LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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-BF051019.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	5.451	569	572	581	rVV	2202975	2255833	18.86%	0.908%
2	5.987	659	663	667	rVB3	362098	491749	4.11%	0.198%
3	6.081	675	679	681	rVV2	854389	1014125	8.48%	0.408%
4	6.104	681	683	686	rVV2	434409	420354	3.51%	0.169%
5	6.269	705	711	713	rBV	452325	553328	4.63%	0.223%
6	6.328	719	721	724	rVB	578284	410625	3.43%	0.165%
7	6.363	724	727	734	rBV3	627947	831112	6.95%	0.334%
8	6.469	742	745	749	rVV	2780097	2818390	23.57%	1.134%
9	6.569	758	762	765	rVV3	507663	843992	7.06%	0.340%
10	6.604	765	768	775	rVB	3123162	3217837	26.91%	1.295%
11	6.687	775	782	785	rBV4	348259	539957	4.51%	0.217%
12	6.798	792	801	802	rBV5	361925	834895	6.98%	0.336%
13	6.828	802	806	807	rVV	1920858	1831189	15.31%	0.737%
14	6.845	807	809	813	rVB	1896380	1512902	12.65%	0.609%
15	6.887	813	816	819	rVB2	486395	514419	4.30%	0.207%
16	6.922	819	822	824	rBV3	360492	432592	3.62%	0.174%
17	6.981	828	832	835	rBV2	2684840	3250723	27.18%	1.308%
18	7.010	835	837	840	rVB	749079	575508	4.81%	0.232%
19	7.104	850	853	856	rVB2	1375065	1460706	12.21%	0.588%
20	7.134	856	858	862	rBV2	809160	967880	8.09%	0.389%
21	7.169	862	864	868	rVB3	345209	413730	3.46%	0.166%
22	7.222	868	873	876	rBV2	1319937	1456566	12.18%	0.586%
23	7.257	876	879	885	rVB6	431370	605647	5.06%	0.244%
24	7.363	890	897	899	rBV3	1855257	2637267	22.05%	1.061%
25	7.392	899	902	907	rVB3	1918207	2288656	19.14%	0.921%
26	7.475	911	916	919	rVB4	1385475	2197170	18.37%	0.884%
27	7.539	919	927	930	rBV3	1188047	2622521	21.93%	1.055%
28	7.581	931	934	936	rBV2	528198	603032	5.04%	0.243%
29	7.610	936	939	941	rVB2	1048355	1114573	9.32%	0.449%
30	7.634	941	943	947	rVB	1389764	1258118	10.52%	0.506%
31	7.716	953	957	958	rBV2	752974	763495	6.38%	0.307%
32	7.734	958	960	961	rVV	1107025	808455	6.76%	0.325%
33	7.751	961	963	967	rVB4	1847277	1898471	15.87%	0.764%
34	7.798	967	971	974	rBV3	1645879	2160281	18.06%	0.869%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.834	974	977	978	rBV	856911	743372	6.22%	0.299%
36	7.857	978	981	987	rVB3	1873136	3010531	25.17%	1.211%
37	7.910	987	990	992	rBV	1313705	989684	8.28%	0.398%
38	7.934	992	994	996	rBV2	835494	846601	7.08%	0.341%
39	7.986	1000	1003	1007	rBV3	889390	1438316	12.03%	0.579%
40	8.051	1012	1014	1015	rBV	783026	578538	4.84%	0.233%
41	8.069	1015	1017	1019	rVV2	544908	563487	4.71%	0.227%
42	8.110	1019	1024	1027	rVV2	2453656	4162919	34.81%	1.675%
43	8.181	1031	1036	1038	rVB	4735323	5064065	42.34%	2.038%
44	8.204	1038	1040	1043	rBV3	1292152	1075375	8.99%	0.433%
45	8.269	1048	1051	1053	rBV3	1066525	1187595	9.93%	0.478%
46	8.322	1056	1060	1062	rVB2	1433146	1615239	13.51%	0.650%
47	8.410	1070	1075	1077	rBV3	2730540	3485954	29.15%	1.403%
48	8.463	1082	1084	1086	rVB2	1805537	1293653	10.82%	0.521%
49	8.492	1086	1089	1093	rVB3	2240116	2917302	24.39%	1.174%
50	8.545	1093	1098	1102	rBV	6477896	7837111	65.53%	3.154%
51	8.581	1102	1104	1107	rVB2	1668532	1589124	13.29%	0.639%
52	8.622	1108	1111	1114	rBV2	2526273	2169142	18.14%	0.873%
53	8.663	1114	1118	1120	rBV3	1619325	1915152	16.01%	0.771%
54	8.710	1123	1126	1130	rBV4	901697	1662914	13.90%	0.669%
55	8.775	1135	1137	1139	rVV2	1256713	1198781	10.02%	0.482%
56	8.810	1139	1143	1145	rVB2	2134635	2089722	17.47%	0.841%
57	8.833	1145	1147	1150	rVB	4032704	3100872	25.93%	1.248%
58	8.869	1150	1153	1155	rVB3	1226737	1016506	8.50%	0.409%
59	8.904	1155	1159	1160	rBV3	1070669	1660792	13.89%	0.668%
60	8.933	1161	1164	1167	rVB2	2703230	3034153	25.37%	1.221%
61	8.998	1172	1175	1176	rBV2	1383374	1559357	13.04%	0.627%
62	9.028	1178	1180	1184	rVB3	2174161	2654412	22.20%	1.068%
63	9.116	1192	1195	1196	rBV2	1346725	1107159	9.26%	0.446%
64	9.145	1196	1200	1204	rVB	6292709	6202513	51.86%	2.496%
65	9.192	1205	1208	1210	rVB	2868612	2481340	20.75%	0.998%
66	9.233	1213	1215	1217	rBV2	586254	447871	3.74%	0.180%
67	9.286	1219	1224	1227	rBV4	2284547	4211229	35.21%	1.695%
68	9.322	1228	1230	1232	rBV2	852502	905529	7.57%	0.364%
69	9.392	1240	1242	1246	rVB	2380822	2494621	20.86%	1.004%
70	9.469	1250	1255	1258	rVB	3522908	4843404	40.50%	1.949%
71	9.539	1264	1267	1269	rBV	3602870	4077584	34.10%	1.641%

LSC Area Percent Report

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Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.569	1269	1272	1273	rVV2	2412831	2506775	20.96%	1.009%
73	9.604	1273	1278	1280	rVB2	6945365	8911517	74.52%	3.586%
74	9.628	1280	1282	1284	rVB2	849463	561438	4.69%	0.226%
75	9.657	1284	1287	1291	rBV2	2055096	2072561	17.33%	0.834%
76	9.739	1298	1301	1305	rBV3	2138106	3043808	25.45%	1.225%
77	9.786	1307	1309	1312	rVB3	2819007	2774617	23.20%	1.117%
78	9.857	1317	1321	1327	rBV6	2768986	6205449	51.89%	2.497%
79	9.916	1327	1331	1333	rVV3	3103217	3129929	26.17%	1.259%
80	9.980	1339	1342	1347	rVB	2547430	3081217	25.76%	1.240%
81	10.033	1347	1351	1355	rBV6	1317127	2636552	22.05%	1.061%
82	10.075	1355	1358	1363	rVB2	2800309	3741860	31.29%	1.506%
83	10.133	1364	1368	1375	rVB5	3091082	6096327	50.98%	2.453%
84	10.198	1376	1379	1381	rBV2	2768749	3057204	25.56%	1.230%
85	10.227	1381	1384	1386	rBV	1393695	1144600	9.57%	0.461%
86	10.286	1391	1394	1399	rBV5	2410193	3798242	31.76%	1.528%
87	10.333	1400	1402	1405	rBV2	1237315	1481145	12.38%	0.596%
88	10.428	1415	1418	1424	rBV5	2440900	3215929	26.89%	1.294%
89	10.533	1431	1436	1439	rVB	6145224	7673135	64.16%	3.088%
90	10.645	1453	1455	1457	rVB2	1593078	1157530	9.68%	0.466%
91	10.669	1457	1459	1462	rBV2	1333228	1464967	12.25%	0.590%
92	10.810	1477	1483	1488	rBV	7862518	11959342	100.00%	4.812%
93	11.269	1557	1561	1566	rVB2	6811533	8765183	73.29%	3.527%
94	11.374	1576	1579	1580	rBV	2066909	2273559	19.01%	0.915%
95	11.404	1581	1584	1587	rVV	4832428	6259725	52.34%	2.519%
96	11.451	1589	1592	1595	rVB	2541448	2375154	19.86%	0.956%
97	11.616	1617	1620	1623	rVB	2601174	2519807	21.07%	1.014%
98	11.986	1680	1683	1686	rBV3	1935406	2211463	18.49%	0.890%
99	12.604	1783	1788	1790	rVB	4122833	5549836	46.41%	2.233%
100	12.833	1822	1827	1831	rVB3	3703231	6001355	50.18%	2.415%

Sum of corrected areas: 248508243

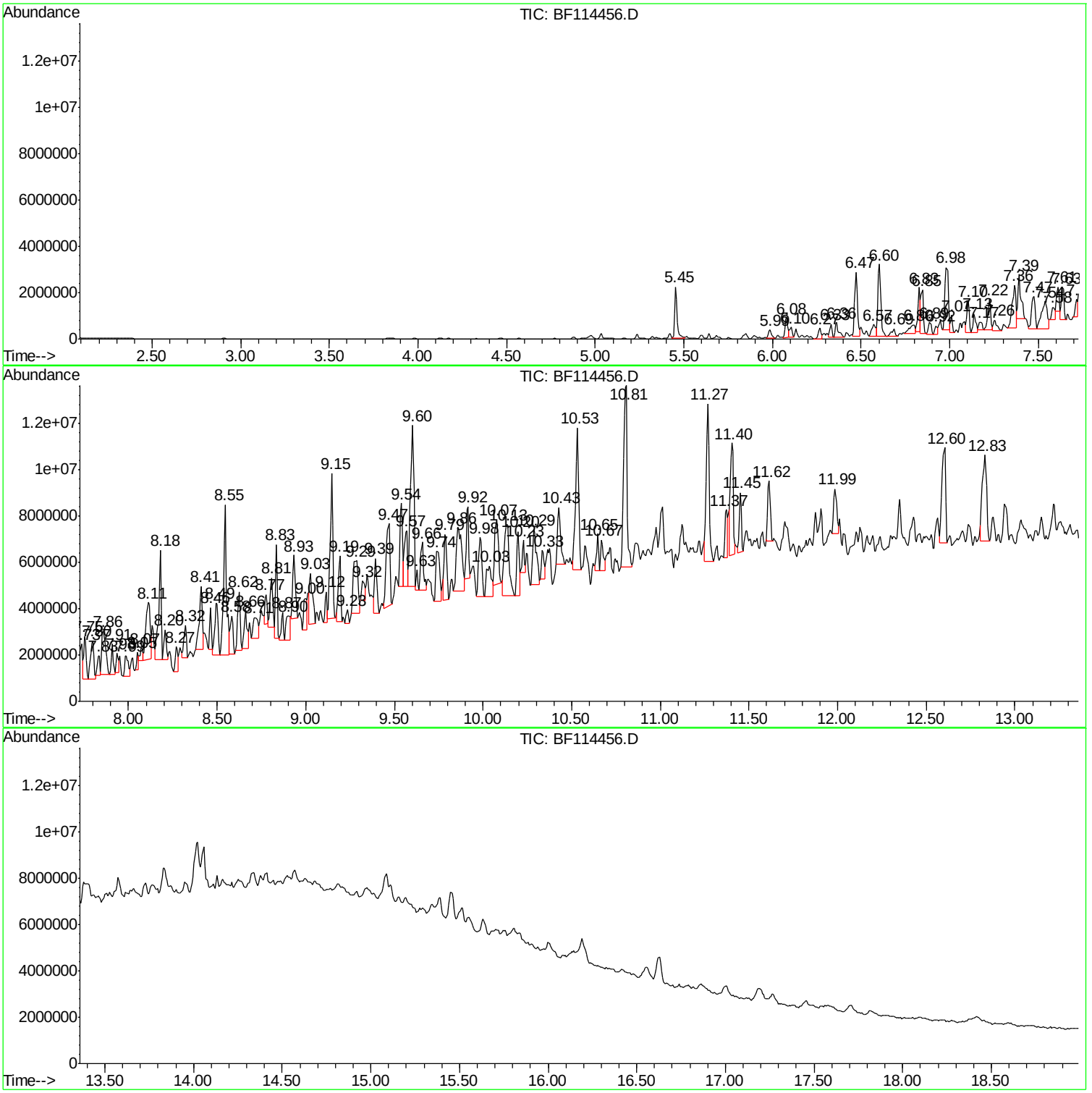
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

