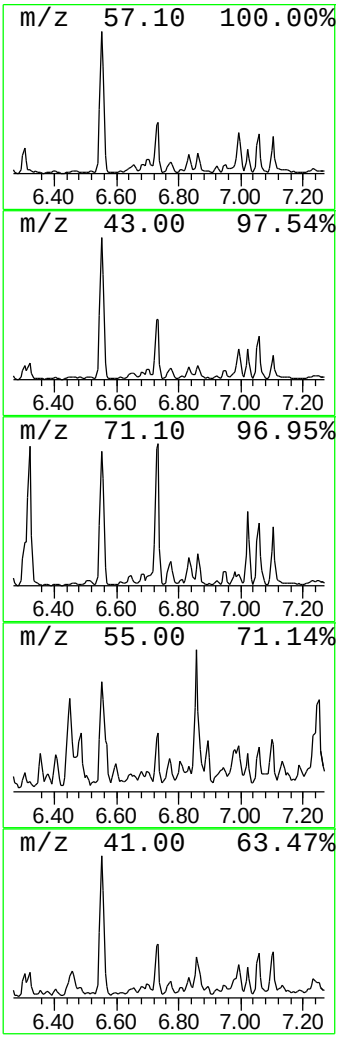
Peak Number 7 unknown6.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	7.22 ng	1157160	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	30
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	27
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	27
4	Decane, 4-methyl-	156	C11H24	002847-72-5	25
5	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	22





Library Search Compound Report

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Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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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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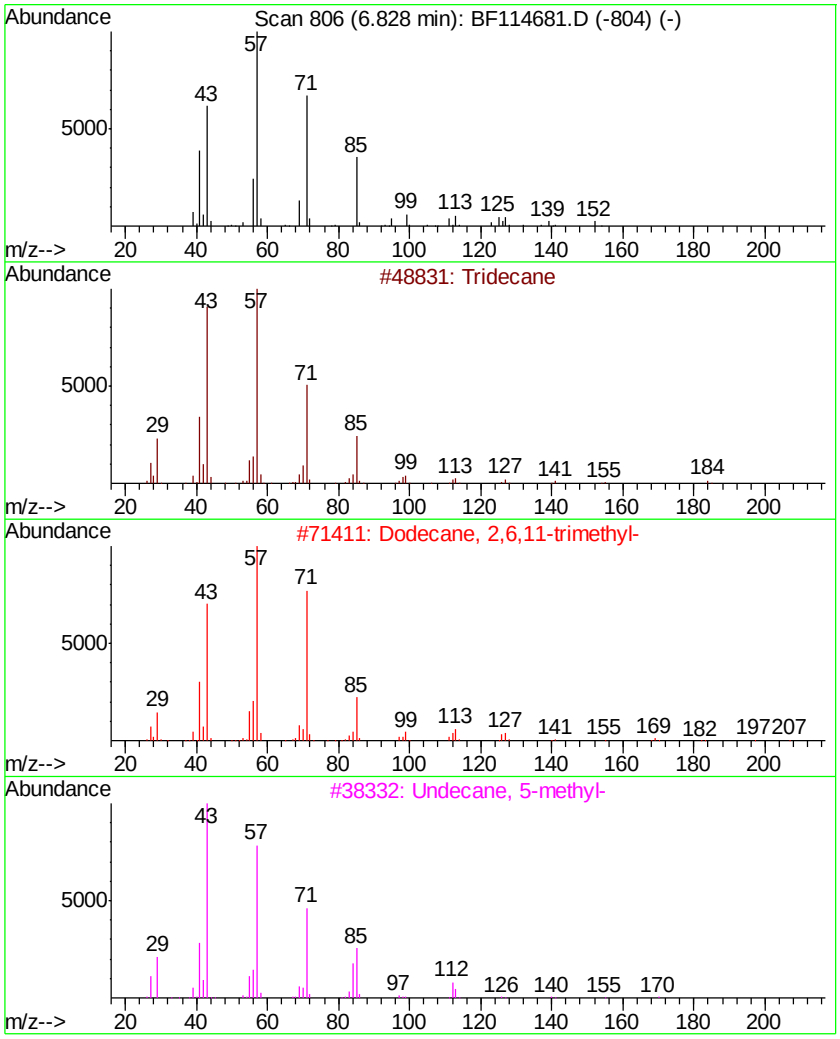
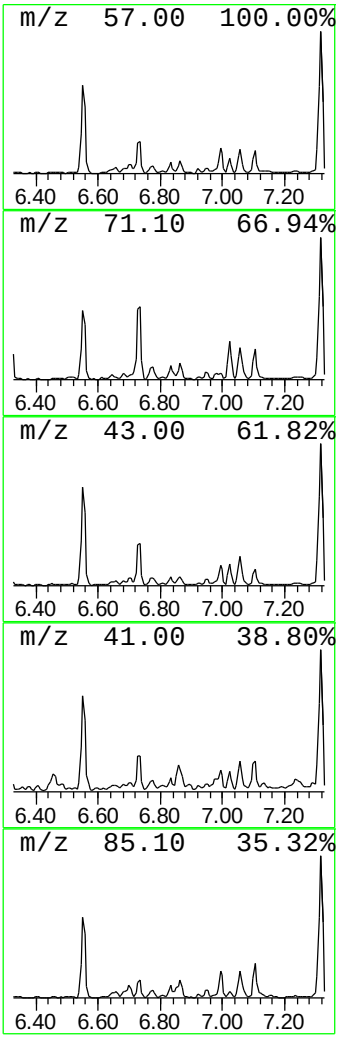
Peak Number 8 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	4.44 ng	711387	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53





