LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

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:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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	3.211	32	38	52	rBV	5530670	11278344	32.45%	2.448%
2	3.317	52	56	67	rVB	4166988	6347904	18.26%	1.378%
3	3.581	93	101	103	rBV3	296312	640368	1.84%	0.139%
4	3.734	123	127	135	rVB	272930	416238	1.20%	0.090%
5	3.928	154	160	171	rVB	1523563	2551704	7.34%	0.554%
6	4.217	199	209	214	rBV2	1199775	2453608	7.06%	0.533%
7	4.287	218	221	227	rVV	345981	507280	1.46%	0.110%
8	4.452	242	249	253	rBV	860462	1451394	4.18%	0.315%
9	4.493	253	256	265	rVB	538340	816454	2.35%	0.177%
10	4.770	298	303	308	rBV	869686	1580181	4.55%	0.343%
11	5.305	386	394	403	rBV2	369886	947854	2.73%	0.206%
12	5.493	422	426	431	rBV	542066	879654	2.53%	0.191%
13	5.552	431	436	442	rVB	594359	1075679	3.09%	0.233%
14	5.875	482	491	497	rBV	14052325	23318411	67.09%	5.061%
15	5.934	497	501	509	rVB	4258288	6637280	19.10%	1.441%
16	6.011	509	514	525	rBV	804021	2075458	5.97%	0.450%
17	6.405	576	581	590	rVB2	312854	695971	2.00%	0.151%
18	6.516	597	600	609	rVB2	217227	392695	1.13%	0.085%
19	6.899	656	665	678	rBV	3039073	5055435	14.55%	1.097%
20	7.411	745	752	762	rBV	6597319	10613667	30.54%	2.304%
21	7.581	774	781	789	rBV	3871275	6282206	18.07%	1.363%
22	7.828	811	823	832	rBV	3033364	5205392	14.98%	1.130%
23	7.975	841	848	856	rBV	8754441	14803010	42.59%	3.213%
24	8.093	863	868	875	rVB	944453	1505447	4.33%	0.327%
25	8.322	901	907	909	rBV	402041	616817	1.77%	0.134%
26	8.352	909	912	918	rVB	611022	923974	2.66%	0.201%
27	8.458	923	930	940	rBV2	2277725	4369786	12.57%	0.948%
28	8.575	940	950	957	rVB3	1228615	2802588	8.06%	0.608%
29	8.728	963	976	980	rBV	1648579	4102131	11.80%	0.890%
30	8.793	980	987	991	rVV	8213175	14872678	42.79%	3.228%
31	8.846	991	996	1003	rVV	18585221	31322443	90.12%	6.798%
32	8.952	1007	1014	1020	rVB	4347232	6726229	19.35%	1.460%
33	9.105	1032	1040	1045	rBV2	3122195	5153327	14.83%	1.118%
34	9.158	1045	1049	1057	rVB	1019644	1621054	4.66%	0.352%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