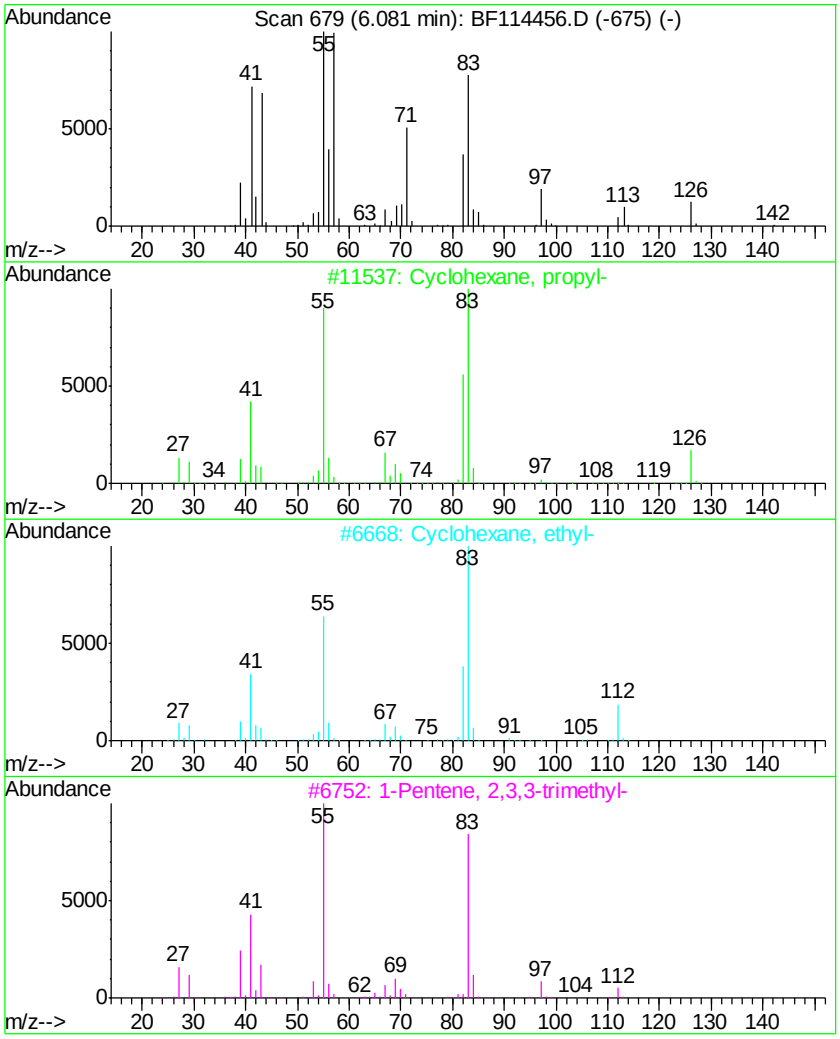
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

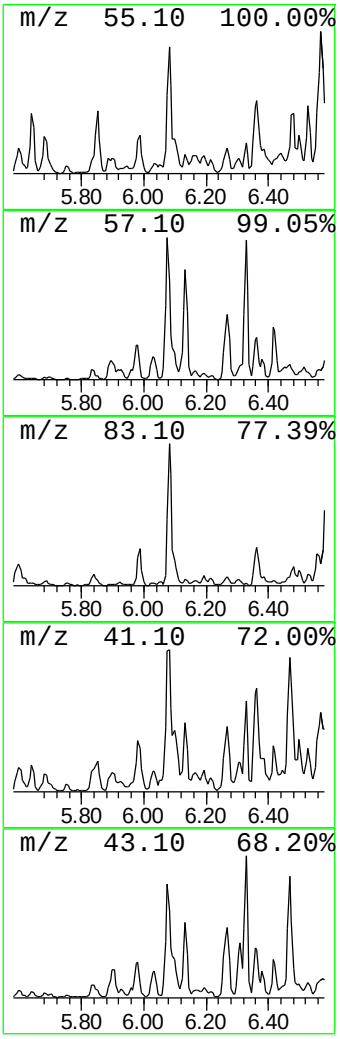
****

Peak Number 1 unknown6.08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	11.08 ng	1014130	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
3	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	38
4	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	35
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

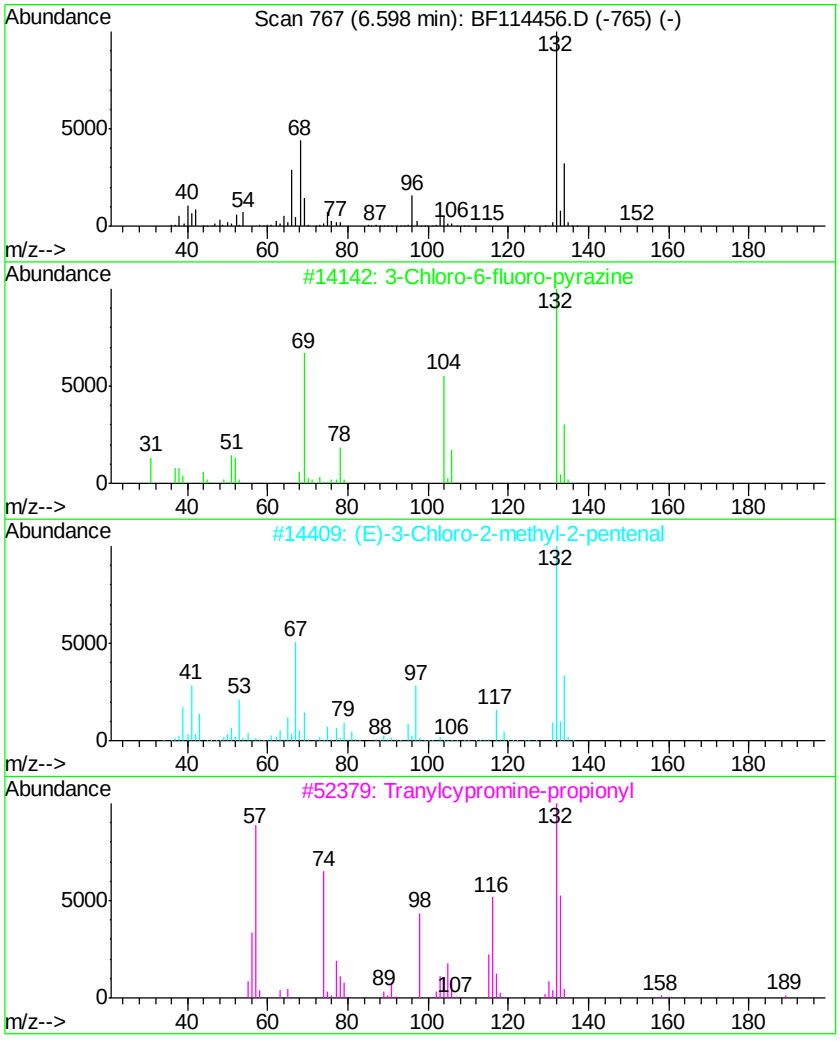
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

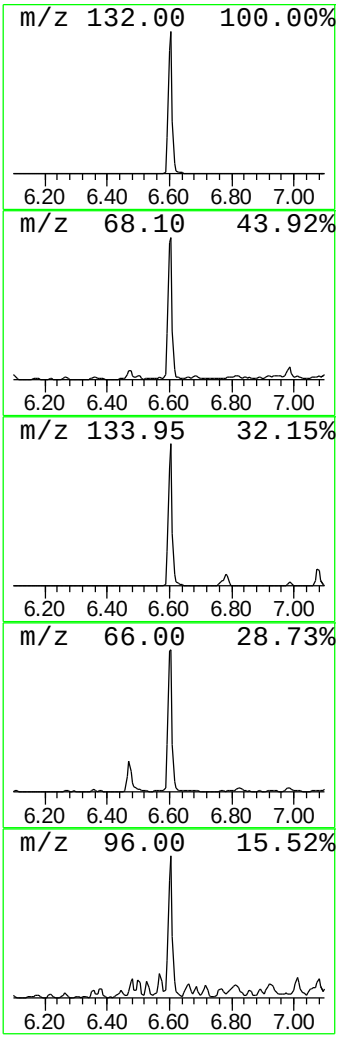
****

Peak Number 2 unknown6.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	35.14 ng	3217840	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

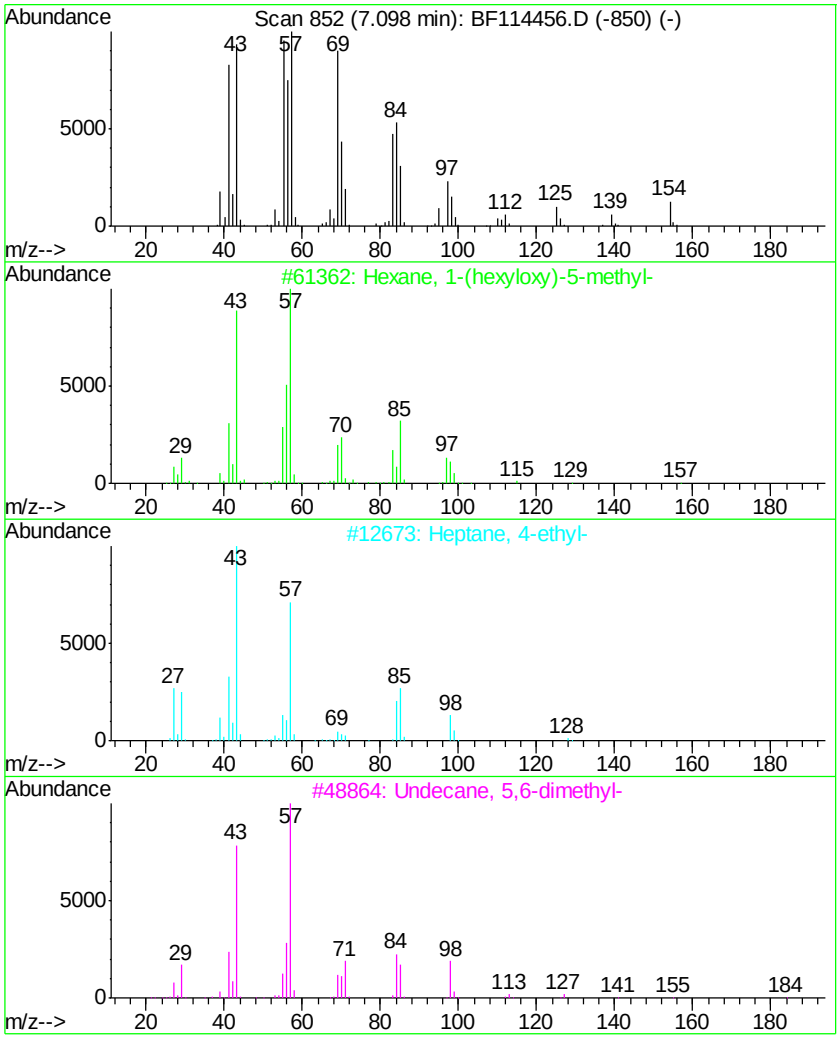
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