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Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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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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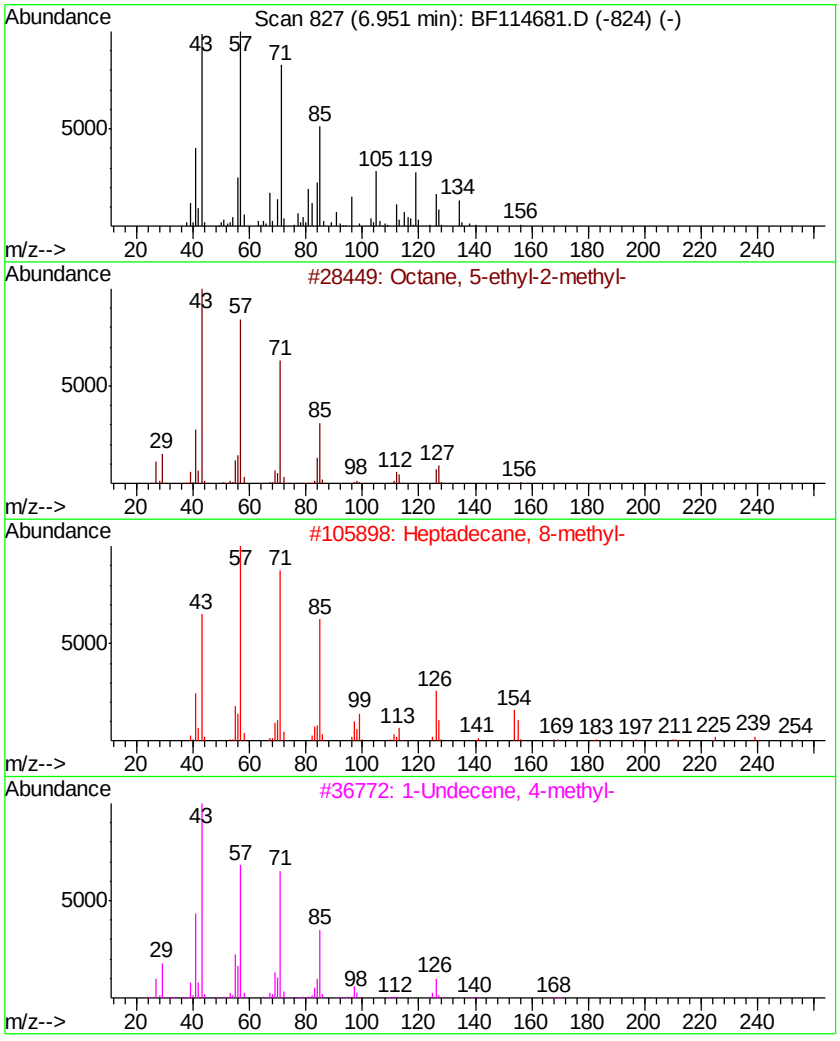
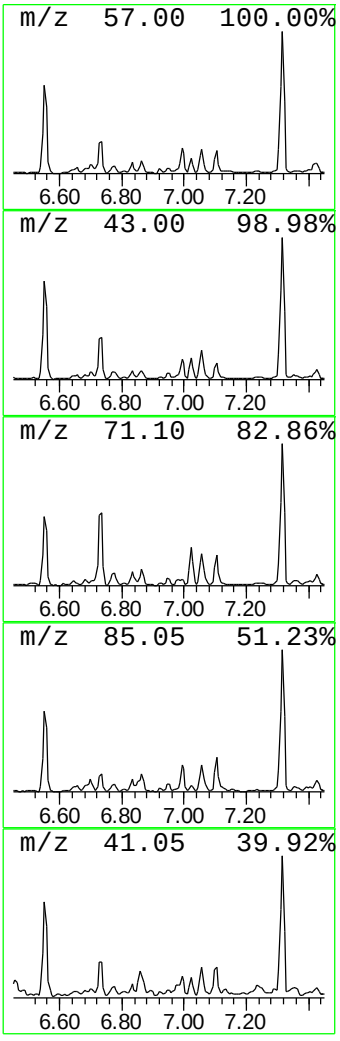
Peak Number 10 Octane, 5-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	4.14 ng	663523	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	50
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	47





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Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : COMP-Z1-20190418

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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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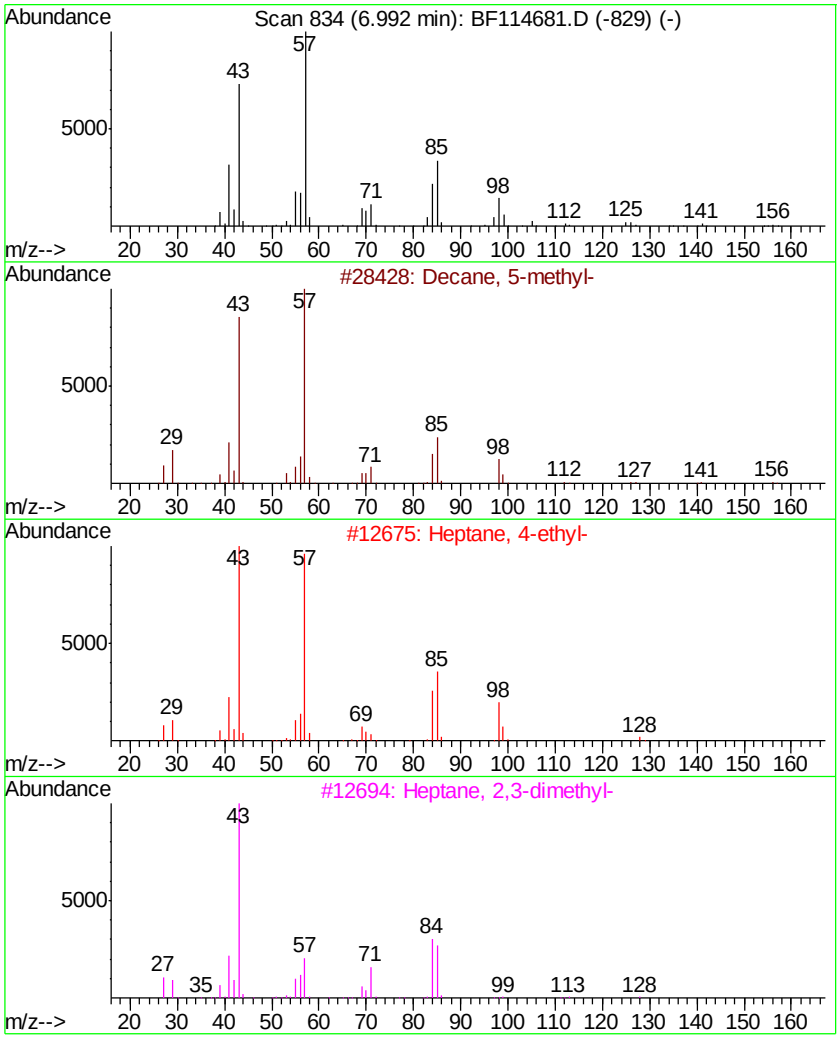
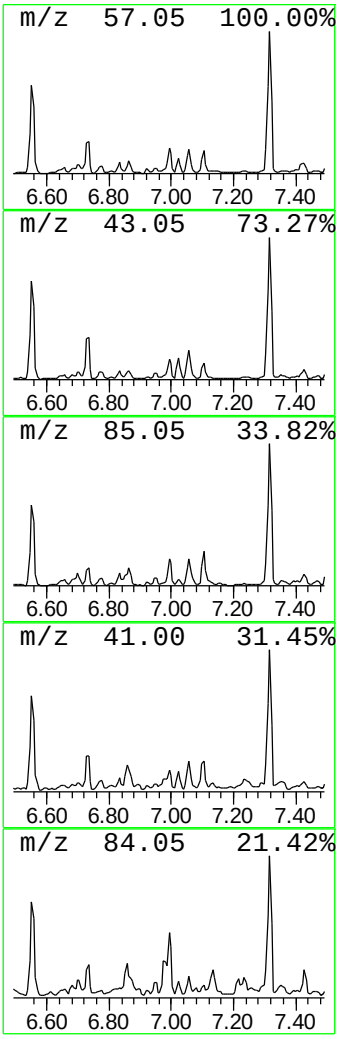
Peak Number 11 Decane, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	11.80 ng	1892130	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	80
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
4	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	59
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58





