LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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_N\METHODS\8270-BN102418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	128	136	146	rVB	857438	1219658	8.68%	0.426%
2	3.881	146	152	157	rBV	1196986	1808664	12.87%	0.631%
3	3.928	157	160	169	rVB2	464648	852787	6.07%	0.298%
4	4.028	169	177	188	rVB	588544	1055548	7.51%	0.368%
5	4.134	188	195	201	rBV	1845637	2542094	18.09%	0.887%
6	4.581	265	271	276	rVV	710322	999310	7.11%	0.349%
7	4.769	294	303	310	rBV2	376989	782221	5.57%	0.273%
8	4.864	315	319	324	rBV	694625	1023128	7.28%	0.357%
9	5.093	353	358	366	rVB4	318633	680297	4.84%	0.237%
10	5.281	385	390	392	rBV	1124714	1729777	12.31%	0.604%
11	5.305	392	394	399	rVB	1115126	1360457	9.68%	0.475%
12	5.416	404	413	420	rVB2	3217928	5125508	36.47%	1.789%
13	5.505	420	428	433	rBV	603816	1478567	10.52%	0.516%
14	5.605	440	445	448	rBV	703369	1023730	7.28%	0.357%
15	5.822	479	482	485	rVV	536443	670768	4.77%	0.234%
16	6.099	523	529	537	rBV3	1064202	2218838	15.79%	0.774%
17	6.216	543	549	558	rVB	735668	1494625	10.63%	0.522%
18	6.310	559	565	568	rBV	679702	1327764	9.45%	0.463%
19	6.381	574	577	582	rVB	873146	1182422	8.41%	0.413%
20	6.469	587	592	601	rVB5	844093	1789872	12.73%	0.625%
21	6.705	627	632	634	rBV	612151	993812	7.07%	0.347%
22	6.781	641	645	647	rBV	487477	647339	4.61%	0.226%
23	6.822	647	652	657	rVB	4792361	7333566	52.18%	2.559%
24	6.875	657	661	666	rVB	1505349	2053723	14.61%	0.717%
25	6.993	674	681	683	rBV	2254923	4335856	30.85%	1.513%
26	7.163	703	710	715	rBV2	868930	1727690	12.29%	0.603%
27	7.381	739	747	755	rVB4	2567801	5440208	38.71%	1.899%
28	7.710	798	803	805	rBV2	763523	1107664	7.88%	0.387%
29	7.740	805	808	814	rVB	826269	1194927	8.50%	0.417%
30	7.805	814	819	824	rVB	2089274	3155191	22.45%	1.101%
31	7.899	830	835	840	rVB4	570797	1146235	8.16%	0.400%
32	7.957	840	845	850	rBV2	634035	1163121	8.28%	0.406%
33	8.016	850	855	858	rBV	678806	966111	6.87%	0.337%
34	8.057	858	862	869	rBV	1724871	2947913	20.97%	1.029%

LSC Area Percent Report

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Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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_N\METHODS\8270-BN102418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.175	877	882	886	rVB	1348446	2015428	14.34%	0.703%
36	8.222	886	890	900	rVB	1385888	2448414	17.42%	0.855%
37	8.334	900	909	912	rBV	3236847	6217124	44.23%	2.170%
38	8.410	919	922	928	rVB2	1181175	1919289	13.66%	0.670%
39	8.493	928	936	941	rBV3	4411009	8664849	61.65%	3.024%
40	8.593	946	953	963	rVV2	1164417	2369315	16.86%	0.827%
41	8.704	963	972	975	rVV3	972136	2031627	14.45%	0.709%
42	8.740	975	978	983	rVB	550864	794234	5.65%	0.277%
43	8.957	1007	1015	1021	rVV	7451382	14055474	100.00%	4.906%
44	9.040	1021	1029	1042	rVB3	4343005	8939297	63.60%	3.120%
45	9.187	1048	1054	1063	rVB5	686668	1534001	10.91%	0.535%
46	9.299	1063	1073	1084	rBV5	713009	2475861	17.61%	0.864%
47	9.404	1084	1091	1097	rBV2	776566	1803534	12.83%	0.629%
48	9.475	1097	1103	1108	rVB	4864109	7884921	56.10%	2.752%
49	9.593	1120	1123	1127	rVB	521057	727872	5.18%	0.254%
50	9.646	1127	1132	1136	rVB	506040	722237	5.14%	0.252%
51	9.728	1136	1146	1150	rBV2	2124399	4066854	28.93%	1.419%
52	9.840	1157	1165	1169	rBV2	1248337	2588410	18.42%	0.903%
53	9.899	1169	1175	1184	rVV3	4053352	9371521	66.68%	3.271%
54	9.969	1184	1187	1192	rVV	655932	1057256	7.52%	0.369%
55	10.051	1193	1201	1207	rVV2	6155718	12842958	91.37%	4.482%
56	10.110	1207	1211	1215	rVV2	1877921	3146695	22.39%	1.098%
57	10.157	1215	1219	1223	rVV	870945	1310397	9.32%	0.457%
58	10.222	1223	1230	1235	rVB3	1646884	3051677	21.71%	1.065%
59	10.346	1244	1251	1257	rVB	2590797	4286249	30.50%	1.496%
60	10.563	1268	1288	1291	rBV4	1809333	5487921	39.04%	1.915%
61	10.628	1291	1299	1304	rVV	4356885	11464733	81.57%	4.001%
62	10.687	1304	1309	1316	rVV4	3308668	7761855	55.22%	2.709%
63	10.763	1316	1322	1331	rVB2	3448099	7711543	54.87%	2.691%
64	10.851	1331	1337	1343	rBV	2120109	3633336	25.85%	1.268%
65	10.910	1343	1347	1355	rBV4	363621	800840	5.70%	0.280%
66	11.010	1360	1364	1367	rVV2	632766	1015027	7.22%	0.354%
67	11.051	1367	1371	1377	rVV2	511390	1072308	7.63%	0.374%
68	11.110	1377	1381	1388	rVB5	766202	1654793	11.77%	0.578%
69	11.246	1400	1404	1409	rBV3	767006	1450118	10.32%	0.506%
70	11.304	1409	1414	1418	rBV	2090275	3541503	25.20%	1.236%
71	11.416	1429	1433	1437	rVB	636536	995767	7.08%	0.348%

LSC Area Percent Report

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Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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_N\METHODS\8270-BN102418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.463	1437	1441	1450	rVB6	768917	1602131	11.40%	0.559%
73	11.563	1450	1458	1462	rBV	3247058	6557435	46.65%	2.289%
74	11.645	1468	1472	1476	rVB	1219336	1728680	12.30%	0.603%
75	11.751	1483	1490	1495	rVB	1943467	3471929	24.70%	1.212%
76	11.845	1500	1506	1512	rBV5	1306003	3292846	23.43%	1.149%
77	11.969	1519	1527	1532	rVB2	755124	2014233	14.33%	0.703%
78	12.034	1532	1538	1546	rBV2	1416621	3389849	24.12%	1.183%
79	12.140	1547	1556	1560	rBV4	672059	1659109	11.80%	0.579%
80	12.269	1574	1578	1581	rVV3	636567	904572	6.44%	0.316%
81	12.316	1581	1586	1592	rVB	3778718	6257946	44.52%	2.184%
82	12.404	1596	1601	1606	rBV4	359748	697898	4.97%	0.244%
83	12.534	1618	1623	1631	rVB	2296291	3979747	28.31%	1.389%
84	12.604	1631	1635	1642	rVB3	608568	1009011	7.18%	0.352%
85	12.675	1642	1647	1651	rBV4	416204	680006	4.84%	0.237%
86	12.740	1652	1658	1662	rBV3	450428	872806	6.21%	0.305%
87	12.998	1696	1702	1706	rBV3	615730	887975	6.32%	0.310%
88	13.110	1715	1721	1730	rVB	3324797	5041378	35.87%	1.759%
89	13.516	1785	1790	1802	rVB	775212	1670335	11.88%	0.583%
90	13.645	1807	1812	1813	rBV	991203	1288365	9.17%	0.450%
91	13.804	1833	1839	1844	rBV	1355823	2375080	16.90%	0.829%
92	13.857	1844	1848	1853	rVV	778415	1128911	8.03%	0.394%
93	13.939	1857	1862	1867	rVB	893194	1321733	9.40%	0.461%
94	14.487	1951	1955	1960	rVB2	788514	1174453	8.36%	0.410%
95	15.975	2202	2208	2215	rVB	3075650	4312244	30.68%	1.505%
96	16.192	2240	2245	2259	rVB	426594	682517	4.86%	0.238%
97	17.228	2414	2421	2426	rBV	1016651	1499479	10.67%	0.523%
98	19.845	2860	2866	2873	rVB	5238934	6837812	48.65%	2.386%
99	21.404	3126	3131	3137	rVB	1113442	1389081	9.88%	0.485%
100	23.721	3517	3525	3533	rBV	681936	1301219	9.26%	0.454%

Sum of corrected areas: 286523409

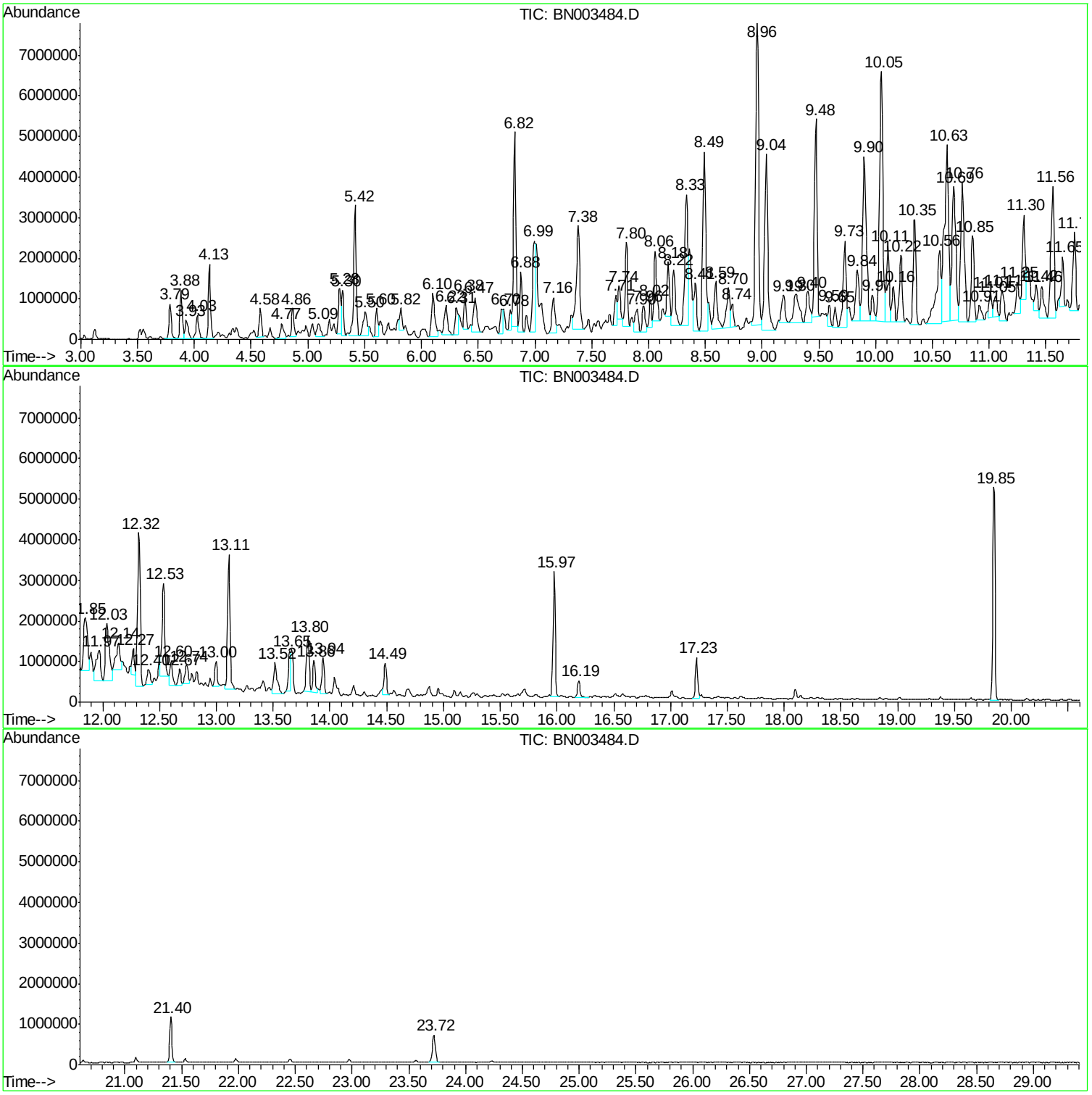
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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 N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

