LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110895.D
Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

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-BF110818.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	2.199	15	19	32	rVB	69052	102590	1.23%	0.077%
2	4.275	365	372	376	rBV2	82751	131900	1.58%	0.099%
3	4.604	422	428	433	rBV	101190	128893	1.54%	0.097%
4	4.993	490	494	500	rVB	189961	205771	2.46%	0.155%
5	5.069	500	507	510	rBV	211614	315042	3.76%	0.237%
6	5.098	510	512	517	rVB	235339	240154	2.87%	0.181%
7	5.151	517	521	527	rBV2	317294	405242	4.84%	0.305%
8	5.210	527	531	536	rVB3	79734	123832	1.48%	0.093%
9	5.345	549	554	558	rBV3	276484	463011	5.53%	0.349%
10	5.381	558	560	564	rVB3	97843	98837	1.18%	0.074%
11	5.428	564	568	574	rBV	268771	267225	3.19%	0.201%
12	5.528	582	585	587	rBV	279342	265554	3.17%	0.200%
13	5.557	587	590	599	rVB	1173843	1253486	14.98%	0.944%
14	5.628	599	602	605	rBV	146680	141357	1.69%	0.106%
15	5.704	612	615	620	rBV2	237706	386127	4.61%	0.291%
16	5.751	620	623	626	rVB	504033	424020	5.07%	0.319%
17	5.792	626	630	633	rBV	353638	369162	4.41%	0.278%
18	5.857	637	641	645	rVB	104802	97377	1.16%	0.073%
19	5.957	649	658	661	rBV3	537930	797725	9.53%	0.601%
20	5.998	661	665	672	rBV2	331372	569192	6.80%	0.429%
21	6.075	672	678	680	rBV	403059	508485	6.08%	0.383%
22	6.098	680	682	685	rVB2	478110	460517	5.50%	0.347%
23	6.128	685	687	691	rVB2	257700	267490	3.20%	0.201%
24	6.175	691	695	697	rBV	1264047	1604581	19.17%	1.209%
25	6.234	702	705	708	rVB	716344	664852	7.94%	0.501%
26	6.275	708	712	714	rBV5	195691	292310	3.49%	0.220%
27	6.298	714	716	718	rVB	205599	158729	1.90%	0.120%
28	6.322	718	720	723	rVB2	167277	171005	2.04%	0.129%
29	6.369	723	728	731	rBV3	793348	1177456	14.07%	0.887%
30	6.404	731	734	735	rBV2	424665	436232	5.21%	0.329%
31	6.428	735	738	741	rVB	1052852	1007666	12.04%	0.759%
32	6.475	741	746	755	rBV3	836516	1614588	19.29%	1.216%
33	6.569	755	762	767	rBV2	1405627	2034466	24.31%	1.532%
34	6.610	767	769	771	rVB2	528397	422087	5.04%	0.318%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.634	771	773	775	rBV	274029	219139	2.62%	0.165%
36	6.675	775	780	784	rBV3	826650	1499588	17.92%	1.129%
37	6.716	784	787	793	rVB	2137624	2339610	27.96%	1.762%
38	6.775	793	797	798	rBV2	532579	559663	6.69%	0.422%
39	6.792	798	800	803	rVB2	490533	409632	4.89%	0.309%
40	6.822	803	805	807	rBV	230262	209588	2.50%	0.158%
41	6.851	807	810	811	rBV2	359893	393164	4.70%	0.296%
42	6.892	814	817	819	rBV	844976	852916	10.19%	0.642%
43	6.945	822	826	829	rVB	2447044	2546594	30.43%	1.918%
44	6.987	829	833	837	rVB3	653800	878378	10.50%	0.662%
45	7.045	837	843	846	rBV4	946728	1548167	18.50%	1.166%
46	7.081	846	849	851	rBV2	1602071	1925901	23.01%	1.451%
47	7.163	860	863	865	rBV	669146	748155	8.94%	0.564%
48	7.186	865	867	869	rVV2	1121607	1261767	15.08%	0.950%
49	7.204	869	870	874	rVB2	1371204	1206377	14.42%	0.909%
50	7.257	877	879	881	rBV	564385	521775	6.23%	0.393%
51	7.281	881	883	886	rVB3	655090	533212	6.37%	0.402%
52	7.339	889	893	895	rBV2	1330946	1522148	18.19%	1.146%
53	7.416	902	906	909	rBV2	363657	540840	6.46%	0.407%
54	7.481	909	917	920	rBV2	3718038	5877598	70.23%	4.427%
55	7.516	920	923	926	rVV2	2867245	2823394	33.74%	2.127%
56	7.581	929	934	938	rBV4	2063778	3478550	41.57%	2.620%
57	7.639	938	944	948	rBV3	1480774	2945725	35.20%	2.219%
58	7.692	949	953	954	rBV3	605398	791728	9.46%	0.596%
59	7.716	954	957	961	rBV2	2134663	2479025	29.62%	1.867%
60	7.757	961	964	972	rVB5	1664408	2684736	32.08%	2.022%
61	7.845	972	979	981	rBV3	2193494	4914131	58.72%	3.701%
62	7.875	981	984	987	rBV4	826213	1066047	12.74%	0.803%
63	7.975	997	1001	1009	rVB3	3772549	6020216	71.94%	4.534%
64	8.045	1009	1013	1019	rBV3	1585012	2762953	33.02%	2.081%
65	8.098	1019	1022	1026	rBV2	1934588	2783254	33.26%	2.096%
66	8.292	1051	1055	1059	rVB2	2335328	3550354	42.42%	2.674%
67	8.386	1069	1071	1074	rBV2	760185	987767	11.80%	0.744%
68	8.528	1091	1095	1101	rVB4	2159336	3793365	45.33%	2.857%
69	8.757	1131	1134	1145	rBV6	1470071	3242568	38.75%	2.442%
70	9.275	1217	1222	1228	rVB2	2382116	5200199	62.14%	3.917%
71	9.898	1324	1328	1332	rBV2	1323448	1986298	23.73%	1.496%

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Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.139	1364	1369	1372	rBV	1530341	3088333	36.90%	2.326%
73	10.351	1400	1405	1408	rBV2	2251179	4301544	51.40%	3.240%
74	10.939	1498	1505	1511	rVB2	3819987	8368742	100.00%	6.303%
75	11.386	1576	1581	1583	rBV	2801915	3814654	45.58%	2.873%
76	11.545	1605	1608	1614	rVB	1950334	2935398	35.08%	2.211%
77	11.722	1636	1638	1641	rBV	1040896	1174893	14.04%	0.885%
78	12.021	1685	1689	1691	rBV	1190040	1647718	19.69%	1.241%
79	12.051	1691	1694	1696	rVB	1532905	1446187	17.28%	1.089%
80	12.121	1704	1706	1709	rBV2	869704	957600	11.44%	0.721%
81	12.445	1758	1761	1765	rVB3	1149919	1260472	15.06%	0.949%
82	12.486	1765	1768	1770	rVB	856005	735620	8.79%	0.554%
83	12.557	1777	1780	1783	rBV	1515662	1665480	19.90%	1.254%
84	12.645	1792	1795	1798	rBV2	377863	581307	6.95%	0.438%
85	12.951	1845	1847	1851	rVB2	733618	780192	9.32%	0.588%
86	12.992	1851	1854	1857	rVB	616496	656081	7.84%	0.494%
87	13.027	1857	1860	1865	rBV2	305476	531256	6.35%	0.400%
88	13.068	1865	1867	1870	rVB	1301399	1132856	13.54%	0.853%
89	13.468	1933	1935	1938	rBV2	113349	119211	1.42%	0.090%
90	13.933	2012	2014	2021	rVB3	118521	147816	1.77%	0.111%
91	14.133	2044	2048	2051	rBV2	516840	551547	6.59%	0.415%
92	14.251	2065	2068	2073	rVB2	108365	112448	1.34%	0.085%
93	14.557	2116	2120	2123	rBV2	142676	145326	1.74%	0.109%
94	14.868	2170	2173	2177	rBV	190680	197442	2.36%	0.149%
95	15.221	2228	2233	2239	rBV2	246614	329891	3.94%	0.248%
96	15.615	2295	2300	2304	rVB2	243915	345507	4.13%	0.260%
97	15.668	2304	2309	2315	rVB	299025	397991	4.76%	0.300%
98	16.068	2372	2377	2382	rVB	204976	314918	3.76%	0.237%
99	16.592	2461	2466	2473	rVB	121870	223509	2.67%	0.168%
100	17.209	2566	2571	2576	rVB	48090	90499	1.08%	0.068%