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:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.269	1061	1068	1077	rVB2	730759	1252125	3.60%	0.272%
36	9.422	1077	1094	1098	rBV2	1733960	3858813	11.10%	0.837%
37	9.475	1098	1103	1107	rBV3	818593	1219935	3.51%	0.265%
38	9.534	1108	1113	1115	rBV	999298	1571825	4.52%	0.341%
39	9.575	1115	1120	1126	rVB2	8916110	14905578	42.89%	3.235%
40	9.640	1126	1131	1134	rBV	6816388	13223978	38.05%	2.870%
41	9.740	1143	1148	1156	rVB2	310187	540680	1.56%	0.117%
42	9.828	1156	1163	1169	rVB4	361300	820330	2.36%	0.178%
43	9.916	1170	1178	1184	rBV3	322121	808817	2.33%	0.176%
44	10.105	1203	1210	1215	rBV	5552716	8669147	24.94%	1.881%
45	10.163	1215	1220	1226	rVB	1468951	2410390	6.94%	0.523%
46	10.234	1226	1232	1235	rBV4	337537	629820	1.81%	0.137%
47	10.275	1235	1239	1246	rVB3	516048	963852	2.77%	0.209%
48	10.363	1247	1254	1258	rBV	430376	685166	1.97%	0.149%
49	10.475	1268	1273	1277	rBV4	335622	600812	1.73%	0.130%
50	10.534	1277	1283	1295	rVB	4966902	8664914	24.93%	1.881%
51	10.687	1302	1309	1316	rVV	10000003	17716456	50.97%	3.845%
52	10.746	1316	1319	1324	rVV2	632871	1113588	3.20%	0.242%
53	10.799	1324	1328	1331	rVV	352895	725074	2.09%	0.157%
54	10.863	1335	1339	1343	rVV	469714	794969	2.29%	0.173%
55	10.928	1343	1350	1355	rVV	1133185	2123673	6.11%	0.461%
56	10.981	1355	1359	1367	rVB	537835	896119	2.58%	0.194%
57	11.157	1380	1389	1393	rBV3	221518	676563	1.95%	0.147%
58	11.299	1399	1413	1417	rBV2	3518689	8786908	25.28%	1.907%
59	11.352	1417	1422	1427	rVV	7931527	13921110	40.05%	3.021%
60	11.399	1427	1430	1438	rVB	803604	1328094	3.82%	0.288%
61	11.499	1439	1447	1452	rBV	494609	845307	2.43%	0.183%
62	11.763	1487	1492	1504	rBV5	183726	593520	1.71%	0.129%
63	11.875	1505	1511	1514	rBV2	263330	523394	1.51%	0.114%
64	11.946	1519	1523	1536	rVB	699227	1277101	3.67%	0.277%
65	12.193	1559	1565	1574	rVB	900789	1471722	4.23%	0.319%
66	12.281	1574	1580	1588	rBV6	275012	619468	1.78%	0.134%
67	12.381	1591	1597	1606	rVV3	661049	1356517	3.90%	0.294%
68	12.463	1606	1611	1624	rVB3	435234	1013975	2.92%	0.220%
69	12.587	1627	1632	1637	rVB	428220	632720	1.82%	0.137%
70	12.651	1637	1643	1651	rBV2	1065638	1866212	5.37%	0.405%
71	12.822	1666	1672	1678	rVB2	581852	1070795	3.08%	0.232%

LSC Area Percent Report

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Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

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:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.922	1678	1689	1695	rBV	2223076	3890188	11.19%	0.844%
73	13.140	1716	1726	1732	rBV	3728872	6768449	19.47%	1.469%
74	13.210	1733	1738	1746	rVV8	416339	1174837	3.38%	0.255%
75	13.287	1747	1751	1756	rVV2	207627	372780	1.07%	0.081%
76	13.540	1790	1794	1804	rVB5	342785	637581	1.83%	0.138%
77	13.698	1814	1821	1828	rVB	19082653	29117668	83.78%	6.319%
78	14.040	1875	1879	1887	rVB3	298430	564186	1.62%	0.122%
79	14.234	1908	1912	1914	rBV2	272665	392255	1.13%	0.085%
80	14.393	1933	1939	1944	rBV3	391721	731090	2.10%	0.159%
81	14.504	1953	1958	1965	rVB	951772	1444533	4.16%	0.314%
82	14.657	1981	1984	1989	rVB2	298021	410105	1.18%	0.089%
83	14.928	2026	2030	2035	rBV	423037	547525	1.58%	0.119%
84	15.069	2048	2054	2061	rVB2	5538352	8568341	24.65%	1.860%
85	15.228	2074	2081	2092	rBV	1461459	2906259	8.36%	0.631%
86	15.528	2127	2132	2142	rBV	742386	1418770	4.08%	0.308%
87	15.828	2179	2183	2187	rBV2	272903	568101	1.63%	0.123%
88	15.869	2187	2190	2195	rVV	490311	612141	1.76%	0.133%
89	15.928	2195	2200	2213	rVV2	1129067	2113421	6.08%	0.459%
90	16.540	2297	2304	2314	rBV	13032071	20113709	57.87%	4.365%
91	16.722	2331	2335	2338	rBV	337305	482845	1.39%	0.105%
92	16.751	2338	2340	2352	rVB3	333909	627643	1.81%	0.136%
93	17.510	2465	2469	2474	rBV	307469	432046	1.24%	0.094%
94	17.787	2510	2516	2522	rVB2	6627545	9448740	27.19%	2.051%
95	18.634	2655	2660	2666	rBV	3034717	4469815	12.86%	0.970%
96	19.881	2868	2872	2887	rBV	1460974	2289458	6.59%	0.497%
97	20.345	2945	2951	2962	rBV	25406223	34756557	100.00%	7.543%
98	21.569	3155	3159	3175	rBV	2022013	3298183	9.49%	0.716%
99	21.898	3210	3215	3225	rVB2	8026910	10952189	31.51%	2.377%
100	24.380	3629	3637	3649	rVB2	5723766	11429687	32.88%	2.481%

