LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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_M\METHODS\8270-BM010919.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	6.004	488	496	504	rBV4	316514	838425	8.17%	0.470%
2	6.234	527	535	540	rBV5	262844	810676	7.90%	0.455%
3	6.287	540	544	548	rVV	782249	1093570	10.65%	0.613%
4	6.375	554	559	574	rVV4	772927	2324559	22.64%	1.304%
5	6.722	613	618	625	rVB2	430792	663058	6.46%	0.372%
6	6.875	639	644	649	rVV4	853241	1648007	16.05%	0.924%
7	7.181	692	696	698	rVV4	392380	592380	5.77%	0.332%
8	7.216	698	702	707	rVV2	680525	1273056	12.40%	0.714%
9	7.287	710	714	725	rVB4	683917	1603048	15.61%	0.899%
10	7.387	725	731	737	rBV2	463774	1042265	10.15%	0.584%
11	7.445	737	741	747	rVB2	402733	649781	6.33%	0.364%
12	7.551	752	759	763	rVB2	374456	740768	7.22%	0.415%
13	7.639	764	774	780	rBV6	726273	2131774	20.76%	1.195%
14	7.698	780	784	789	rVB	954739	1331665	12.97%	0.747%
15	7.798	796	801	806	rVB3	557006	1067381	10.40%	0.599%
16	7.851	806	810	815	rBV4	355162	854107	8.32%	0.479%
17	7.910	815	820	824	rVB4	812906	1290506	12.57%	0.724%
18	7.975	824	831	834	rBV2	638108	1216407	11.85%	0.682%
19	8.010	834	837	844	rVB	1058810	1587569	15.46%	0.890%
20	8.163	857	863	869	rVB6	301406	725478	7.07%	0.407%
21	8.228	869	874	877	rBV	657416	1181107	11.50%	0.662%
22	8.281	879	883	892	rVB2	958142	1792936	17.46%	1.005%
23	8.375	893	899	903	rBV3	653172	1266971	12.34%	0.711%
24	8.498	915	920	926	rBV6	260929	703553	6.85%	0.395%
25	8.563	926	931	936	rBV2	1025057	1910333	18.61%	1.071%
26	8.686	946	952	957	rBV3	393030	1003355	9.77%	0.563%
27	8.739	958	961	966	rVB2	416931	658132	6.41%	0.369%
28	8.798	966	971	973	rBV2	947350	1648269	16.06%	0.924%
29	8.833	973	977	986	rVV4	2501837	4724808	46.02%	2.650%
30	8.922	986	992	999	rVB4	1637597	2858916	27.85%	1.603%
31	8.986	999	1003	1007	rVB3	514286	753339	7.34%	0.422%
32	9.033	1007	1011	1013	rBV2	975739	1431739	13.95%	0.803%
33	9.075	1014	1018	1026	rVB5	1199332	2521961	24.57%	1.414%
34	9.181	1032	1036	1043	rVB5	807538	1722730	16.78%	0.966%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.269	1043	1051	1052	rBV7	311346	633747	6.17%	0.355%
36	9.363	1062	1067	1071	rVB	1300531	1877815	18.29%	1.053%
37	9.445	1078	1081	1085	rVB	1018065	1244078	12.12%	0.698%
38	9.616	1103	1110	1112	rBV3	591781	1234916	12.03%	0.693%
39	9.645	1112	1115	1120	rVB	1429332	2082714	20.29%	1.168%
40	9.704	1120	1125	1138	rBV7	1608621	4107173	40.01%	2.303%
41	9.933	1158	1164	1172	rBV2	2184941	4717508	45.95%	2.646%
42	10.110	1186	1194	1200	rBV7	1030482	2651271	25.82%	1.487%
43	10.233	1208	1215	1222	rBV2	1257395	2796447	27.24%	1.568%
44	10.304	1222	1227	1232	rBV2	744957	1364848	13.29%	0.765%
45	10.380	1236	1240	1242	rBV	528022	746813	7.27%	0.419%
46	10.486	1253	1258	1259	rBV4	673239	973458	9.48%	0.546%
47	10.645	1280	1285	1287	rBV4	963323	1765012	17.19%	0.990%
48	10.675	1287	1290	1295	rVB	2536951	3752830	36.55%	2.105%
49	10.739	1295	1301	1309	rBV5	1047943	2316030	22.56%	1.299%
50	10.898	1324	1328	1332	rBV2	641643	992733	9.67%	0.557%
51	11.004	1341	1346	1353	rVB4	2272213	4145652	40.38%	2.325%
52	11.069	1353	1357	1360	rBV4	392167	772292	7.52%	0.433%
53	11.186	1373	1377	1378	rBV3	703289	945638	9.21%	0.530%
54	11.222	1379	1383	1391	rVB5	1996182	3657864	35.63%	2.051%
55	11.351	1402	1405	1409	rBV4	383352	590045	5.75%	0.331%
56	11.445	1415	1421	1427	rVB8	1028704	2691667	26.22%	1.509%
57	11.545	1432	1438	1441	rVV	4691565	6978479	67.97%	3.913%
58	11.580	1441	1444	1448	rVB5	856884	1255349	12.23%	0.704%
59	11.727	1464	1469	1475	rVB3	2349533	4088376	39.82%	2.293%
60	11.804	1476	1482	1487	rBV5	1217444	2398320	23.36%	1.345%
61	11.933	1500	1504	1507	rBV2	428341	770542	7.51%	0.432%
62	12.086	1526	1530	1535	rVB2	1874544	2877782	28.03%	1.614%
63	12.351	1571	1575	1578	rBV4	506210	785382	7.65%	0.440%
64	12.457	1590	1593	1598	rVB2	1797957	2490779	24.26%	1.397%
65	12.533	1603	1606	1610	rVB	661152	721416	7.03%	0.405%
66	12.580	1610	1614	1618	rBV5	564540	924727	9.01%	0.519%
67	12.651	1622	1626	1633	rVB3	1501515	2741155	26.70%	1.537%
68	12.721	1633	1638	1643	rBV5	697734	1513548	14.74%	0.849%
69	12.769	1643	1646	1650	rVB3	721128	868933	8.46%	0.487%
70	12.816	1650	1654	1658	rVB4	845494	1316362	12.82%	0.738%
71	12.910	1659	1670	1677	rBV2	5725402	10266313	100.00%	5.757%

LSC Area Percent Report

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Acq On : 16 Jan 2019 14:26
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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.157	1708	1712	1714	rBV	915325	1443899	14.06%	0.810%
73	13.221	1720	1723	1727	rVB2	874773	1267694	12.35%	0.711%
74	13.292	1728	1735	1738	rBV7	777520	1688280	16.44%	0.947%
75	13.333	1738	1742	1745	rVB	1178297	1608231	15.67%	0.902%
76	13.551	1776	1779	1781	rBV3	509774	630716	6.14%	0.354%
77	13.663	1795	1798	1801	rBV3	516620	702785	6.85%	0.394%
78	13.763	1812	1815	1819	rVB3	839074	1011679	9.85%	0.567%
79	13.798	1819	1821	1826	rVB3	918643	1139171	11.10%	0.639%
80	13.857	1826	1831	1836	rBV	4711247	6467290	63.00%	3.627%
81	13.910	1836	1840	1844	rVB4	751043	1204541	11.73%	0.675%
82	14.027	1857	1860	1864	rVB3	526591	723056	7.04%	0.405%
83	14.121	1873	1876	1880	rBV4	399390	653558	6.37%	0.367%
84	14.216	1888	1892	1898	rVB2	1048044	1597565	15.56%	0.896%
85	14.351	1911	1915	1918	rBV4	828897	1461335	14.23%	0.820%
86	14.392	1920	1922	1928	rVB2	1223554	1779529	17.33%	0.998%
87	14.786	1985	1989	1994	rVB3	774430	1247121	12.15%	0.699%
88	14.904	2005	2009	2021	rVB6	781194	1863198	18.15%	1.045%
89	15.015	2023	2028	2030	rBV	529210	875228	8.53%	0.491%
90	15.110	2041	2044	2050	rVB4	397565	698106	6.80%	0.391%
91	15.174	2051	2055	2060	rBV6	280801	585015	5.70%	0.328%
92	15.639	2129	2134	2143	rVB	1314274	2146740	20.91%	1.204%
93	16.115	2210	2215	2220	rBV	1629292	2308180	22.48%	1.294%
94	16.939	2350	2355	2359	rBV	434381	672420	6.55%	0.377%
95	17.145	2385	2390	2394	rBV	1402674	1947203	18.97%	1.092%
96	17.186	2394	2397	2403	rVB	509169	673198	6.56%	0.378%
97	19.774	2833	2837	2841	rBV	779788	936332	9.12%	0.525%
98	21.244	3083	3087	3091	rBV	1007035	1336243	13.02%	0.749%
99	21.333	3098	3102	3107	rBV	2379272	3110465	30.30%	1.744%
100	23.609	3485	3489	3497	rVB2	1555039	2819736	27.47%	1.581%

Sum of corrected areas: 178319157

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
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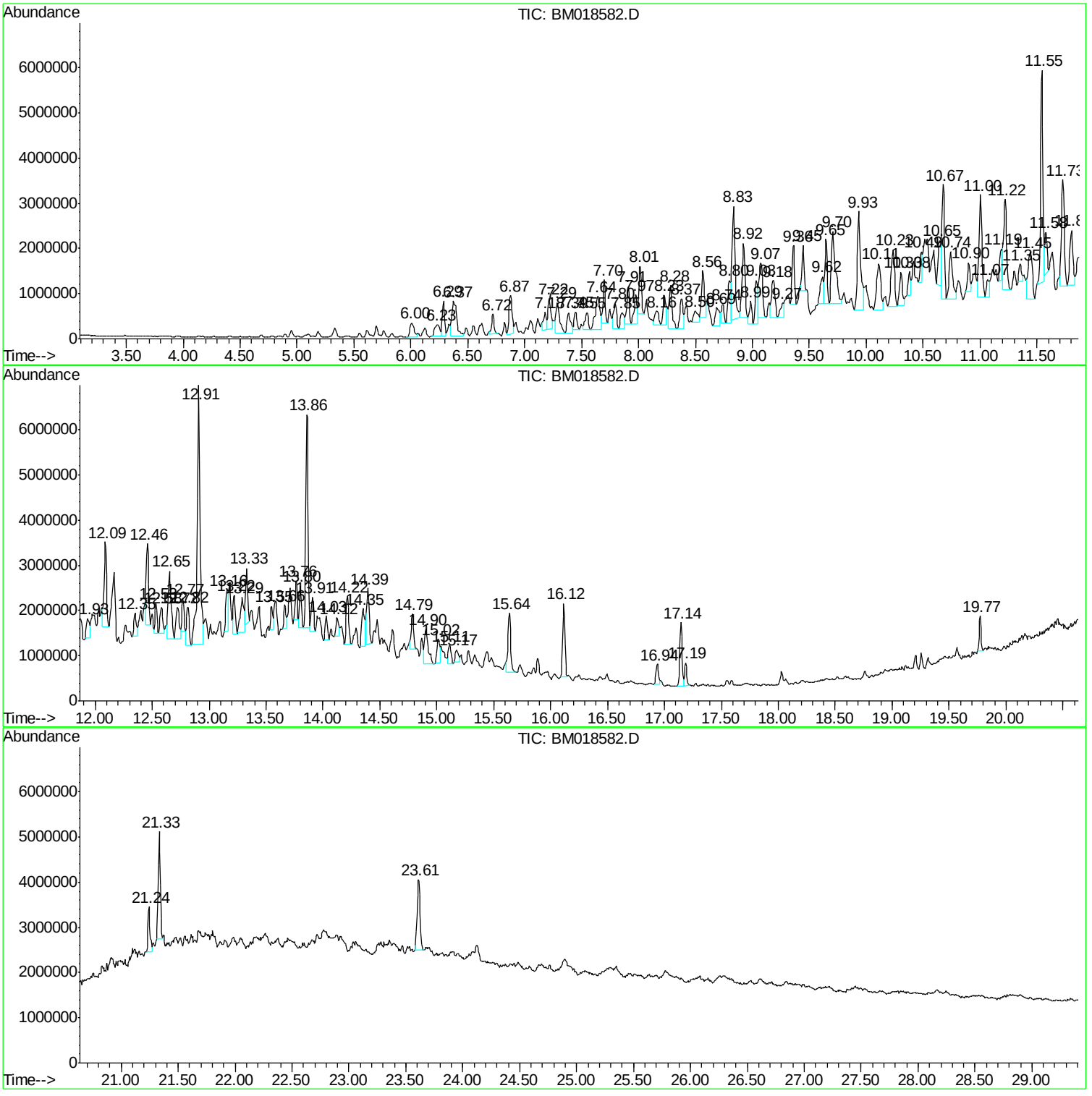
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