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Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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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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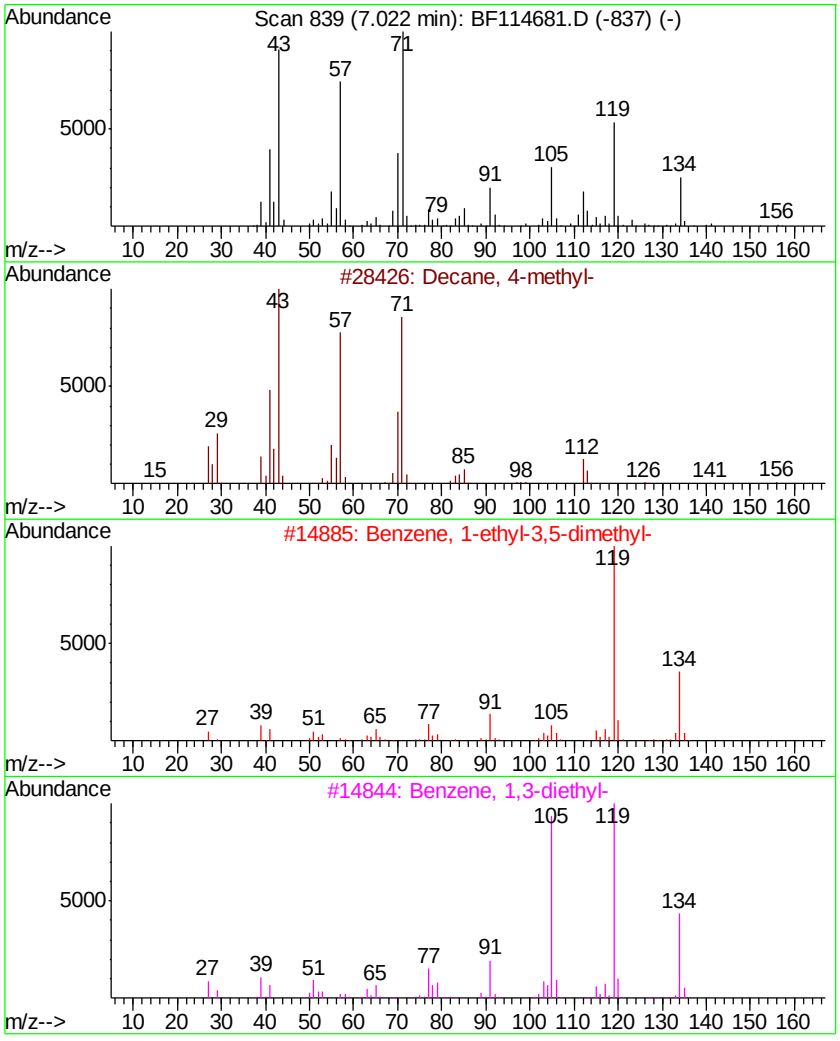
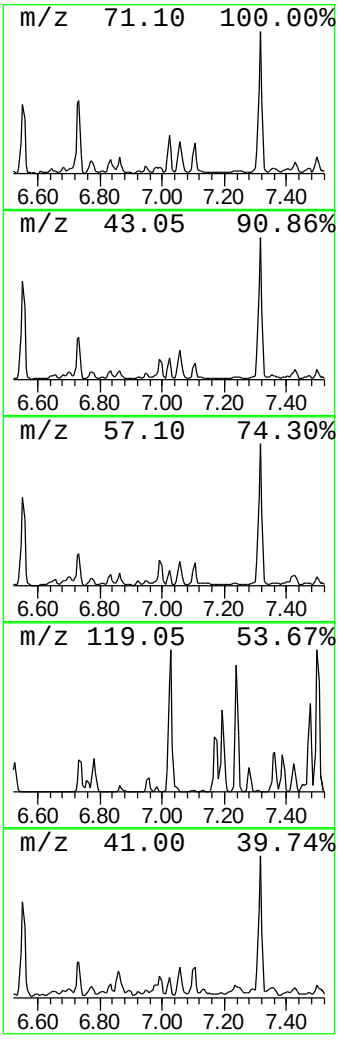
Peak Number 12 Decane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	7.98 ng	1279980	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	60
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	47
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	38
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35