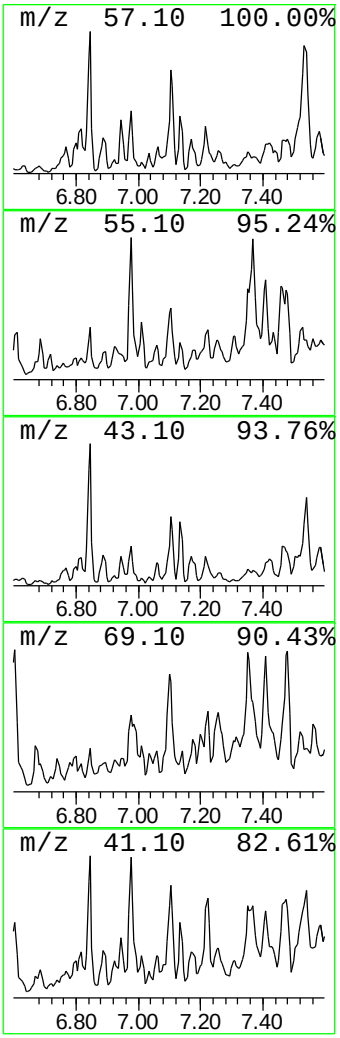
****

Peak Number 4 Hexane, 1-(hexyloxy)-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	15.95 ng	1460710	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	64
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	58
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
5	Decane, 5-methyl-	156	C11H24	013151-35-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

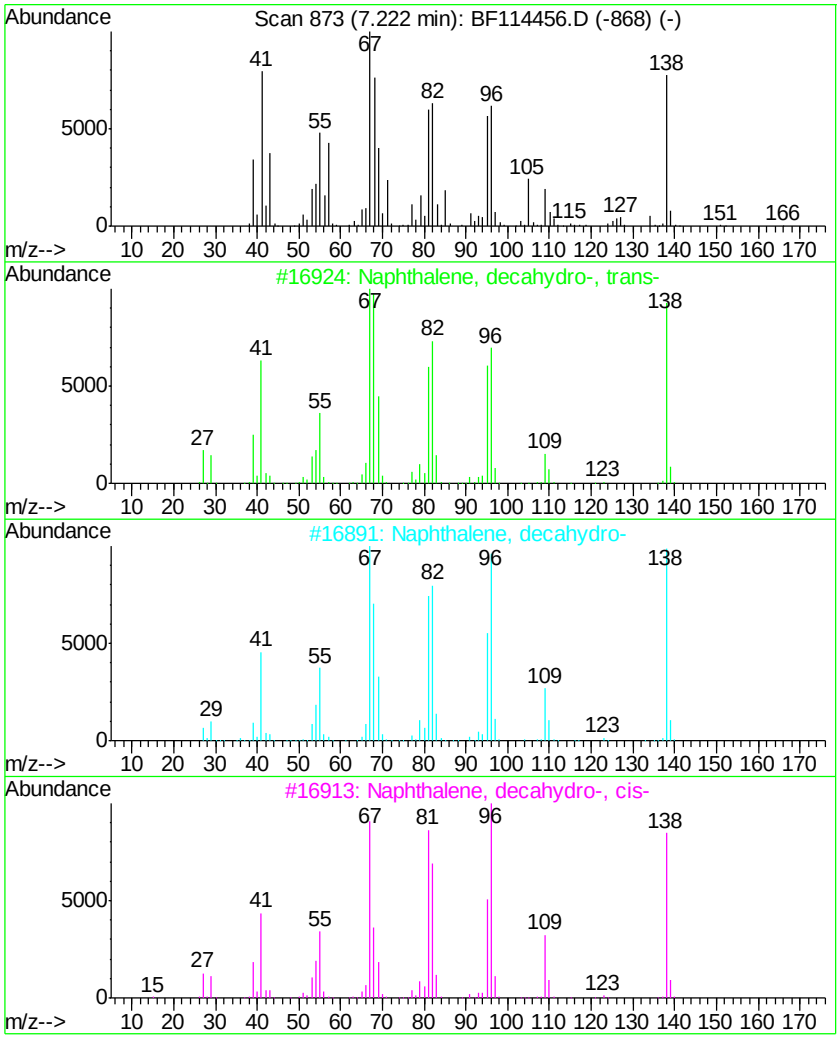
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

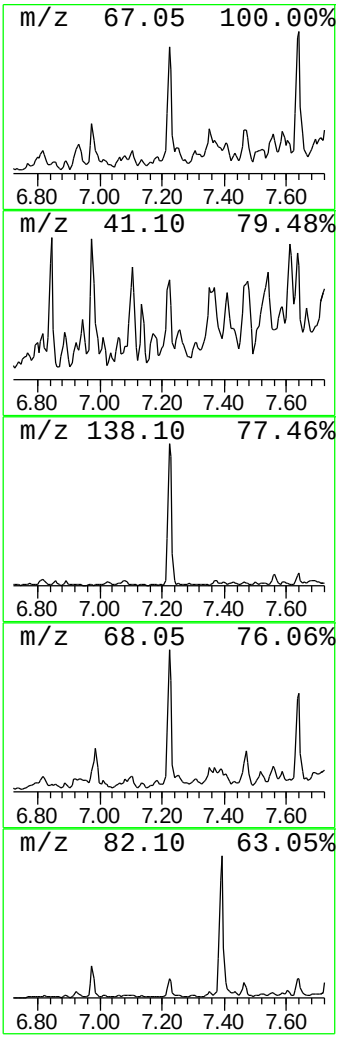
****

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	15.91 ng	1456570	1,4-Dichlorobenzene-d4	6.83

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	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
4	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72
5	Spiro[4.5]decane	138	C10H18	000176-63-6	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

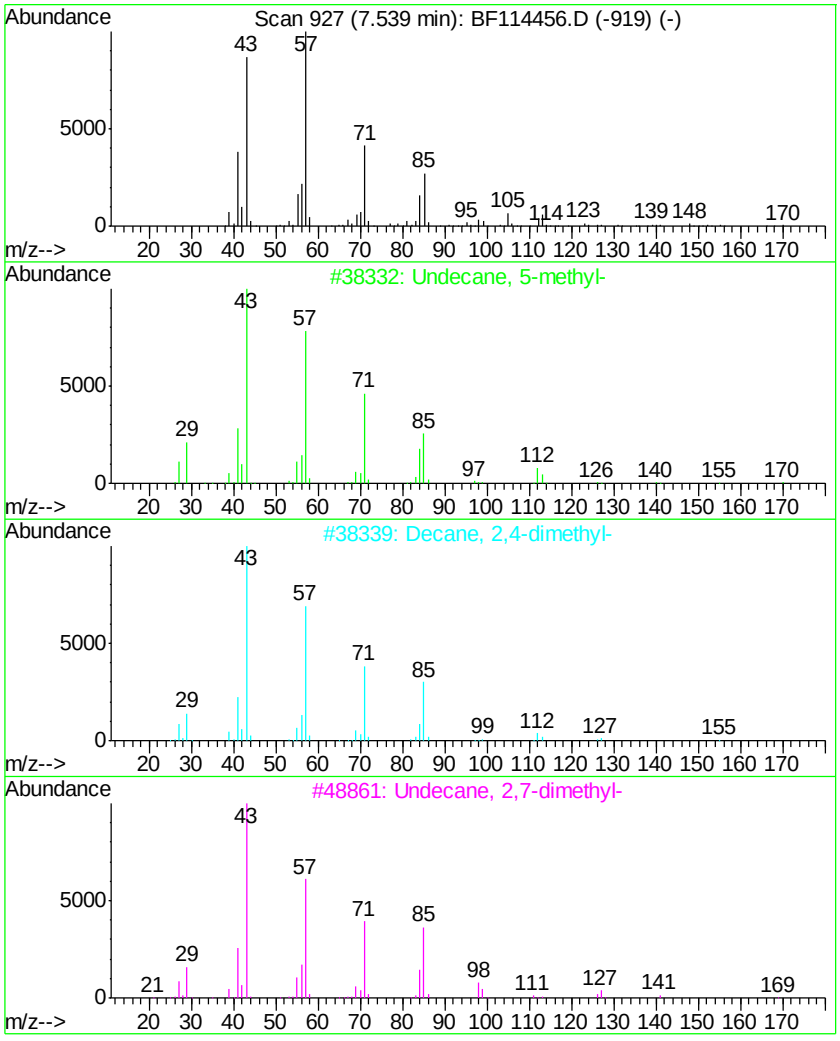
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