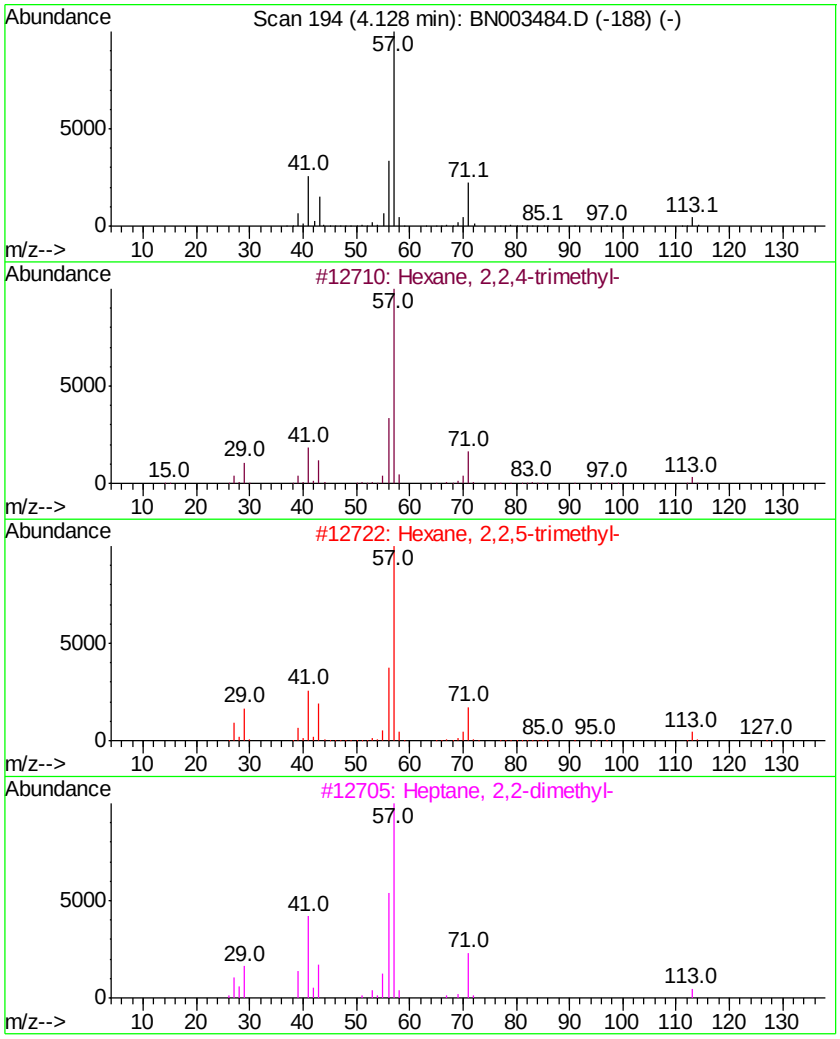
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

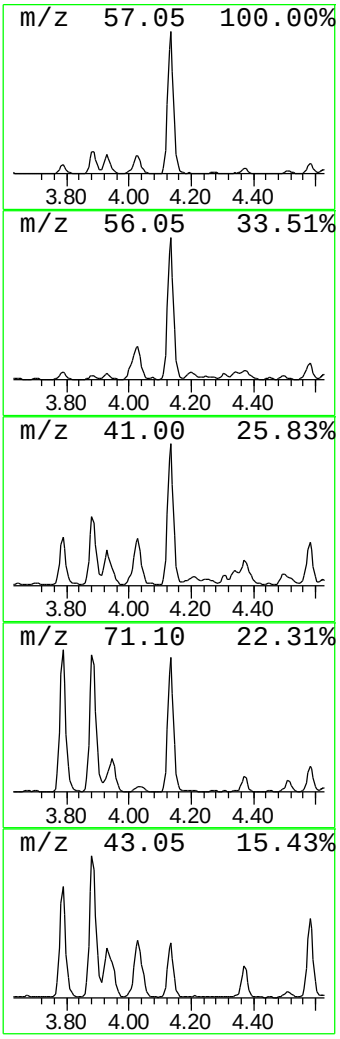
****

Peak Number 1 Hexane, 2,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	16.11 ng	2542090	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
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Misc :
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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

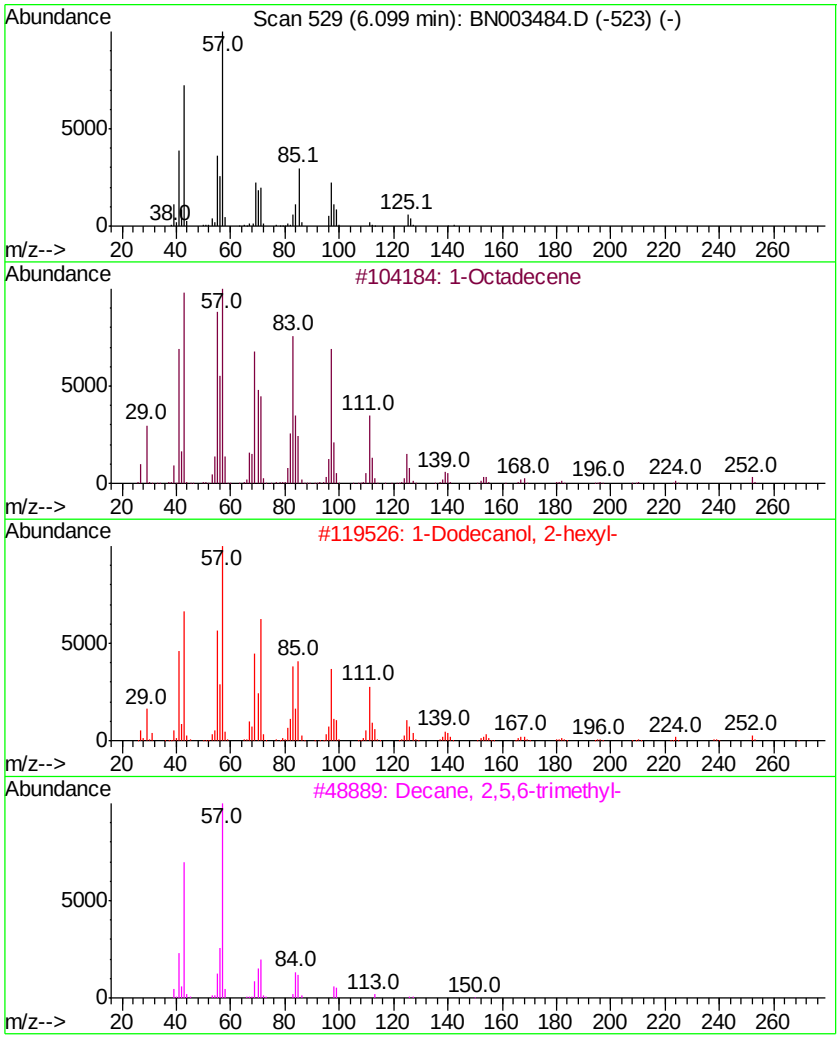
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

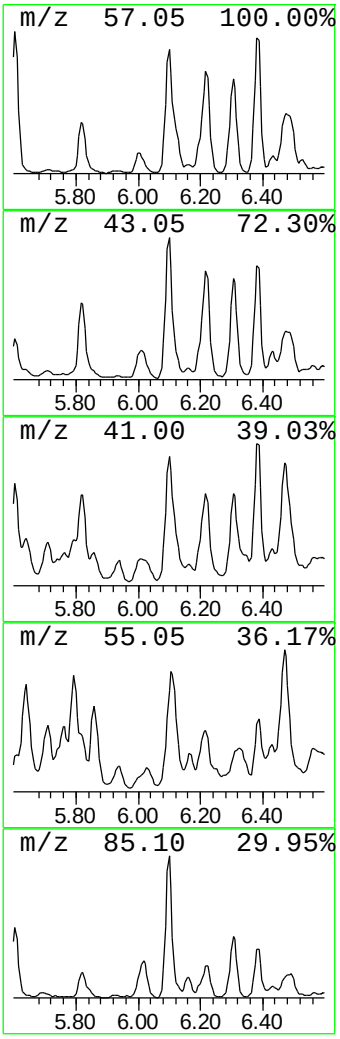
****

Peak Number 2 1-Octadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	14.06 ng	2218840	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	59
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43





Library Search Compound Report

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Acq On : 09 Nov 2018 22:17
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

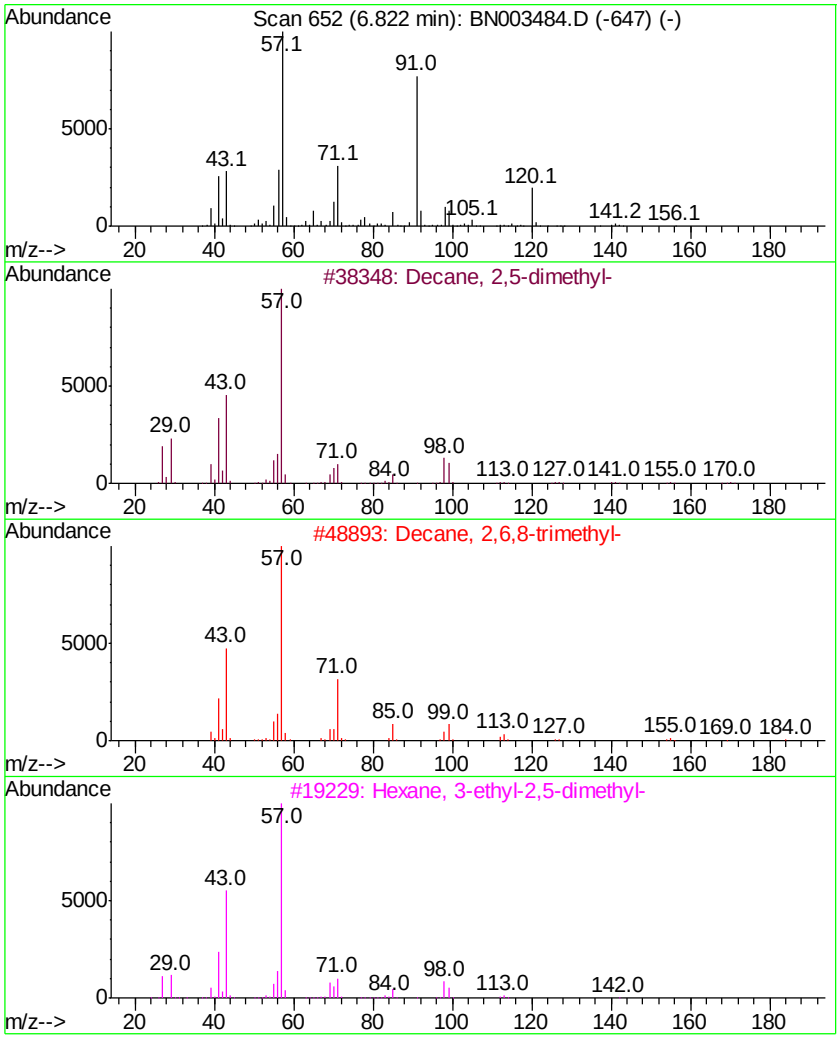
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