Sum of corrected areas: 132765921

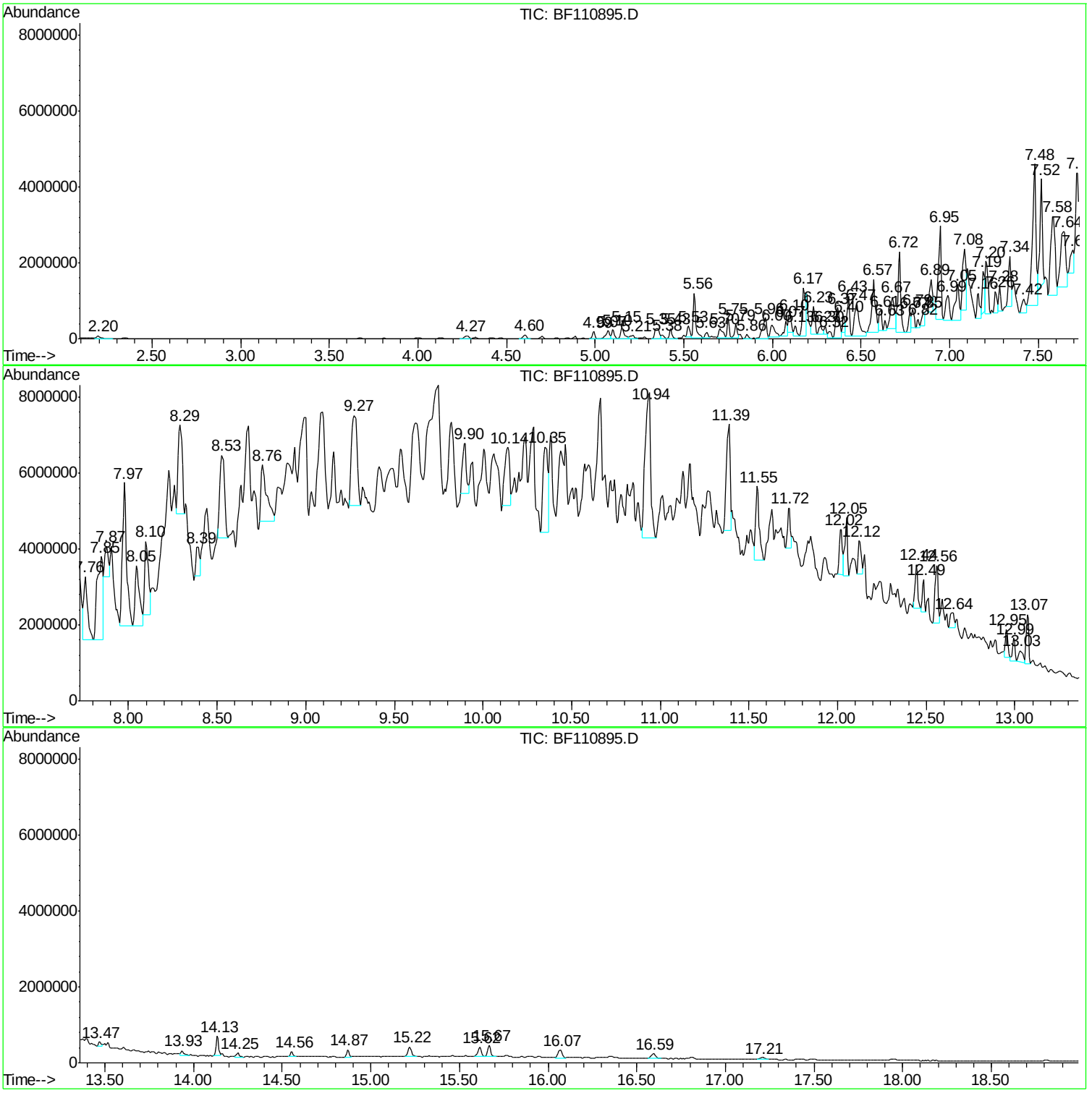
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110895.D
Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF112018\
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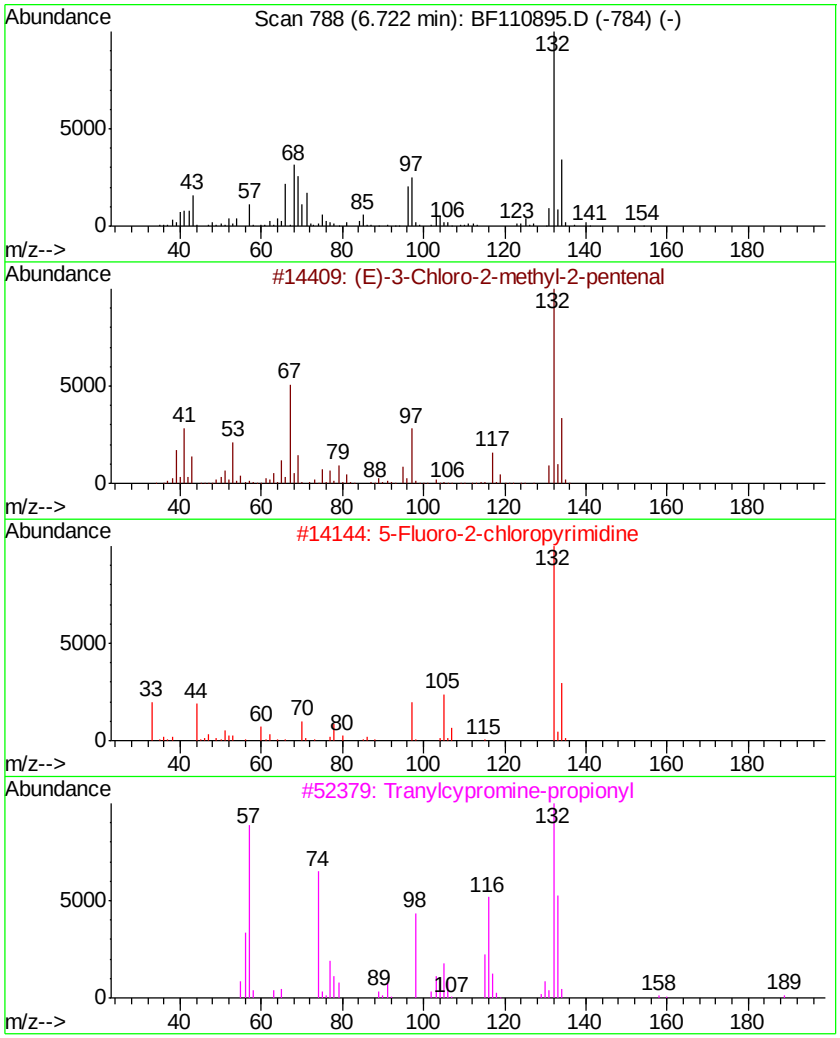
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

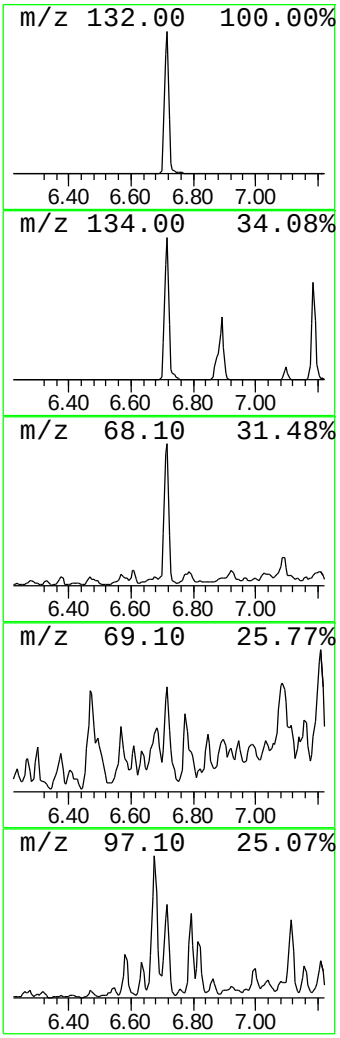
****

Peak Number 1 unknown6.72 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	18.37 ng	2339610	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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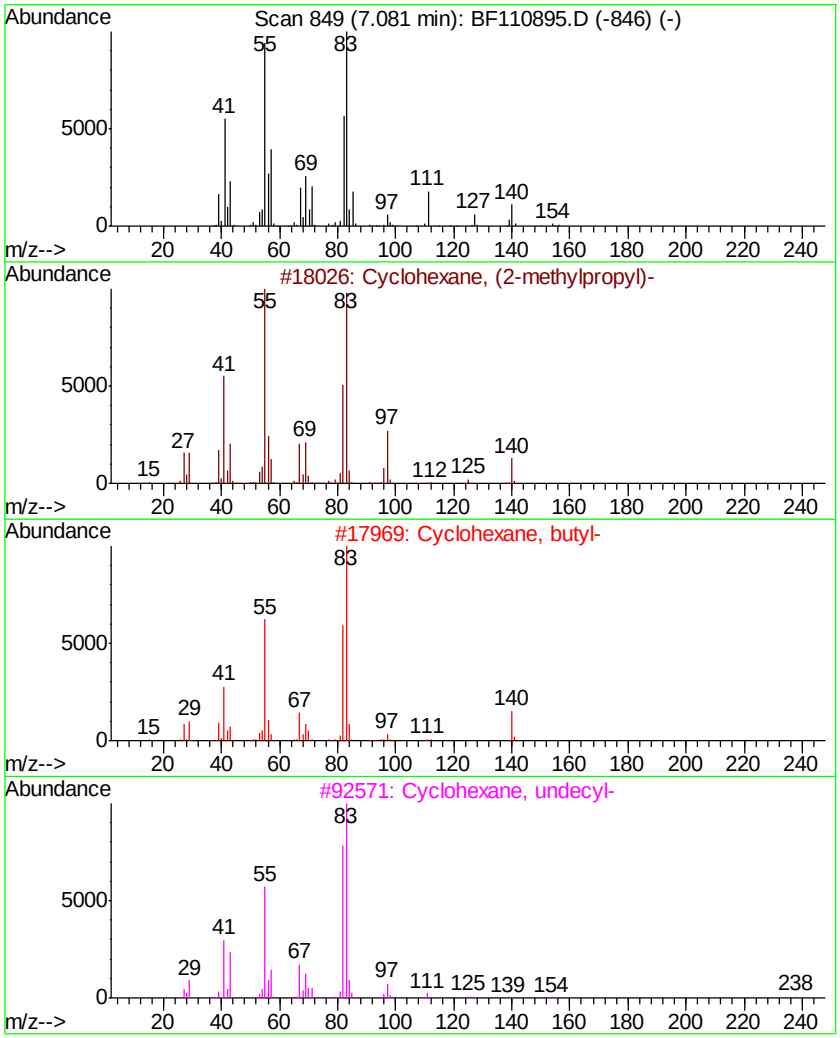
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

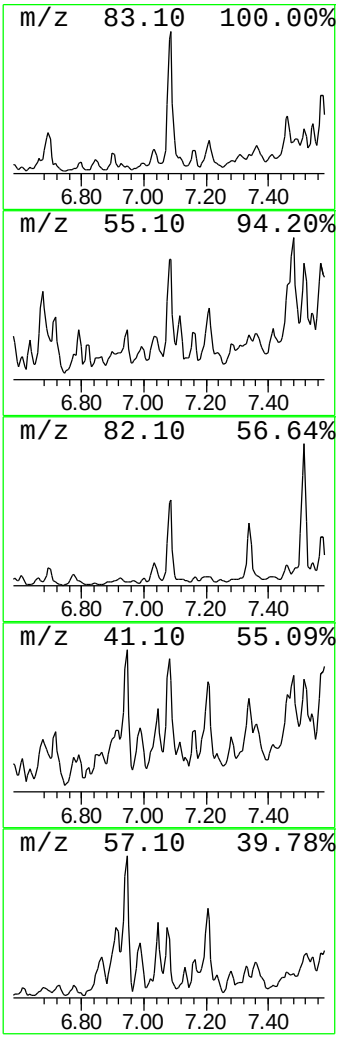
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	15.13 ng	1925900	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	81
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	50





Library Search Compound Report

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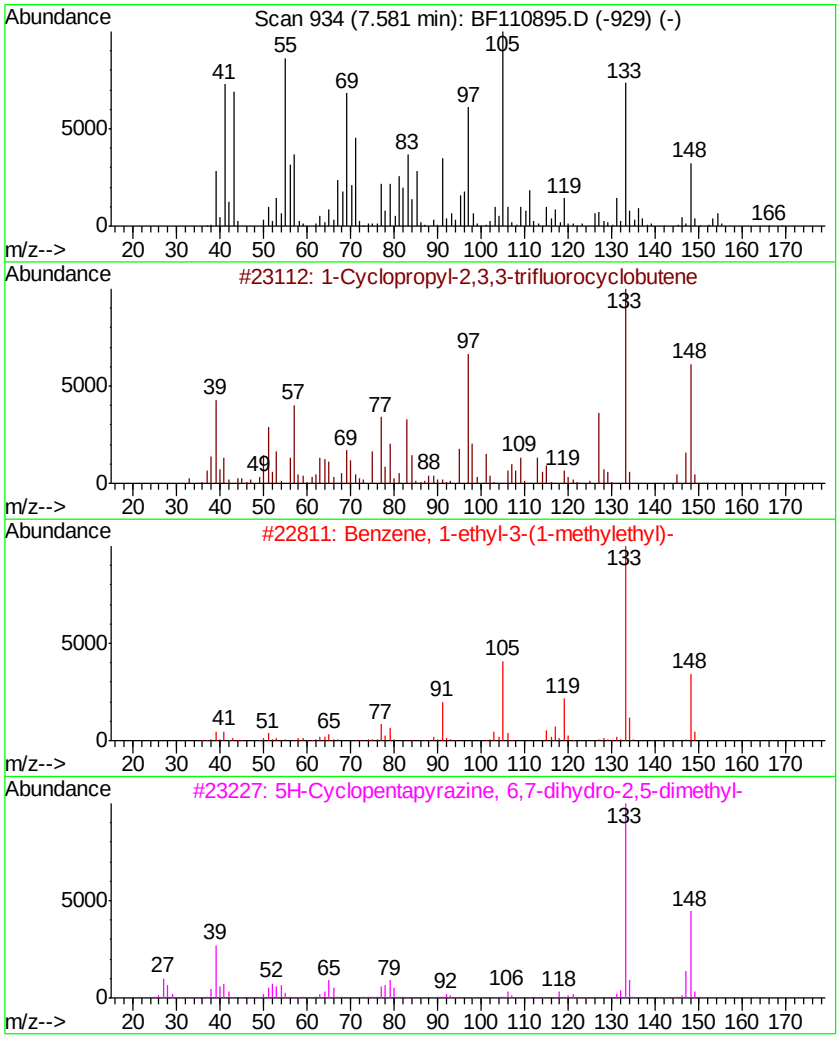
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