Sum of corrected areas: 460761230

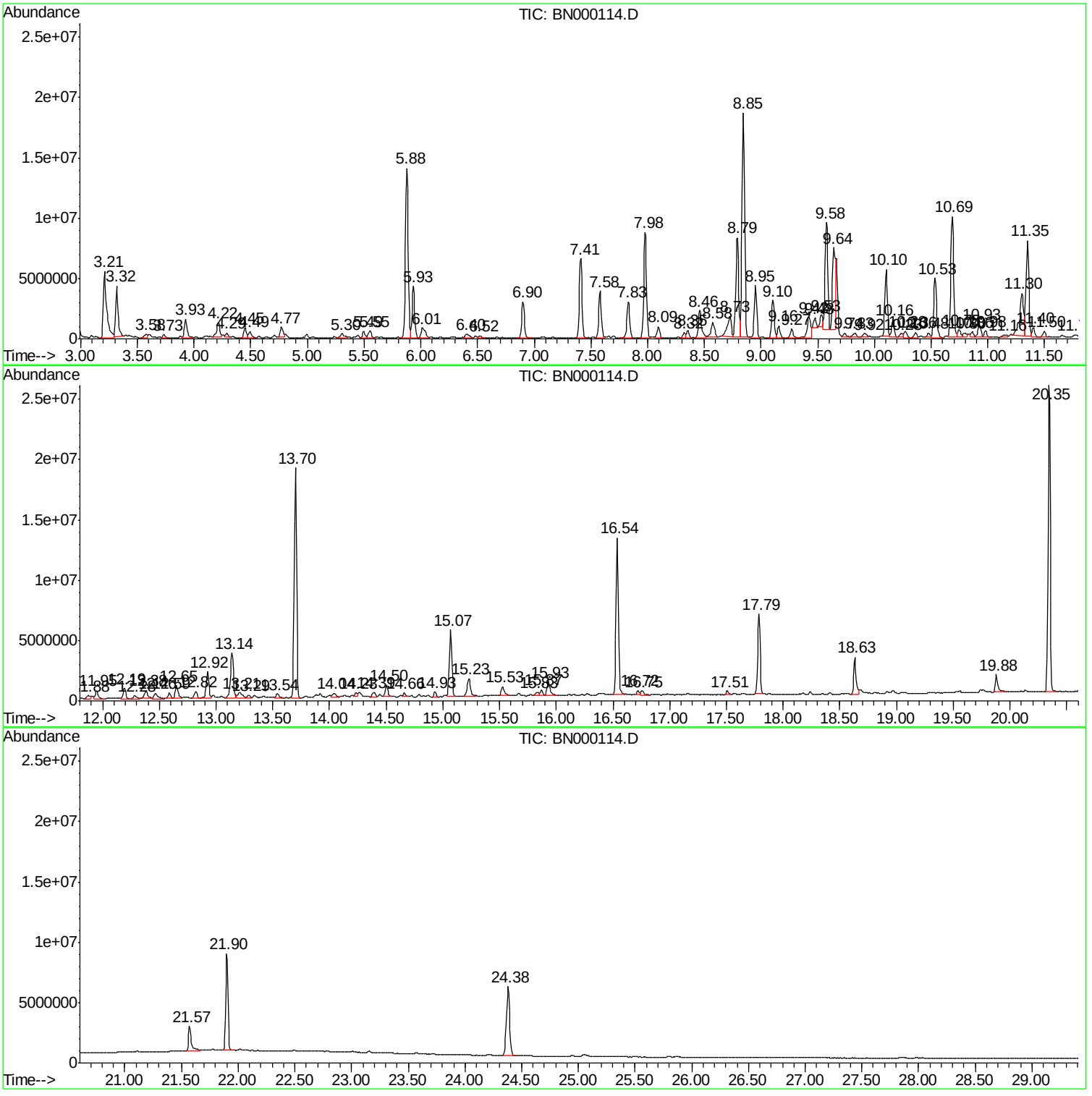
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
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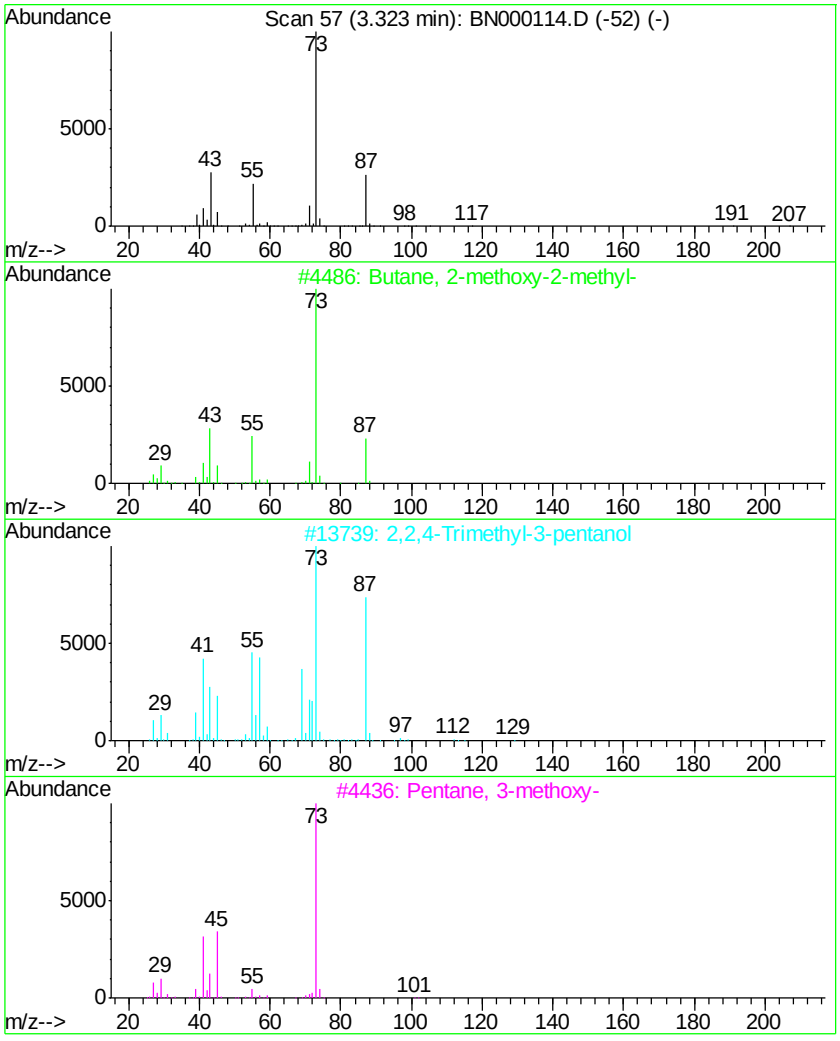
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