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Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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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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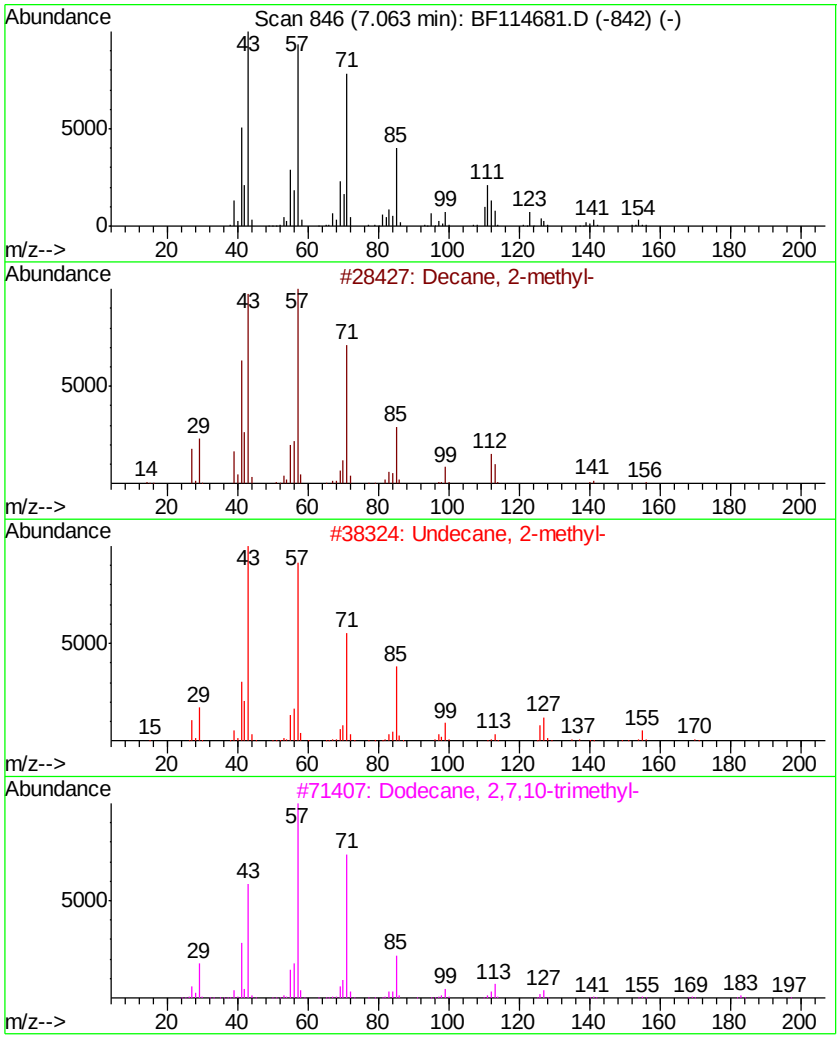
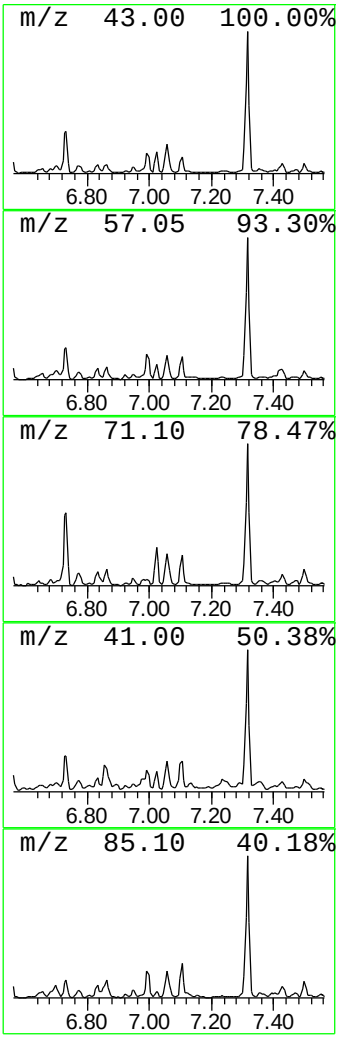
Peak Number 13 Decane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	9.45 ng	1515170	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	93
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





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Instrument : BNA_F
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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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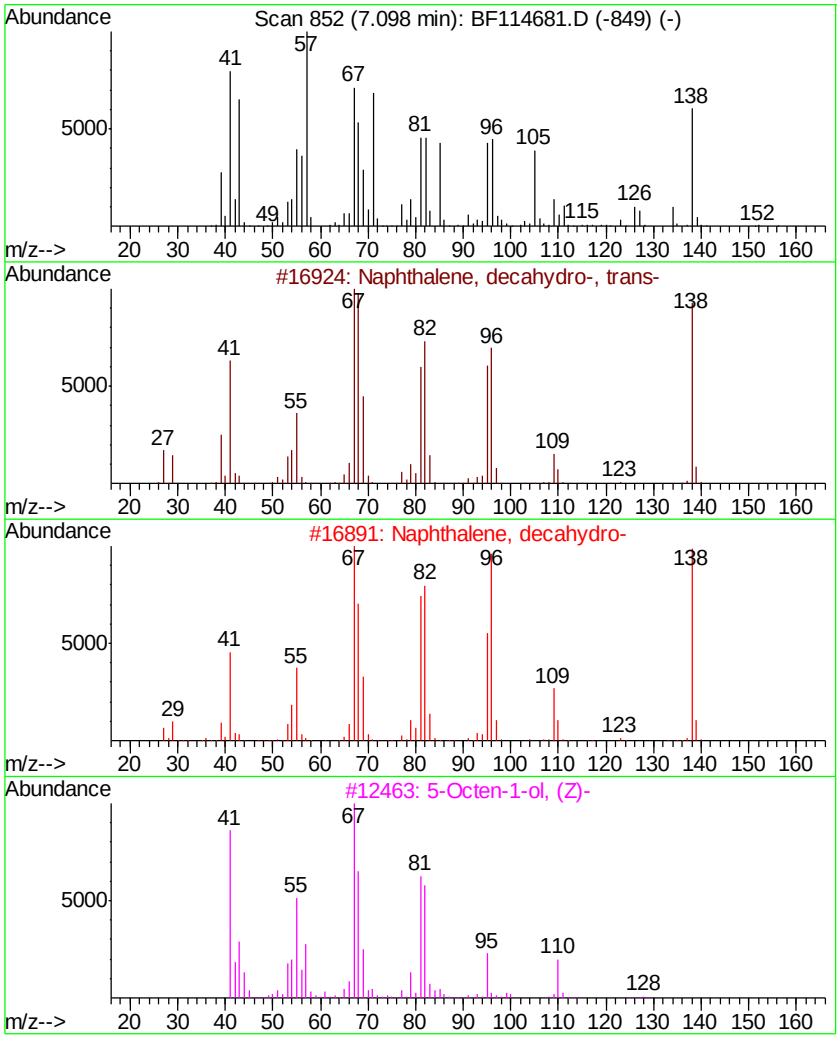
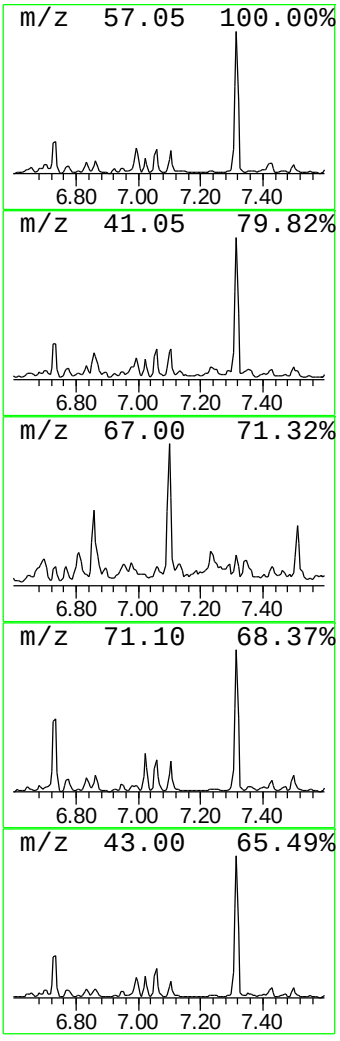
Peak Number 14 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	11.40 ng	1828410	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	42
4	Cyclopentene, 1-(3-methylbutyl)-	138	C10H18	037689-15-9	41
5	Cyclohexene, 1,4-dimethyl-	110	C8H14	002808-79-9	38