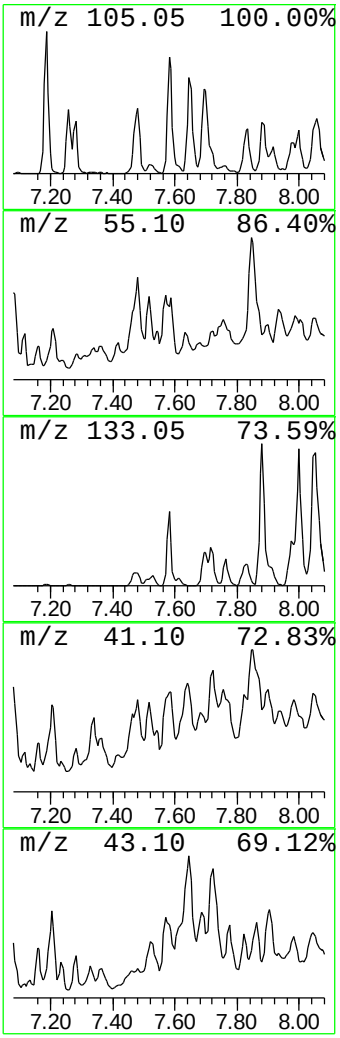
****

Peak Number 3 1-Cyclopropyl-2,3,3-trifluo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	27.32 ng	3478550	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopropyl-2,3,3-trifluorocyc...	148	C7H7F3	1000274-32-9	53
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
3	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	42
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	42
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	42





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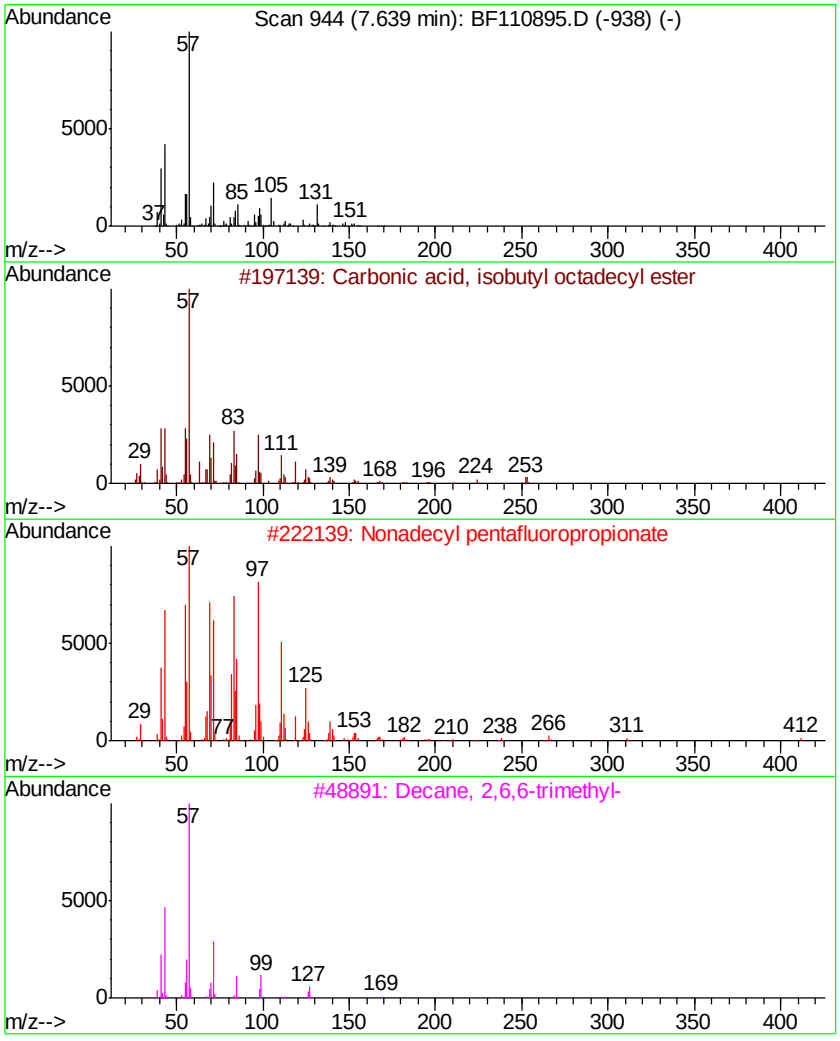
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

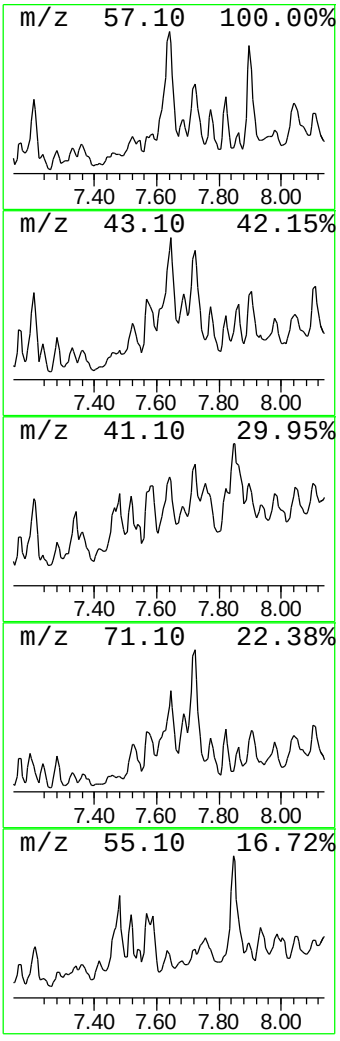
****

Peak Number 4 Carbonic acid, isobutyl oct... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	16.59 ng	2945730	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	50
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	38
3	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	38
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

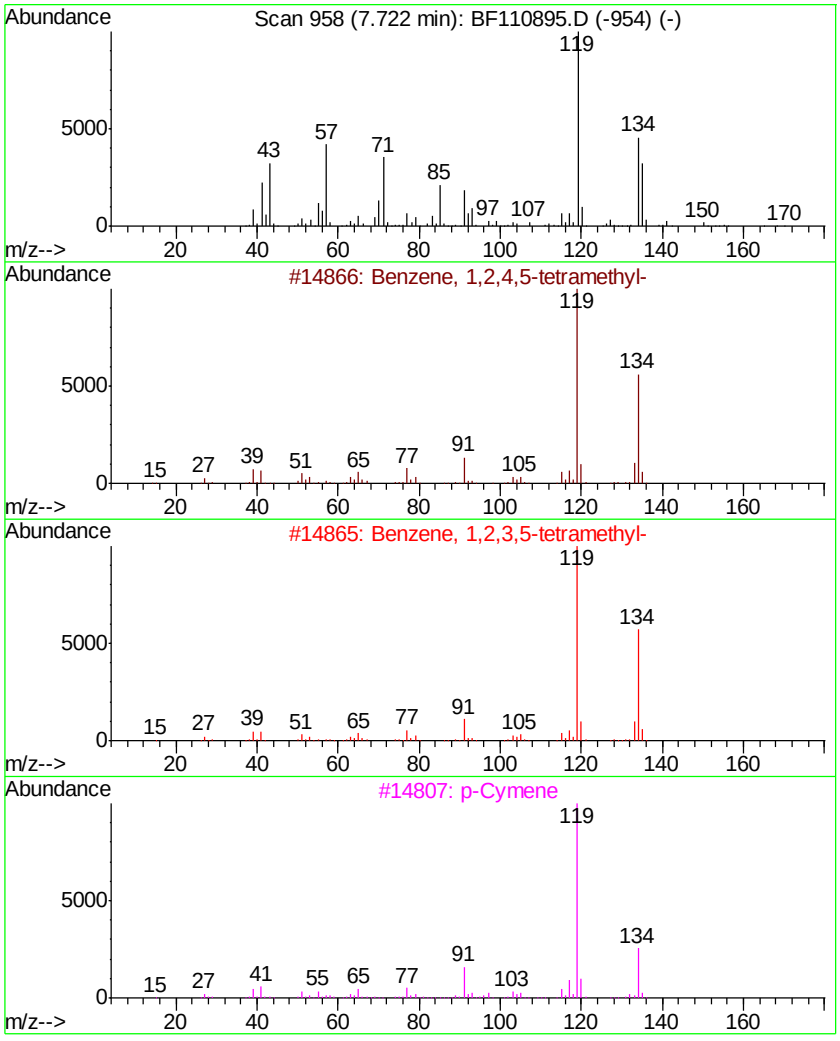
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

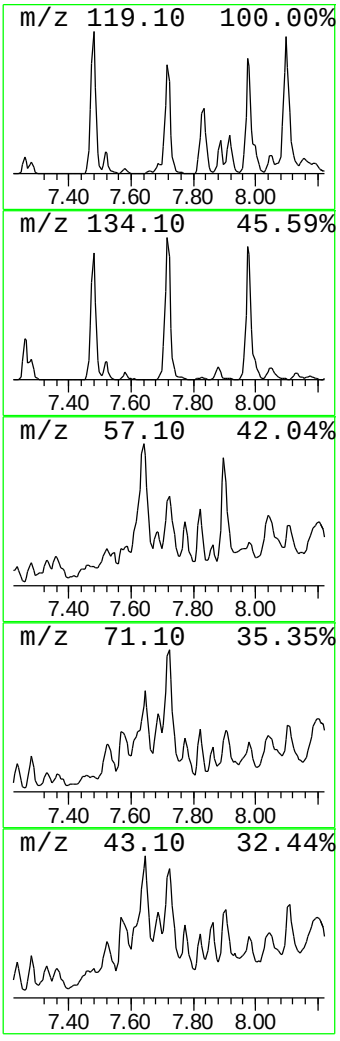
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	13.96 ng	2479030	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	p-Cymene	134	C10H14	000099-87-6	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
5	o-Cymene	134	C10H14	000527-84-4	68





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Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
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Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

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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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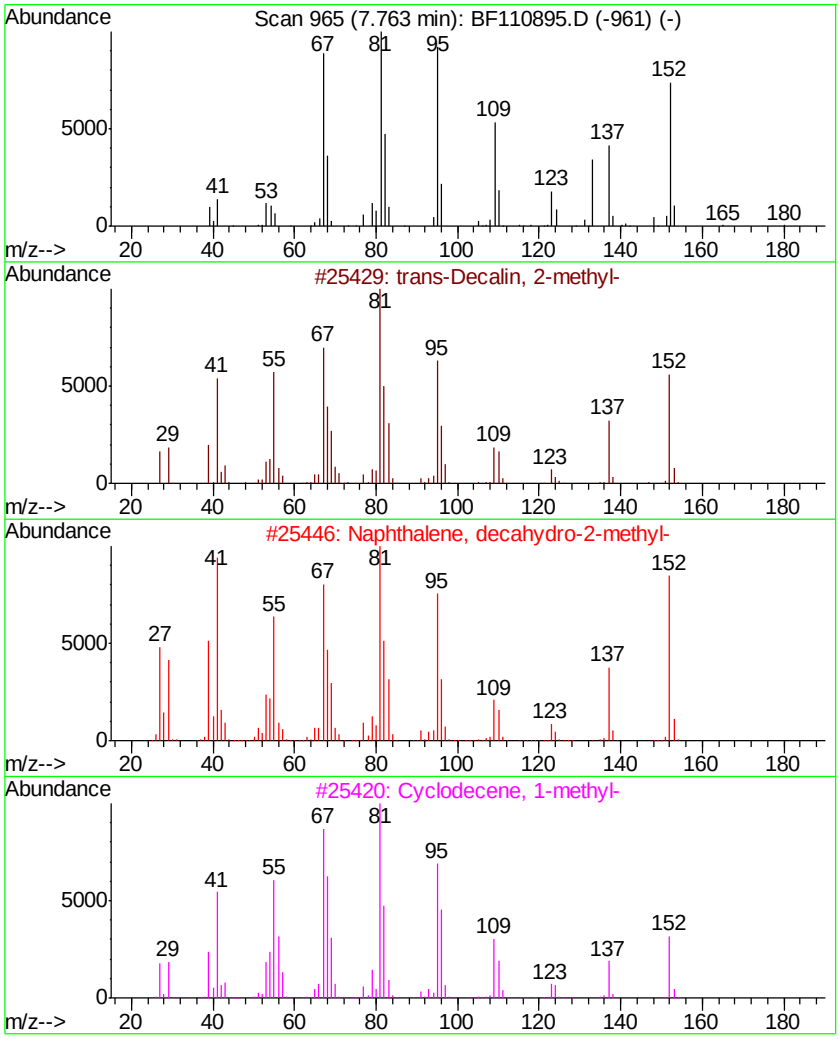
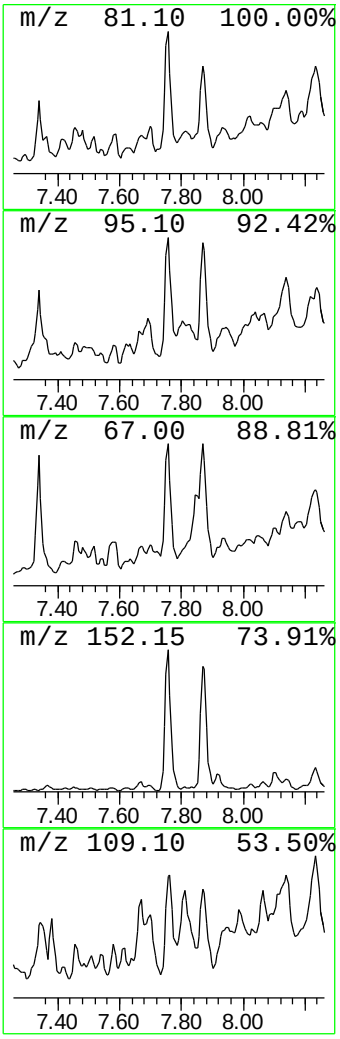
Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	15.12 ng	2684740	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	58
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58