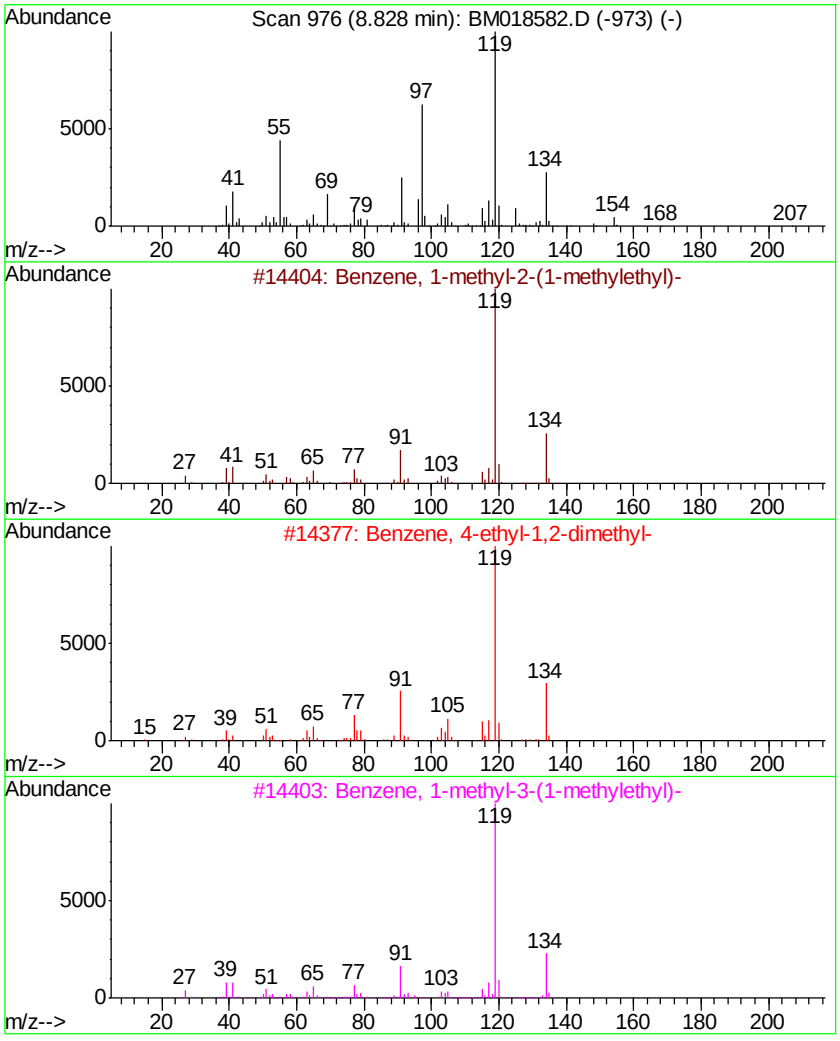
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

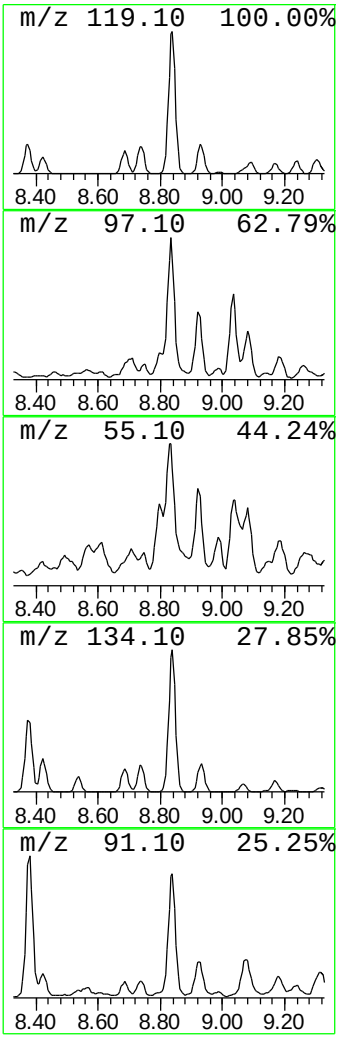
****

Peak Number 1 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	70.96 ng	4724810	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
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Acq On : 16 Jan 2019 14:26
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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

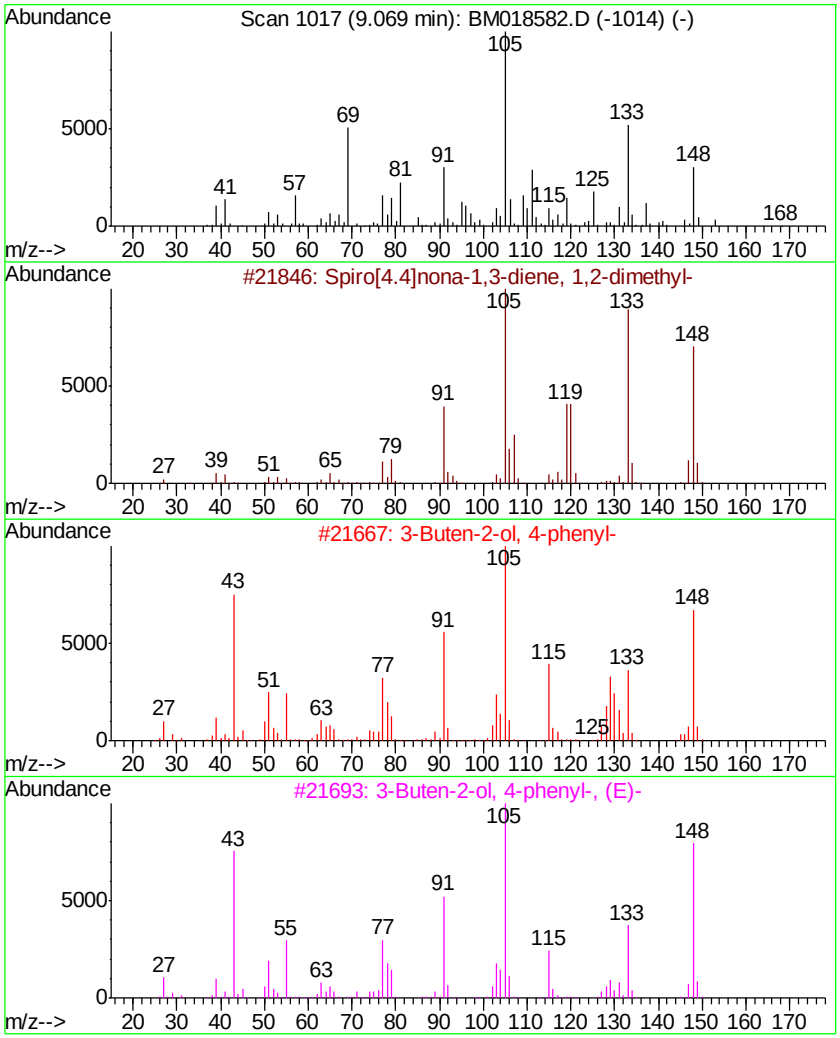
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

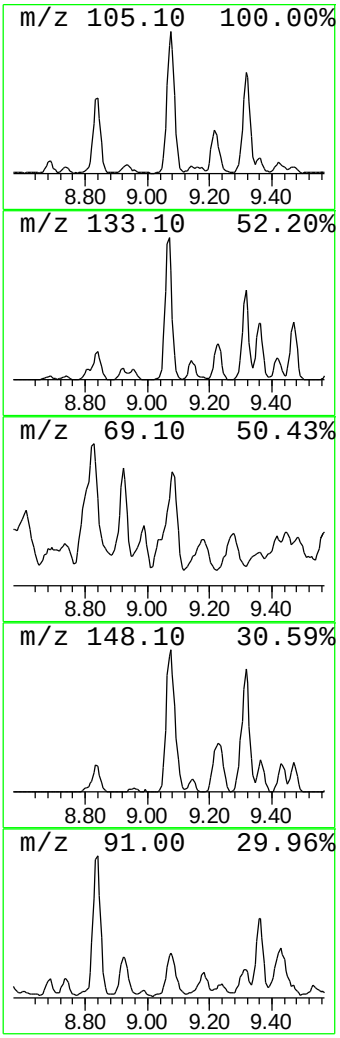
****

Peak Number 2 unknown9.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	37.88 ng	2521960	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	22
2	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	14
3	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	11
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	10
5	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	10





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Misc :
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Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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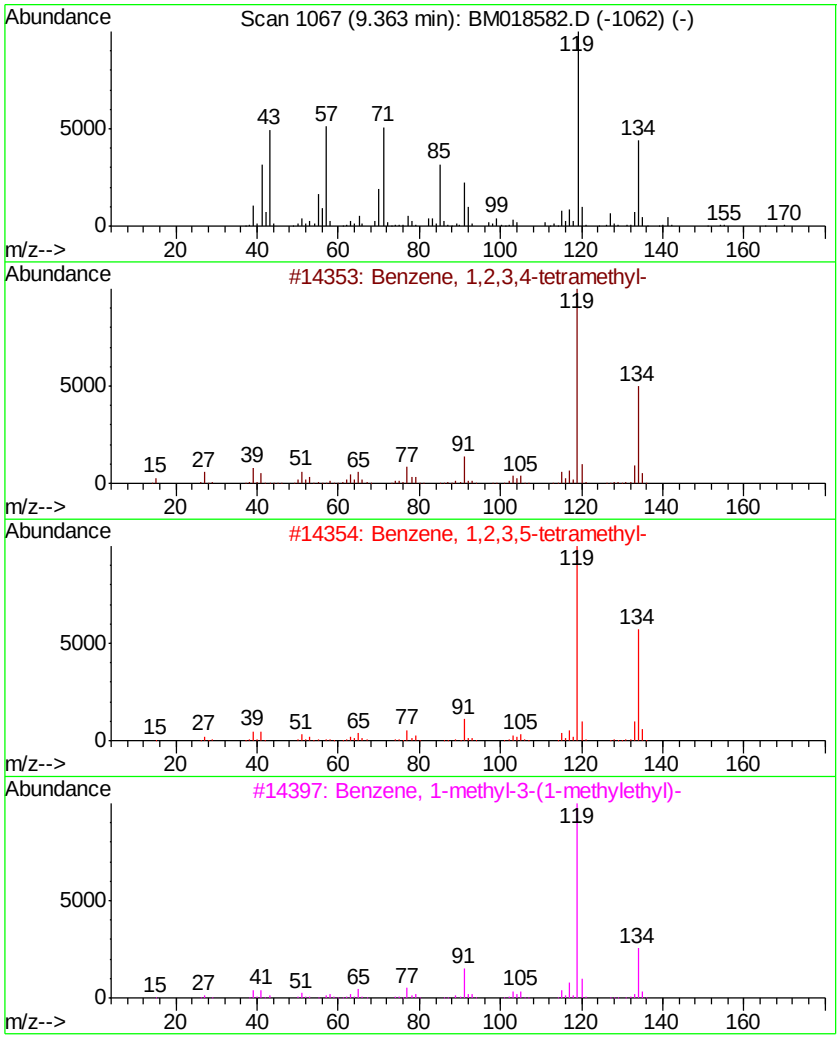
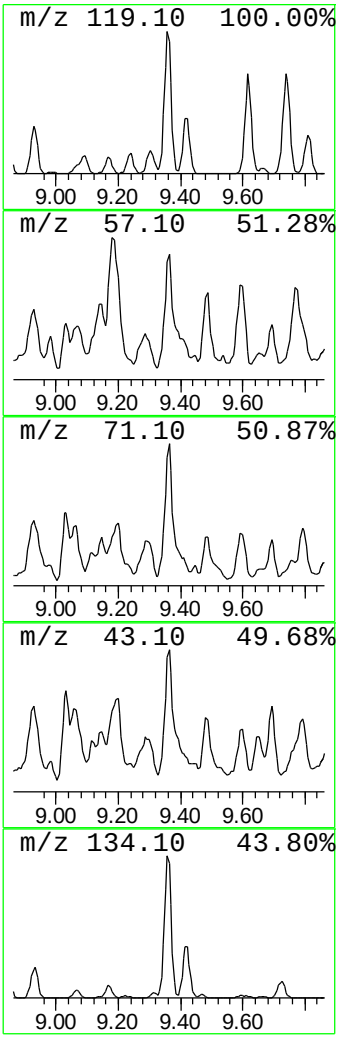
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	38.58 ng	1877820	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