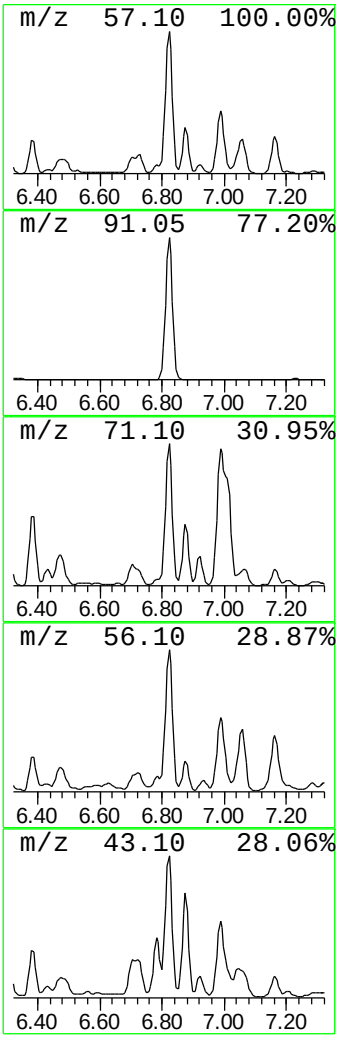
****

Peak Number 3 unknown6.82 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	46.49 ng	7333570	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	38
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	37
5	Benzene, propyl-	120	C9H12	000103-65-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
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Acq On : 09 Nov 2018 22:17
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Misc :
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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

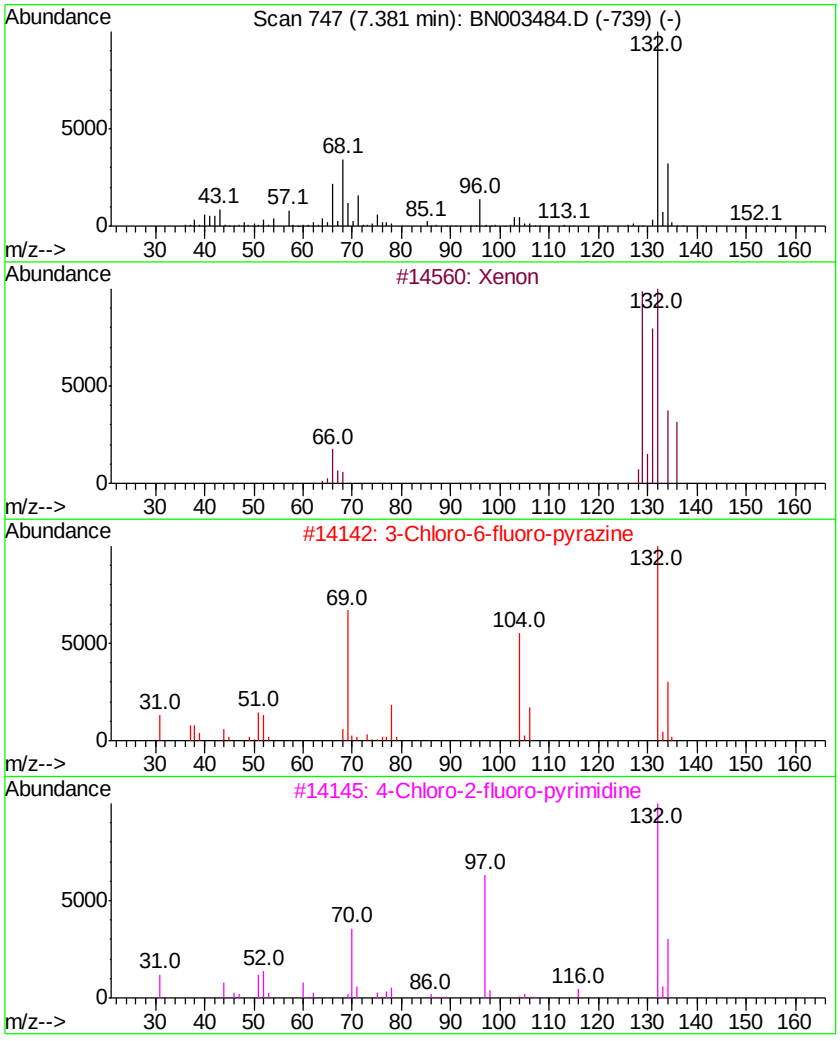
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

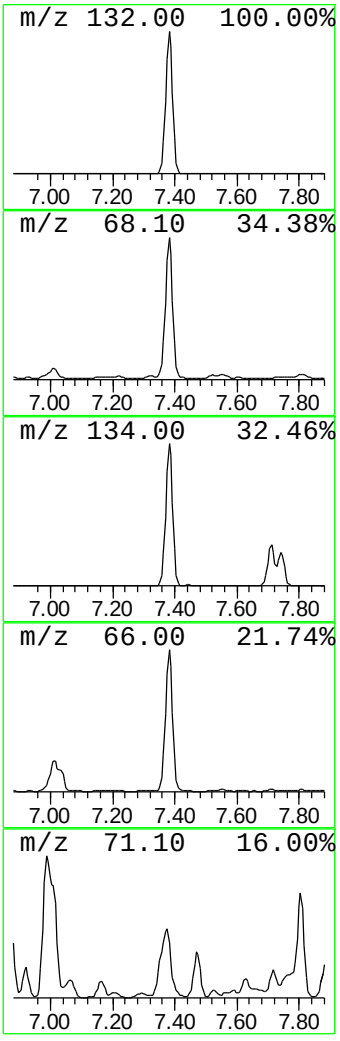
****

Peak Number 4 unknown7.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	34.48 ng	5440210	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

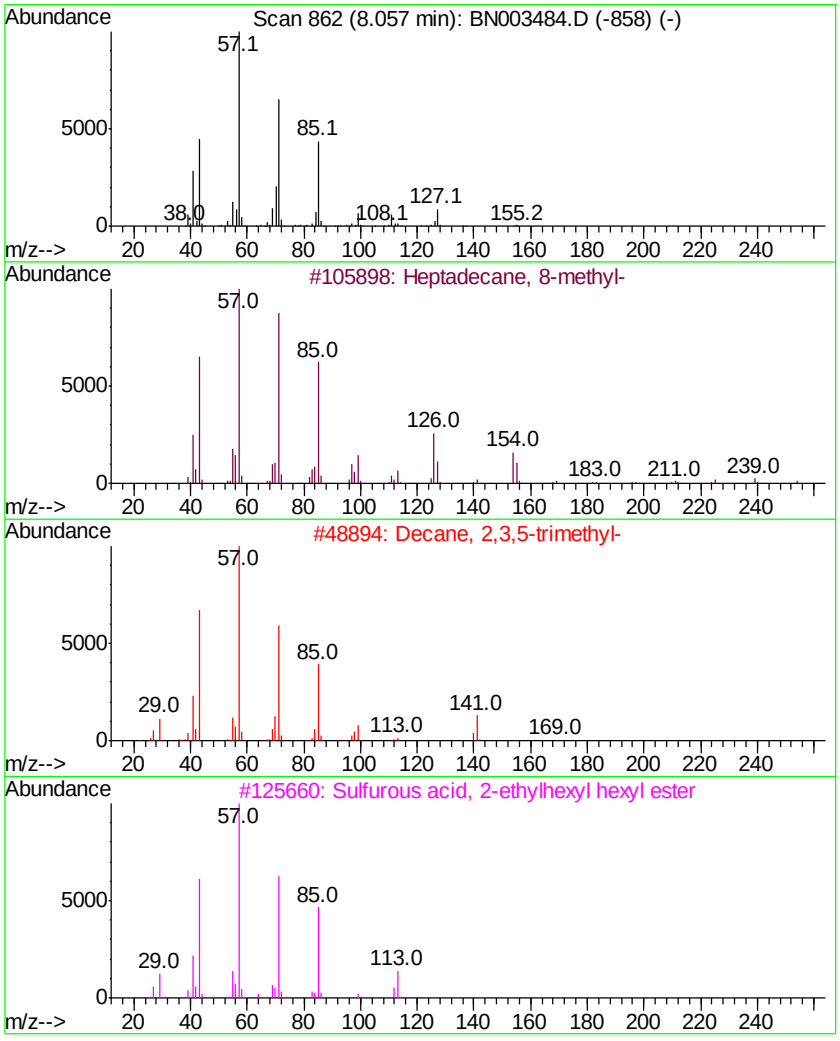
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

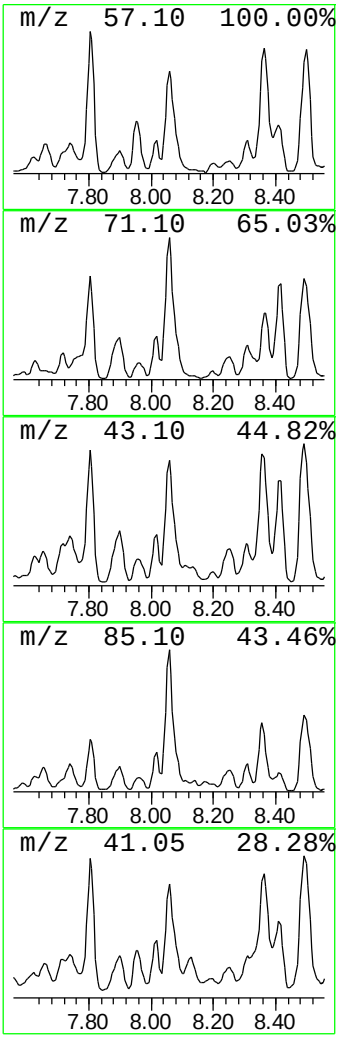
****

Peak Number 5 Heptadecane, 8-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	18.69 ng	2947910	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	64
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59





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Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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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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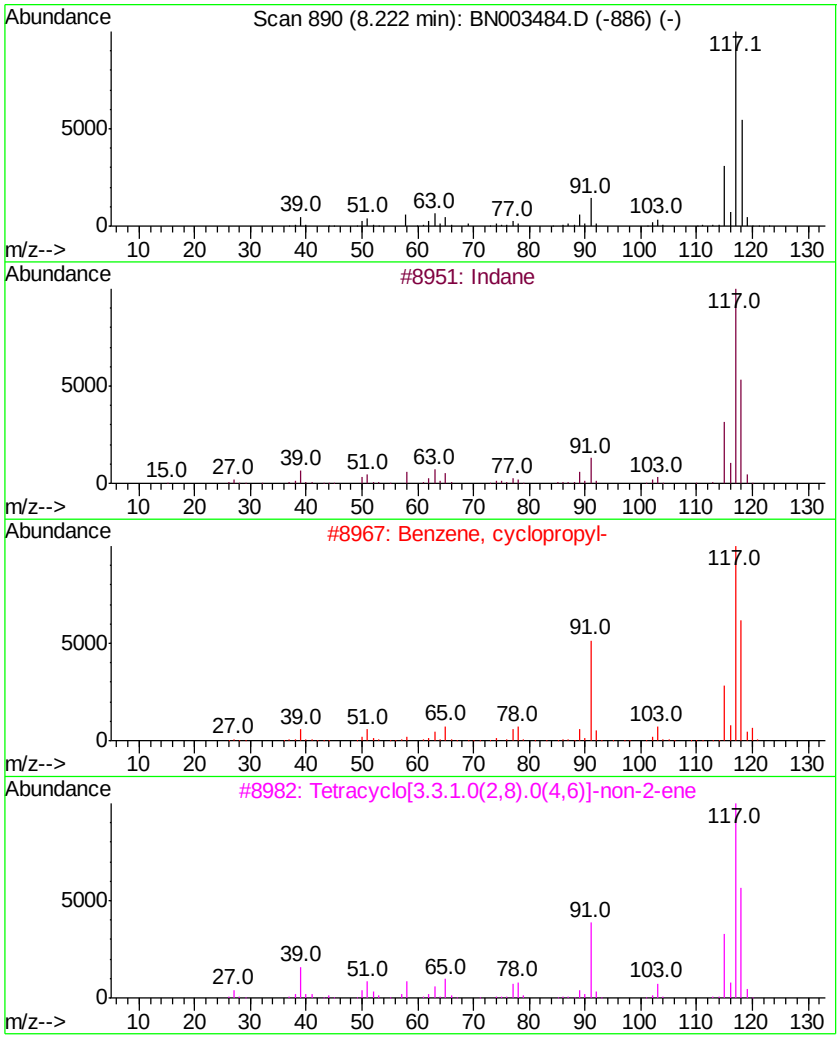
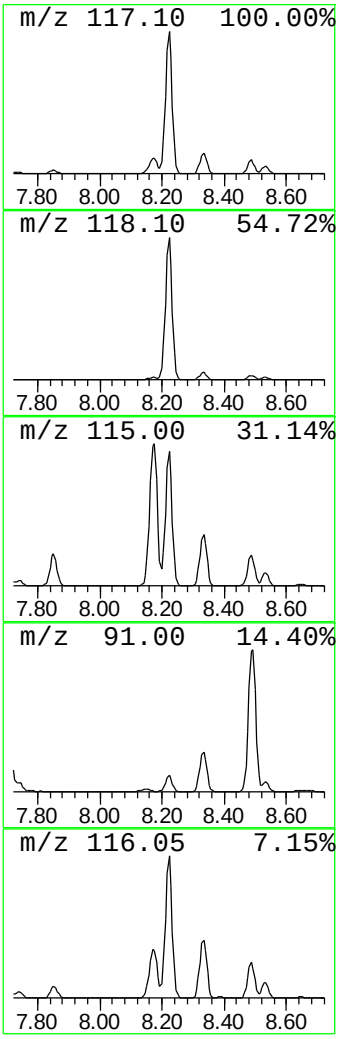
Peak Number 6 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	15.52 ng	2448410	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53