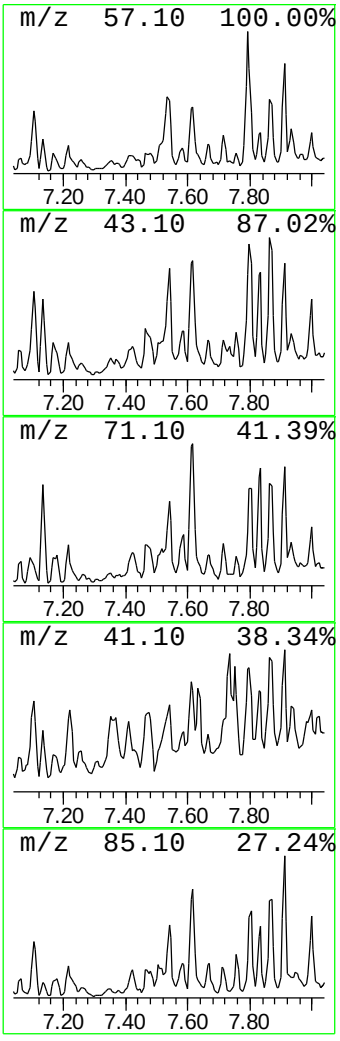
****

Peak Number 6 Undecane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	12.60 ng	2622520	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	90
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
3	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	59
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
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\BF052119\
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Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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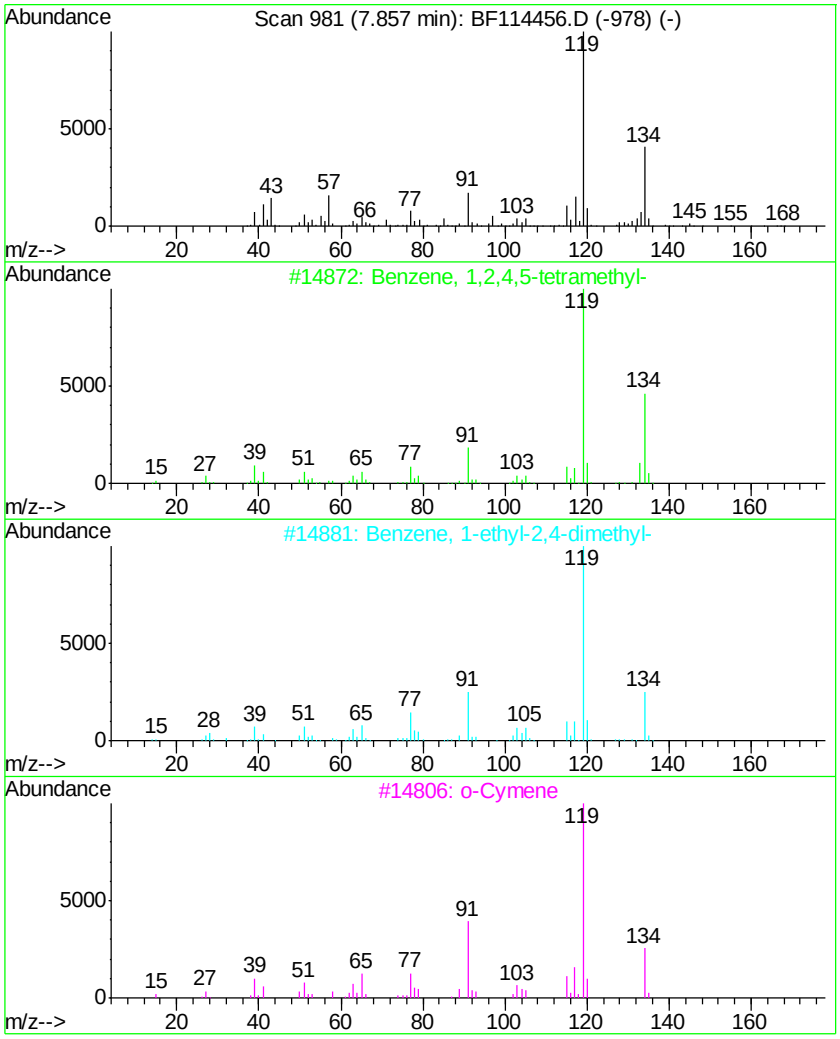
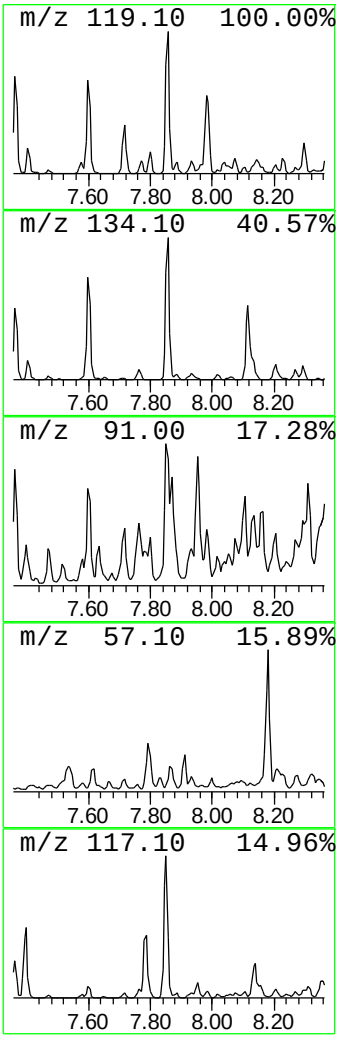
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	14.46 ng	3010530	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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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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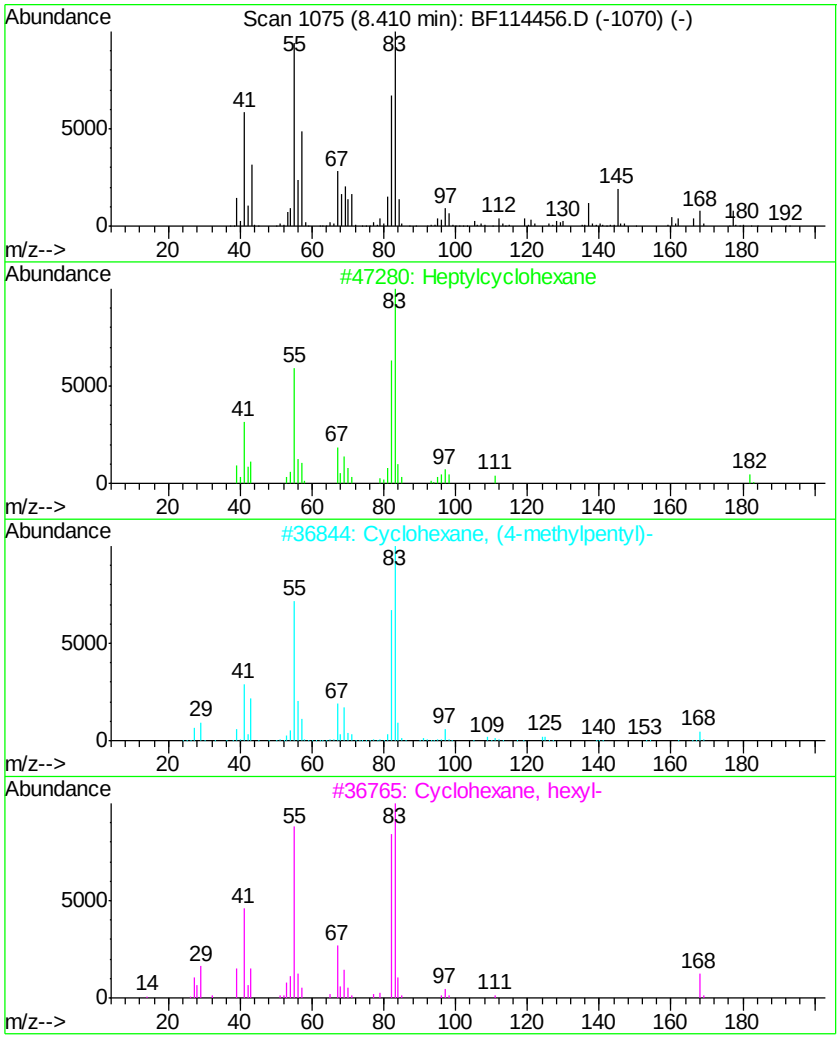
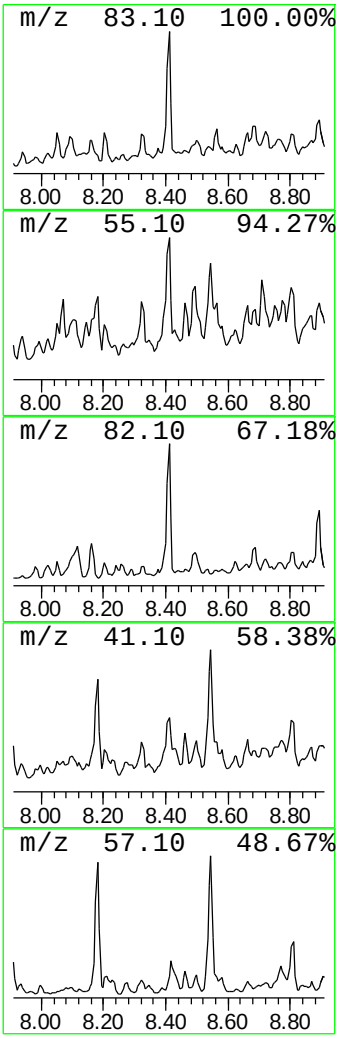
Peak Number 8 Heptylcyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	16.75 ng	3485950	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : SB-03(25.5-26)

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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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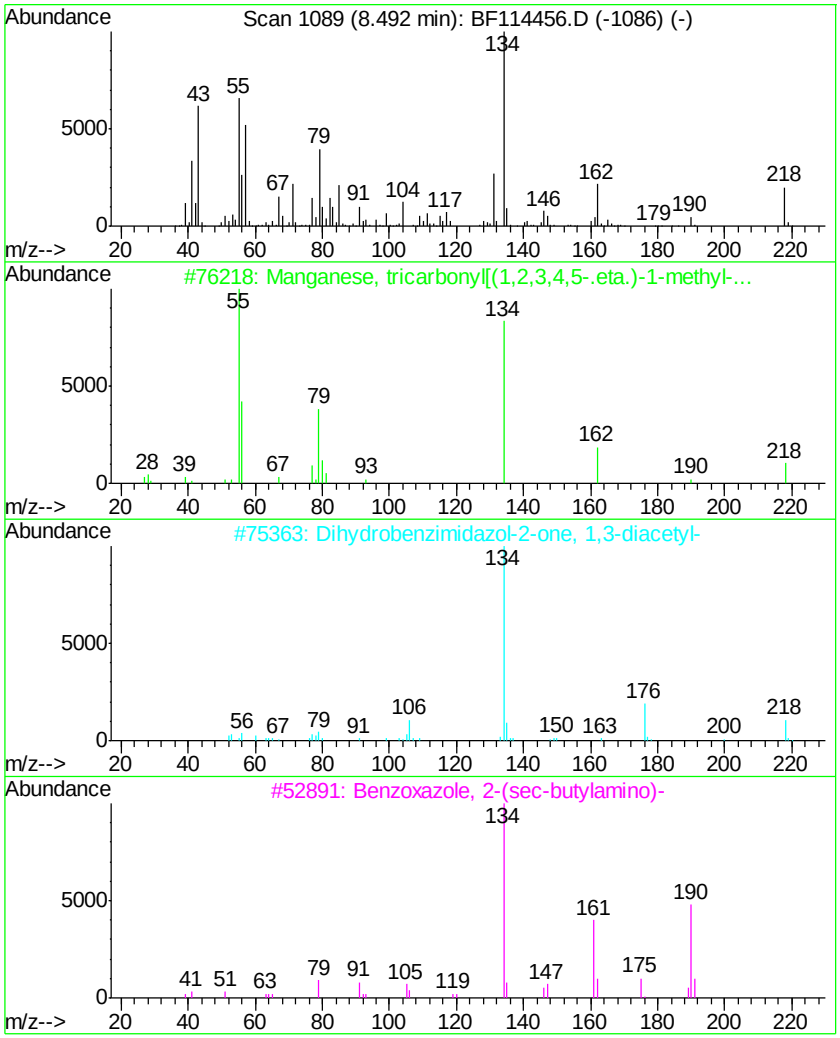
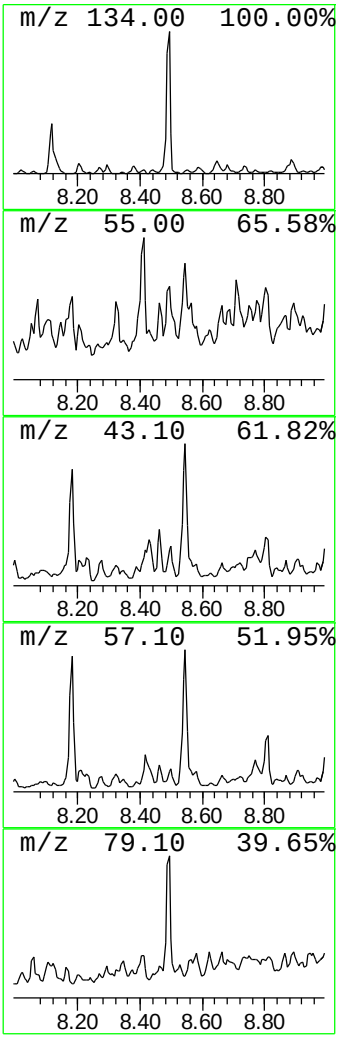
Peak Number 9 Manganese, tricarbonyl[(1,2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	14.02 ng	2917300	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Manganese, tricarbonyl[(1,2,3,4,...	218	C9H7MnO3	012108-13-3	58
2	Dihydrobenzimidazol-2-one, 1,3-d...	218	C11H10N2O3	002735-73-1	38
3	Benzoxazole, 2-(sec-butylamino)-	190	C11H14N2O	028291-82-9	38
4	2-Exo-hydroxy-protoadmantane	152	C10H16O	1000146-18-8	32
5	1H-Purine, 8-methyl-	134	C6H6N4	000934-33-8	30