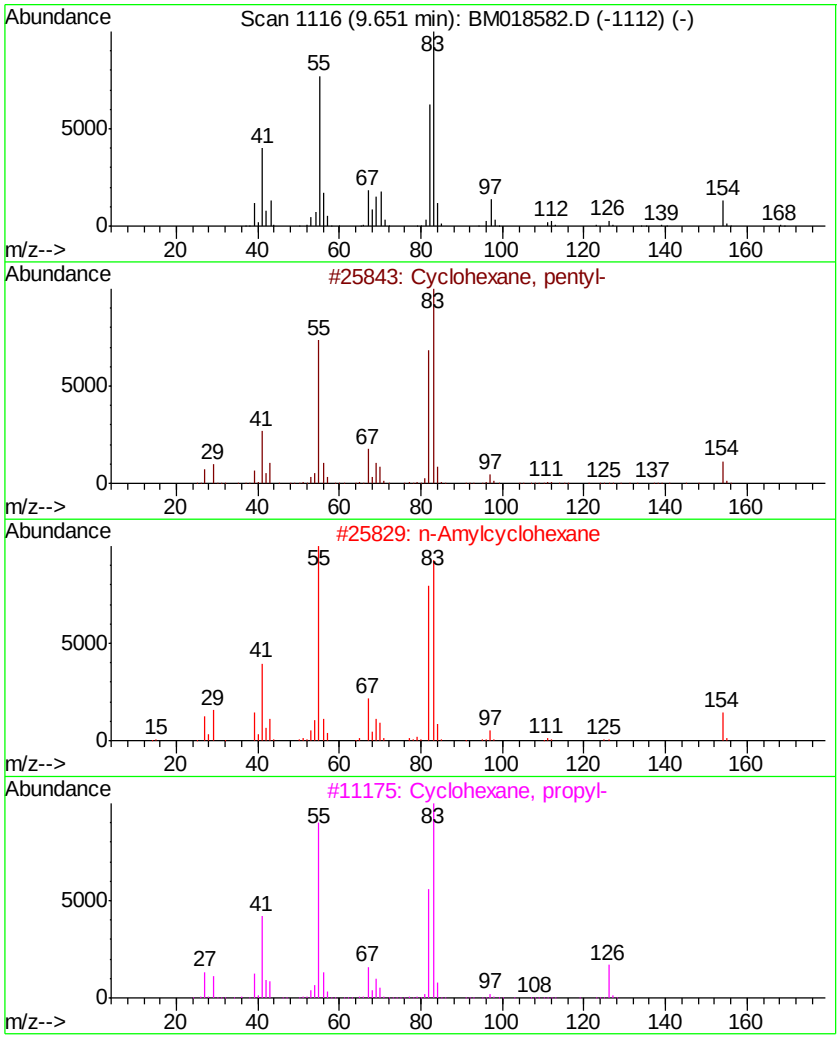
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

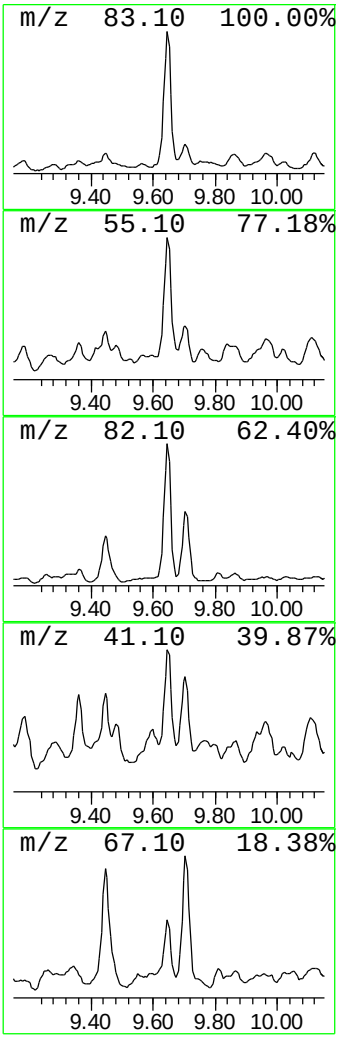
****

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	42.79 ng	2082710	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	97
2	n-Amylcyclohexane	154	C11H22	029949-27-7	91
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

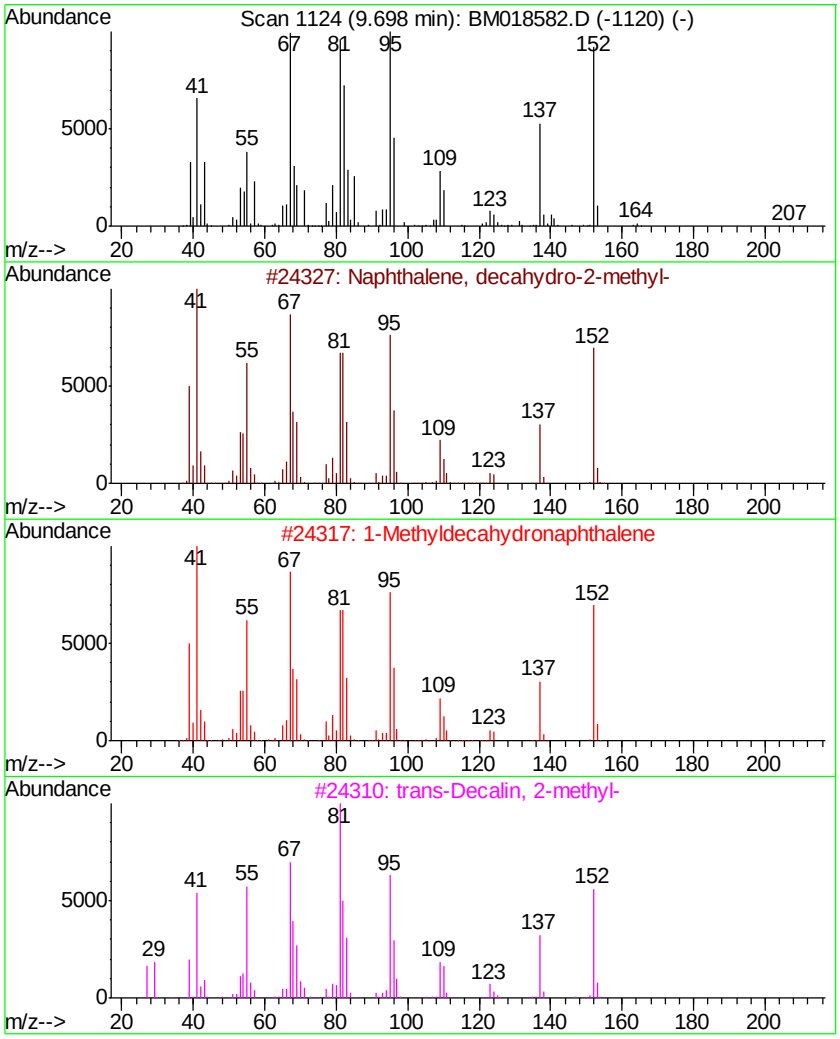
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

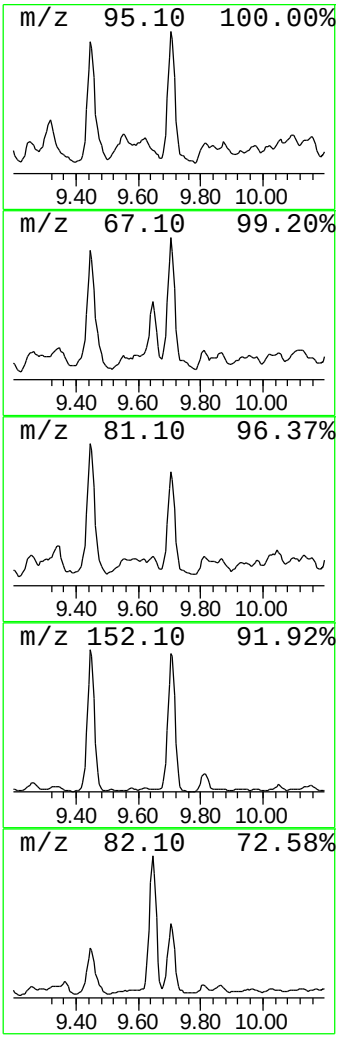
****

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	84.38 ng	4107170	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	94
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	68