Library Search Compound Report

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ClientSampleId : EP2-SB-109(17-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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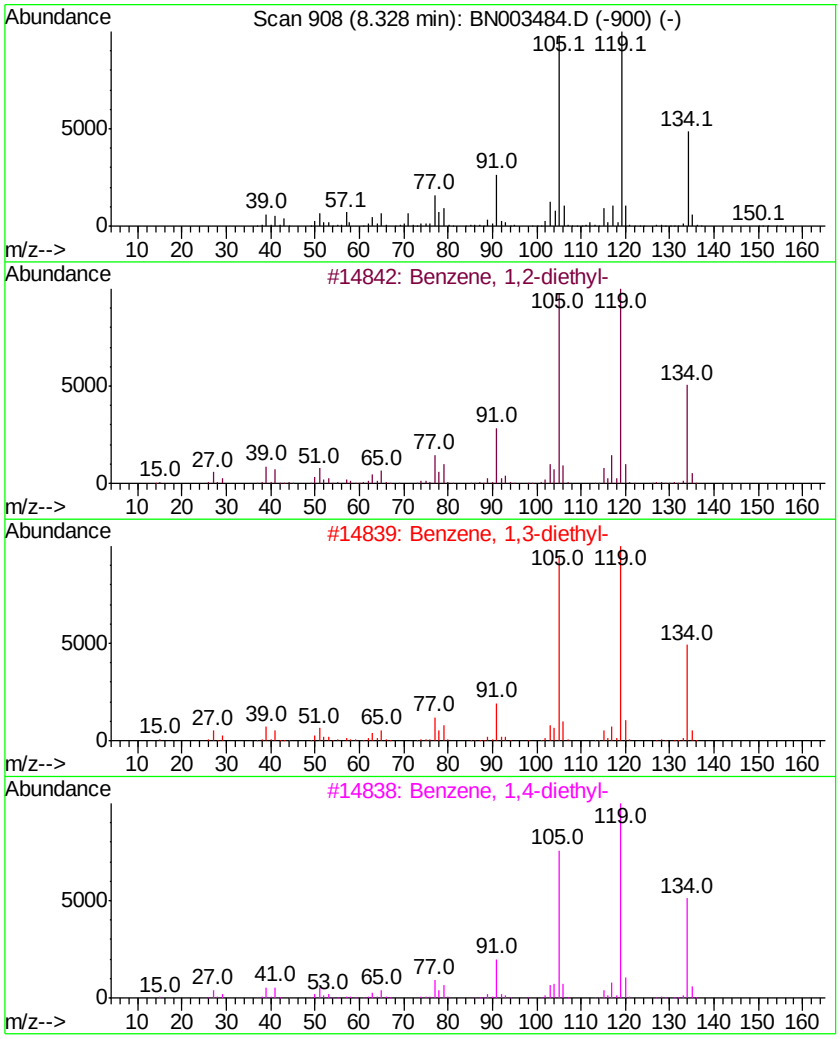
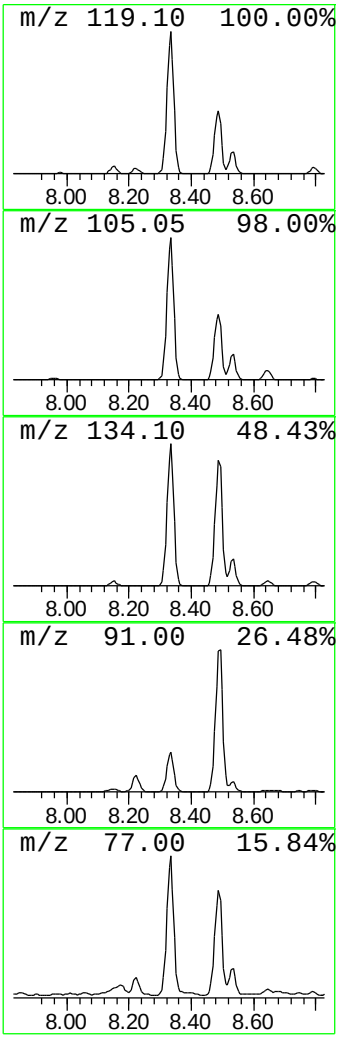
Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	39.41 ng	6217120	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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ClientSampleId : EP2-SB-109(17-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

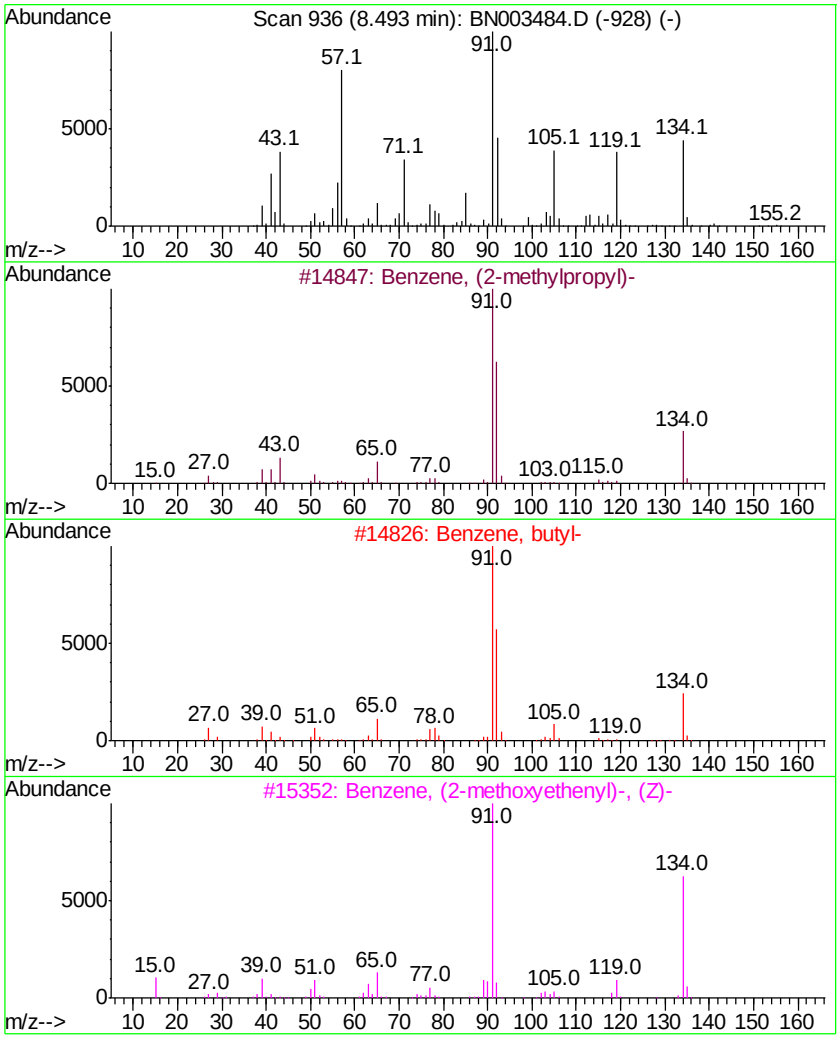
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

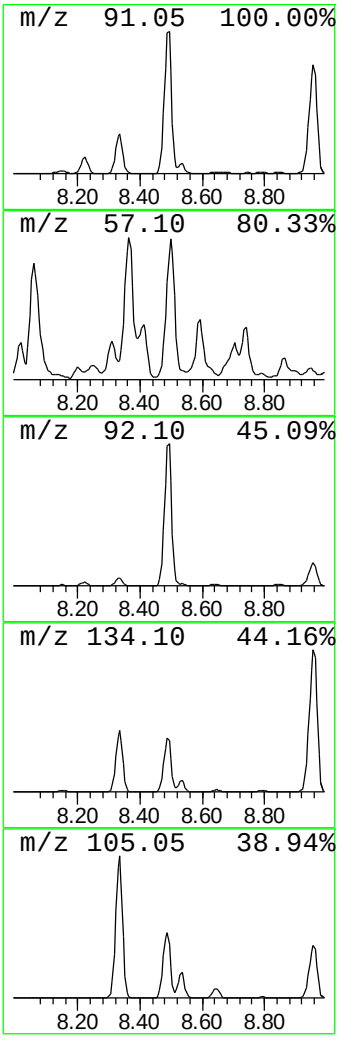
****

Peak Number 8 unknown8.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	54.92 ng	8664850	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	46
2	Benzene, butyl-	134	C10H14	000104-51-8	43
3	Benzene, (2-methoxyethenyl)-, (Z)-	134	C9H10O	014371-19-8	25
4	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	18
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	14





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Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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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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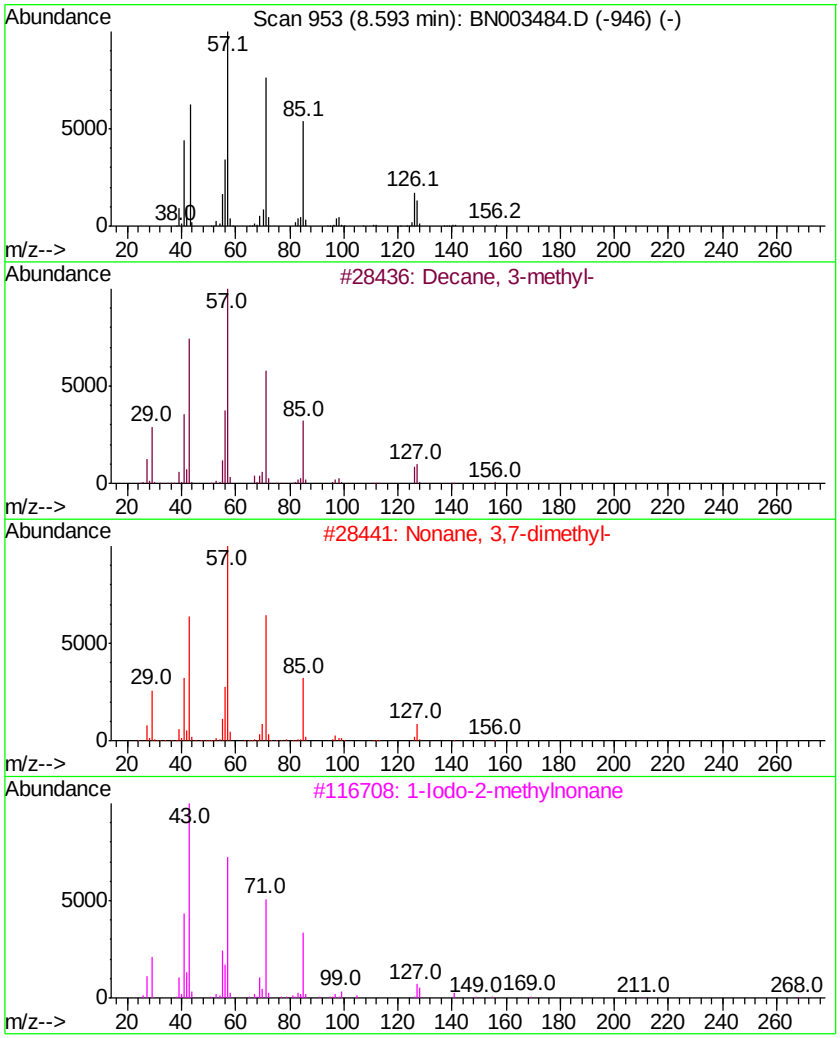
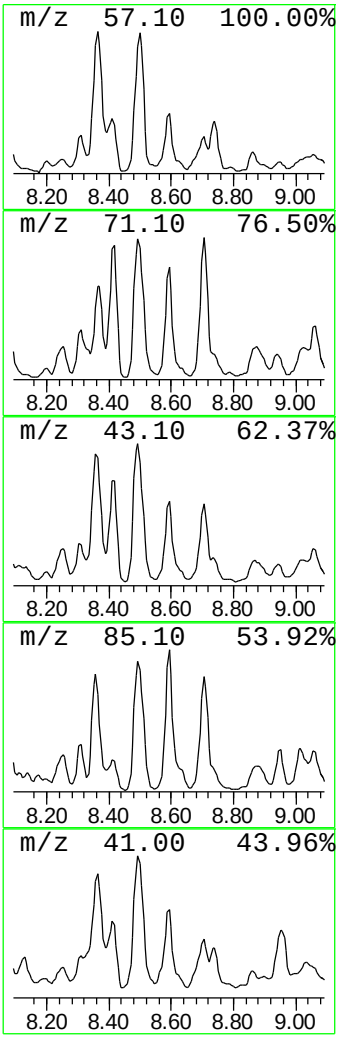
Peak Number 9 Decane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	15.02 ng	2369320	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	64