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Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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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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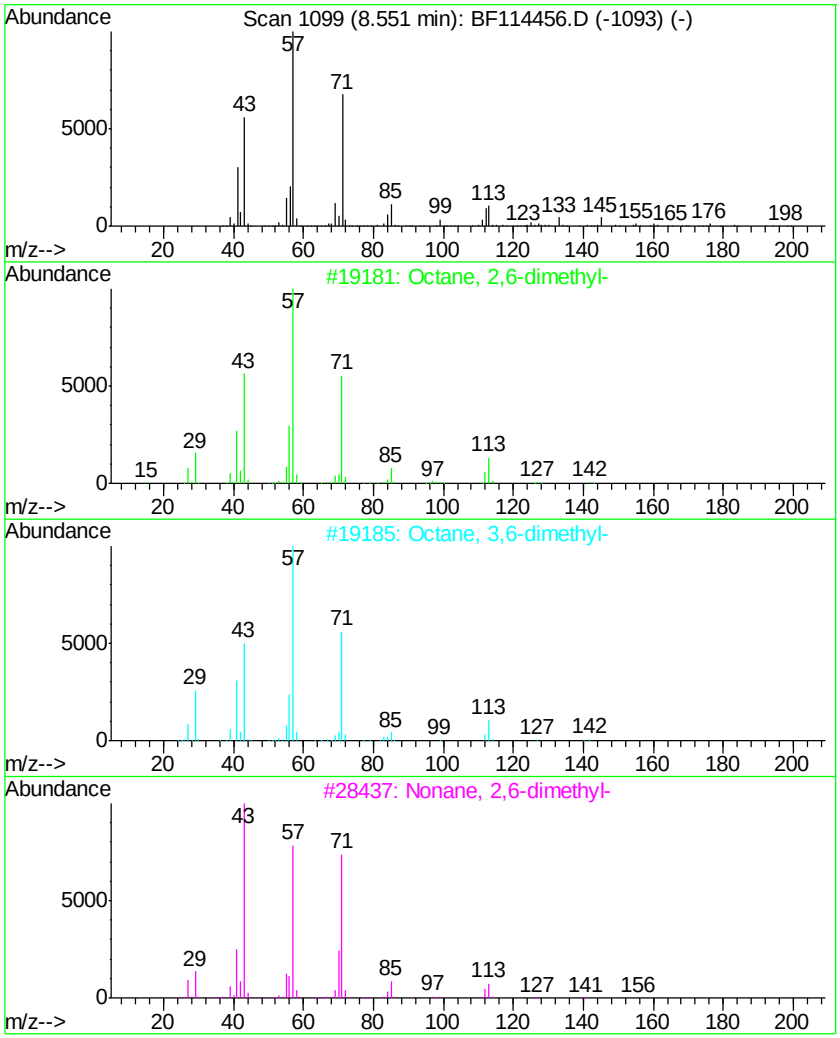
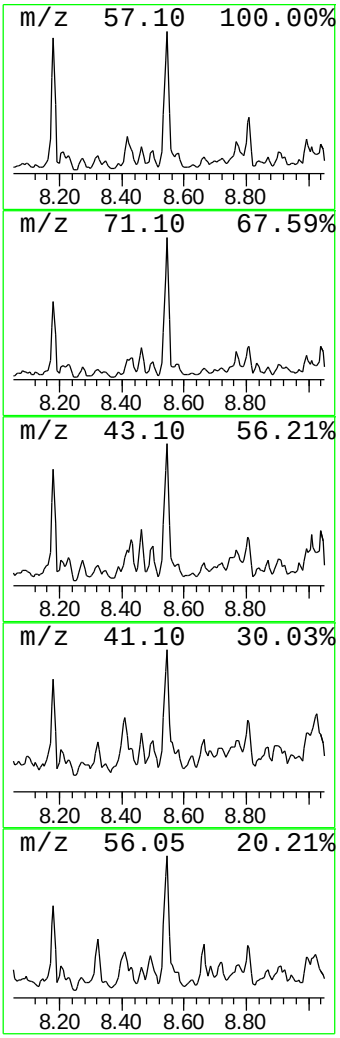
Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	37.65 ng	7837110	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64





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Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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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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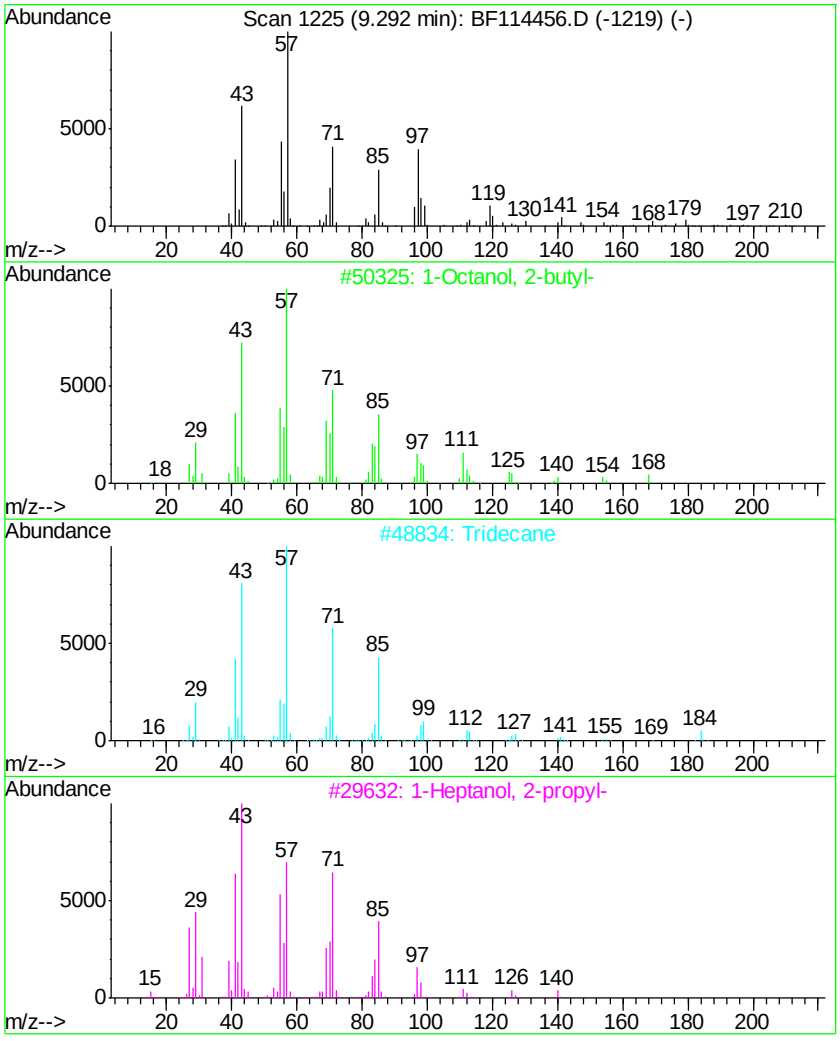
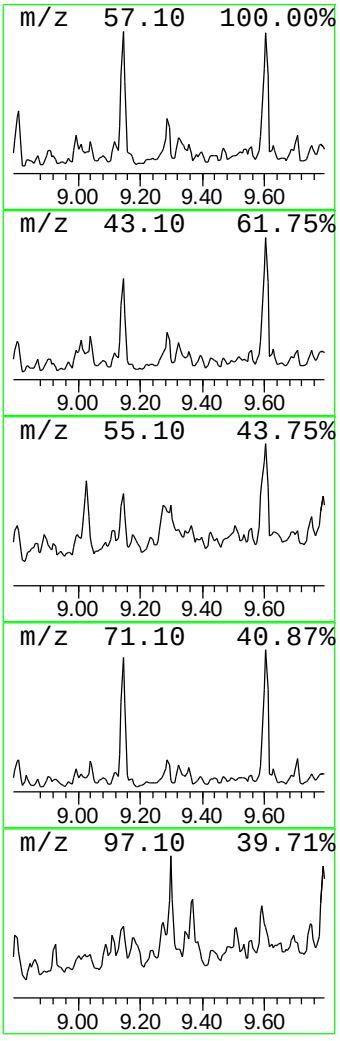
Peak Number 11 1-Octanol, 2-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	13.57 ng	4211230	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	78
2	Tridecane	184	C13H28	000629-50-5	70
3	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	58
4	Pentadecane	212	C15H32	000629-62-9	50
5	Dotriacontane	451	C32H66	000544-85-4	50





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Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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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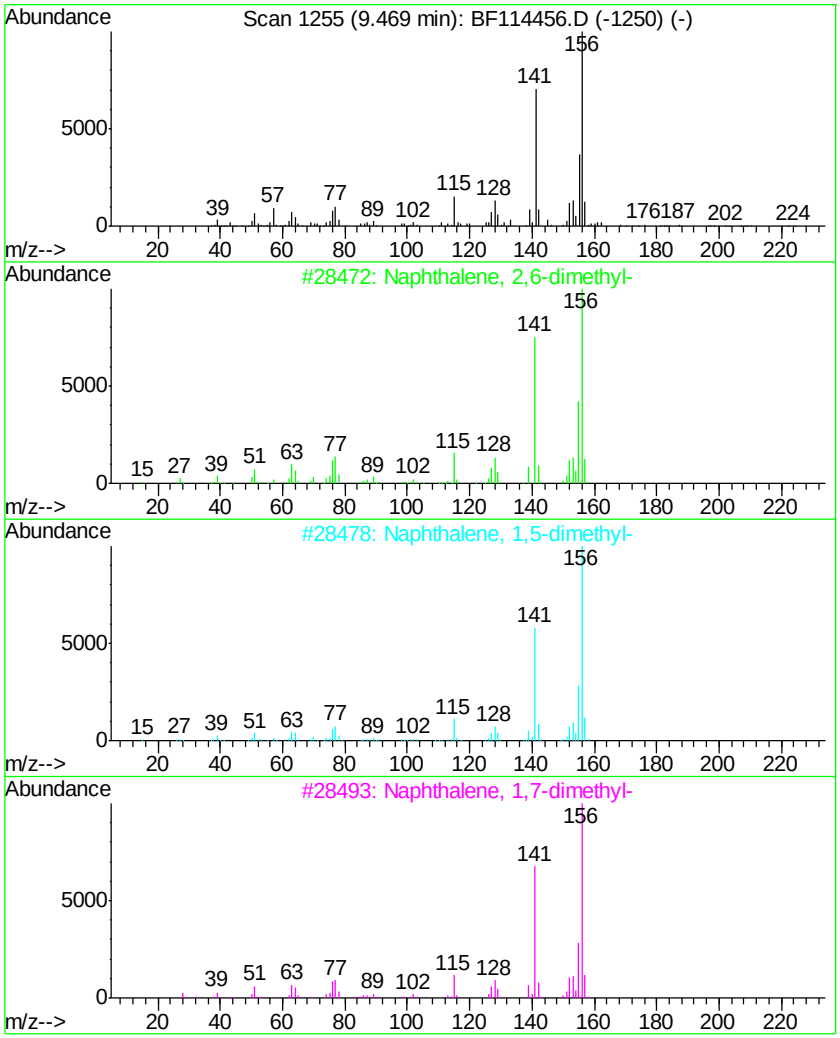
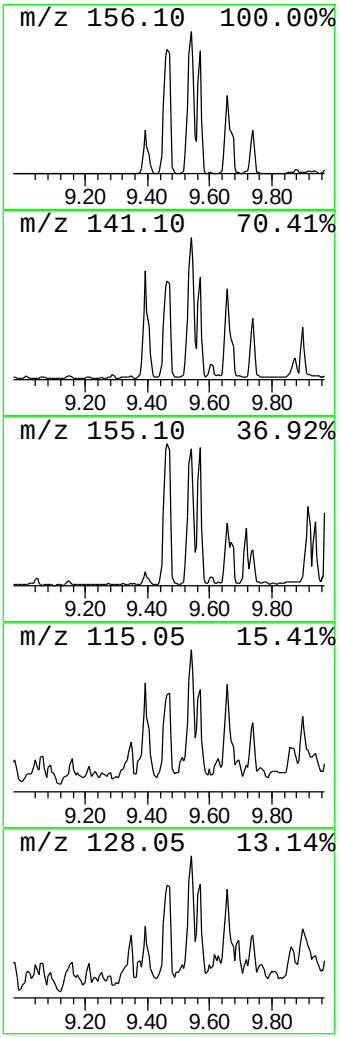
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	15.61 ng	4843400	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