Library Search Compound Report

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Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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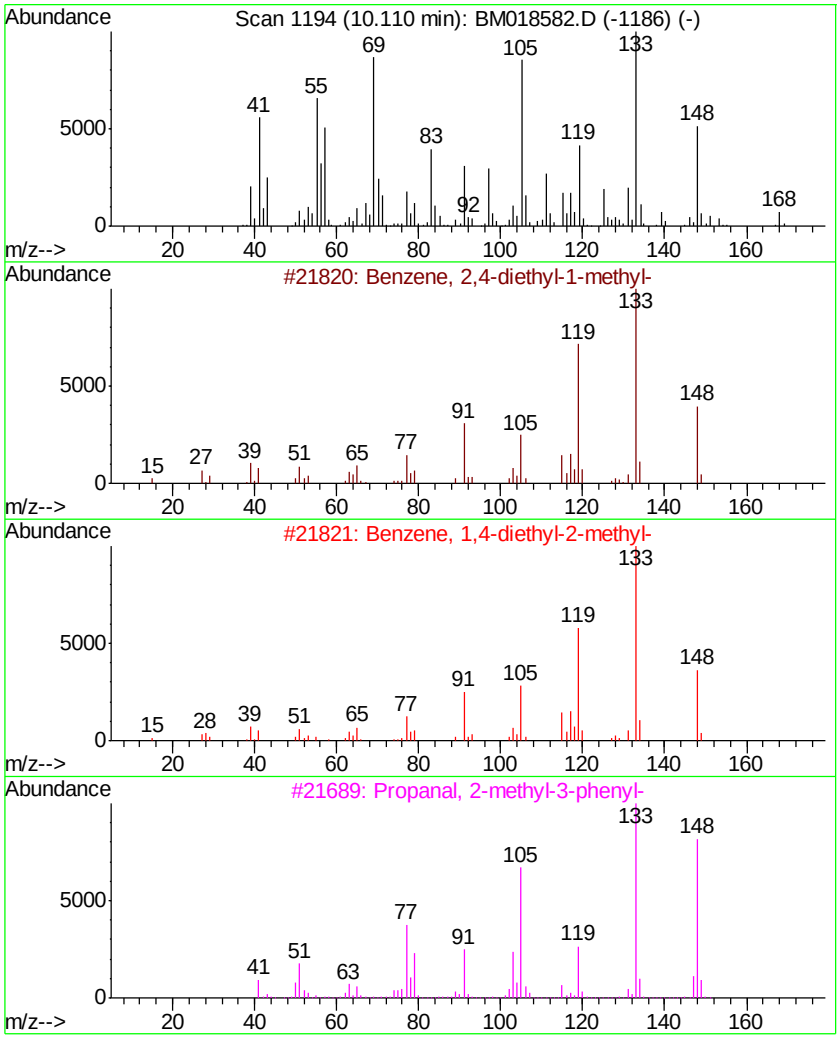
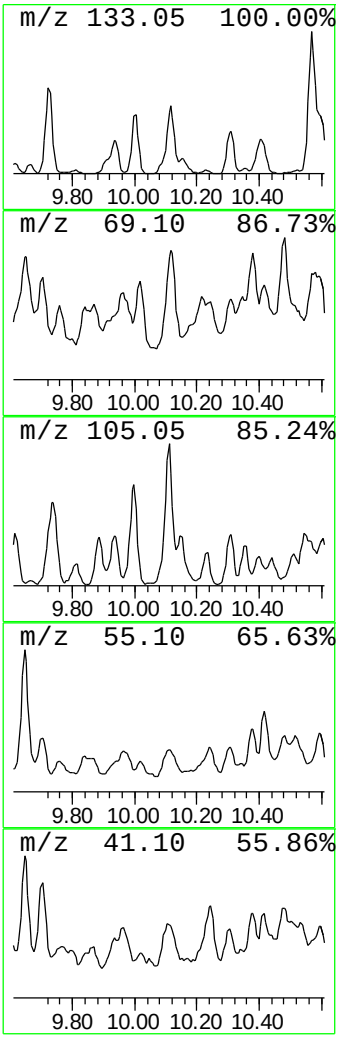
Peak Number 7 unknown10.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	54.47 ng	2651270	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	47
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46
3	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	41
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	38
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38





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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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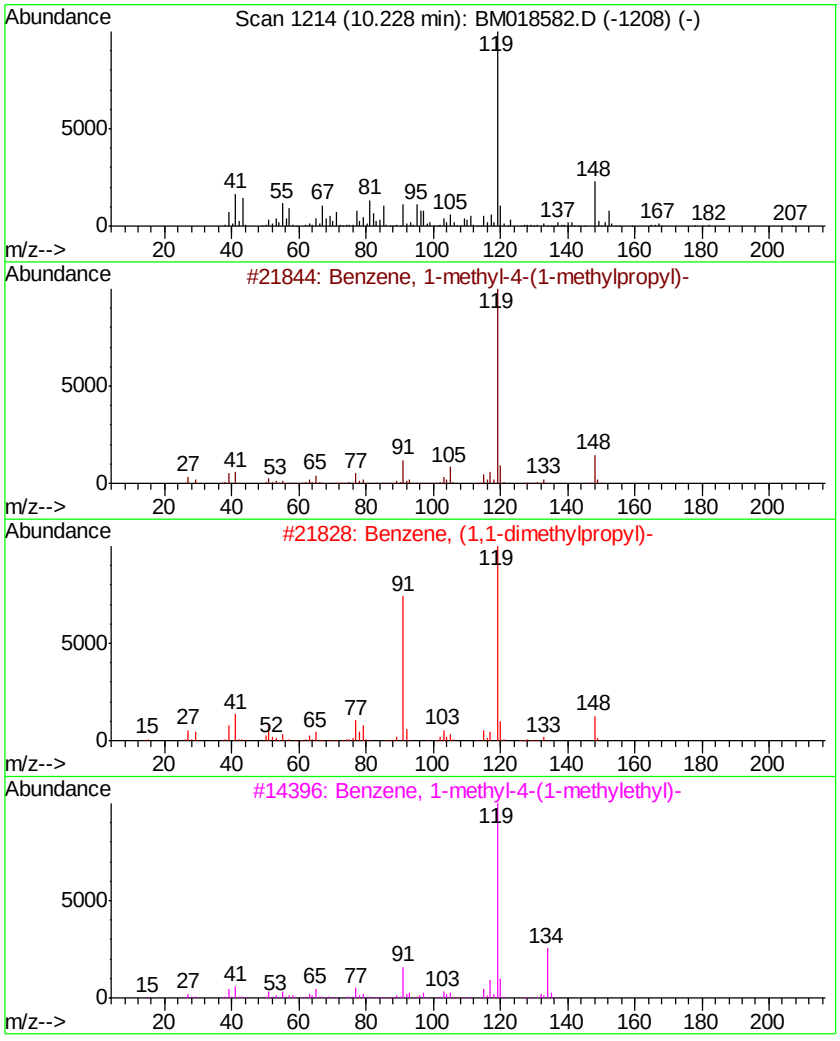
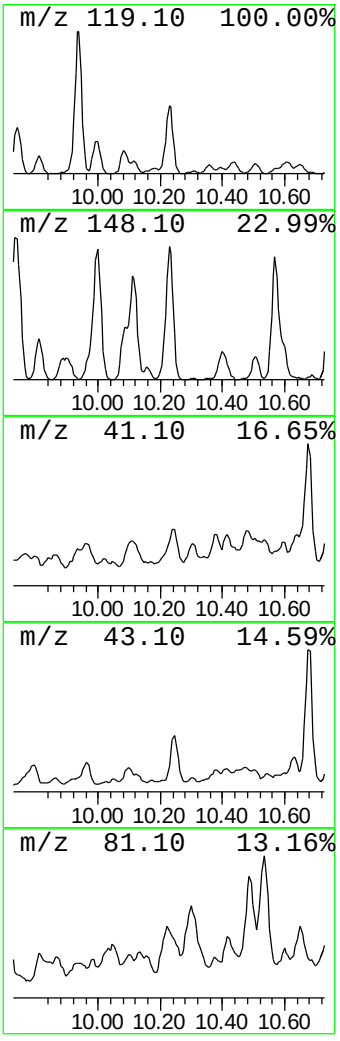
Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	57.45 ng	2796450	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	60
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	43
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	38
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38





Library Search Compound Report

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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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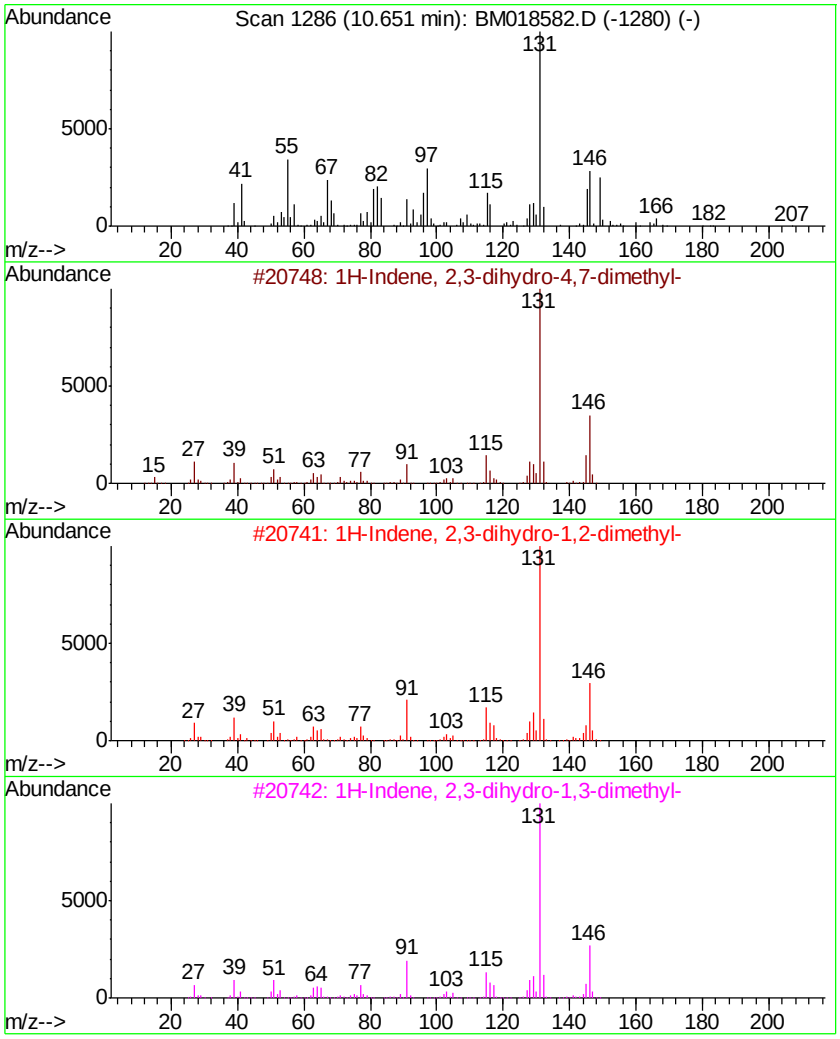
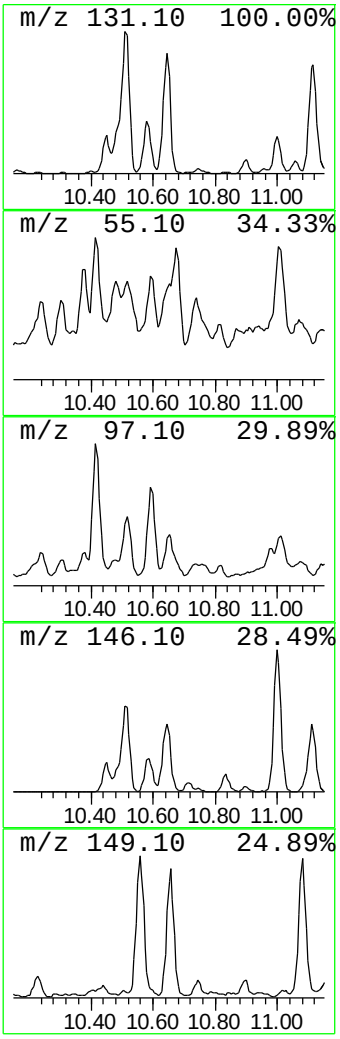
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	36.26 ng	1765010	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	76