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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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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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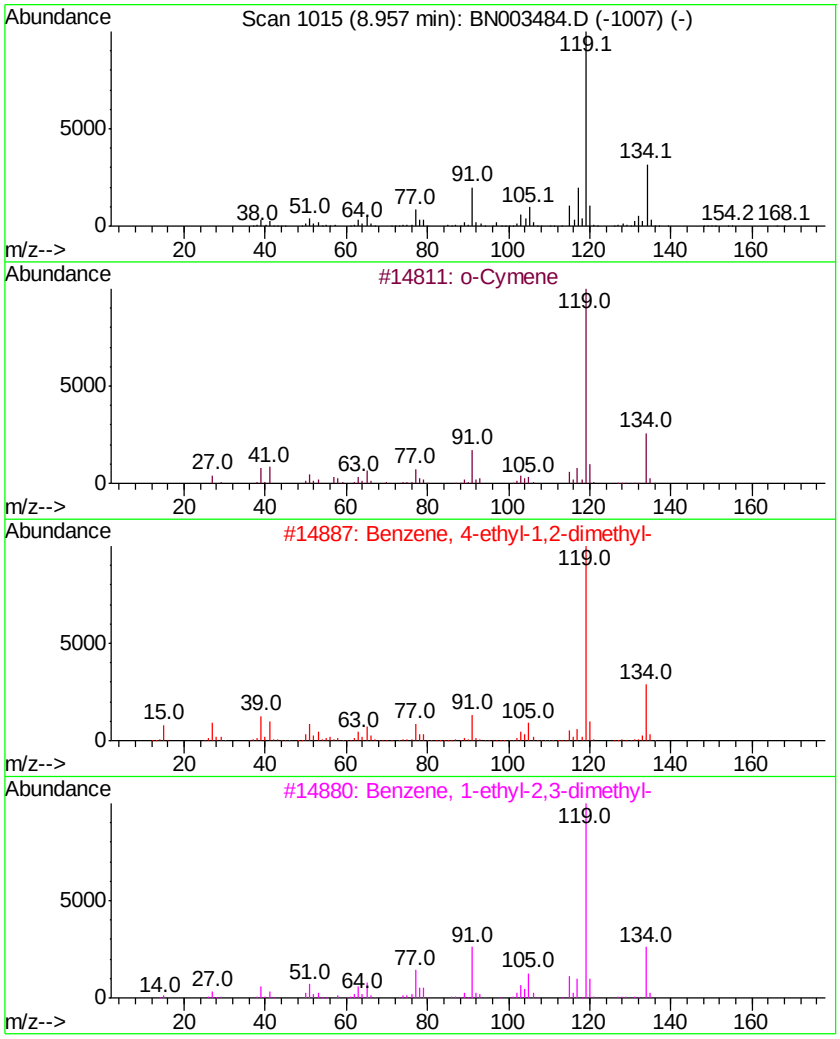
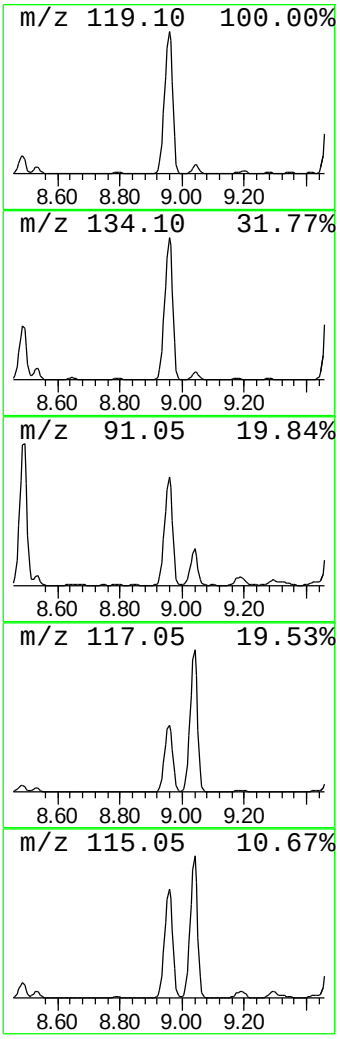
Peak Number 10 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	89.09 ng	14055500	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87





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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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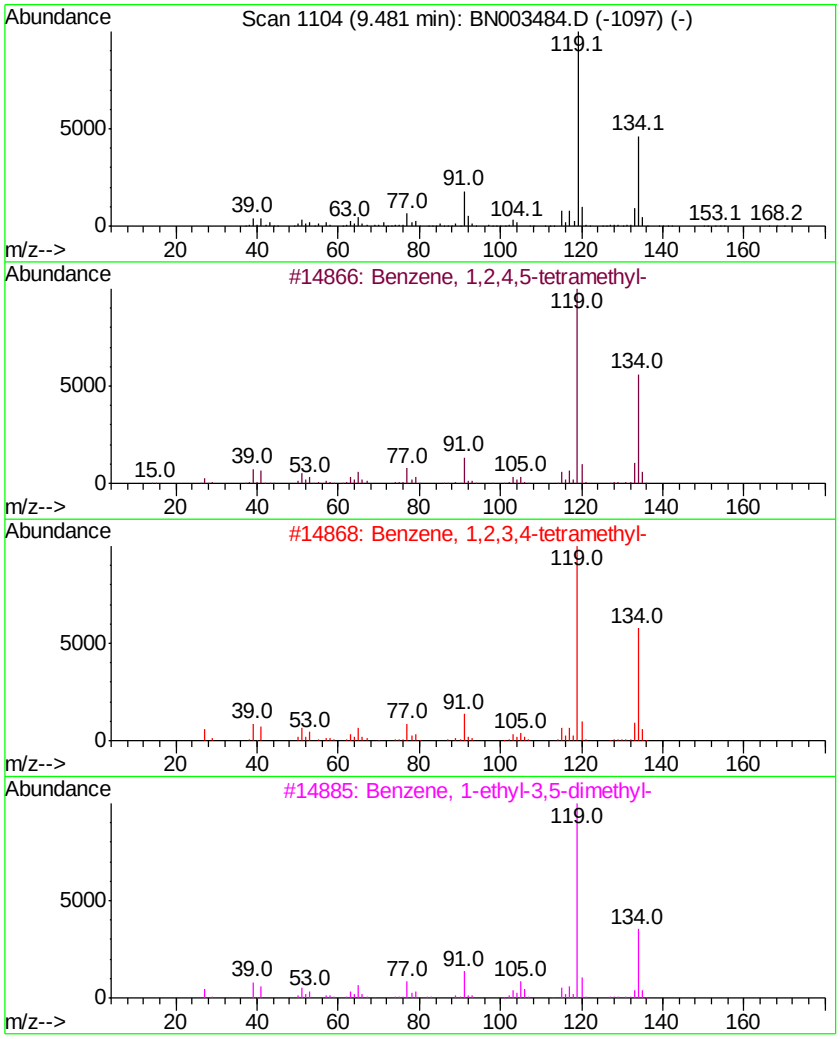
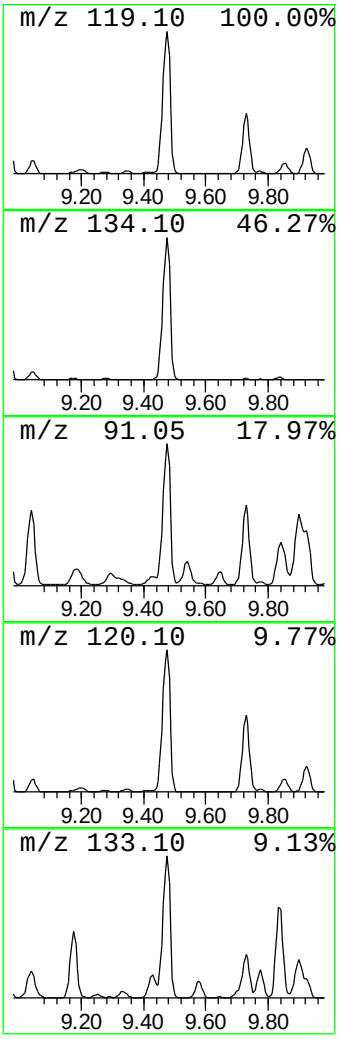
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	13.76 ng	7884920	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Sample : J5860-19
Misc :
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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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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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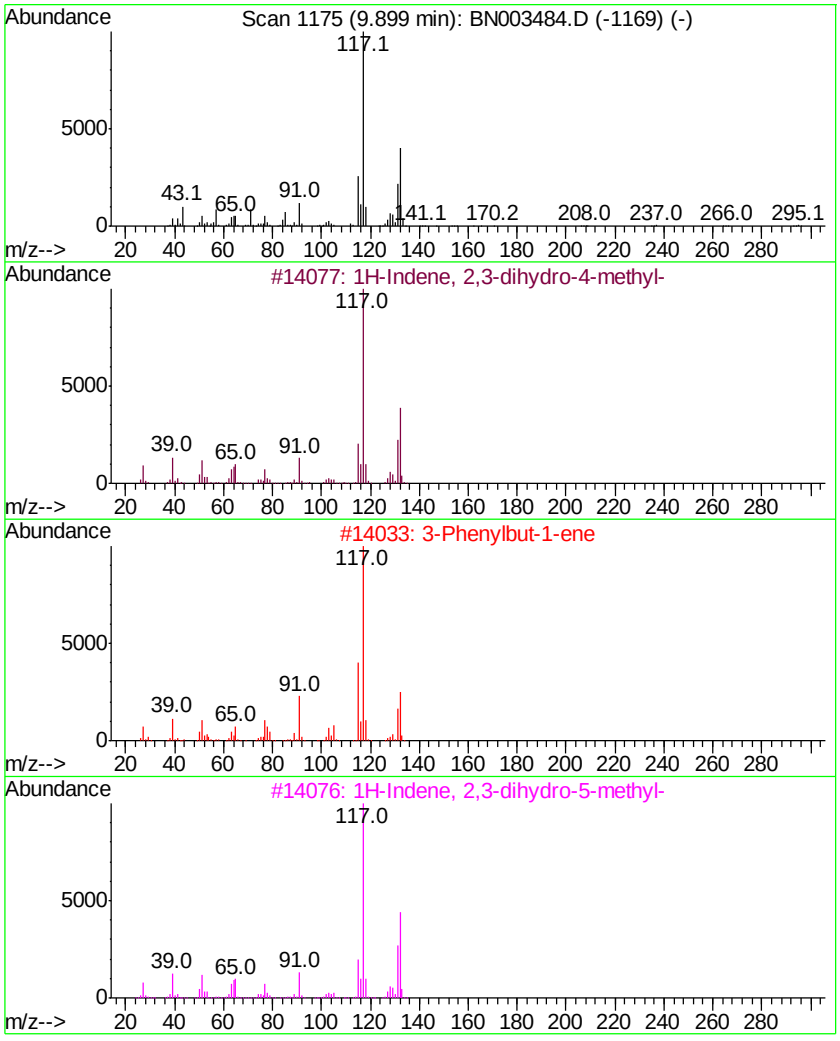
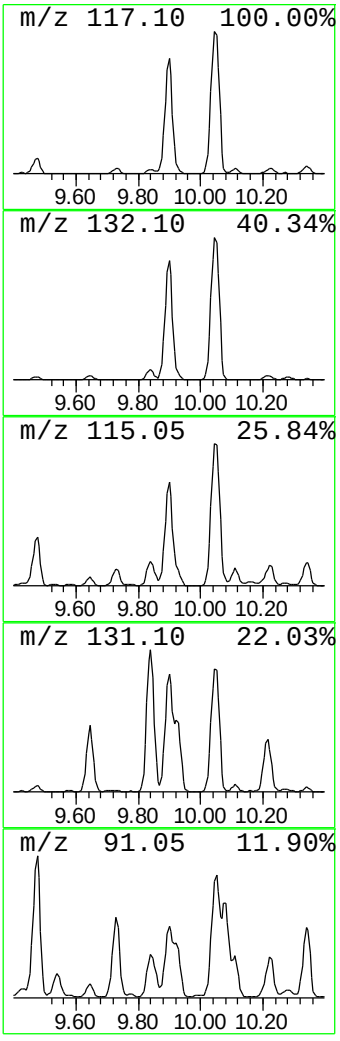
Peak Number 12 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	16.35 ng	9371520	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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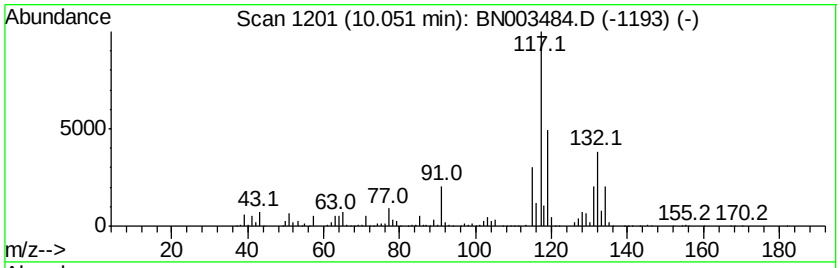
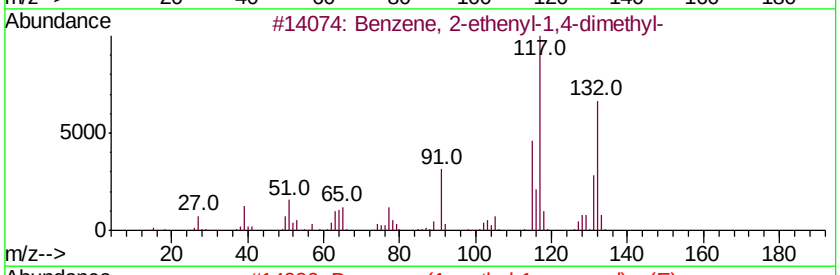
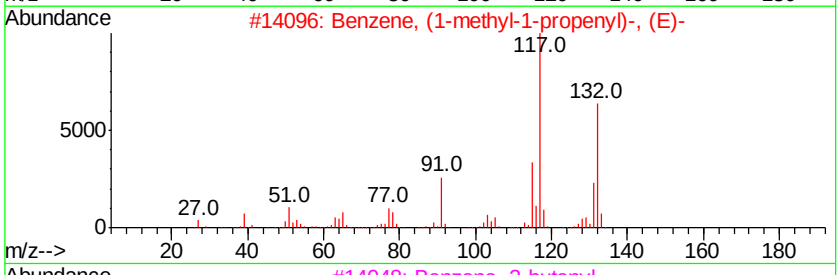
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