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

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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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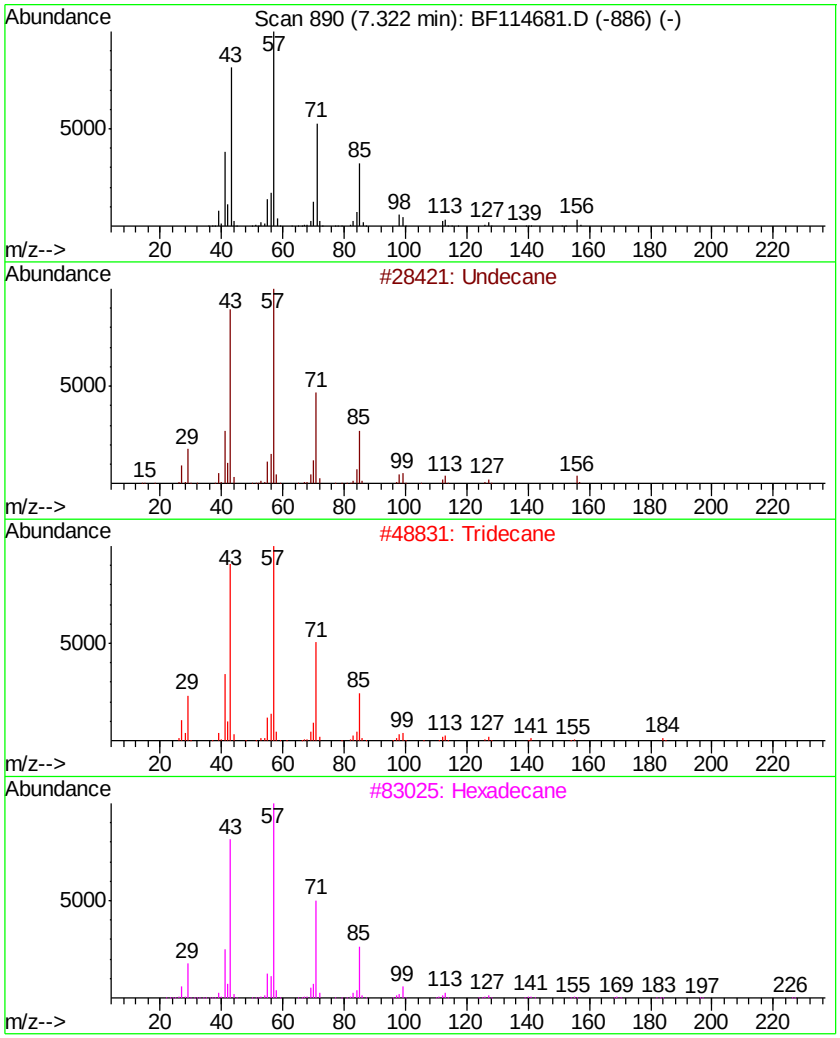
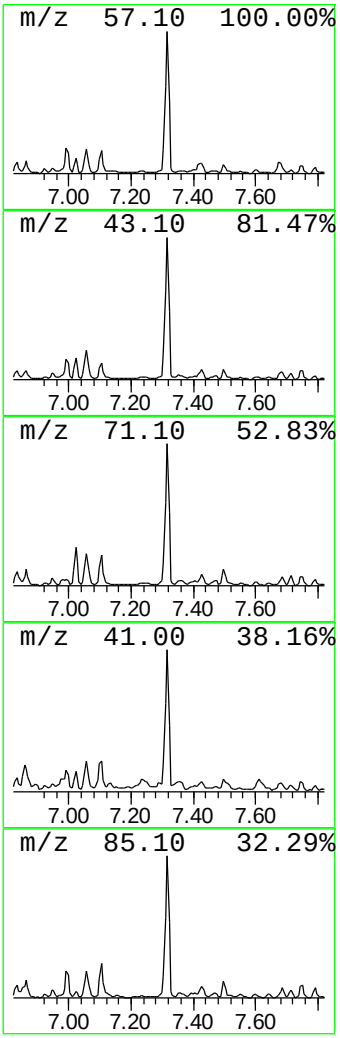
Peak Number 15 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	33.42 ng	5358840	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	78
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64





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Misc :
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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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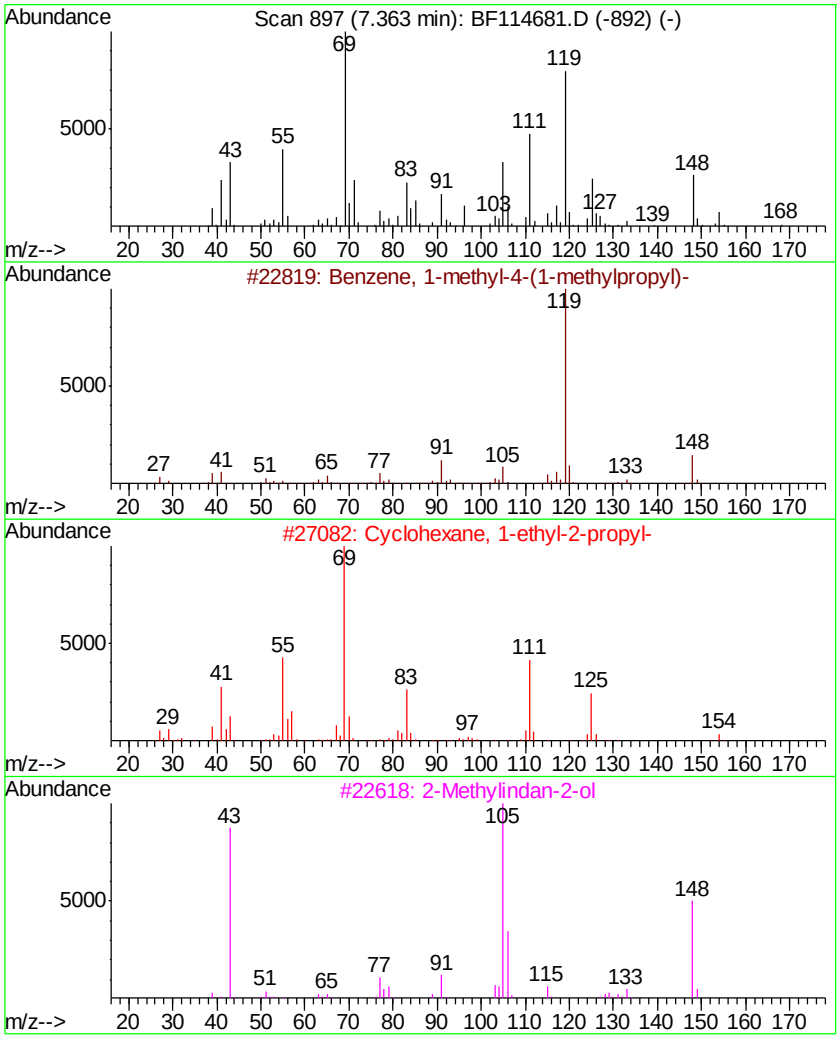
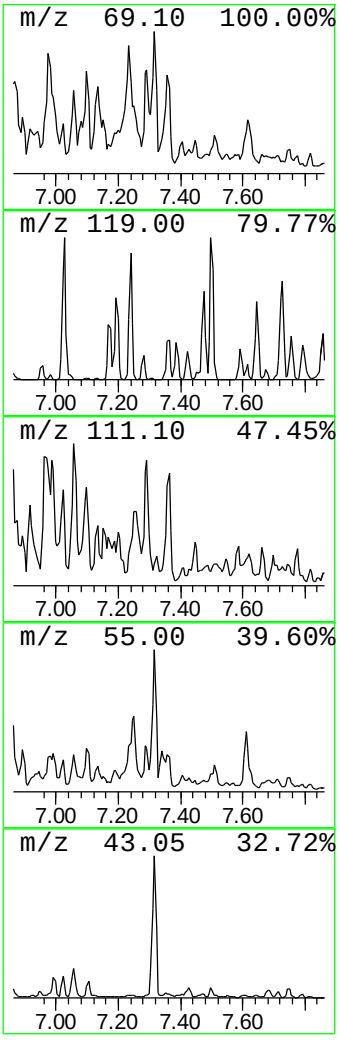
Peak Number 16 unknown7.36 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	6.42 ng	1250140	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
4	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	25
5	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	22