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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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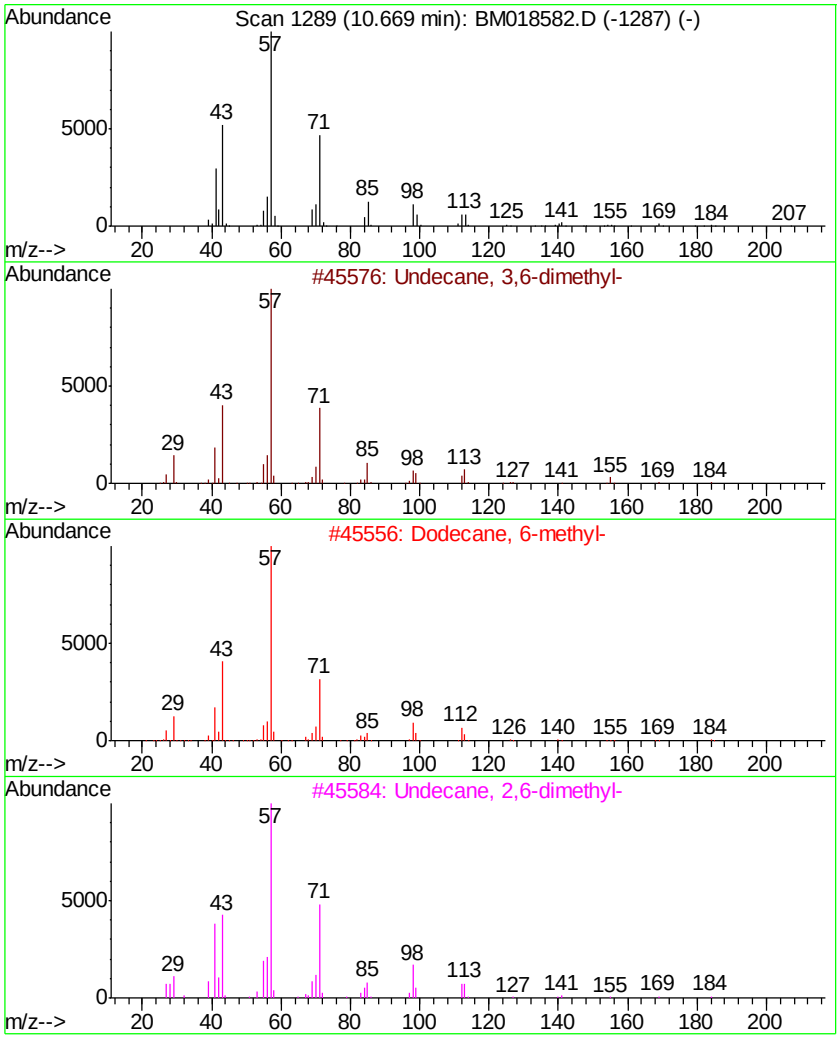
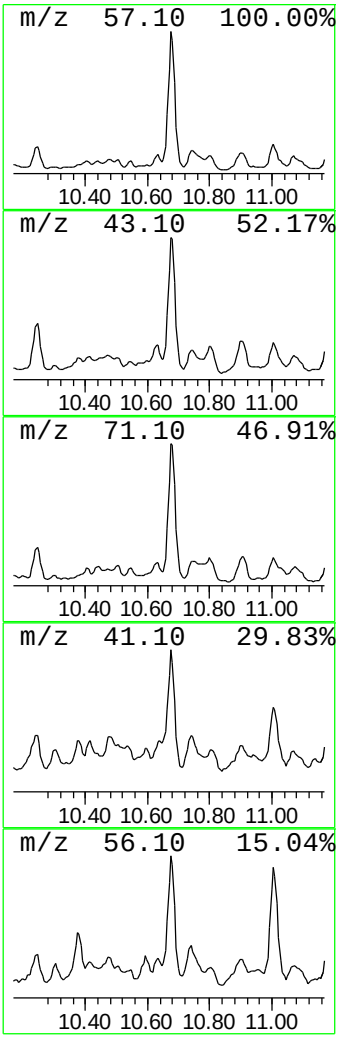
Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	77.10 ng	3752830	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	91
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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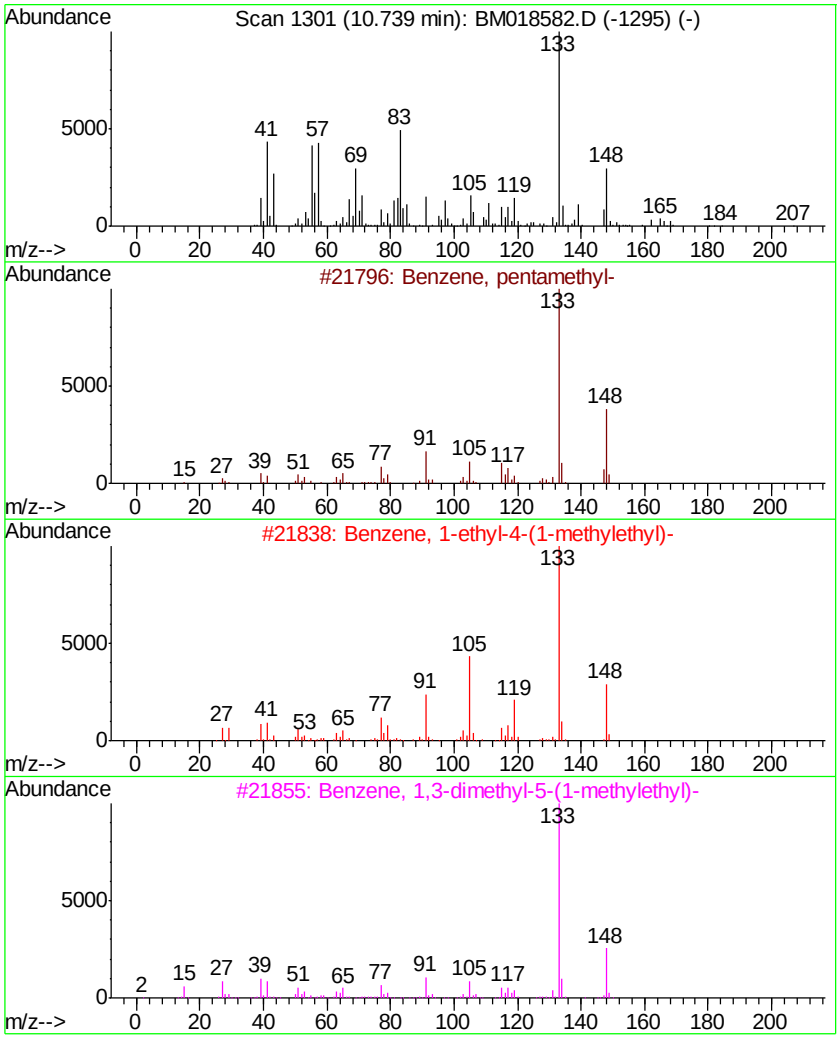
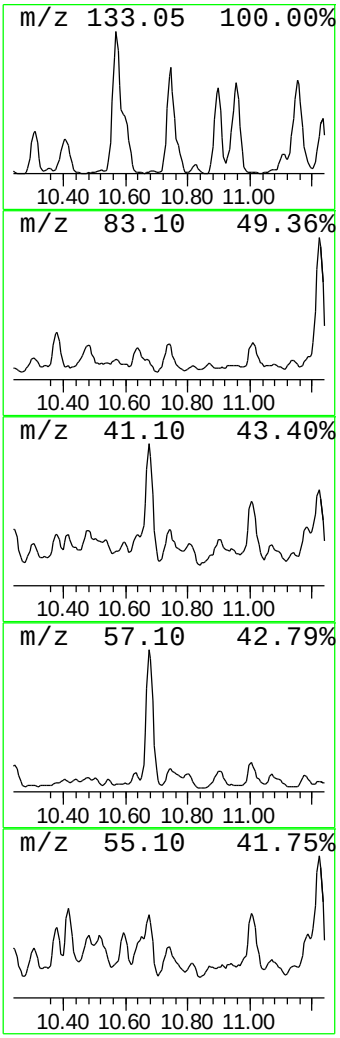
Peak Number 11 Benzene, pentamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	47.58 ng	2316030	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	55
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	55





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Sample : K1071-03 10X
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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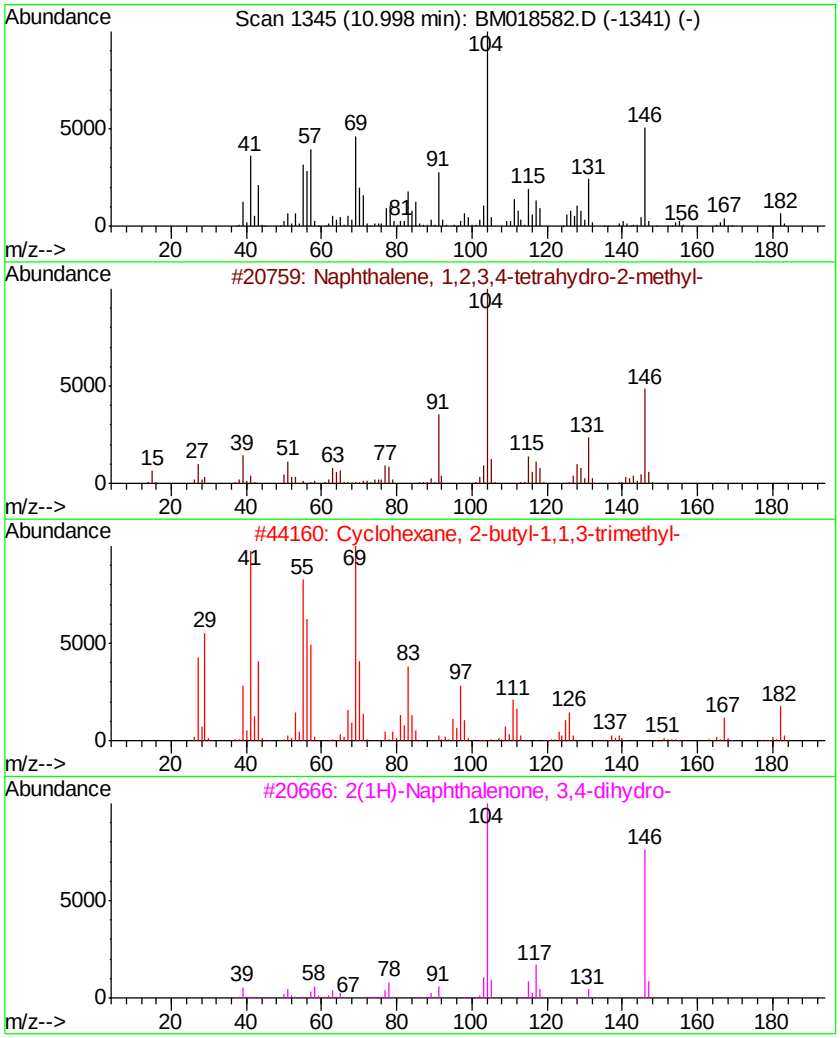
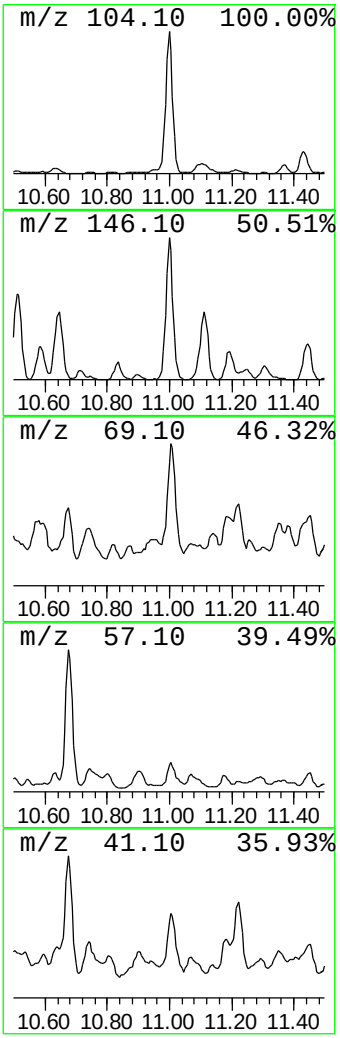
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	85.17 ng	4145650	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	50
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	43
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	22