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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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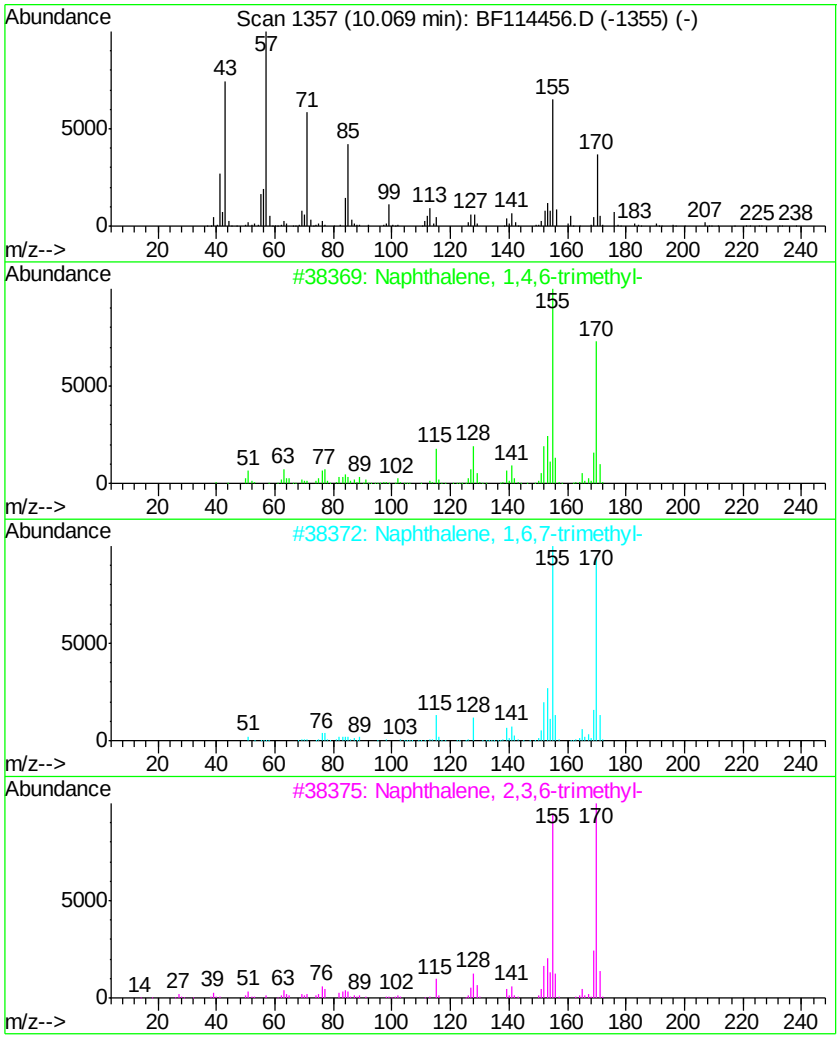
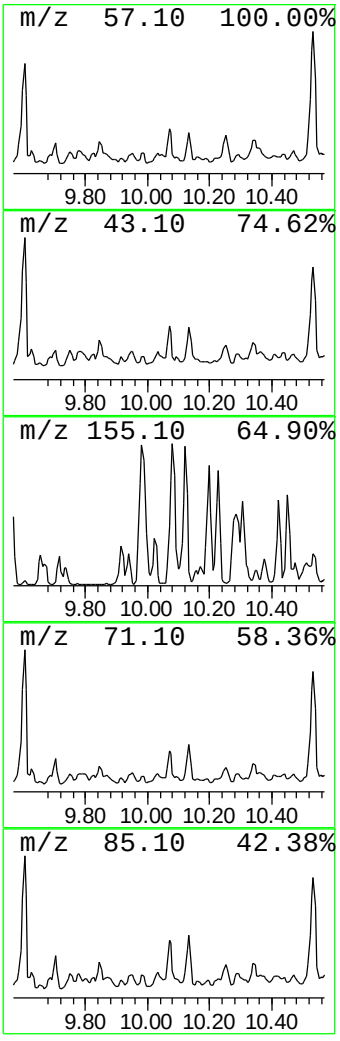
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	12.06 ng	3741860	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	70





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Misc :
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ClientSampleId : SB-03(25.5-26)

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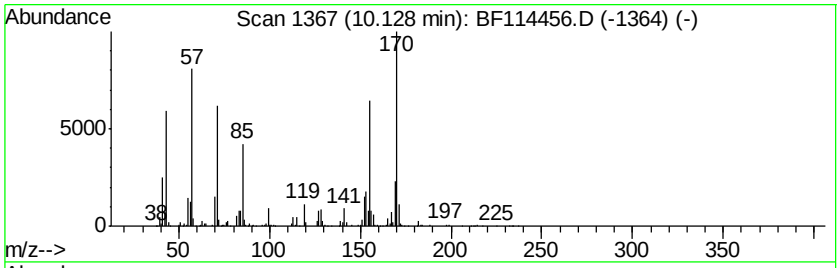
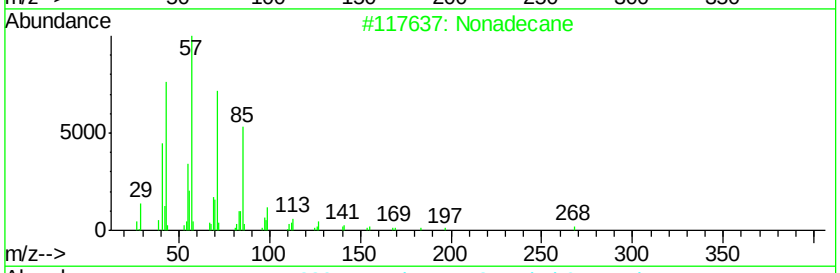
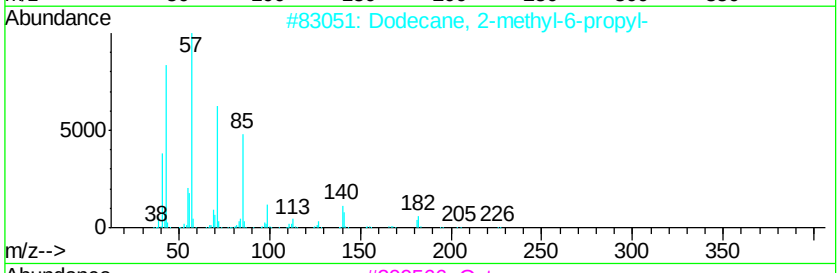
Peak Number 14 Nonadecane Concentration Rank 8

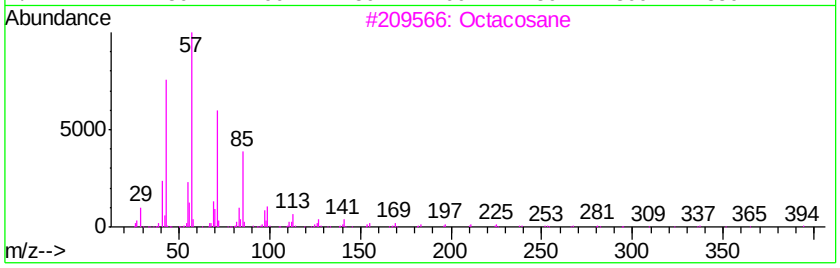
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	19.65 ng	6096330	Acenaphthene-d10	9.88

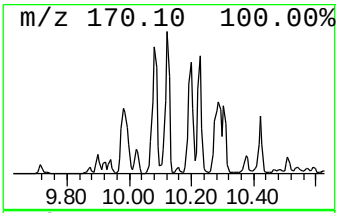
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
3	Octacosane	394	C28H58	000630-02-4	53
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	53
5	Pentadecane	212	C15H32	000629-62-9	52