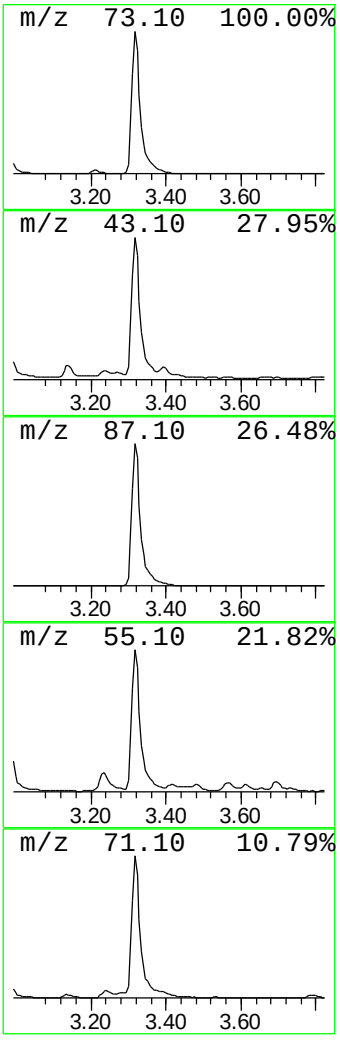
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	29.05 ng	6347900	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