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Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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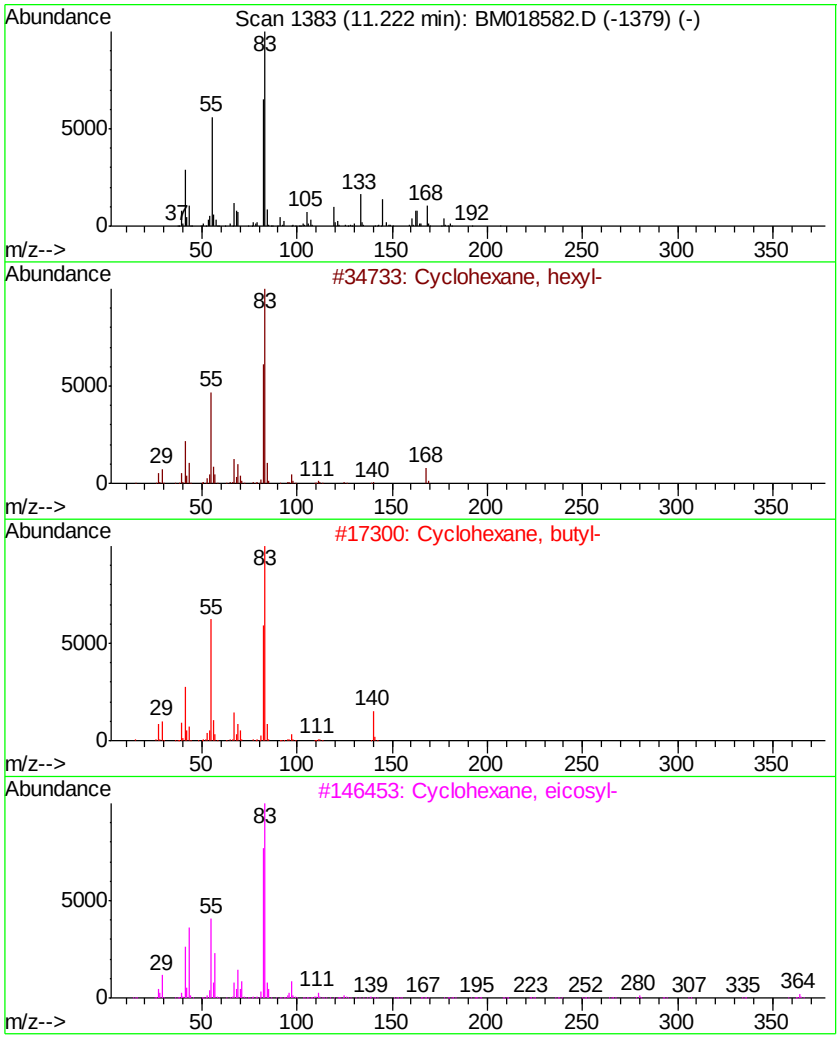
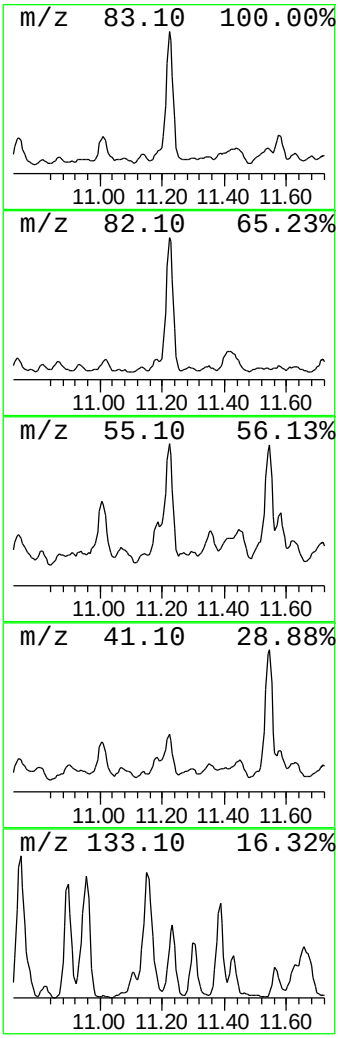
Peak Number 13 Cyclohexane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	75.15 ng	3657860	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	40
3	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	40
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	40
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	40





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Sample : K1071-03 10X
Misc :
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Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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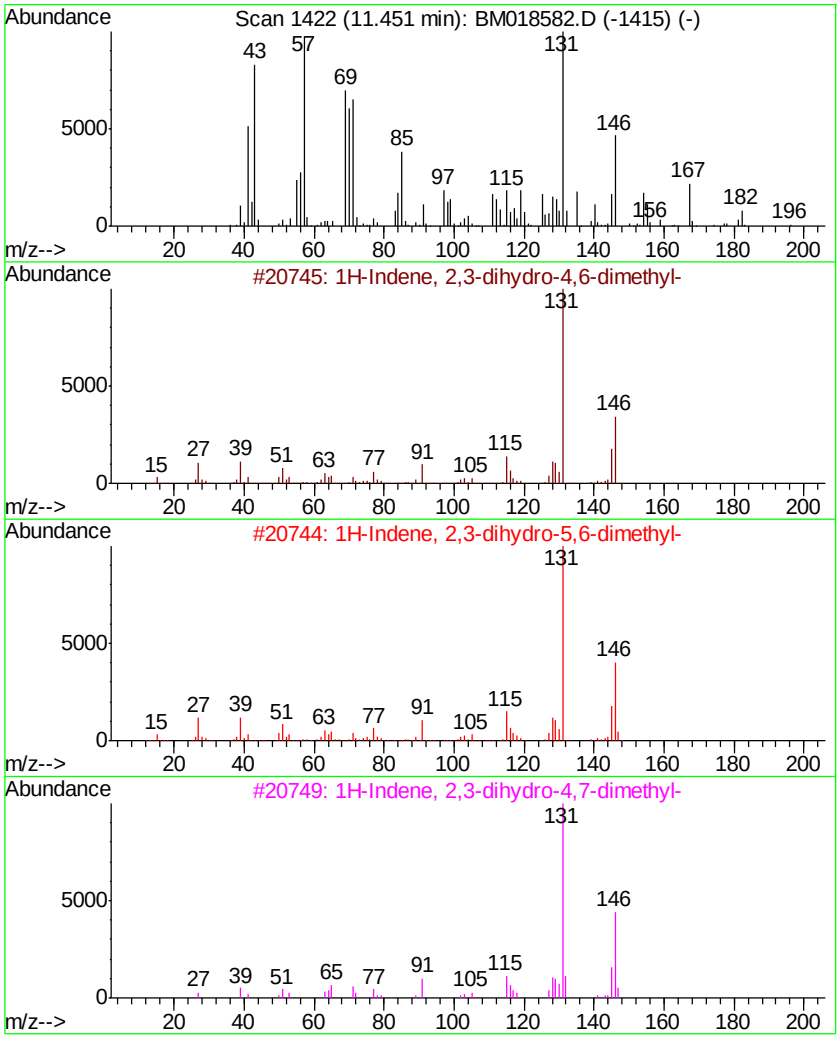
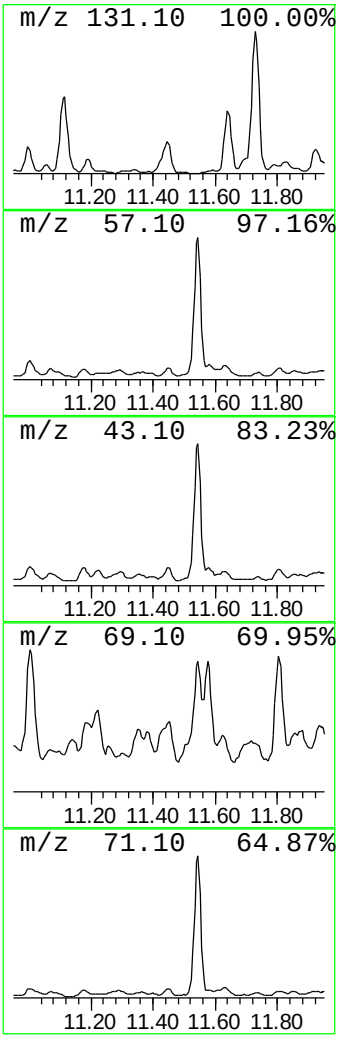
Peak Number 14 unknown11.45 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	55.30 ng	2691670	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	46
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38





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Sample : K1071-03 10X
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Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