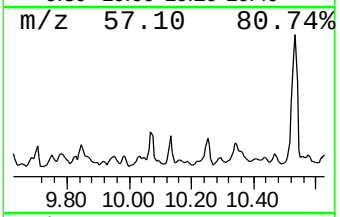


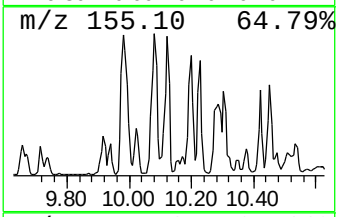


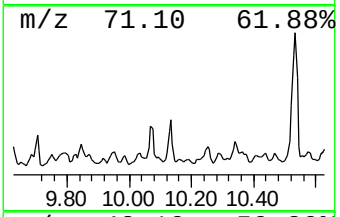


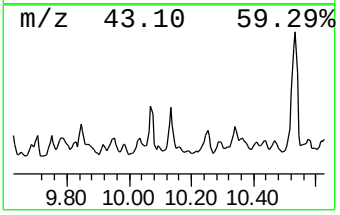












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Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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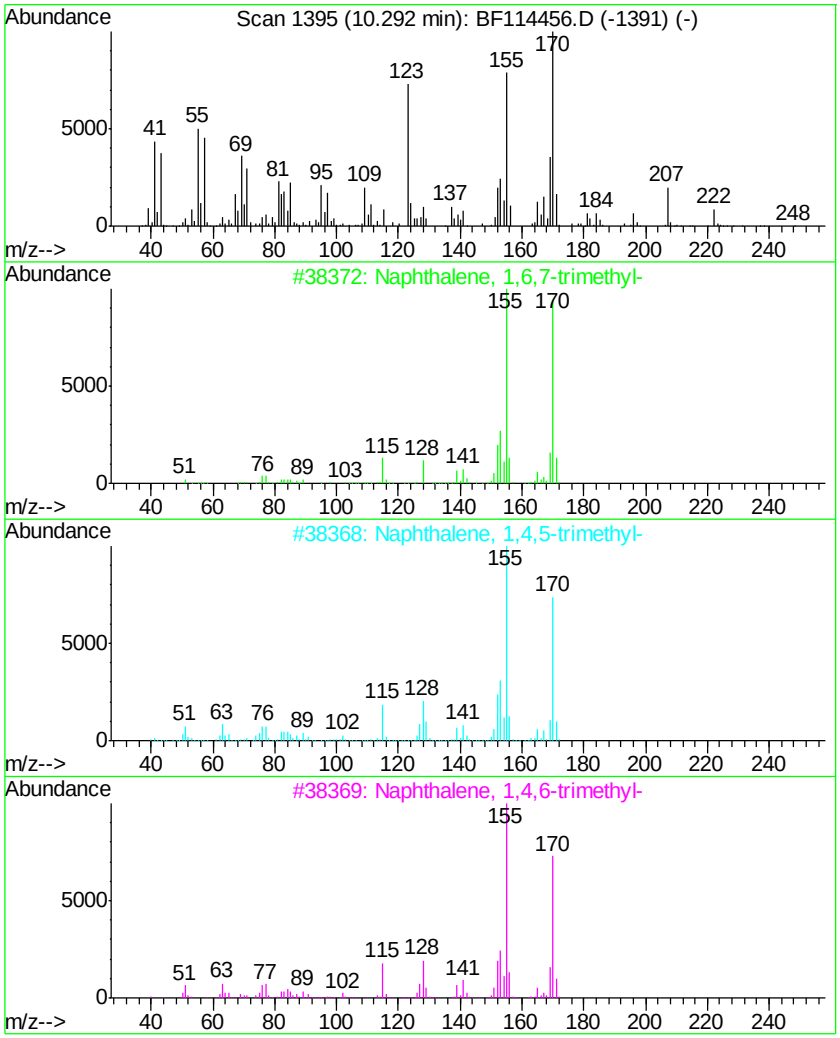
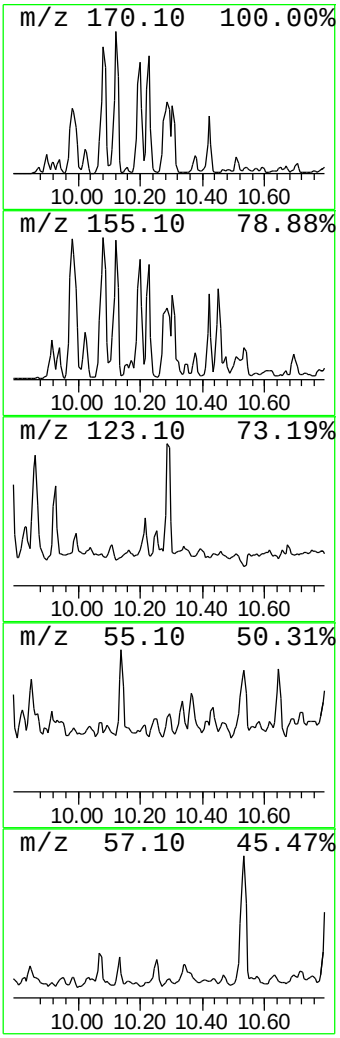
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	12.24 ng	3798240	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78