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Misc :
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Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

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

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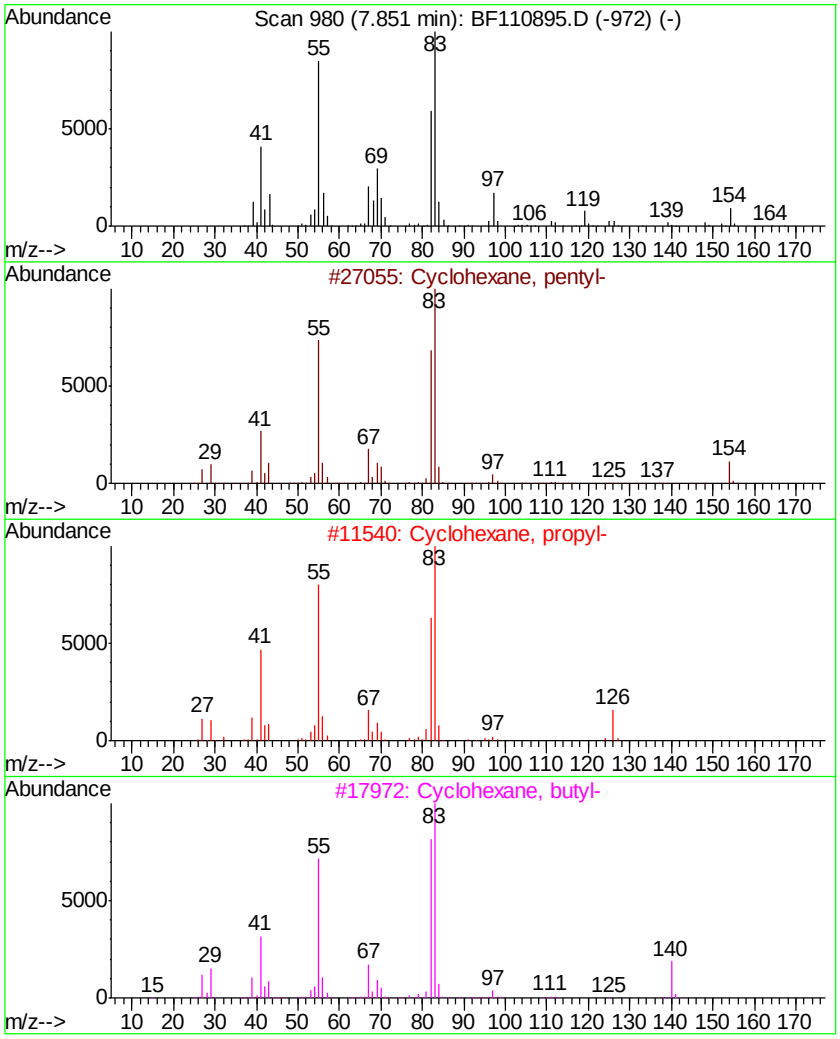
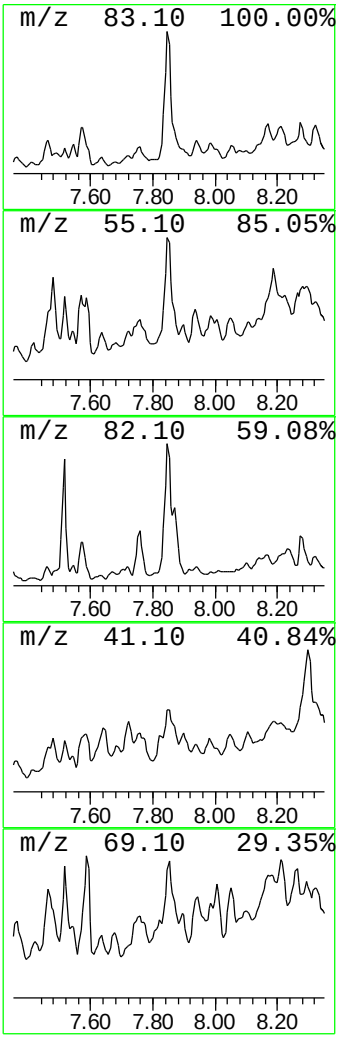
Peak Number 7 Cyclohexane, pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	27.68 ng	4914130	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





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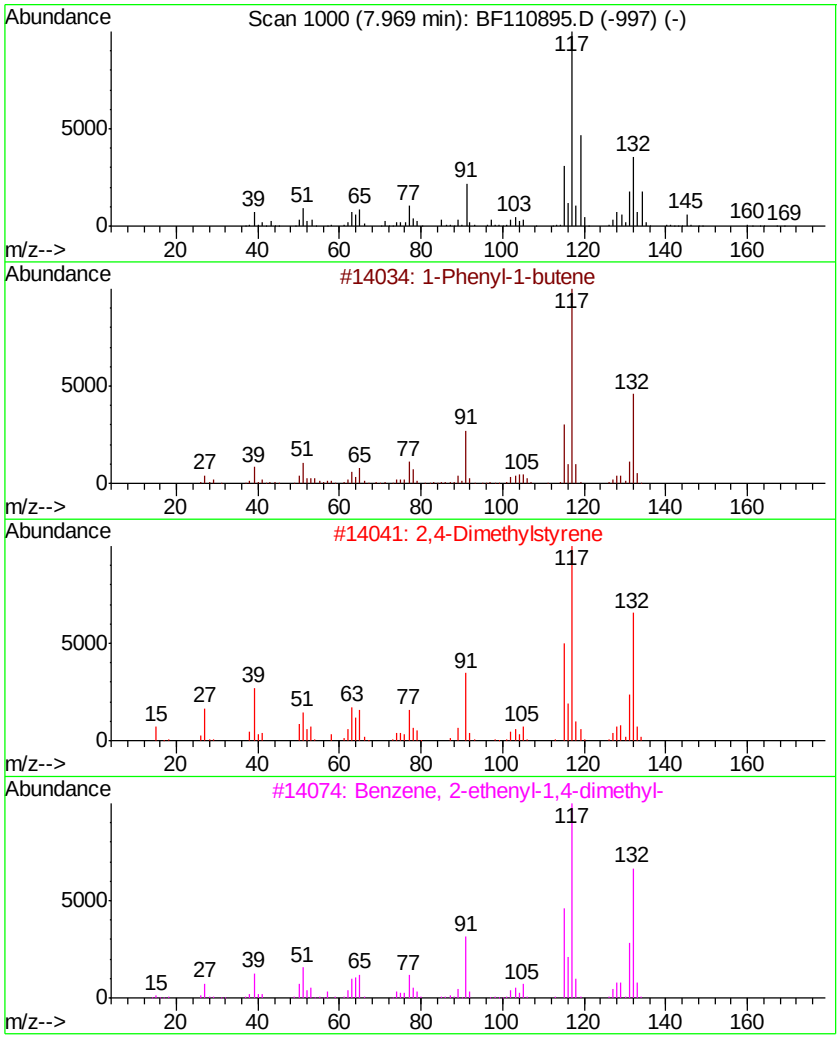
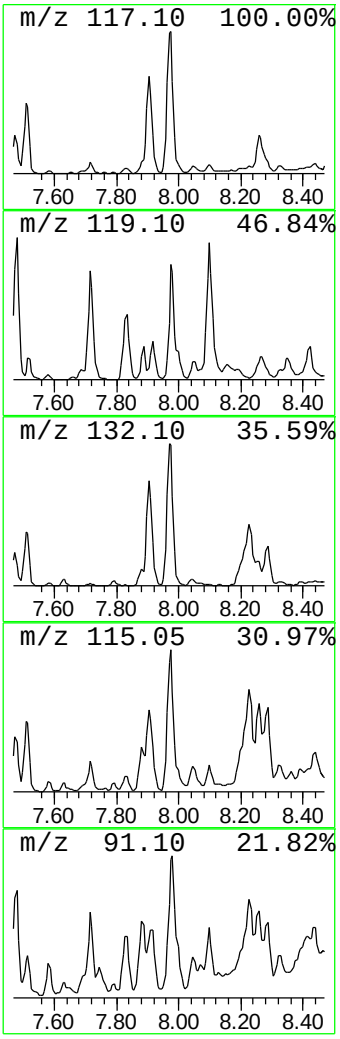
Peak Number 8 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	33.91 ng	6020220	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





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ClientSampleId : NON-UST-03R-C