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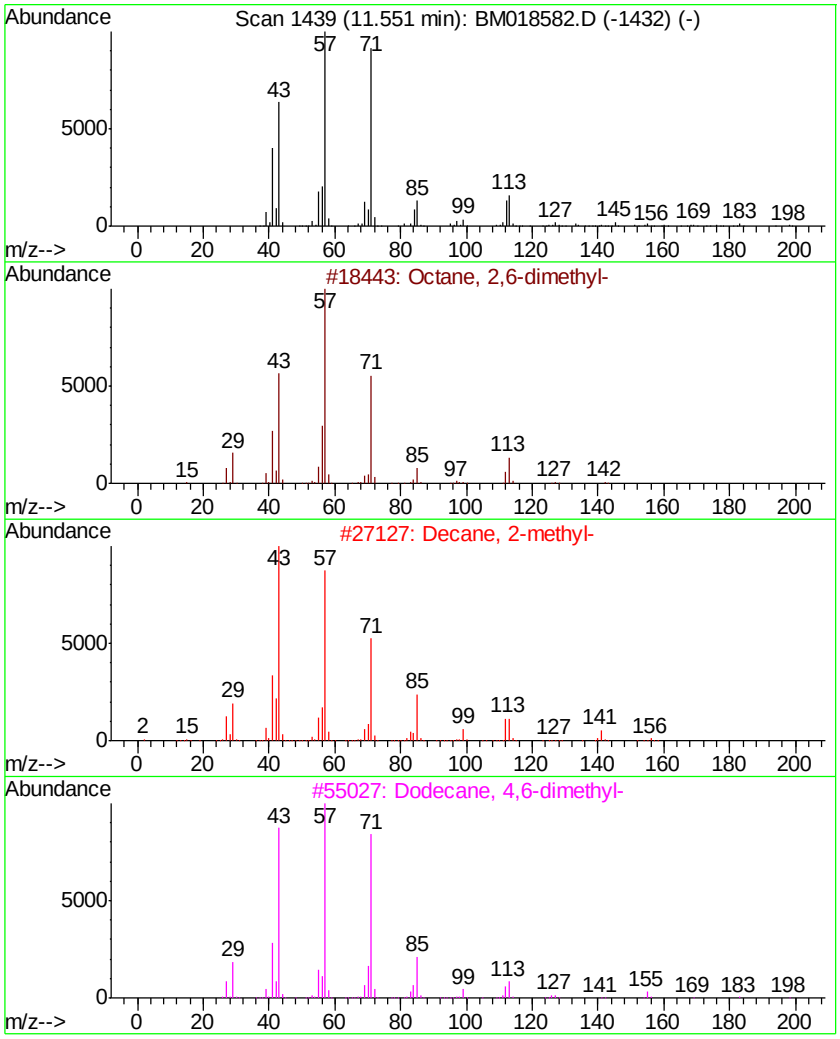
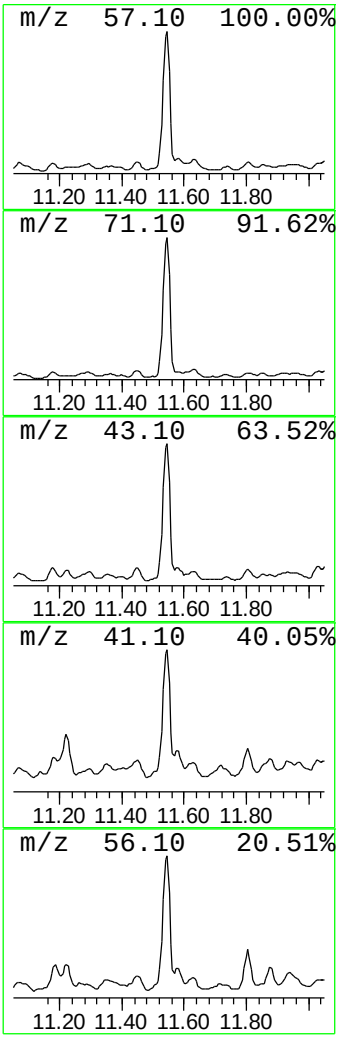
Peak Number 15 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	143.38 ng	6978480	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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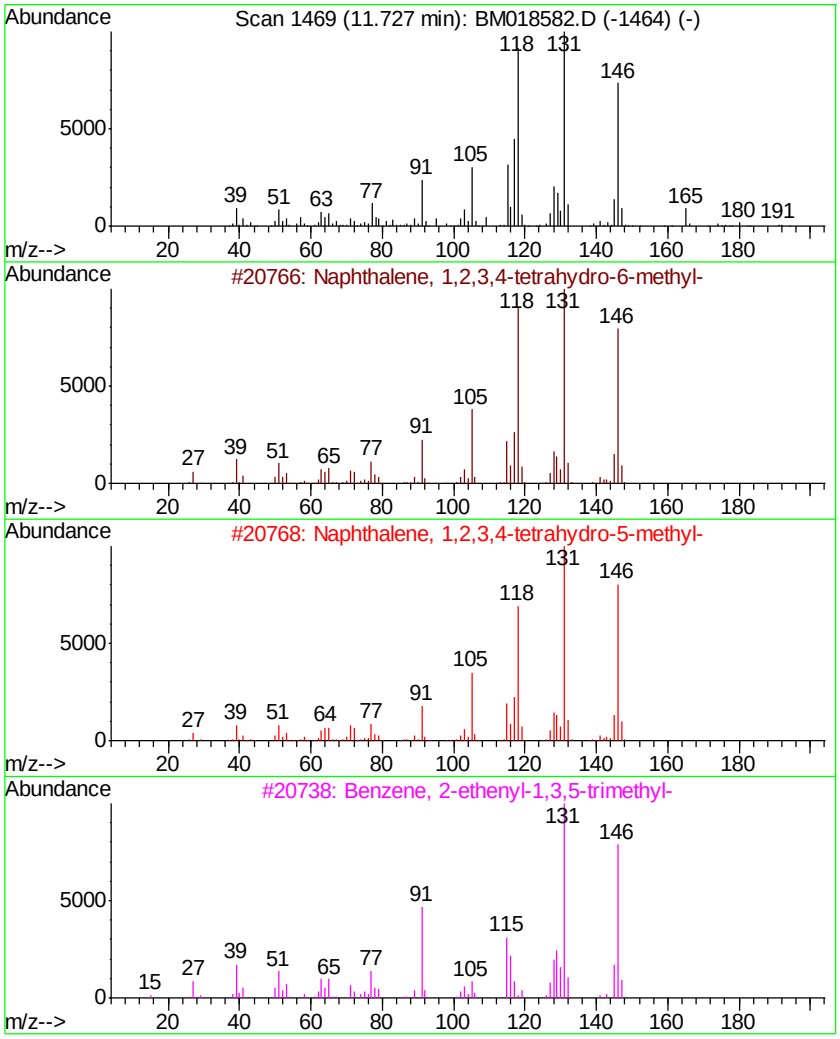
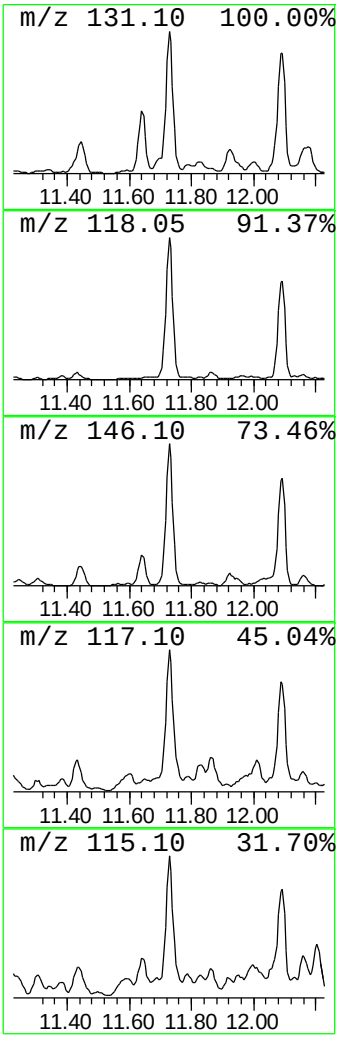
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	84.00 ng	4088380	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	60