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

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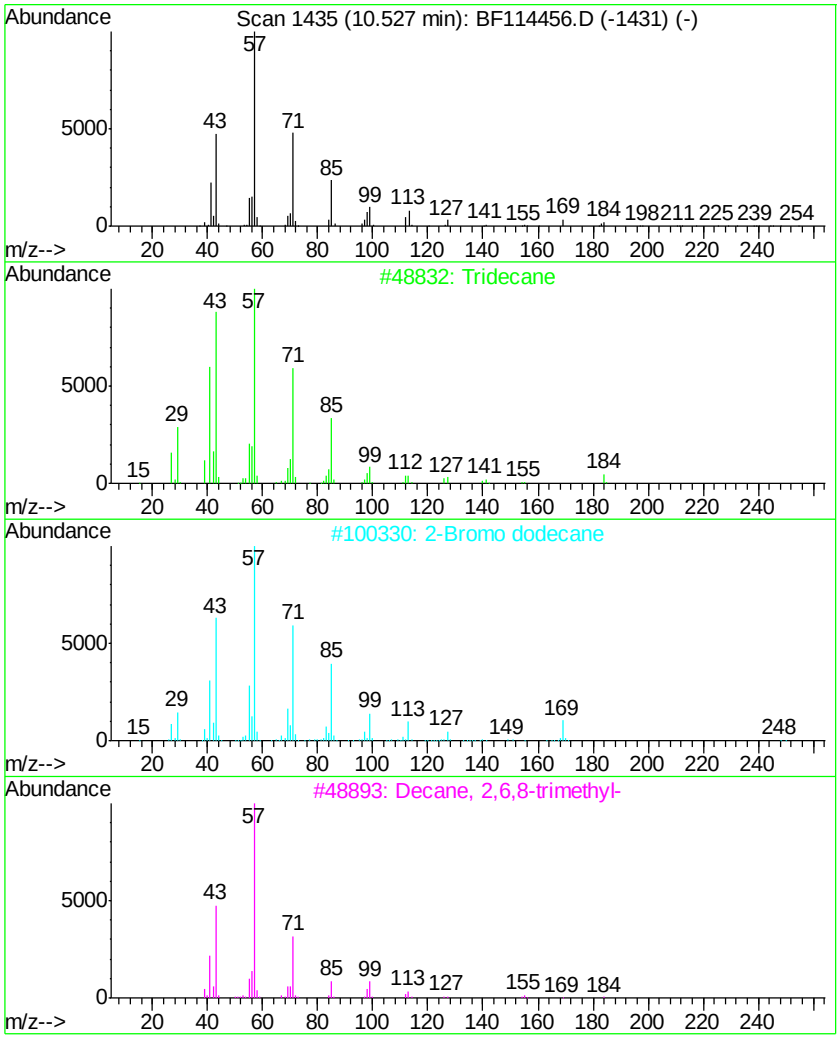
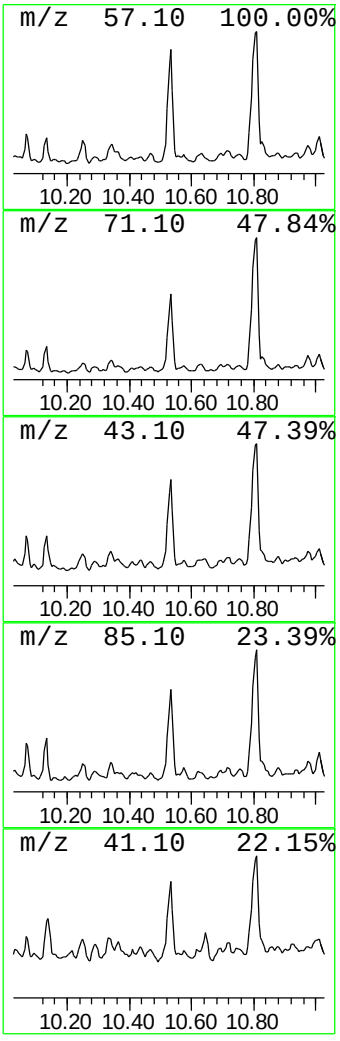
Peak Number 16 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	24.73 ng	7673140	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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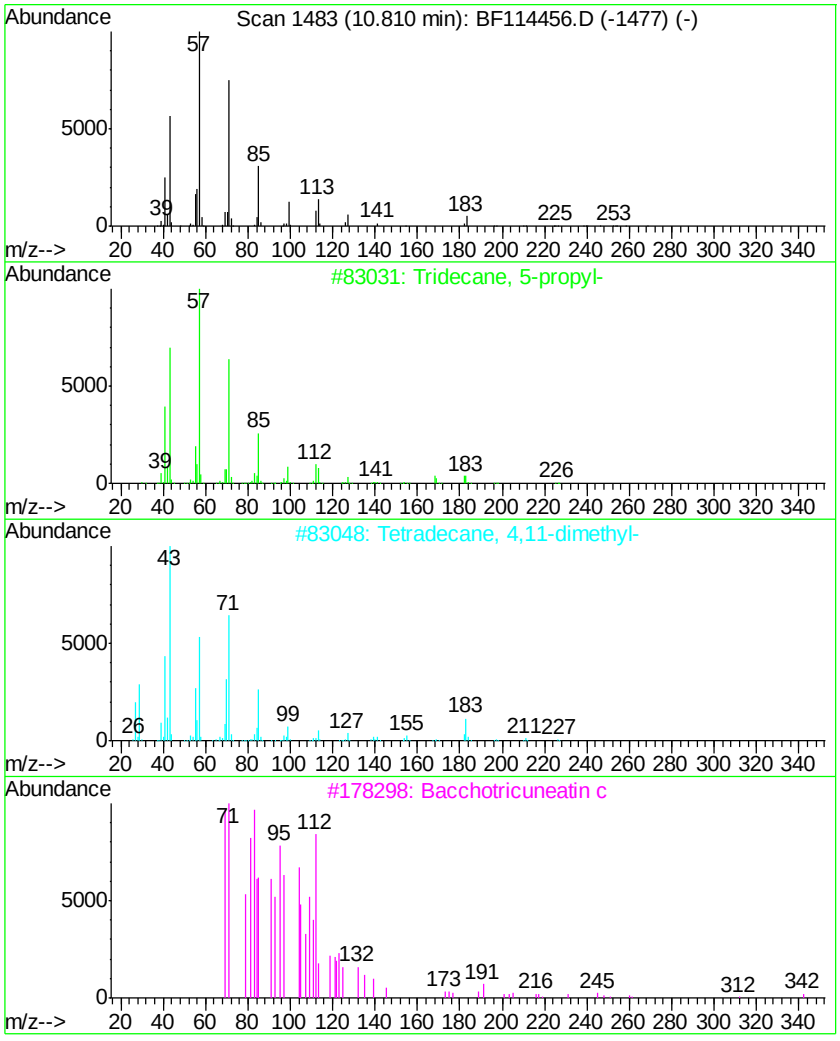
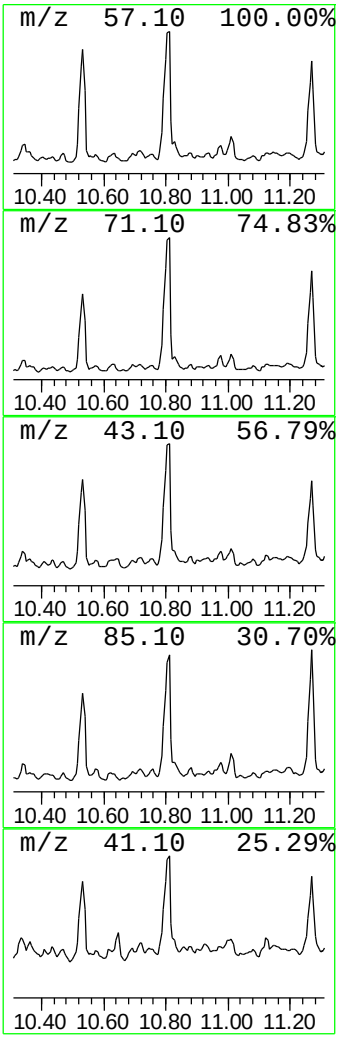
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	105.20 ng	11959300	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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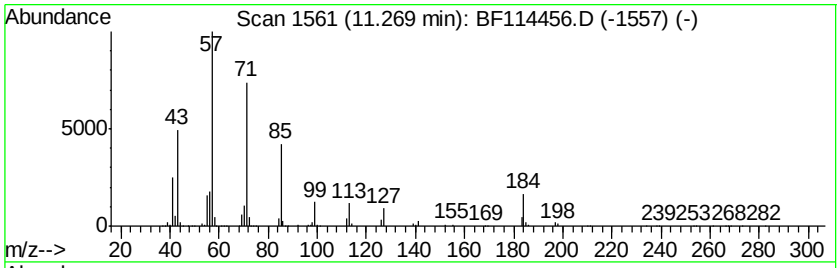
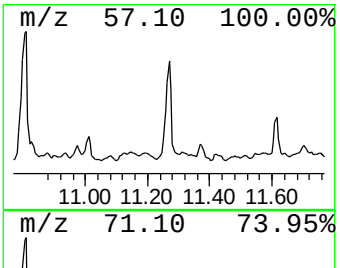
Peak Number 18 Dodecane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	77.11 ng	8765180	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	10-Methylnonadecane	282	C20H42	056862-62-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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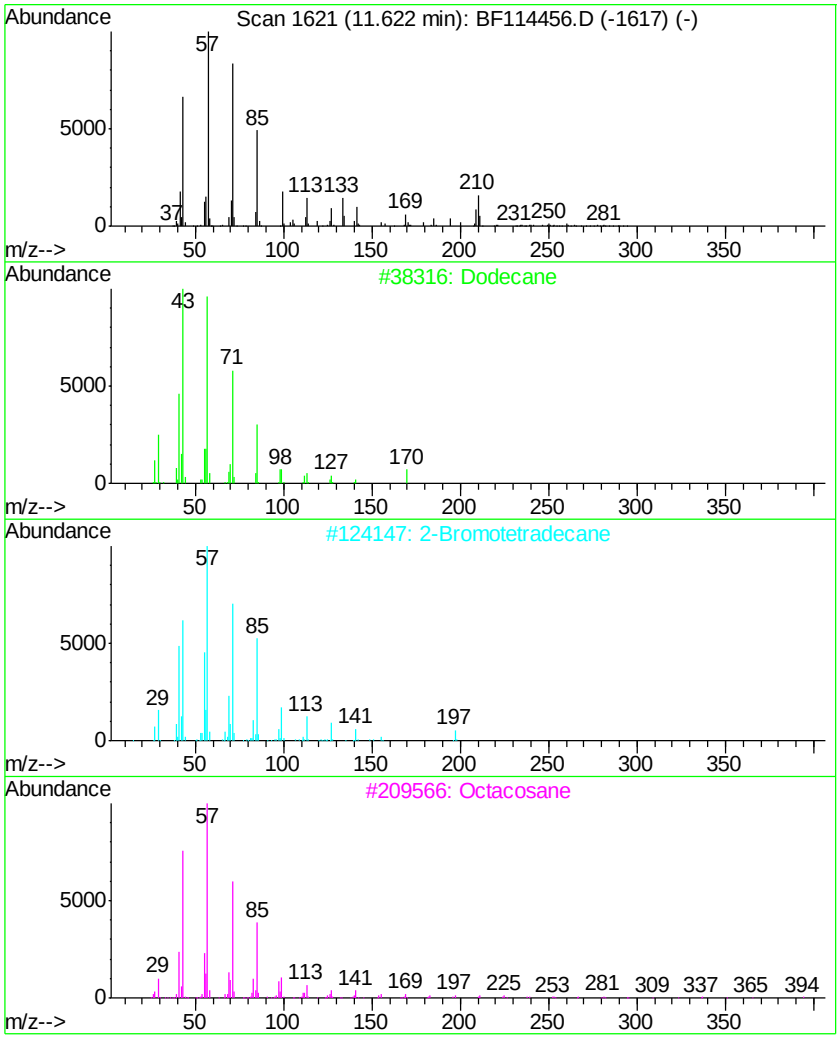
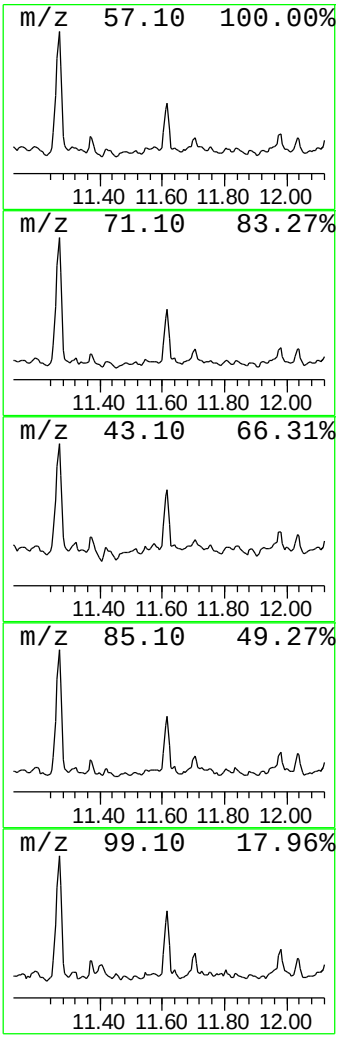
Peak Number 19 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	22.17 ng	2519810	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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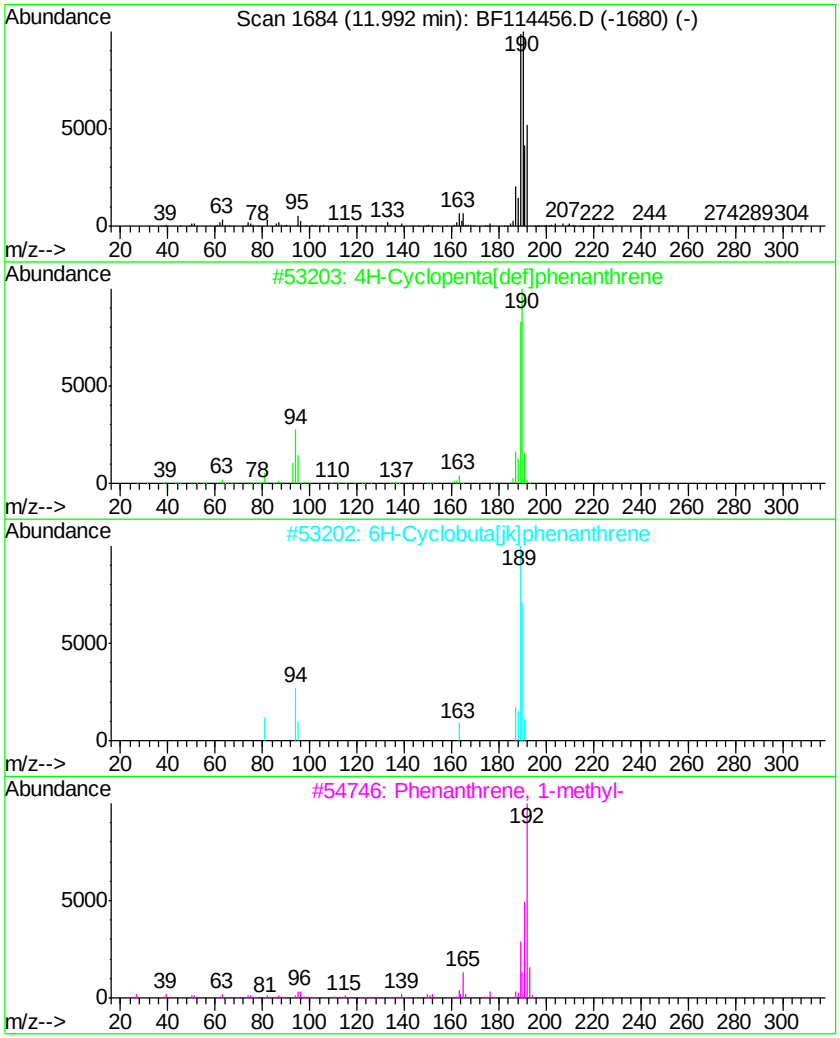
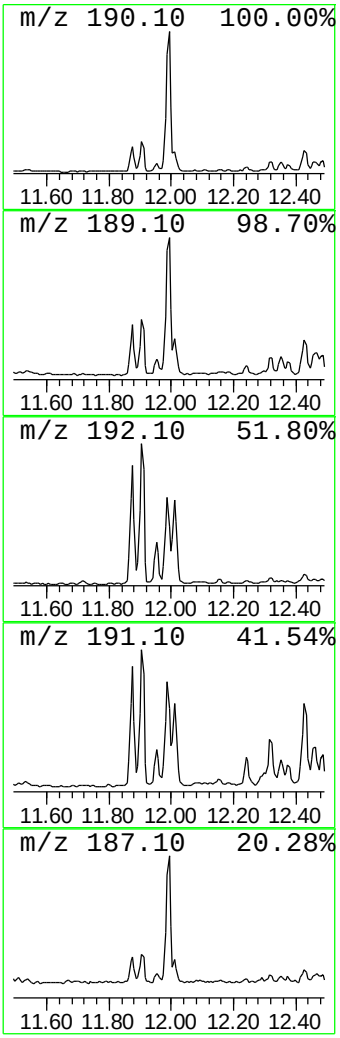
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	19.45 ng	2211460	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114456.D
Acq On : 21 May 2019 15:25
Operator : JU/SJ
Sample : K2854-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(25.5-26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.08	6.08	11.1	ng	1014130	1	6.83	1831190	20.0
unknown6.60	6.60	35.1	ng	3217840	1	6.83	1831190	20.0
Hexane, 1-(hexylo...	7.10	15.9	ng	1460710	1	6.83	1831190	20.0
Naphthalene, deca...	7.22	15.9	ng	1456570	1	6.83	1831190	20.0
Undecane, 5-methyl-	7.54	12.6	ng	2622520	2	8.12	4162920	20.0
Benzene, 1,2,4,5-...	7.86	14.5	ng	3010530	2	8.12	4162920	20.0
Heptylcyclohexane	8.41	16.8	ng	3485950	2	8.12	4162920	20.0
Manganese, tricar...	8.49	14.0	ng	2917300	2	8.12	4162920	20.0
Octane, 2,6-dimet...	8.55	37.6	ng	7837110	2	8.12	4162920	20.0
1-Octanol, 2-butyl-	9.29	13.6	ng	4211230	3	9.88	6205450	20.0
Naphthalene, 2,6-...	9.47	15.6	ng	4843400	3	9.88	6205450	20.0
Naphthalene, 1,4,...	10.07	12.1	ng	3741860	3	9.88	6205450	20.0
Nonadecane	10.13	19.6	ng	6096330	3	9.88	6205450	20.0
Naphthalene, 1,6,...	10.29	12.2	ng	3798240	3	9.88	6205450	20.0
Tridecane	10.53	24.7	ng	7673140	3	9.88	6205450	20.0
Tridecane, 5-propyl-	10.81	105.2	ng	11959300	4	11.37	2273560	20.0
Dodecane, 3-methyl-	11.27	77.1	ng	8765180	4	11.37	2273560	20.0
Dodecane	11.62	22.2	ng	2519810	4	11.37	2273560	20.0
4H-Cyclopenta[def...	11.99	19.4	ng	2211460	4	11.37	2273560	20.0