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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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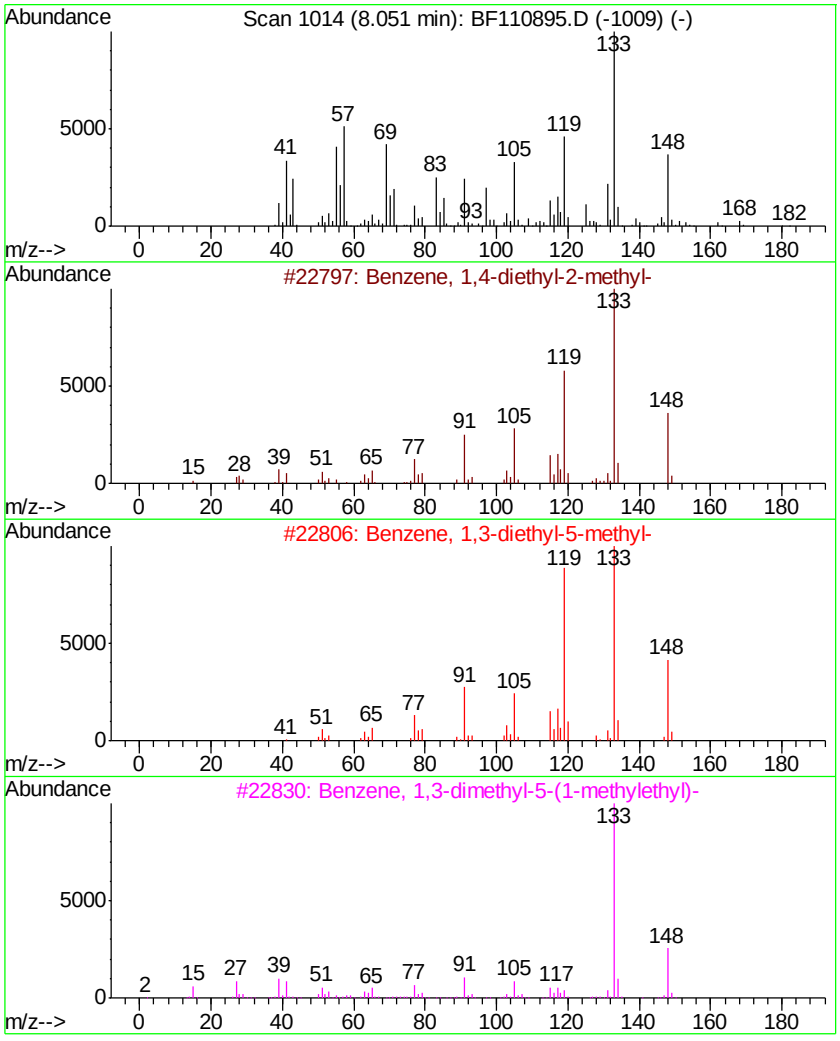
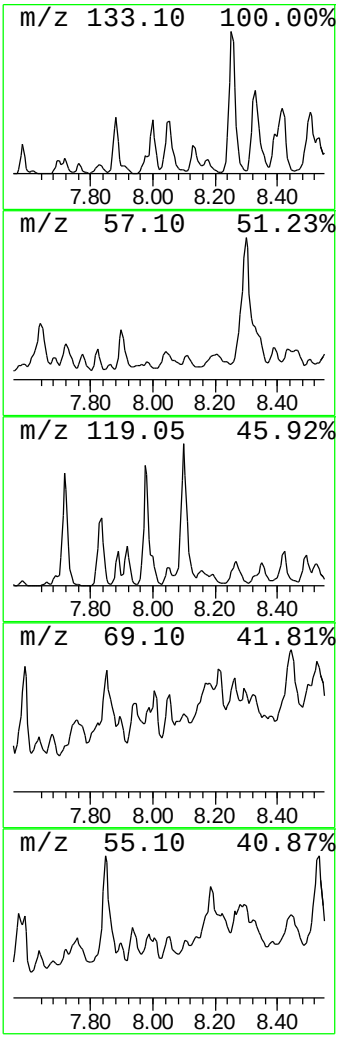
Peak Number 9 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	15.56 ng	2762950	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	96
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	55





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Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

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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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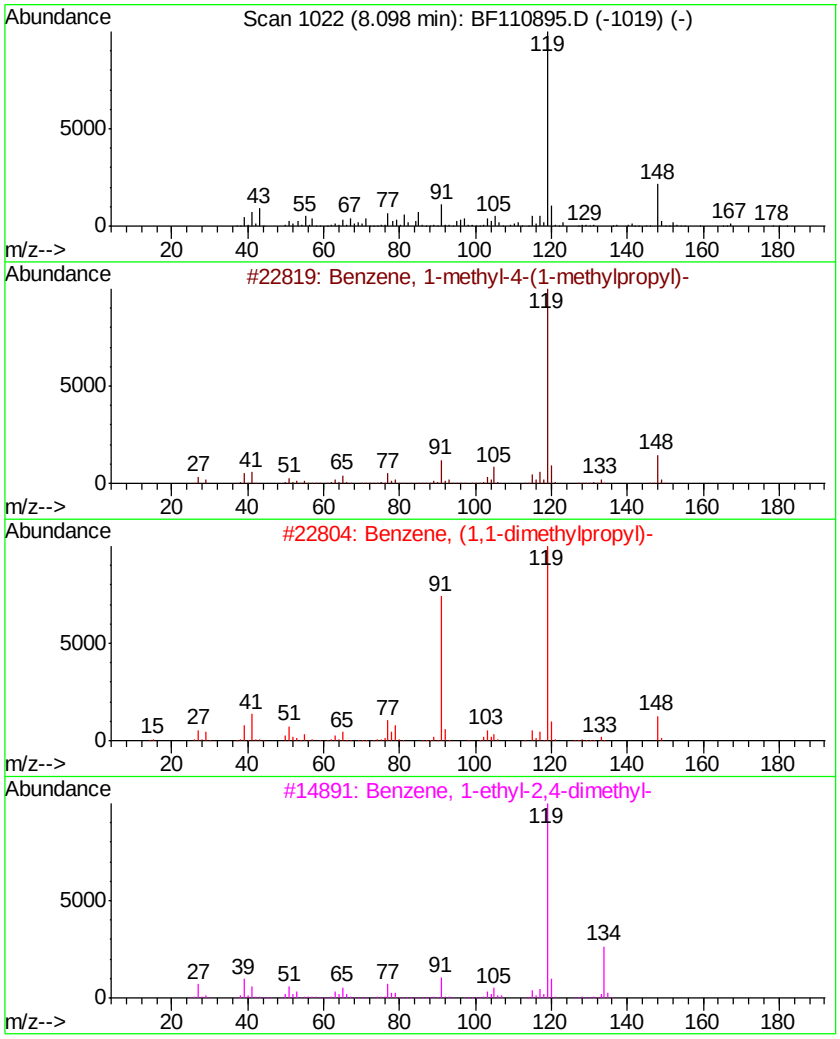
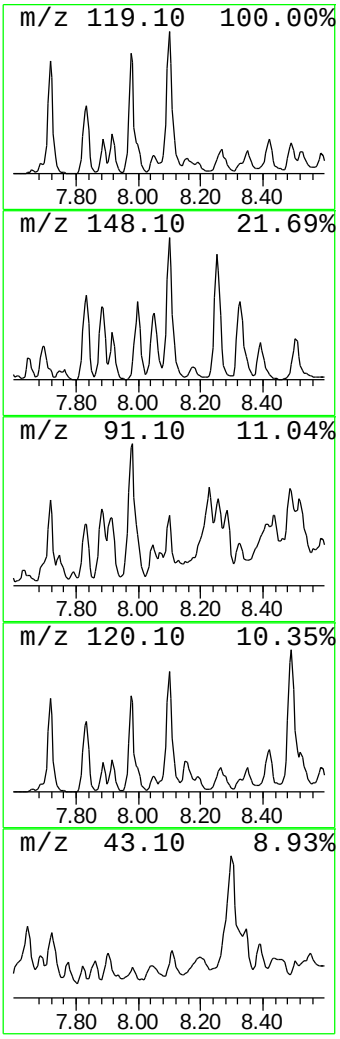
Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	15.68 ng	2783250	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
5	p-Toluic acid, tridec-2-ynyl ester	314	C21H30O2	1000292-50-9	50





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Sample : J6003-07
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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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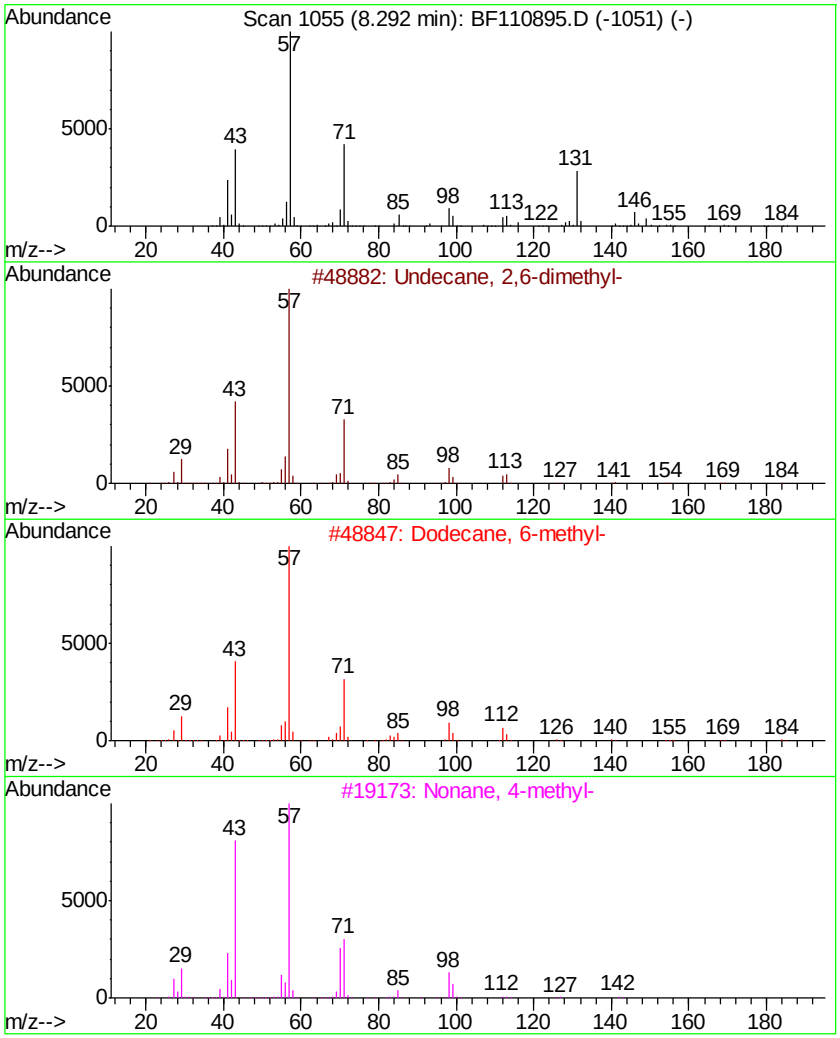
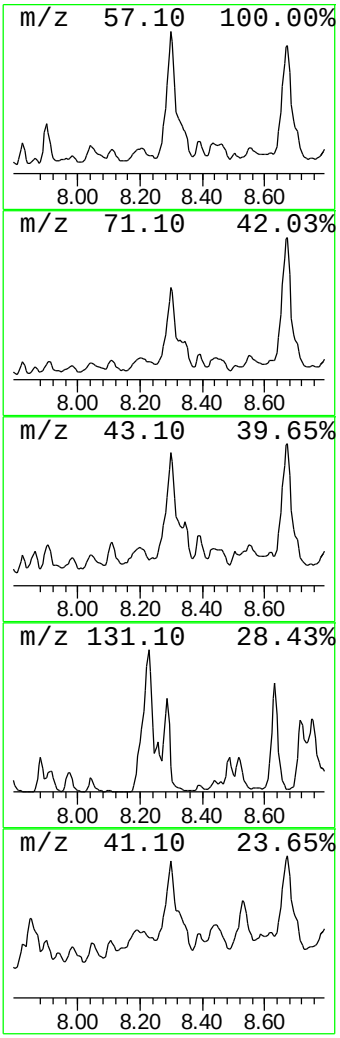
Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	20.00 ng	3550350	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	50
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47





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Misc :
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ClientSampleId : NON-UST-03R-C