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Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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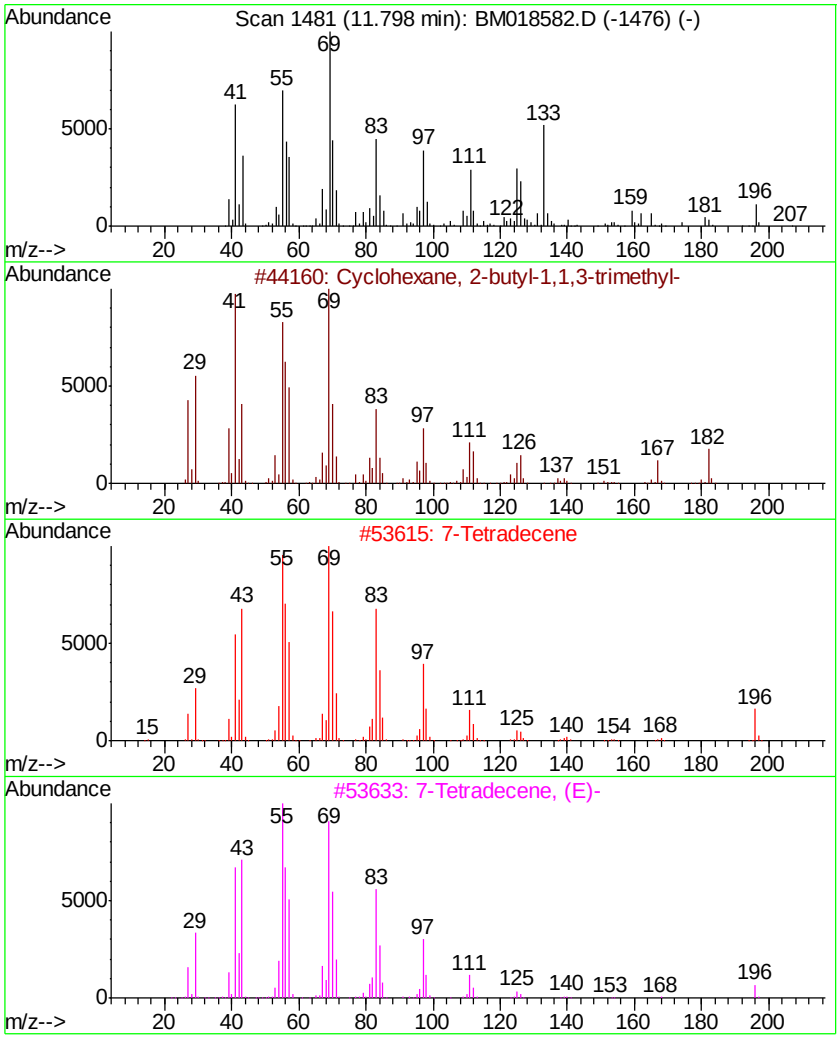
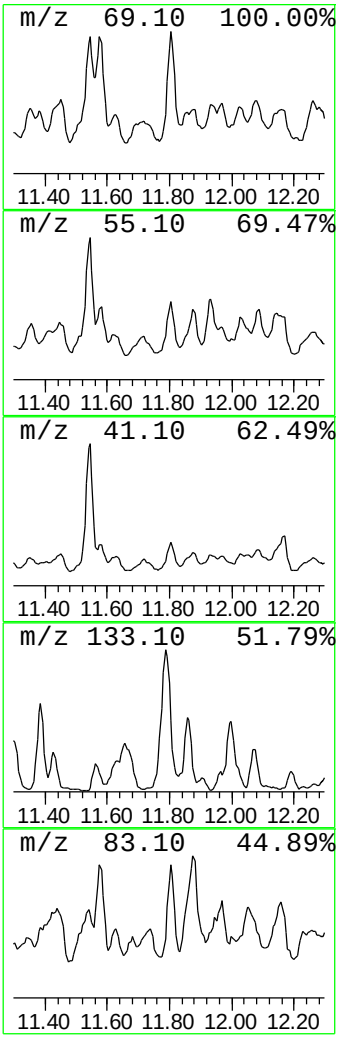
Peak Number 17 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	49.27 ng	2398320	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	87
2	7-Tetradecene	196	C14H28	010374-74-0	70
3	7-Tetradecene, (E)-	196	C14H28	041446-63-3	70
4	5-Tetradecene, (E)-	196	C14H28	041446-66-6	70
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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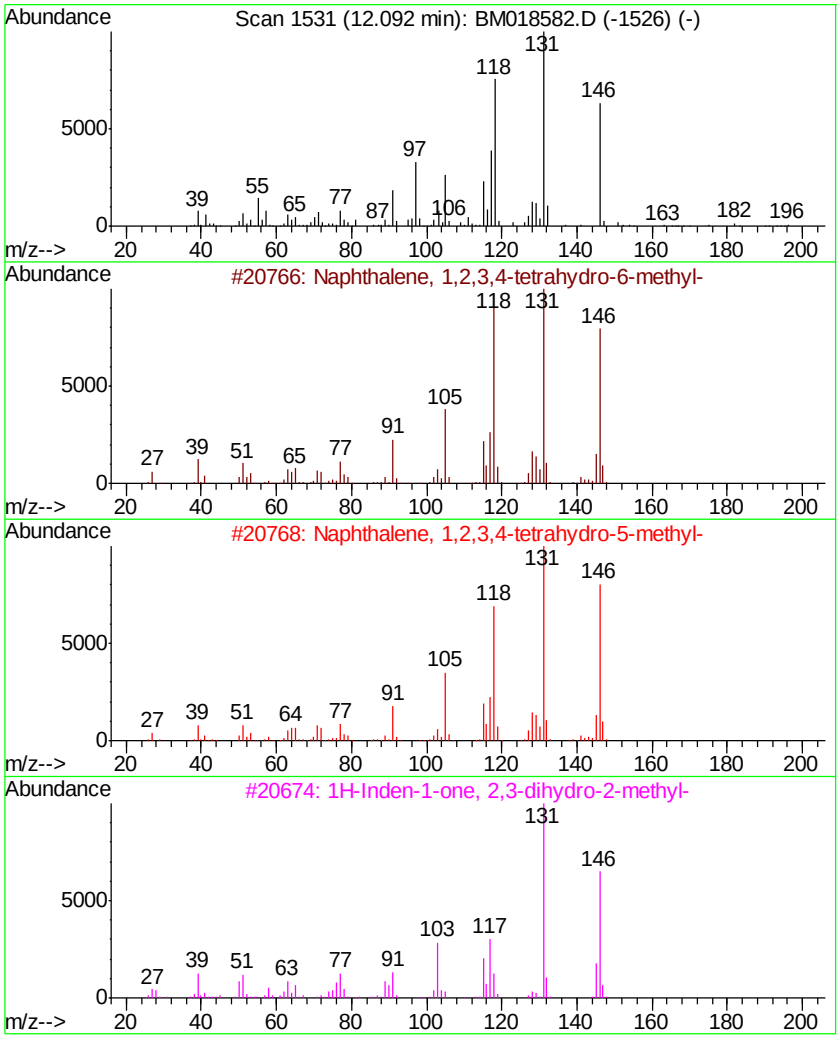
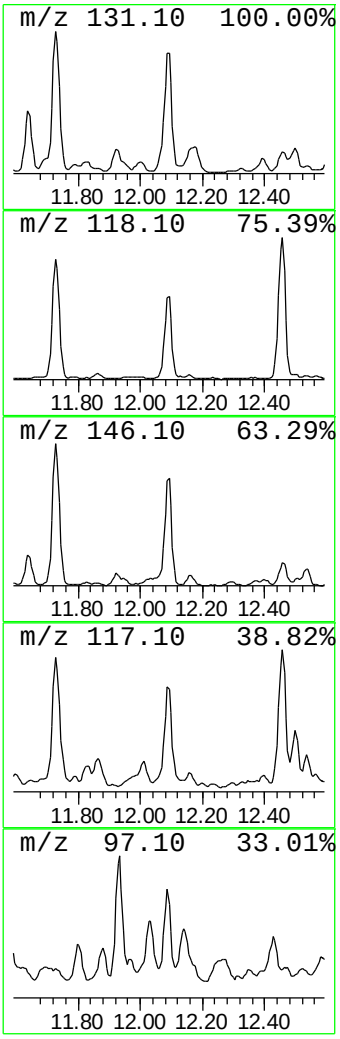
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	59.12 ng	2877780	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	50
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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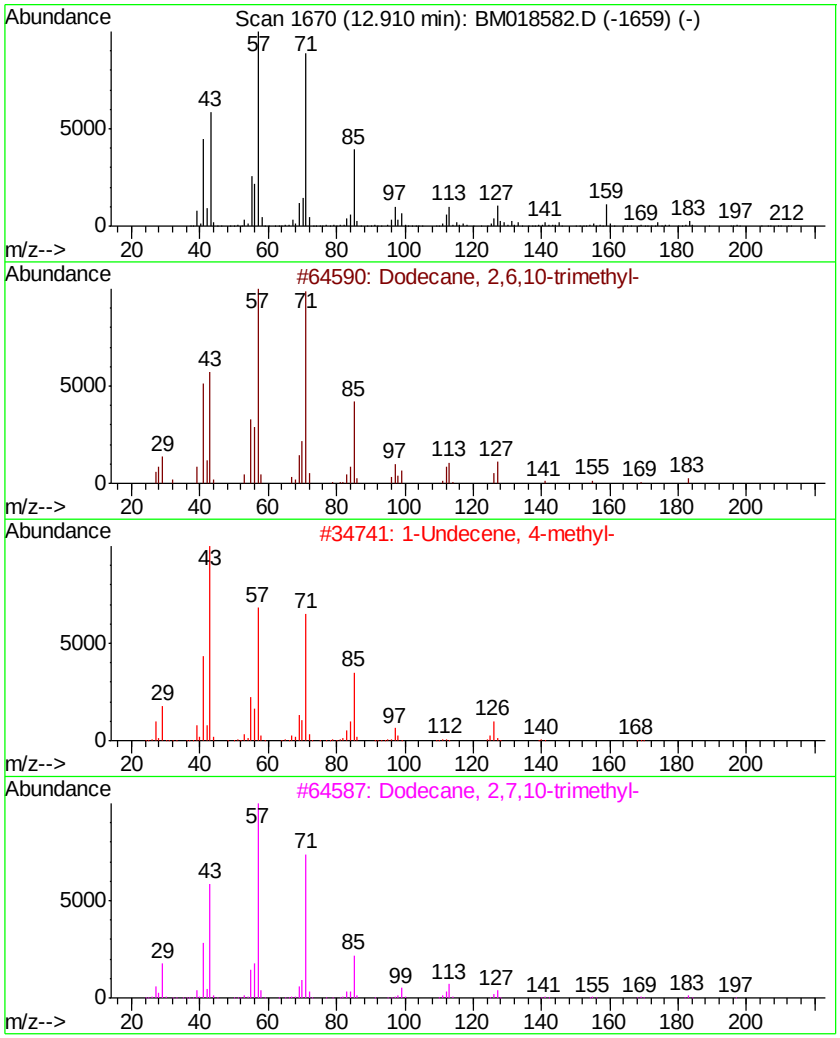
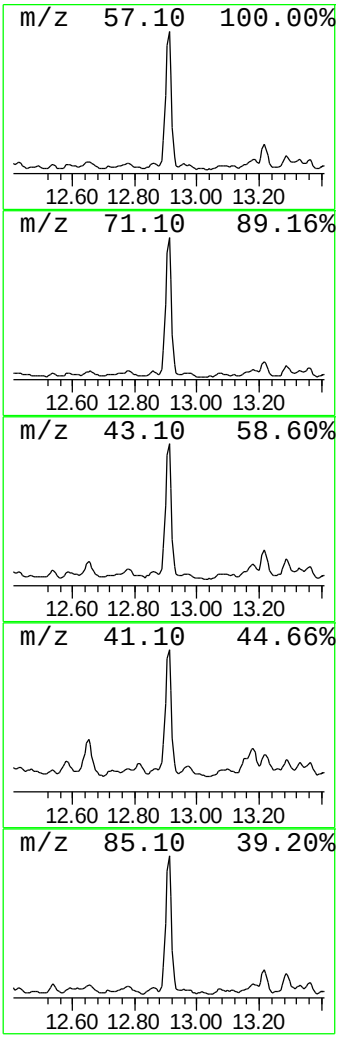
Peak Number 19 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	115.38 ng	10266300	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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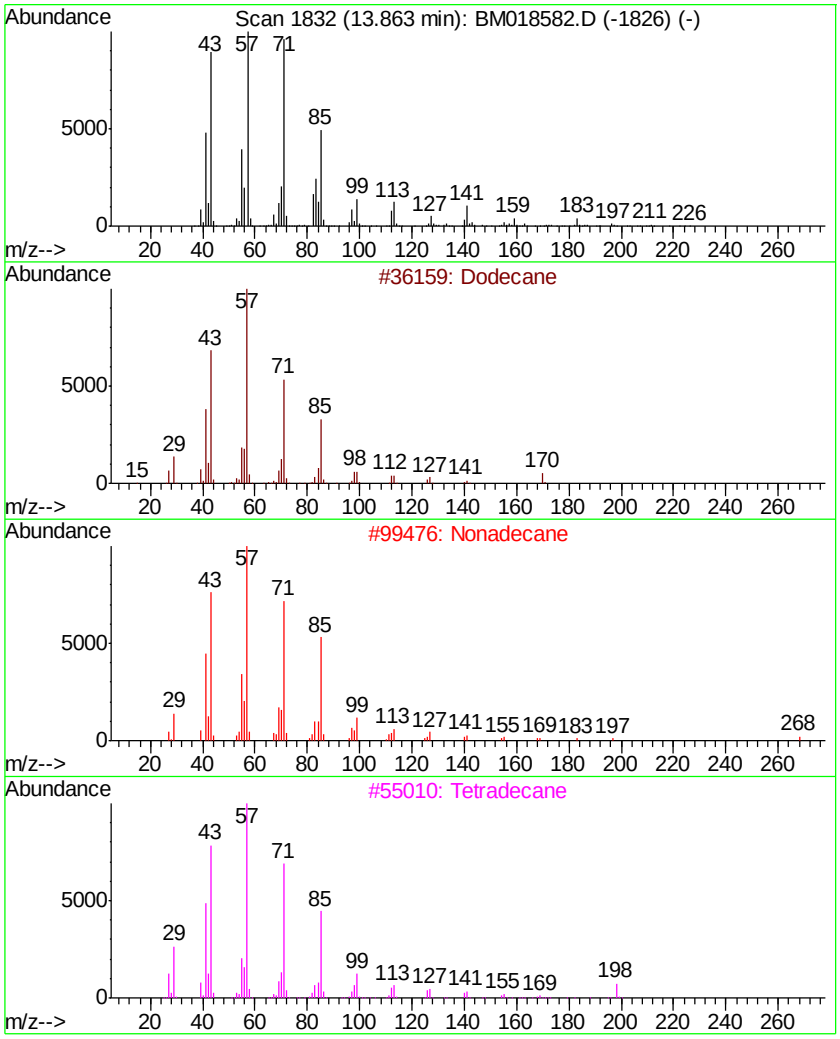
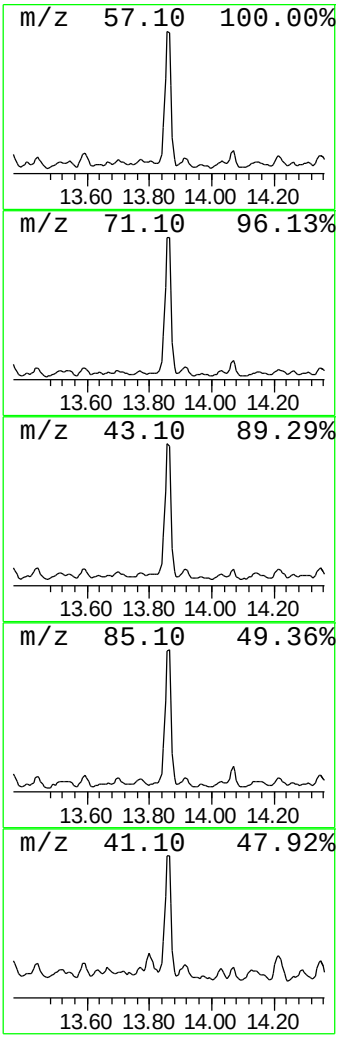
Peak Number 20 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	72.69 ng	6467290	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
Data File : BM018582.D
Acq On : 16 Jan 2019 14:26
Operator : JU/SJ
Sample : K1071-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-methyl...	8.83	71.0	ng	4724810	1	7.75	1331670	20.0
unknown9.07	9.07	37.9	ng	2521960	1	7.75	1331670	20.0
Benzene, 1,2,3,4-...	9.36	38.6	ng	1877820	2	10.54	973458	20.0
Cyclohexane, pentyl-	9.65	42.8	ng	2082710	2	10.54	973458	20.0
Naphthalene, deca...	9.70	84.4	ng	4107170	2	10.54	973458	20.0
unknown10.11	10.11	54.5	ng	2651270	2	10.54	973458	20.0
Benzene, 1-methyl...	10.23	57.5	ng	2796450	2	10.54	973458	20.0
1H-Indene, 2,3-di...	10.65	36.3	ng	1765010	2	10.54	973458	20.0
Undecane, 3,6-dim...	10.67	77.1	ng	3752830	2	10.54	973458	20.0
Benzene, pentamet...	10.74	47.6	ng	2316030	2	10.54	973458	20.0
Naphthalene, 1,2,...	11.00	85.2	ng	4145650	2	10.54	973458	20.0
Cyclohexane, hexyl-	11.22	75.2	ng	3657860	2	10.54	973458	20.0
unknown11.45	11.45	55.3	ng	2691670	2	10.54	973458	20.0
Octane, 2,6-dimet...	11.55	143.4	ng	6978480	2	10.54	973458	20.0
Naphthalene, 1,2,...	11.73	84.0	ng	4088380	2	10.54	973458	20.0
Cyclohexane, 2-bu...	11.80	49.3	ng	2398320	2	10.54	973458	20.0
Naphthalene, 1,2,...	12.09	59.1	ng	2877780	2	10.54	973458	20.0
Dodecane, 2,6,10-...	12.91	115.4	ng	10266300	3	14.40	1779530	20.0
Dodecane	13.86	72.7	ng	6467290	3	14.40	1779530	20.0