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ALS Vial : 14 Sample Multiplier: 1

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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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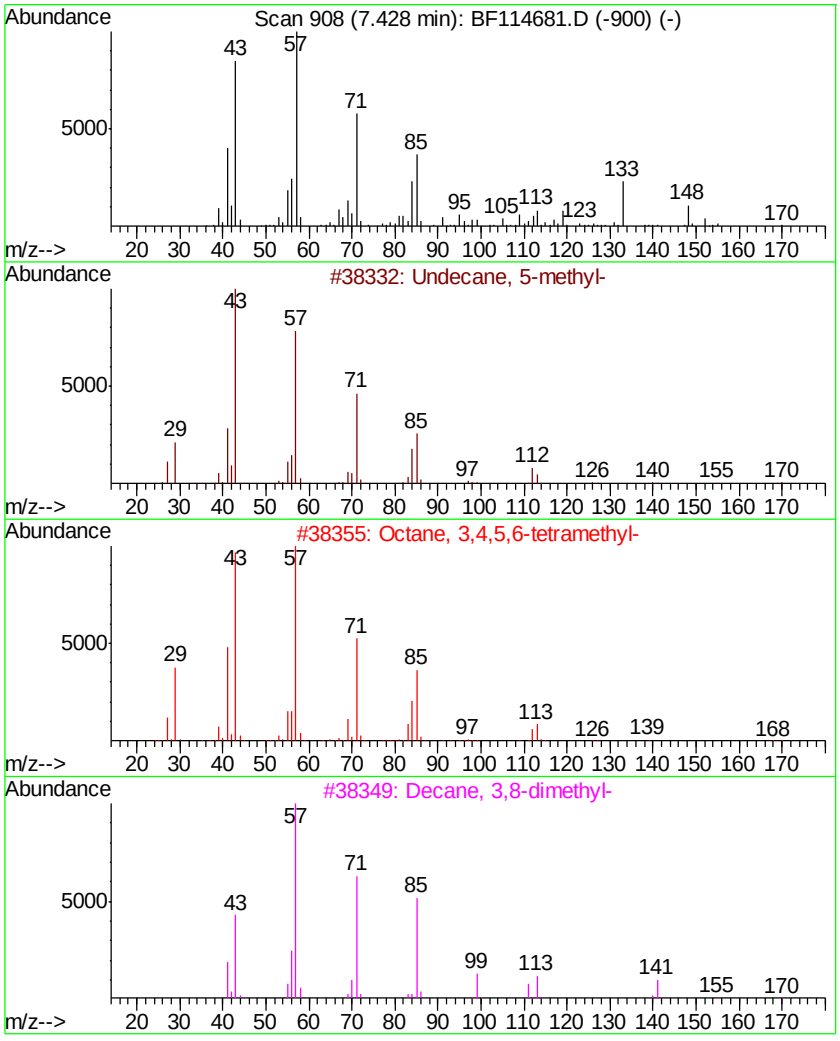
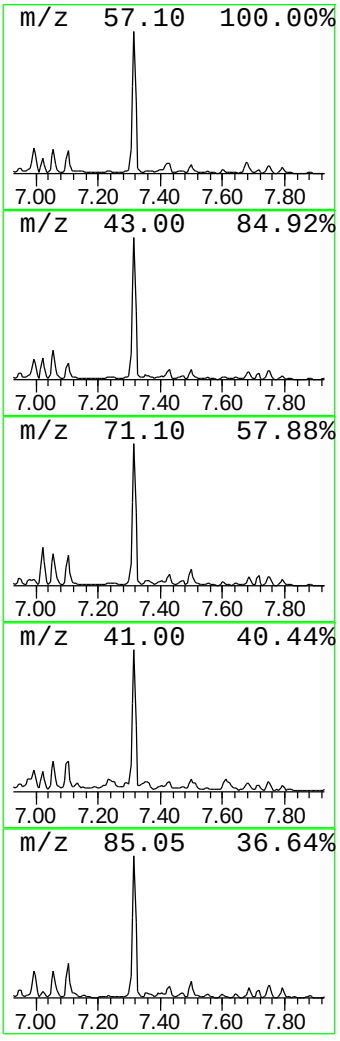
Peak Number 17 Undecane, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	6.64 ng	1293320	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	58
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	47
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46