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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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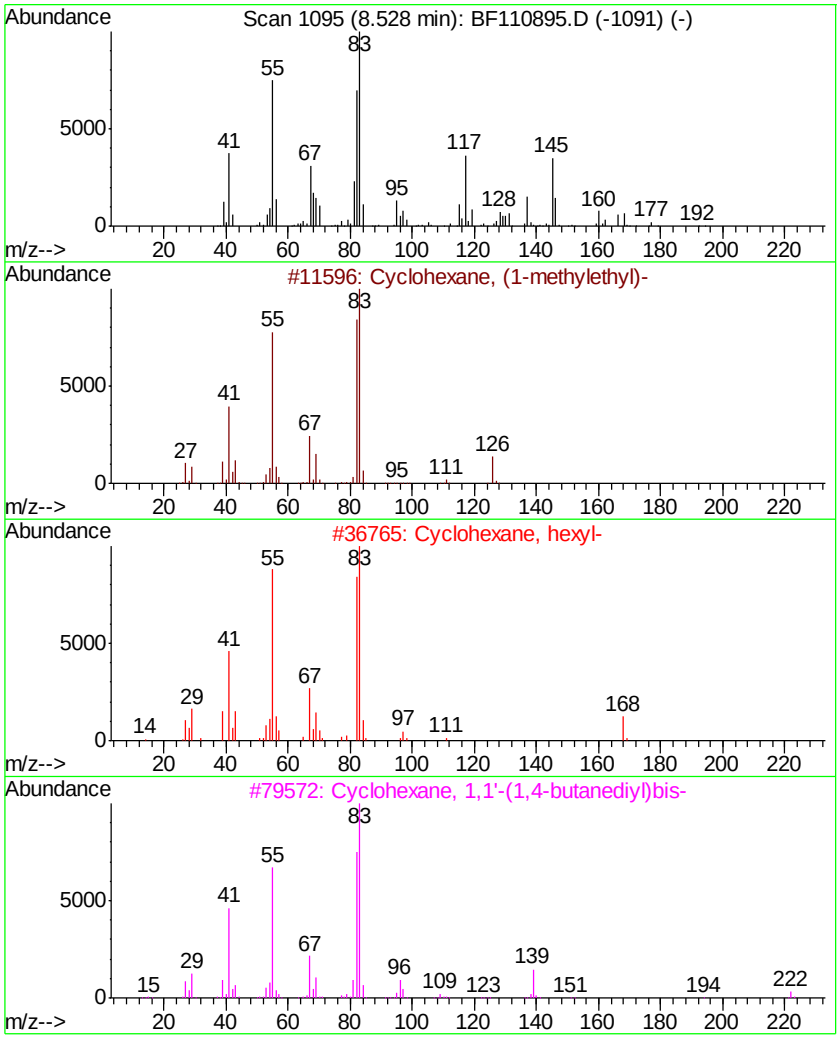
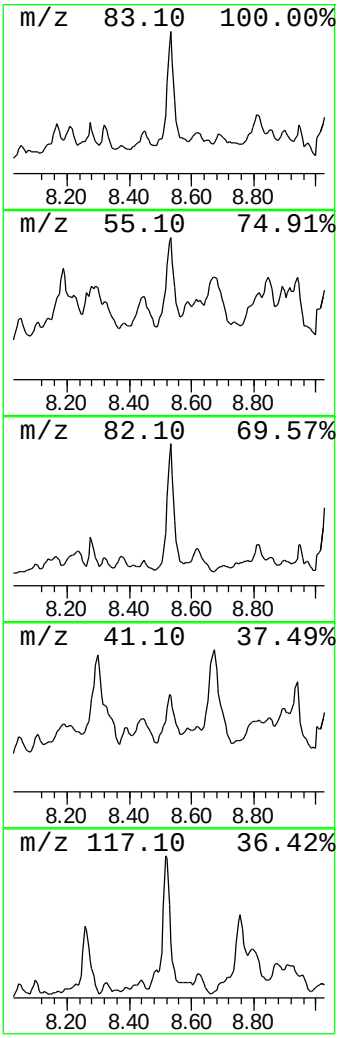
Peak Number 12 Cyclohexane, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	21.37 ng	3793370	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	62
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	52





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

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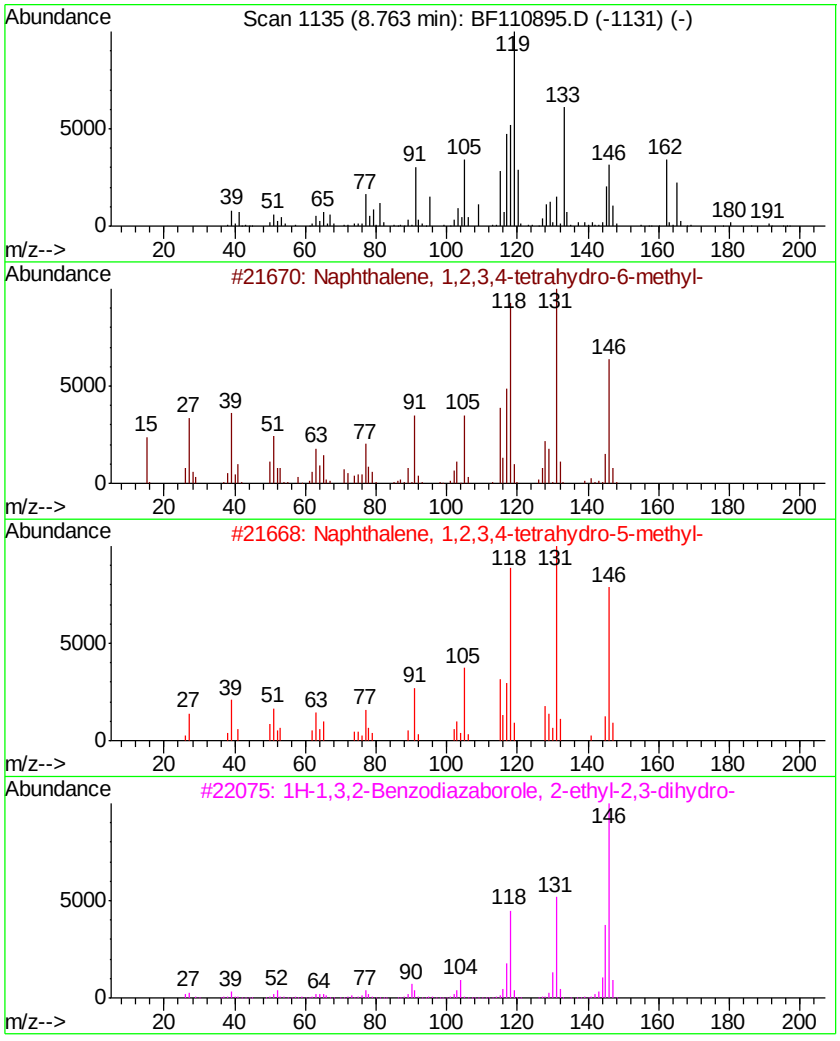
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

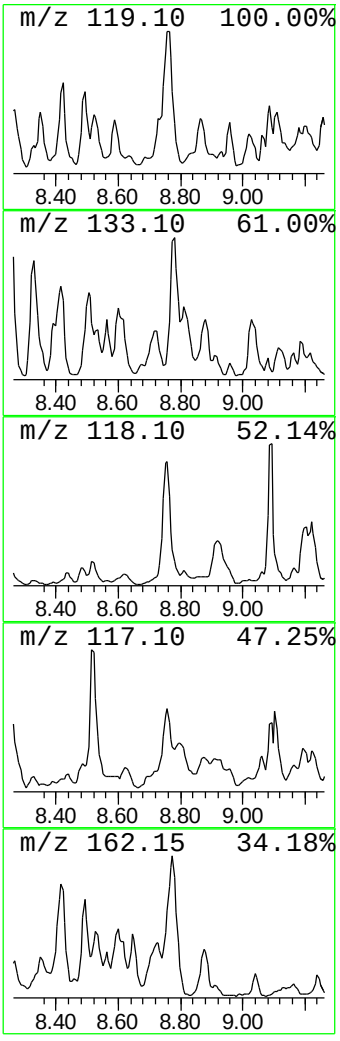
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	18.27 ng	3242570	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	78
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	46
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38





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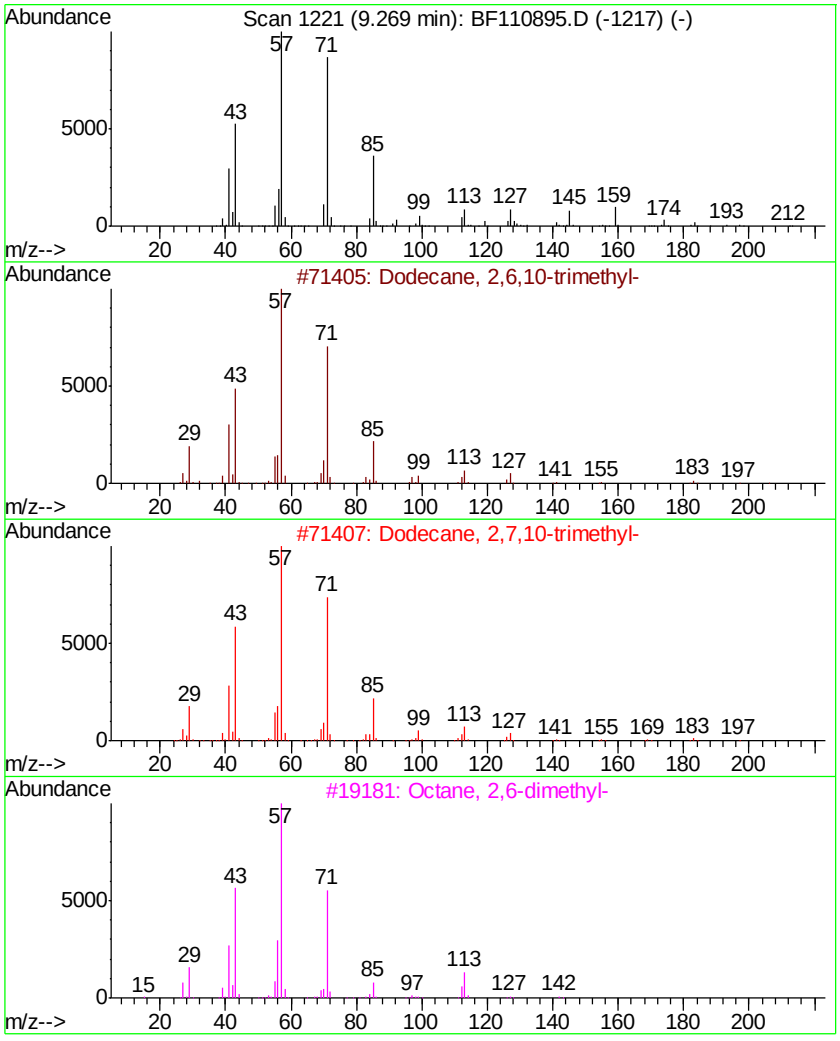
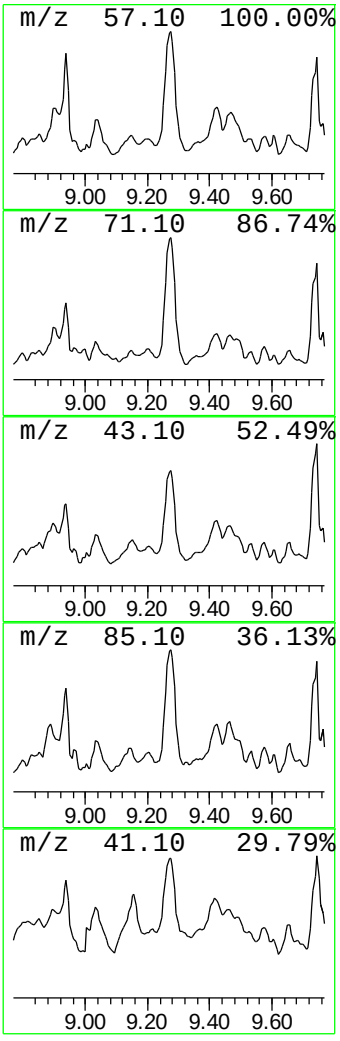
Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	33.68 ng	5200200	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53