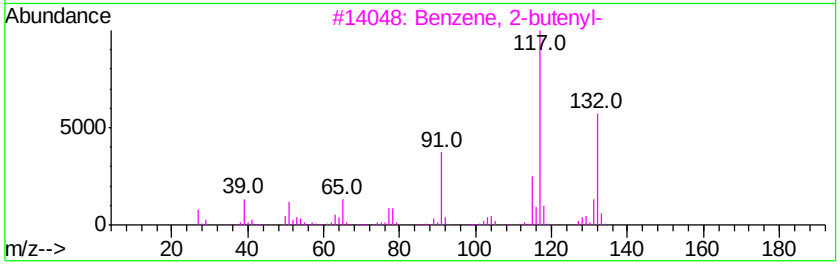
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	22.40 ng	12843000	Naphthalene-d8	10.65

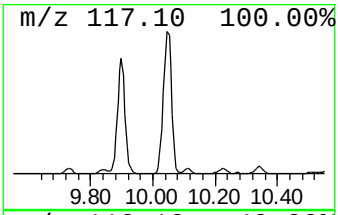
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64

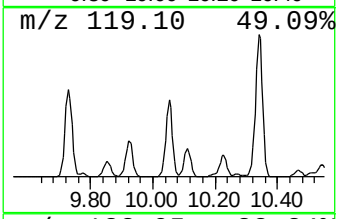


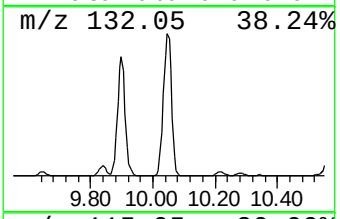


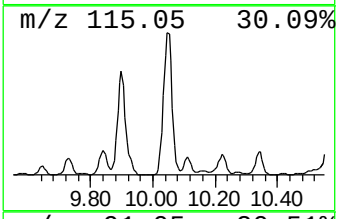


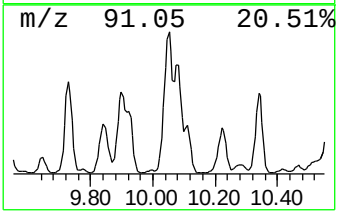












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Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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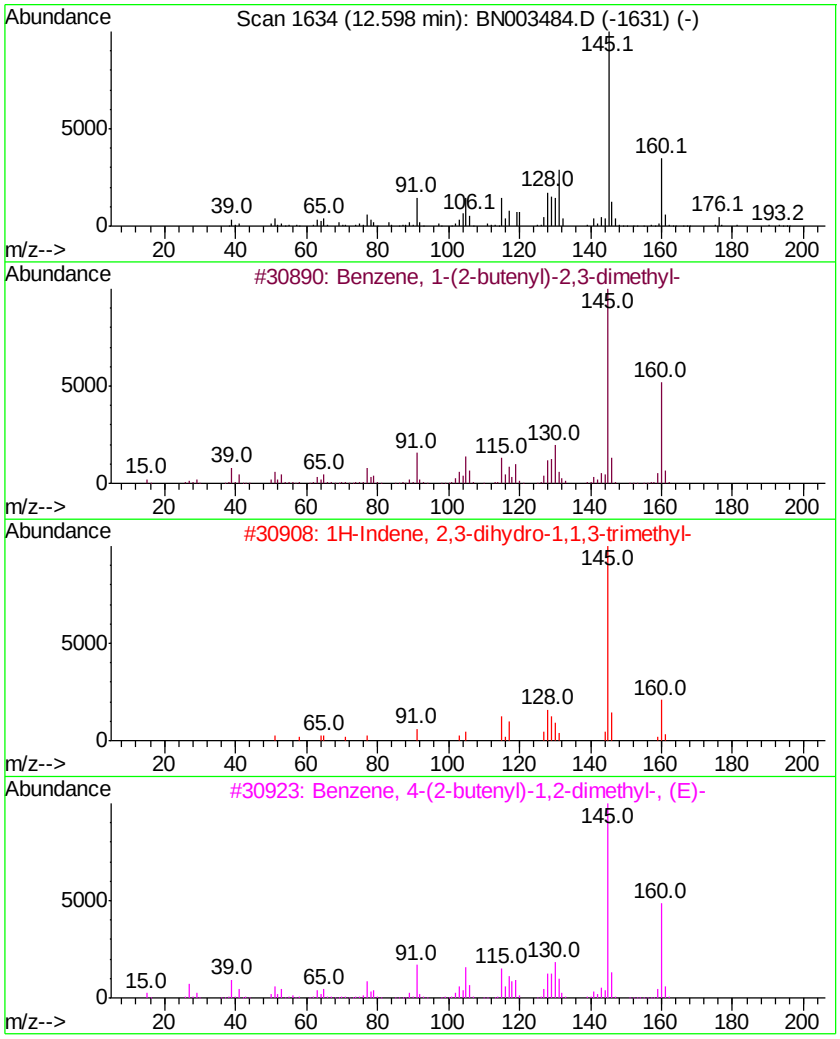
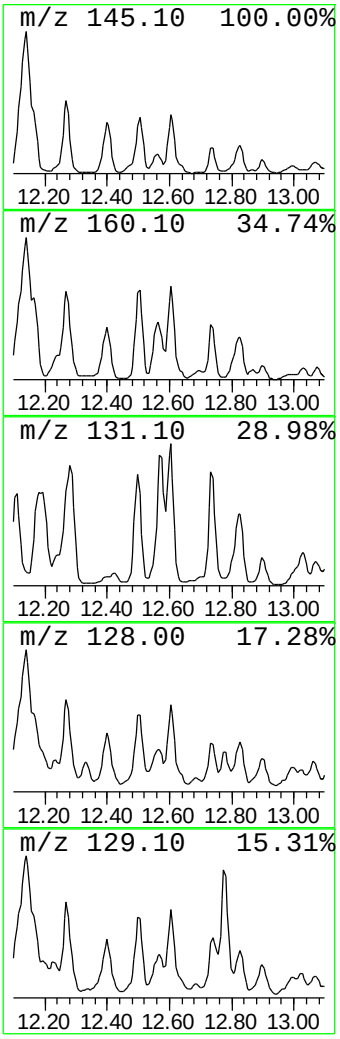
Peak Number 14 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	17.18 ng	1009010	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	95
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83





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Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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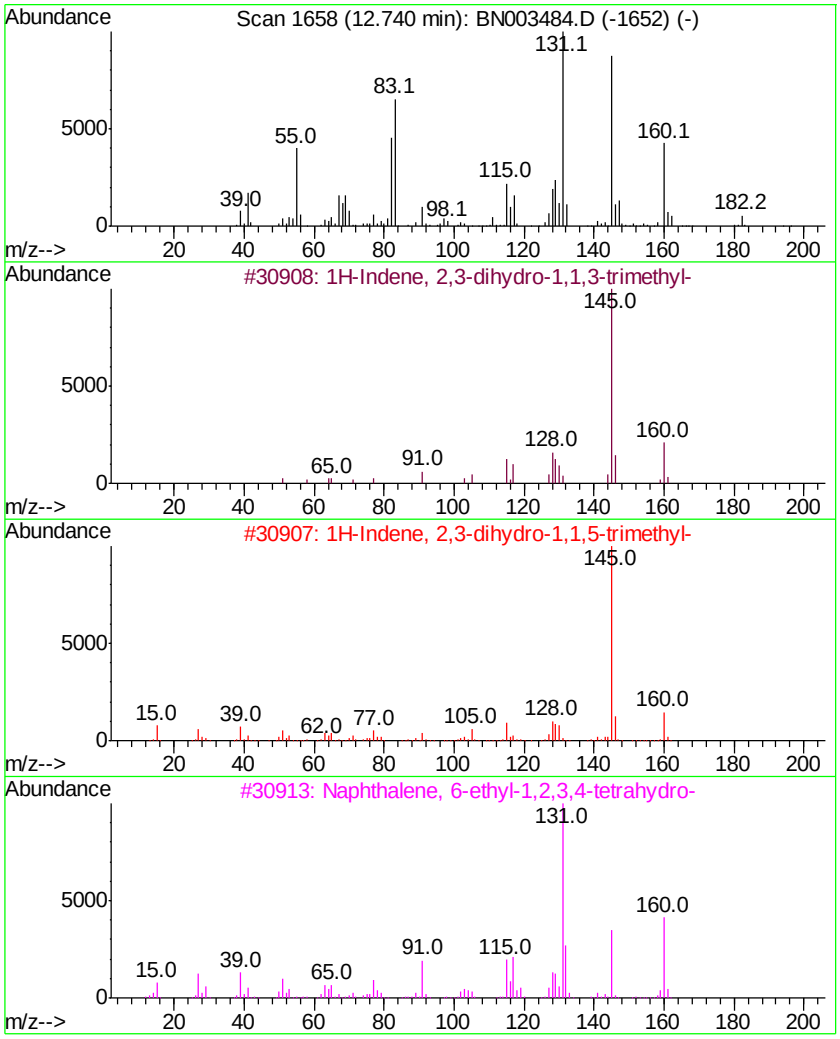
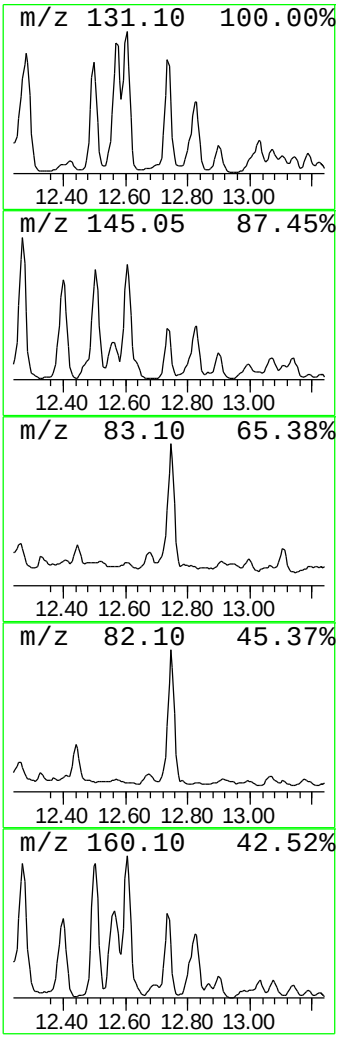
Peak Number 15 unknown12.74 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	14.86 ng	872806	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	46
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	46
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	41
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