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Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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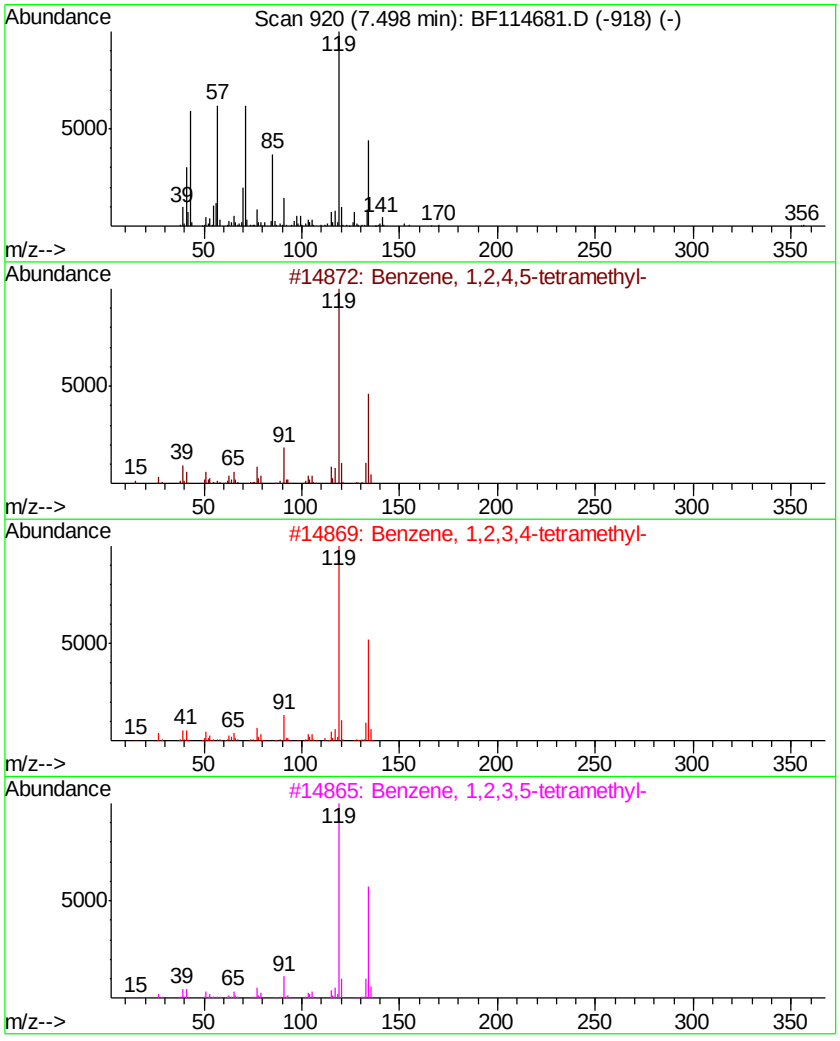
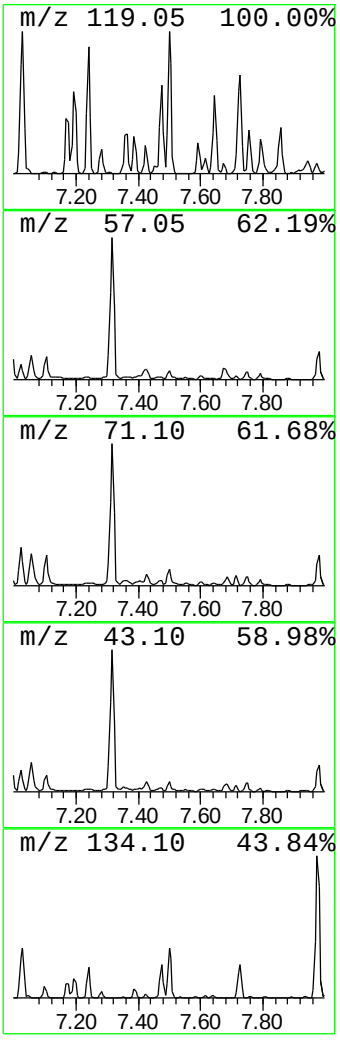
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	6.66 ng	1296700	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	80
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





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Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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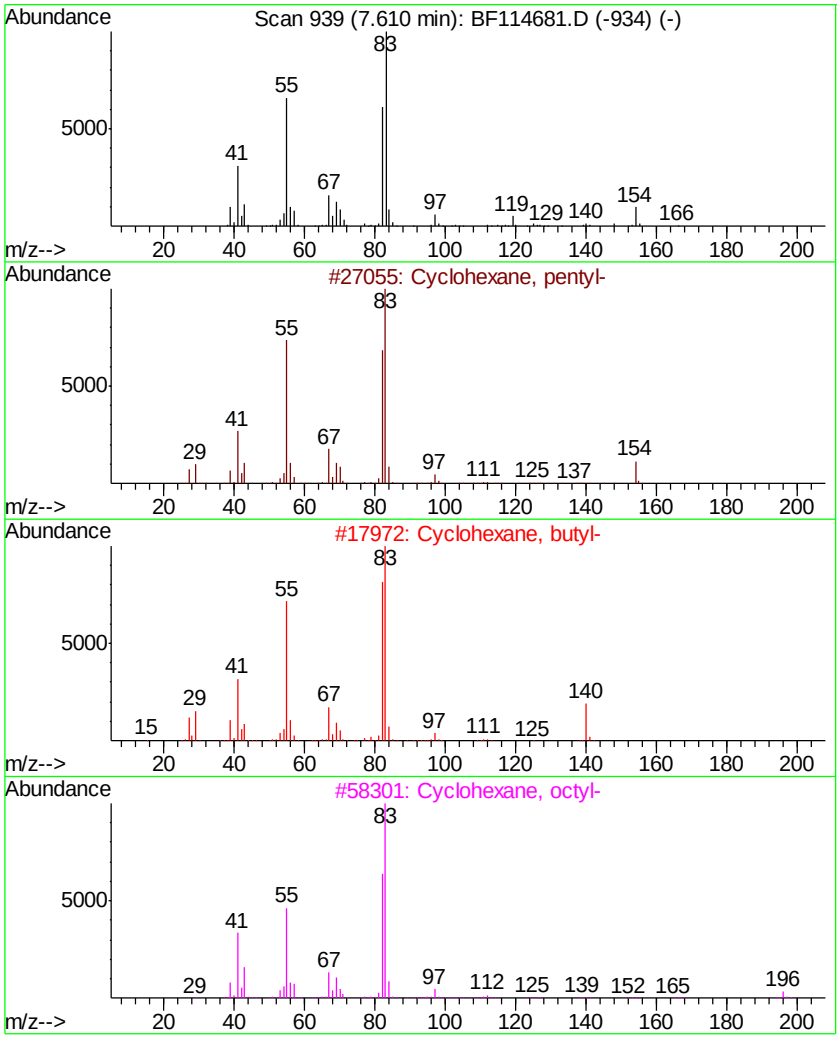
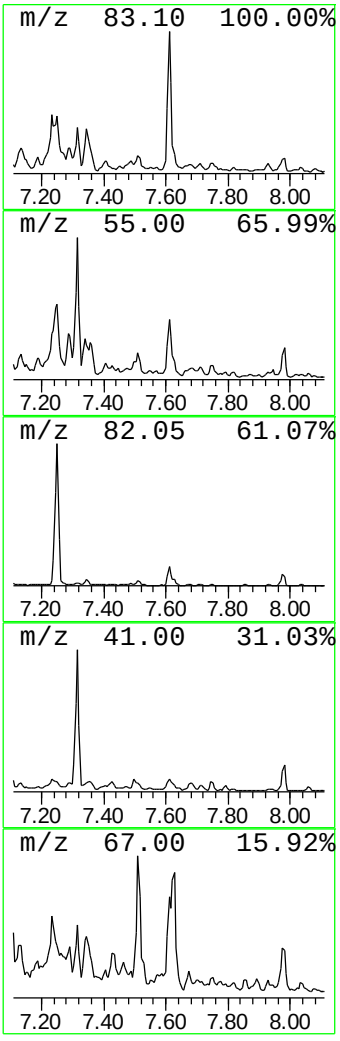
Peak Number 19 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	6.27 ng	1220850	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