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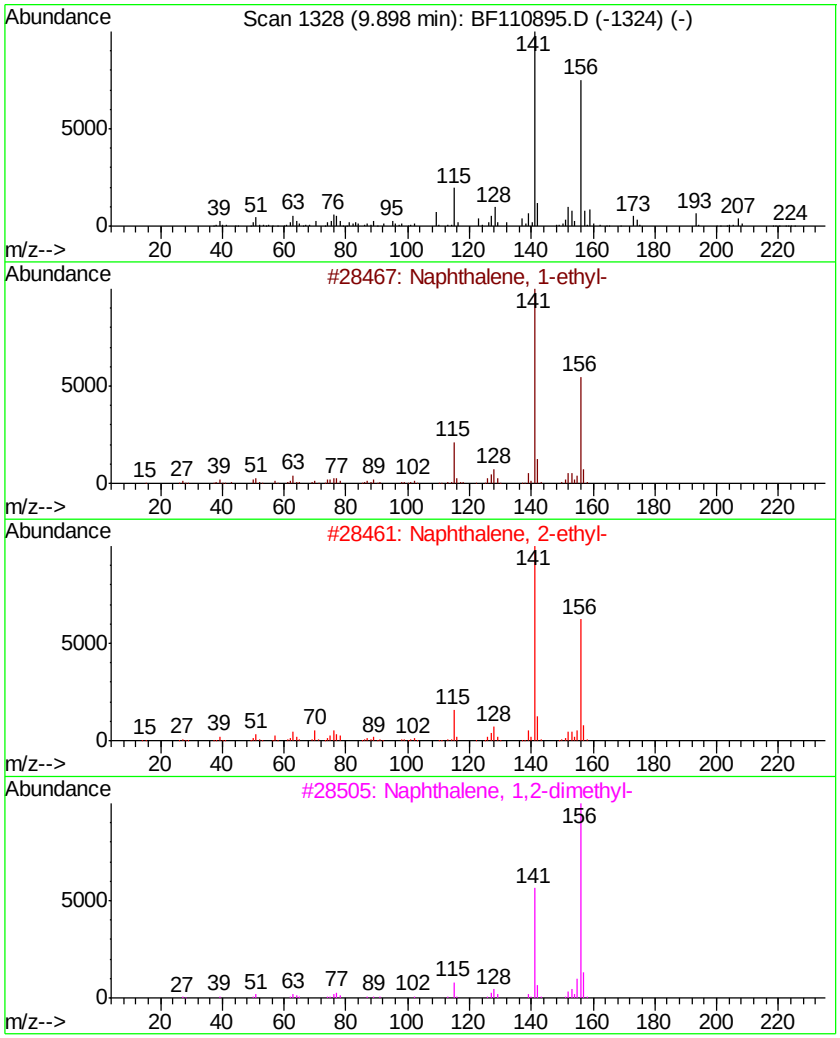
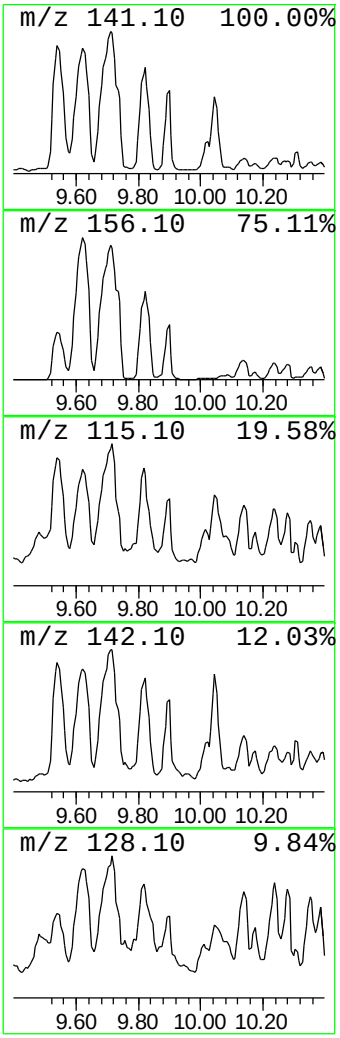
Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	12.86 ng	1986300	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	83





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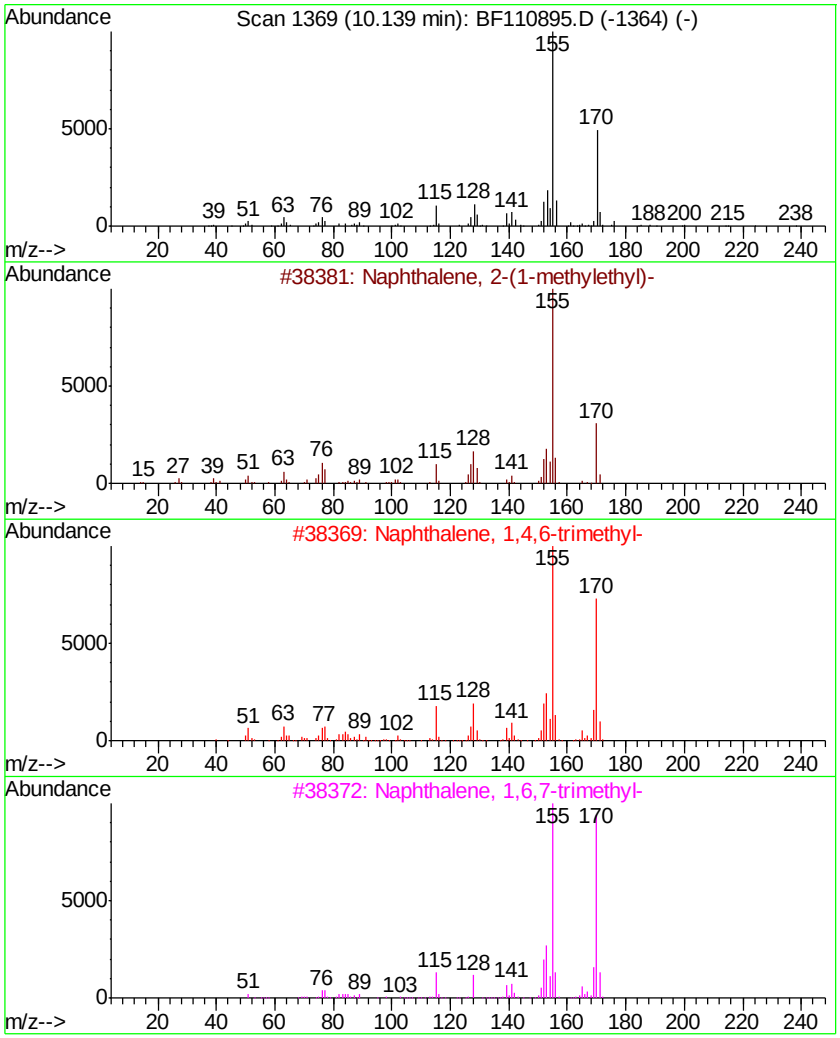
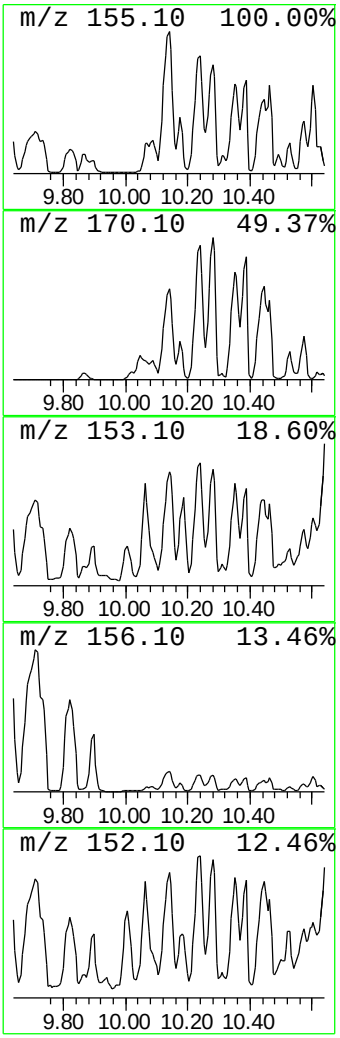
Peak Number 16 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	20.00 ng	3088330	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110895.D
Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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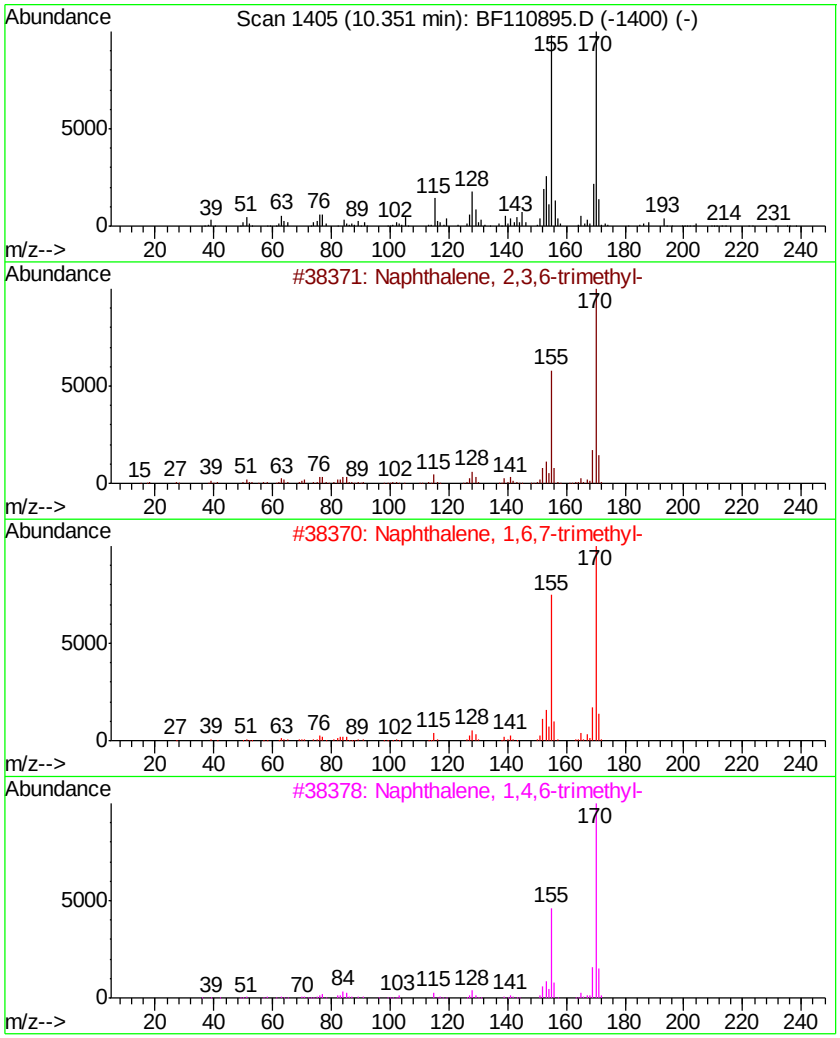
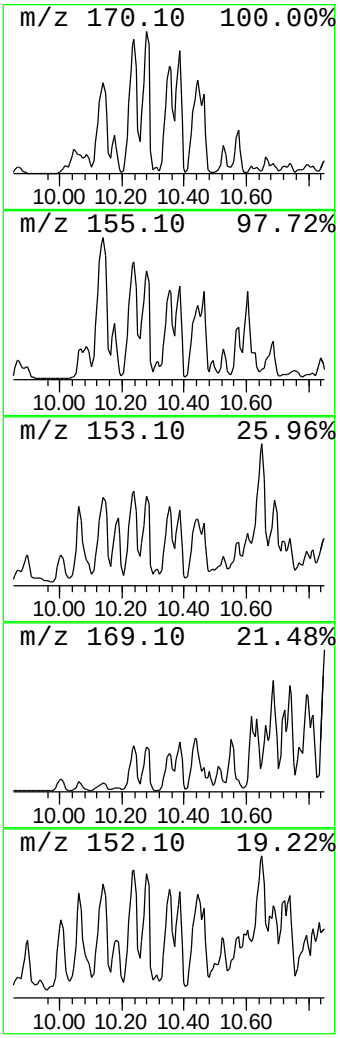
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	27.86 ng	4301540	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Sample : J6003-07
Misc :
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Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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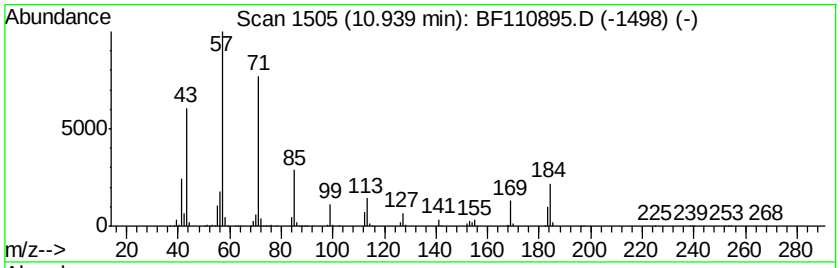
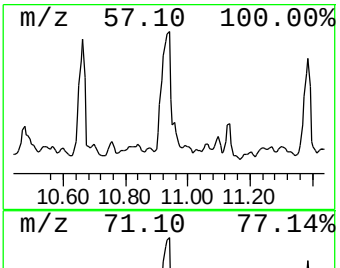
Peak Number 18 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	57.02 ng	8368740	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	62
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	53
5	Dodecane	170	C12H26	000112-40-3	52