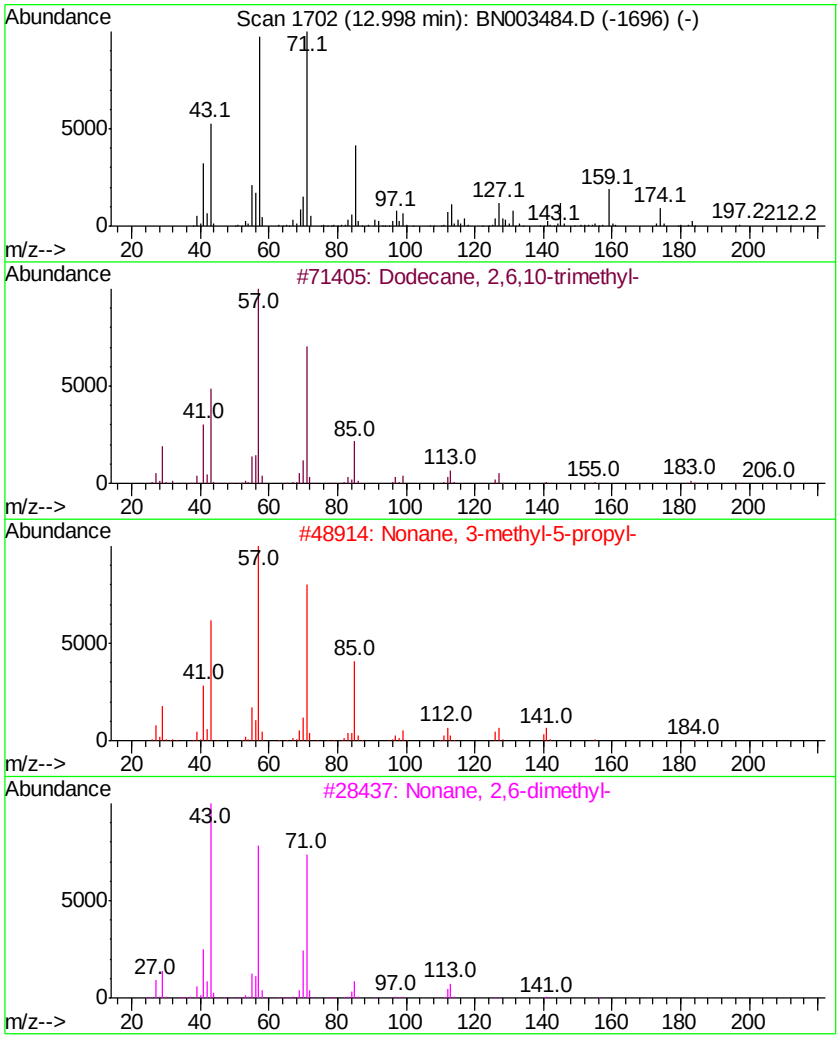
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

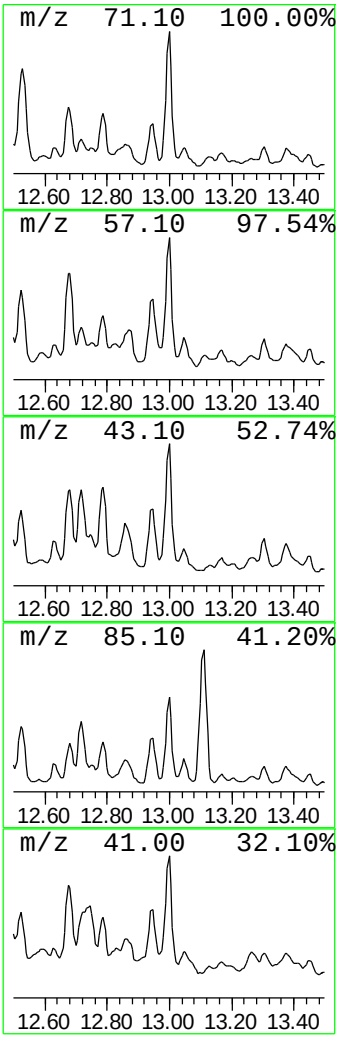
****

Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	15.12 ng	887975	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	52





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Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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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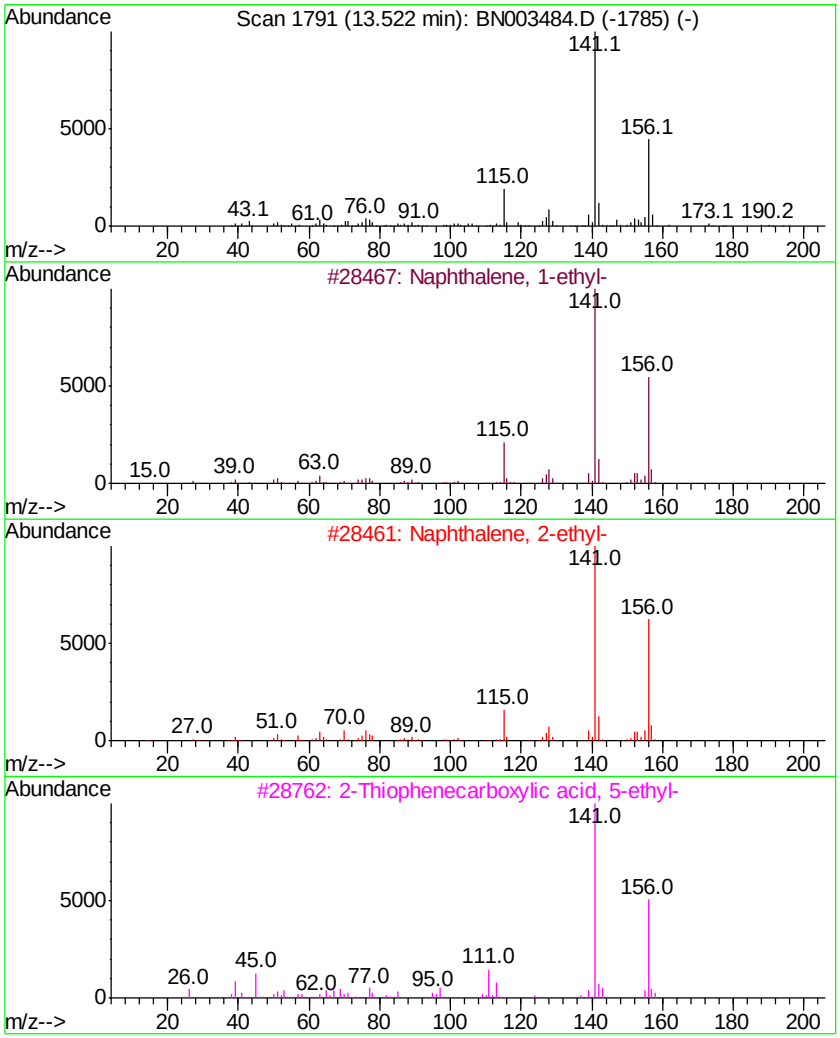
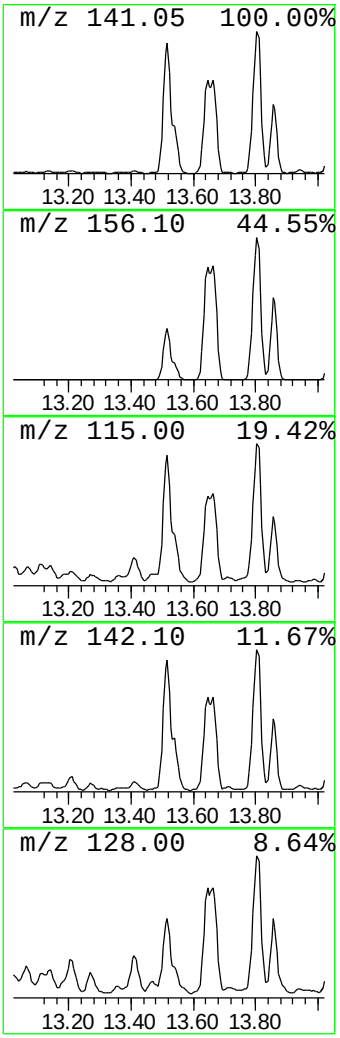
Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	28.44 ng	1670340	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