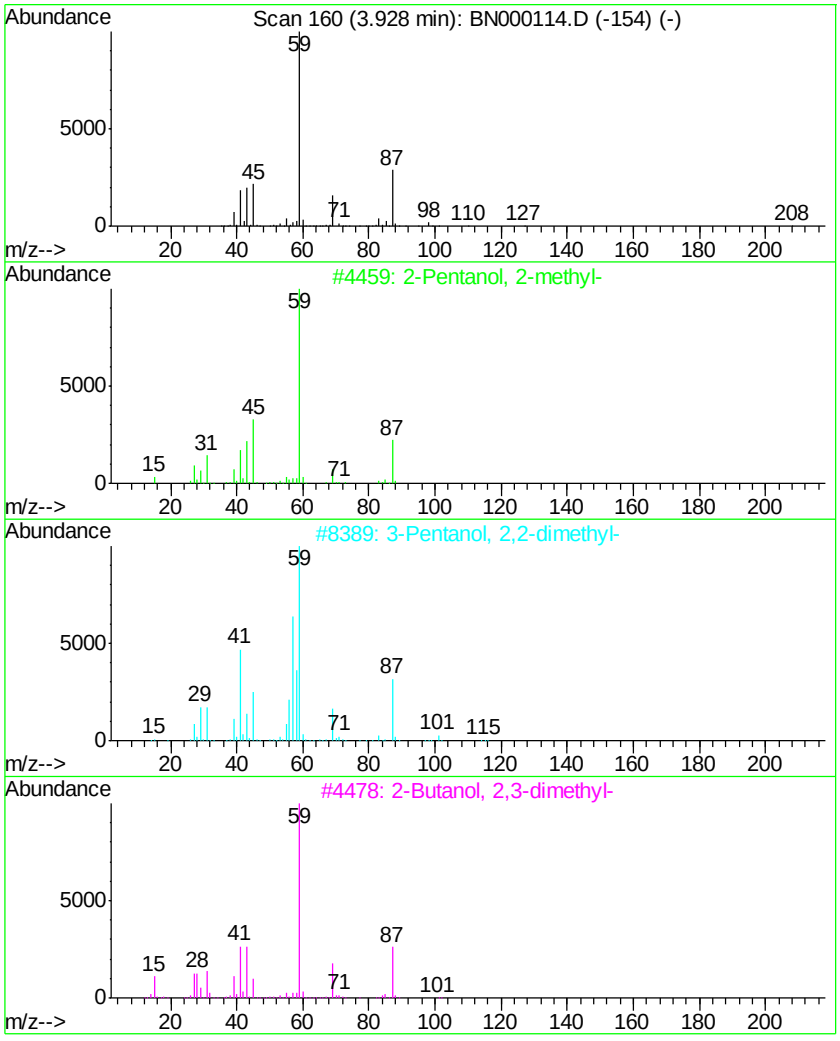
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

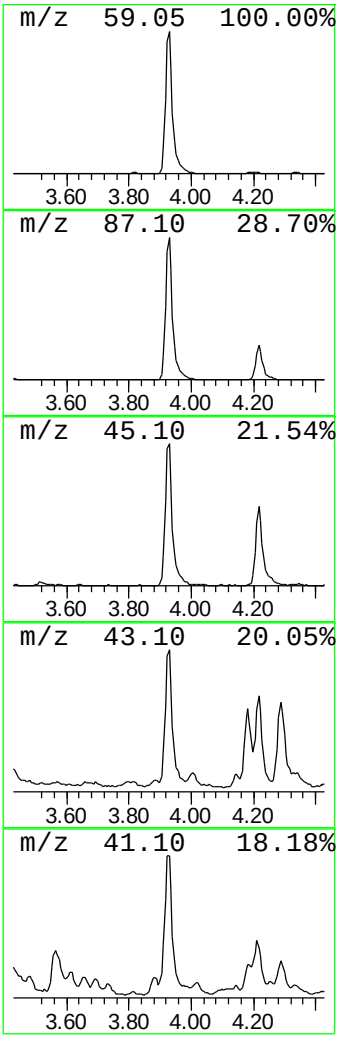
****

Peak Number 3 2-Pentanol, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	11.68 ng	2551700	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	64
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	40
5	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	39





Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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Sample : J1573-02
Misc :
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Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

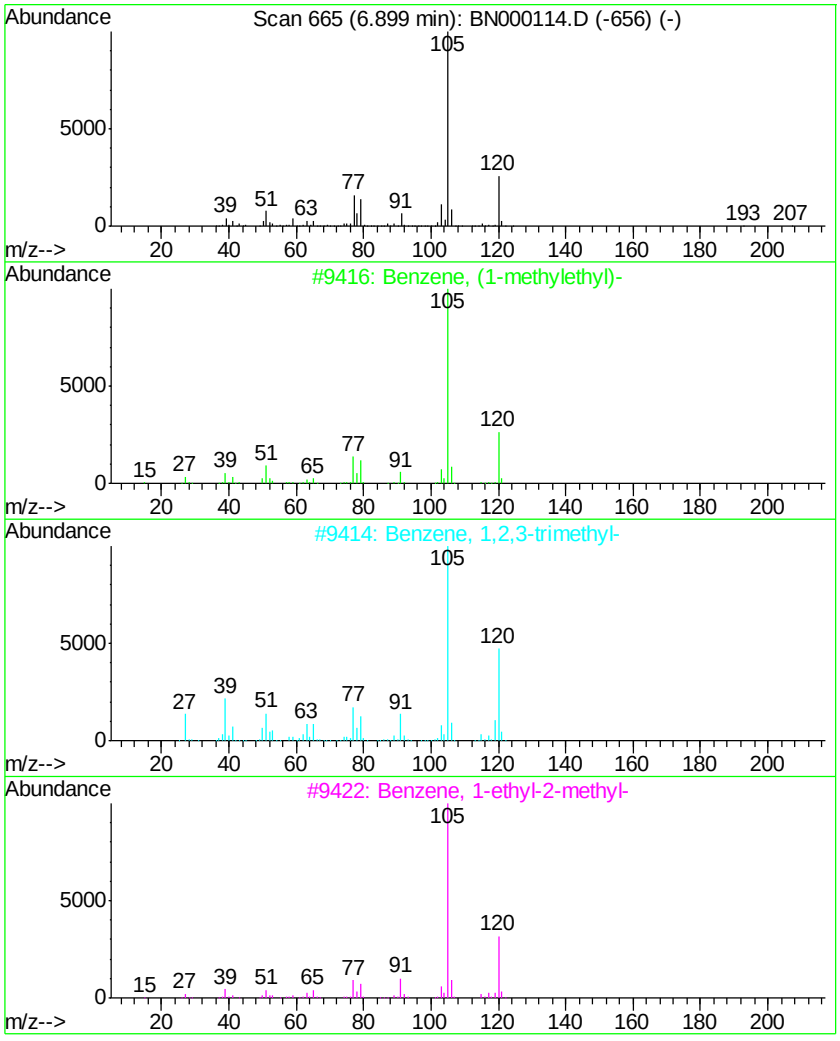
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

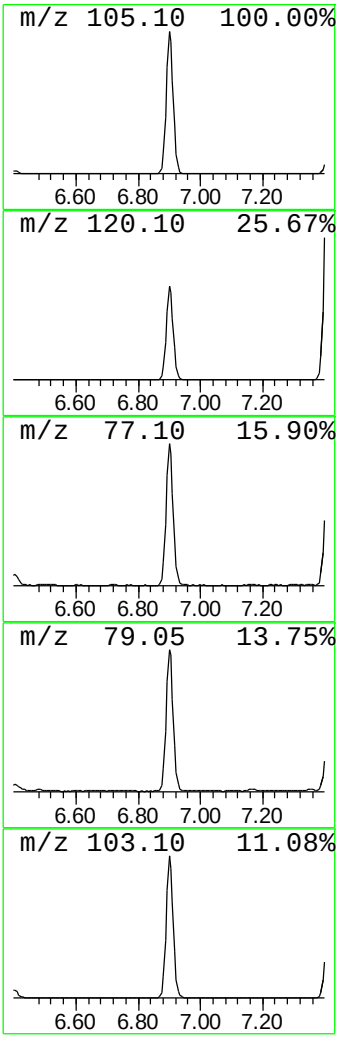
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	23.14 ng	5055440	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