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Data File : BF110895.D
Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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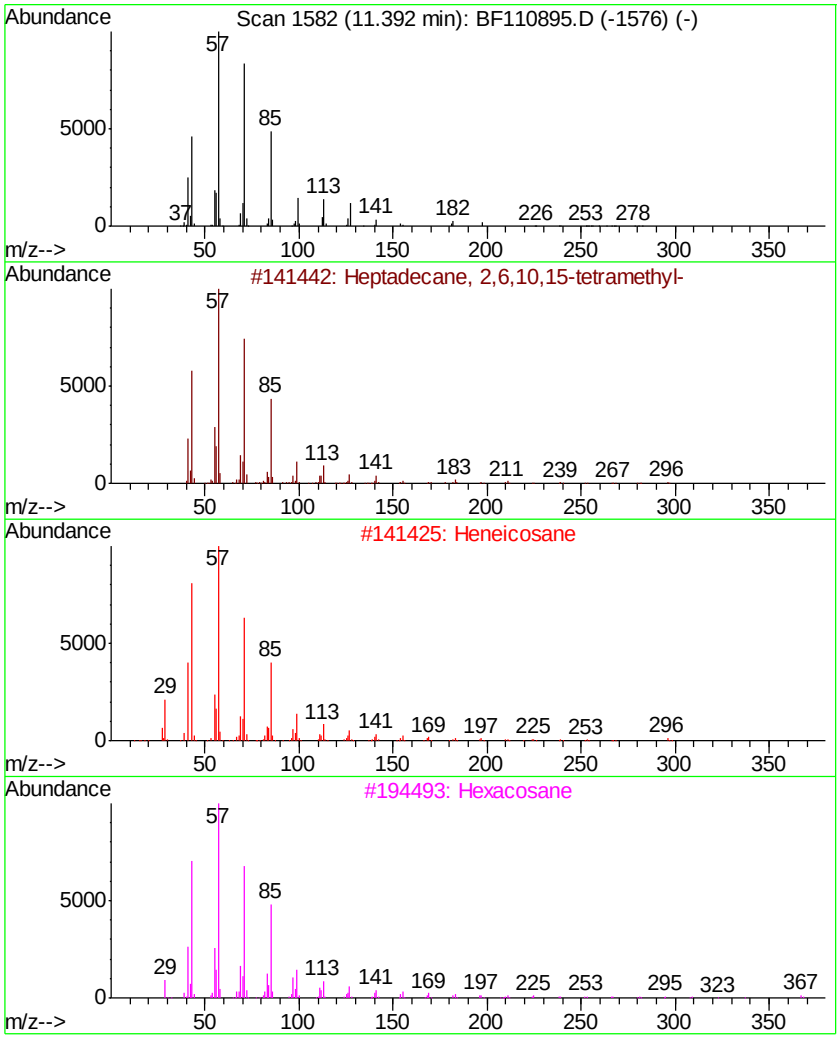
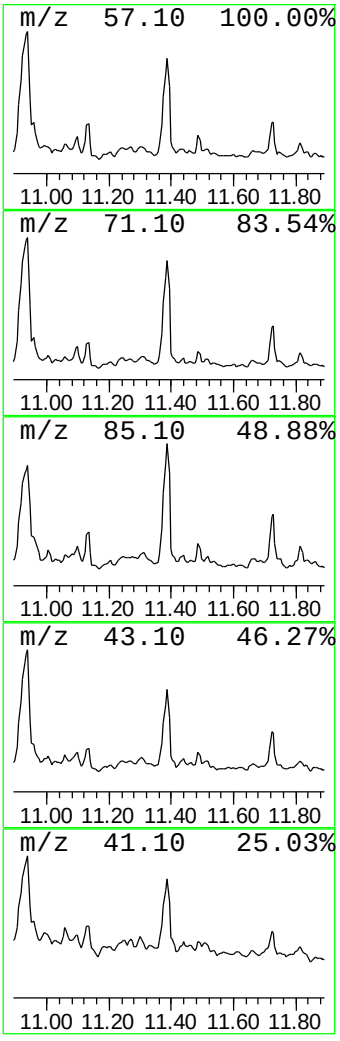
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	25.99 ng	3814650	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Heneicosane	296	C21H44	000629-94-7	78
3	Hexacosane	366	C26H54	000630-01-3	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BF110895.D
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Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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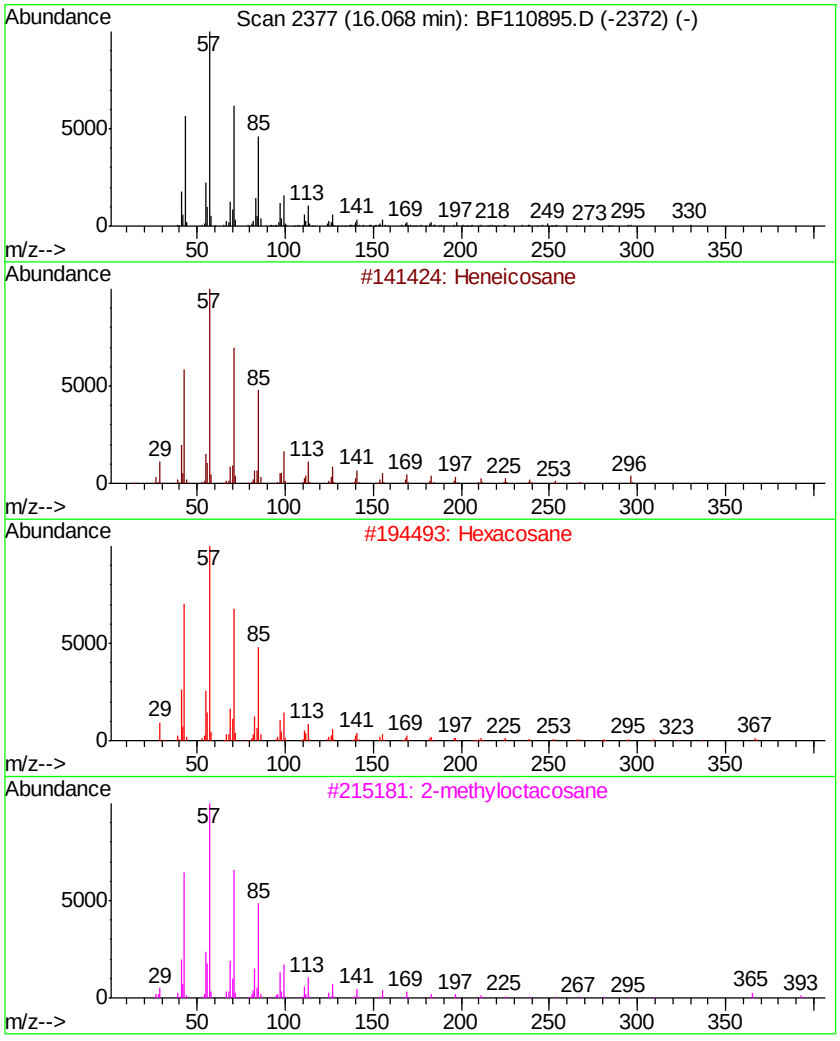
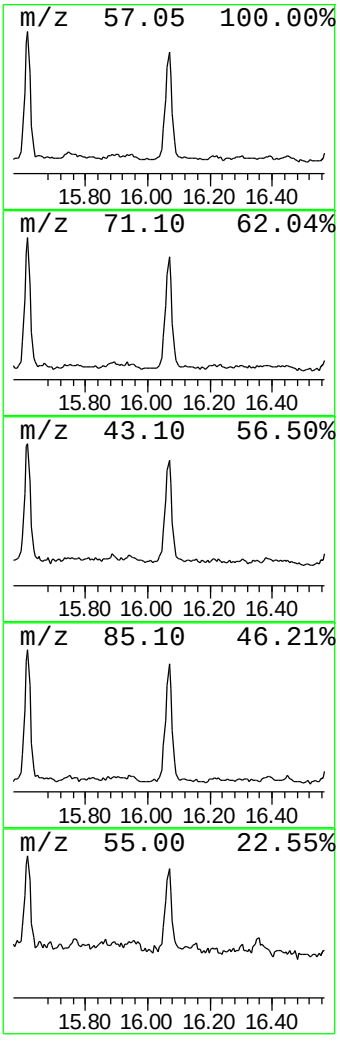
Peak Number 20 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	15.83 ng	314918	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110895.D
Acq On : 20 Nov 2018 15:39
Operator : JU/SJ
Sample : J6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
unknown6.72	6.72	18.4	ng	2339610	1	6.95	2546590	20.0
Cyclohexane, (2-m...	7.08	15.1	ng	1925900	1	6.95	2546590	20.0
1-Cyclopropyl-2,3...	7.58	27.3	ng	3478550	1	6.95	2546590	20.0
Carbonic acid, is...	7.64	16.6	ng	2945730	2	8.24	3550350	20.0
Benzene, 1,2,4,5-...	7.72	14.0	ng	2479030	2	8.24	3550350	20.0
trans-Decalin, 2-...	7.76	15.1	ng	2684740	2	8.24	3550350	20.0
Cyclohexane, pentyl-	7.85	27.7	ng	4914130	2	8.24	3550350	20.0
1-Phenyl-1-butene	7.97	33.9	ng	6020220	2	8.24	3550350	20.0
Benzene, 1,4-diet...	8.05	15.6	ng	2762950	2	8.24	3550350	20.0
Benzene, 1-methyl...	8.10	15.7	ng	2783250	2	8.24	3550350	20.0
Undecane, 2,6-dim...	8.29	20.0	ng	3550350	2	8.24	3550350	20.0
Cyclohexane, (1-m...	8.53	21.4	ng	3793370	2	8.24	3550350	20.0
Naphthalene, 1,2,...	8.76	18.3	ng	3242570	2	8.24	3550350	20.0
Dodecane, 2,6,10-...	9.27	33.7	ng	5200200	3	10.03	3088330	20.0
Naphthalene, 1-et...	9.90	12.9	ng	1986300	3	10.03	3088330	20.0
Naphthalene, 2-(1...	10.14	20.0	ng	3088330	3	10.03	3088330	20.0
Naphthalene, 2,3,...	10.35	27.9	ng	4301540	3	10.03	3088330	20.0
Hexadecane, 2,6,1...	10.94	57.0	ng	8368740	4	11.52	2935400	20.0
Heptadecane, 2,6,...	11.39	26.0	ng	3814650	4	11.52	2935400	20.0
Heneicosane	16.07	15.8	ng	314918	6	15.67	397991	20.0