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Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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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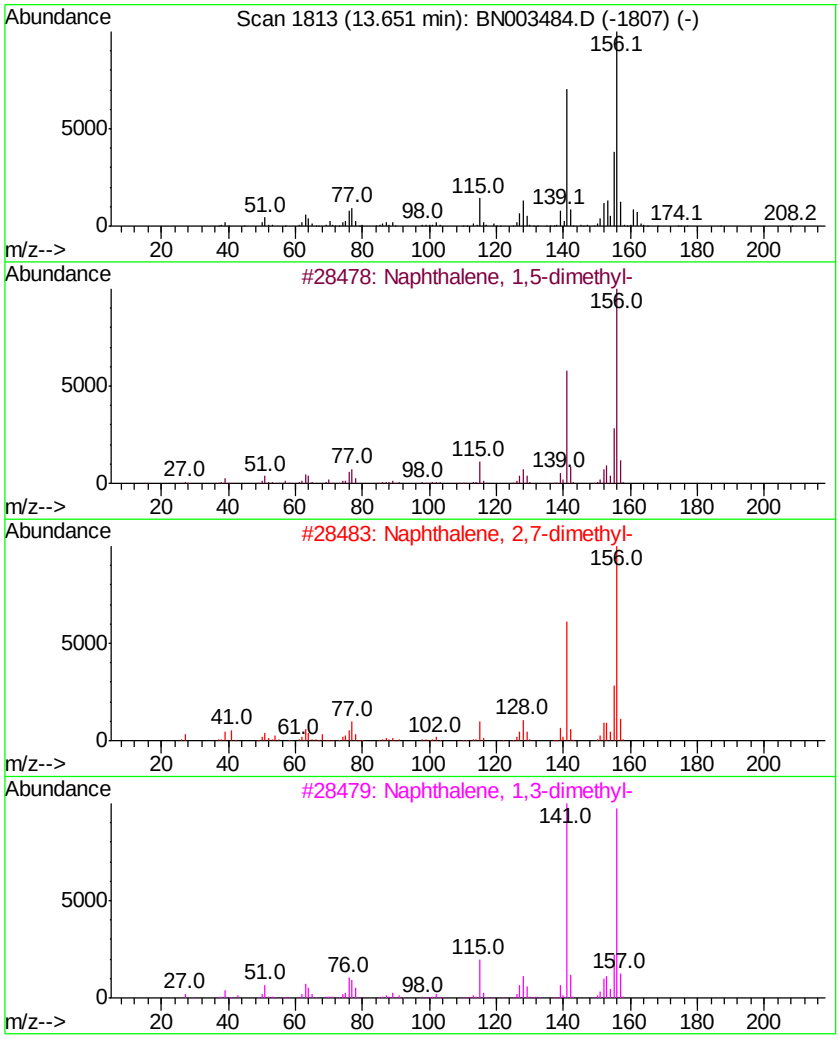
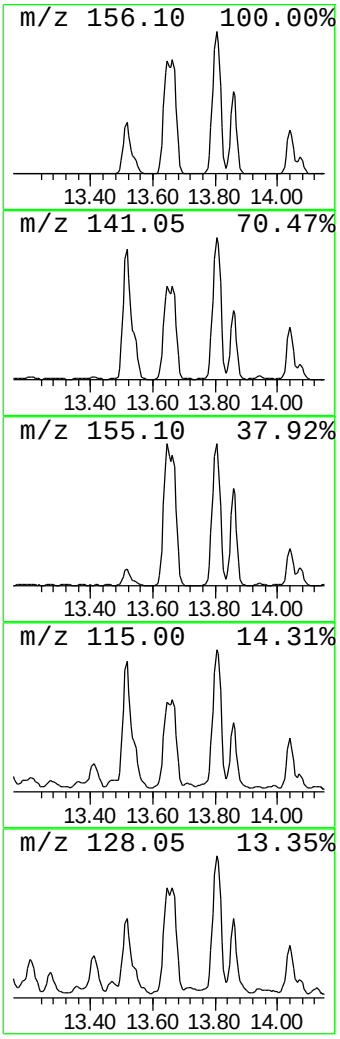
Peak Number 18 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	21.94 ng	1288370	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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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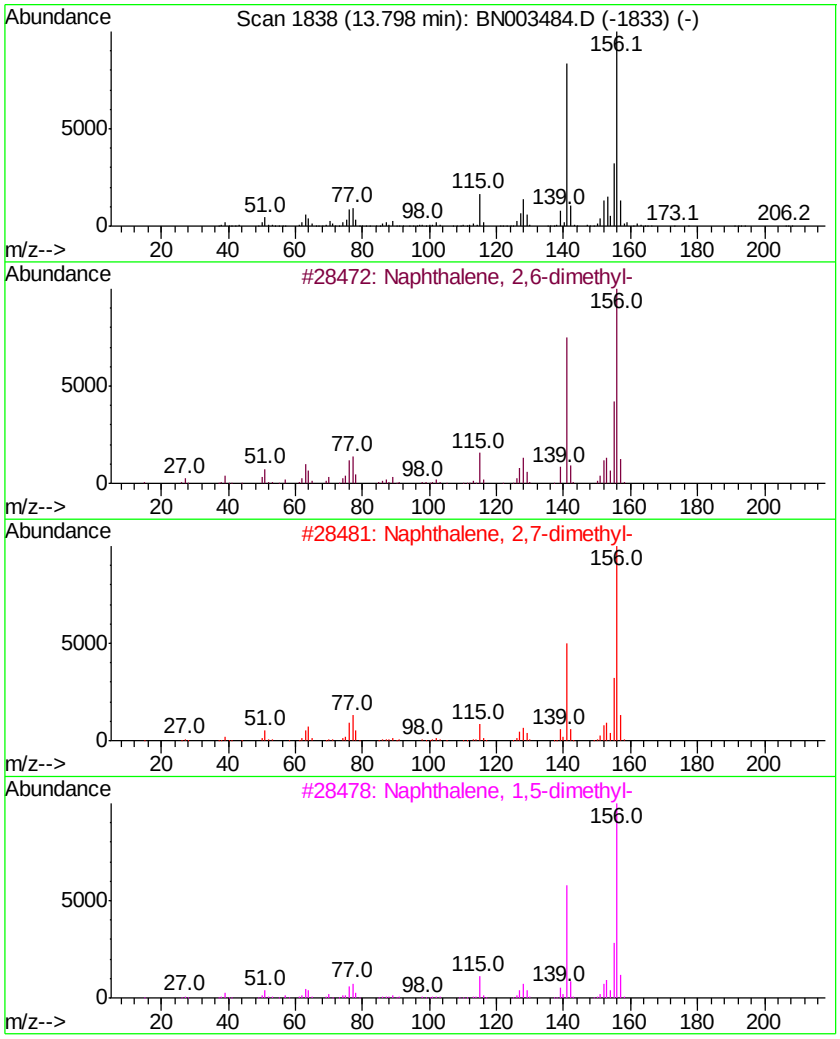
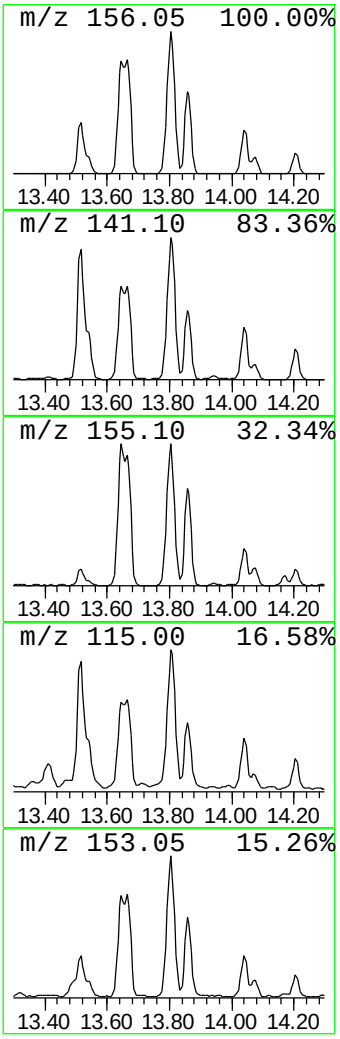
Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	40.45 ng	2375080	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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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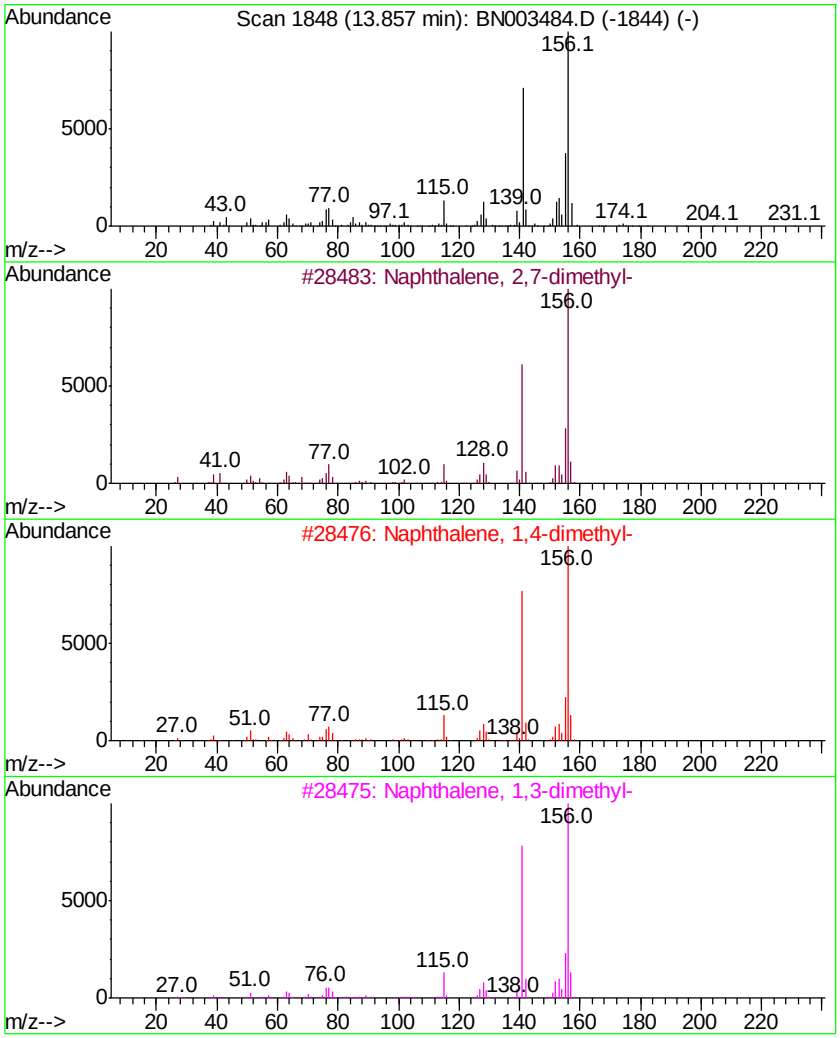
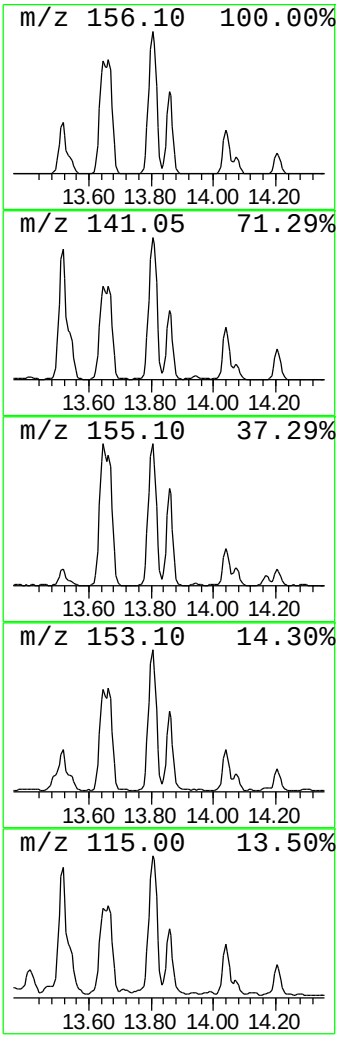
Peak Number 20 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	19.22 ng	1128910	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110918\
Data File : BN003484.D
Acq On : 09 Nov 2018 22:17
Operator : MJ/SJ
Sample : J5860-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-109(17-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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
Hexane, 2,2,4-tri...	4.13	16.1	ng	2542090	1	7.85	3155190	20.0
1-Octadecene	6.10	14.1	ng	2218840	1	7.85	3155190	20.0
unknown6.82	6.82	46.5	ng	7333570	1	7.85	3155190	20.0
unknown7.38	7.38	34.5	ng	5440210	1	7.85	3155190	20.0
Heptadecane, 8-me...	8.06	18.7	ng	2947910	1	7.85	3155190	20.0
Indane	8.22	15.5	ng	2448410	1	7.85	3155190	20.0
Benzene, 1,2-diet...	8.33	39.4	ng	6217120	1	7.85	3155190	20.0
unknown8.49	8.49	54.9	ng	8664850	1	7.85	3155190	20.0
Decane, 3-methyl-	8.59	15.0	ng	2369320	1	7.85	3155190	20.0
o-Cymene	8.96	89.1	ng	14055500	1	7.85	3155190	20.0
Benzene, 1,2,4,5-...	9.48	13.8	ng	7884920	2	10.65	11464700	20.0
1H-Indene, 2,3-di...	9.90	16.4	ng	9371520	2	10.65	11464700	20.0
Benzene, 2-etheny...	10.05	22.4	ng	12843000	2	10.65	11464700	20.0
Benzene, 1-(2-but...	12.60	17.2	ng	1009010	3	14.49	1174450	20.0
unknown12.74	12.74	14.9	ng	872806	3	14.49	1174450	20.0
Dodecane, 2,6,10-...	13.00	15.1	ng	887975	3	14.49	1174450	20.0
Naphthalene, 1-et...	13.52	28.4	ng	1670340	3	14.49	1174450	20.0
Naphthalene, 1,5-...	13.65	21.9	ng	1288370	3	14.49	1174450	20.0
Naphthalene, 2,6-...	13.80	40.5	ng	2375080	3	14.49	1174450	20.0
Naphthalene, 2,7-...	13.86	19.2	ng	1128910	3	14.49	1174450	20.0