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Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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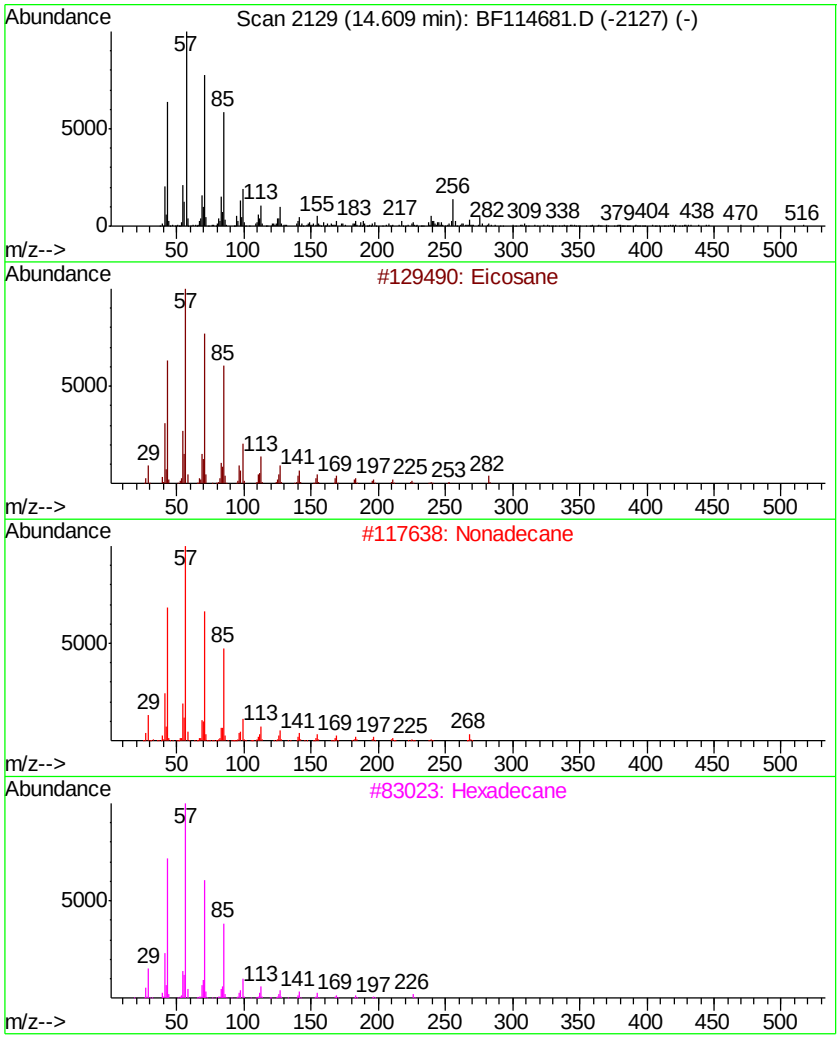
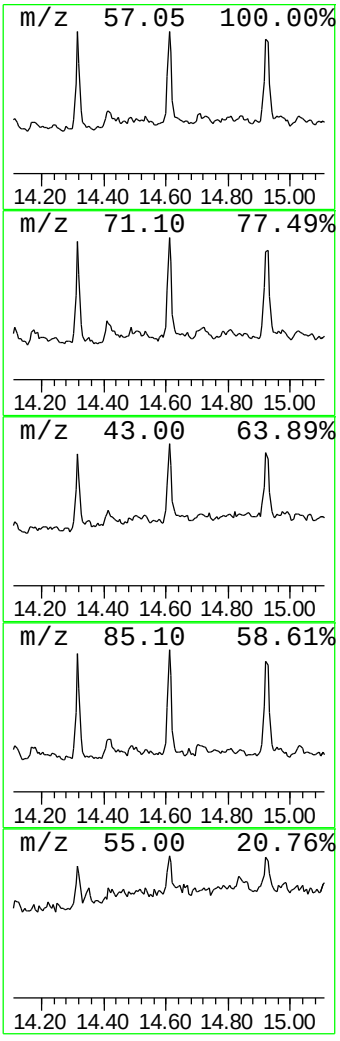
Peak Number 20 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	6.33 ng	427416	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114681.D
Acq On : 31 May 2019 00:46
Operator : HP/JU
Sample : K3002-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-Z1-20190418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
Nonane	5.61	4.2	ng	669136	1	6.70	3207340	20.0
unknown5.96	5.96	6.9	ng	1107180	1	6.70	3207340	20.0
Cyclohexane, 1,1,...	6.24	4.9	ng	783357	1	6.70	3207340	20.0
unknown6.46	6.46	22.1	ng	3551010	1	6.70	3207340	20.0
Benzene, 1,2,3-tr...	6.53	4.0	ng	633296	1	6.70	3207340	20.0
Silane, trichloro...	6.55	23.7	ng	3795040	1	6.70	3207340	20.0
unknown6.77	6.77	7.2	ng	1157160	1	6.70	3207340	20.0
Tridecane	6.83	4.4	ng	711387	1	6.70	3207340	20.0
Octane, 5-ethyl-2...	6.95	4.1	ng	663523	1	6.70	3207340	20.0
Decane, 5-methyl-	6.99	11.8	ng	1892130	1	6.70	3207340	20.0
Decane, 4-methyl-	7.02	8.0	ng	1279980	1	6.70	3207340	20.0
Decane, 2-methyl-	7.06	9.4	ng	1515170	1	6.70	3207340	20.0
Naphthalene, deca...	7.10	11.4	ng	1828410	1	6.70	3207340	20.0
Undecane	7.32	33.4	ng	5358840	1	6.70	3207340	20.0
unknown7.36	7.36	6.4	ng	1250140	2	7.97	3895620	20.0
Undecane, 5-methyl-	7.43	6.6	ng	1293320	2	7.97	3895620	20.0
Benzene, 1,2,4,5-...	7.50	6.7	ng	1296700	2	7.97	3895620	20.0
Cyclohexane, pentyl-	7.61	6.3	ng	1220850	2	7.97	3895620	20.0
Eicosane	14.61	6.3	ng	427416	6	15.21	1349800	20.0