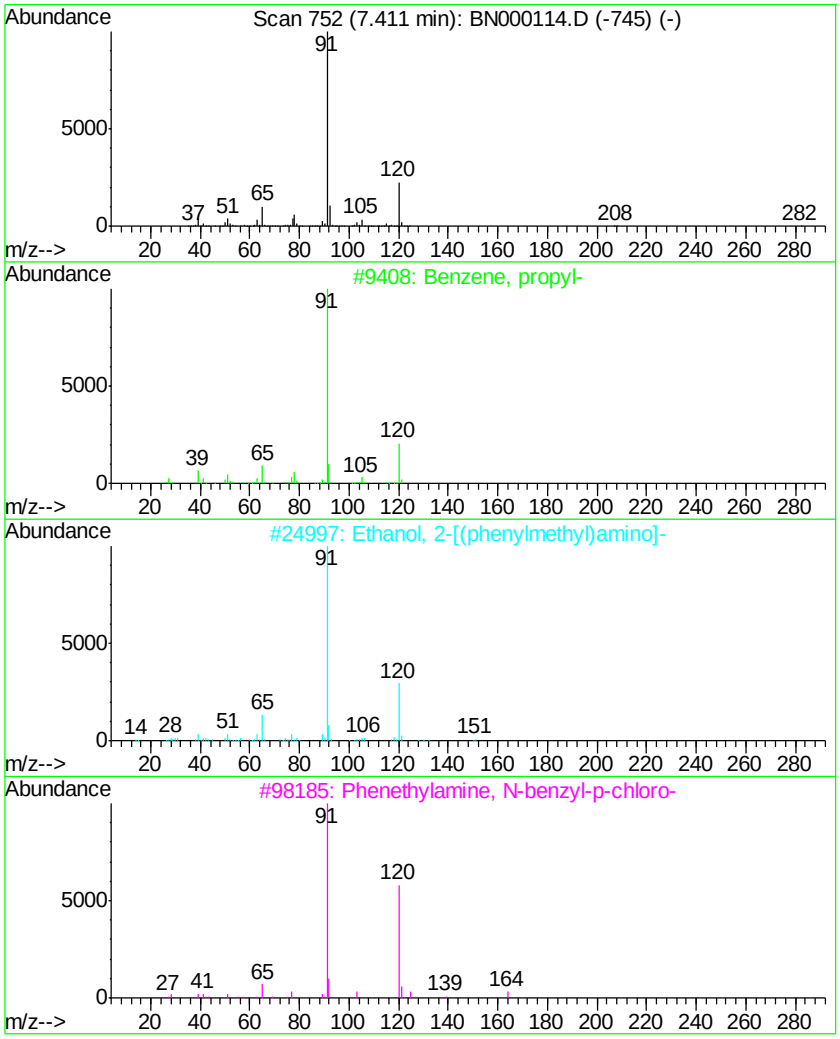
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

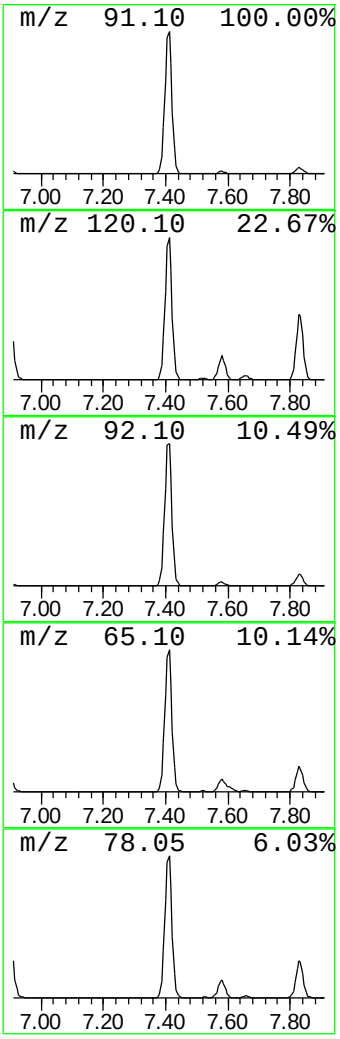
****

Peak Number 6 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	48.58 ng	10613700	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

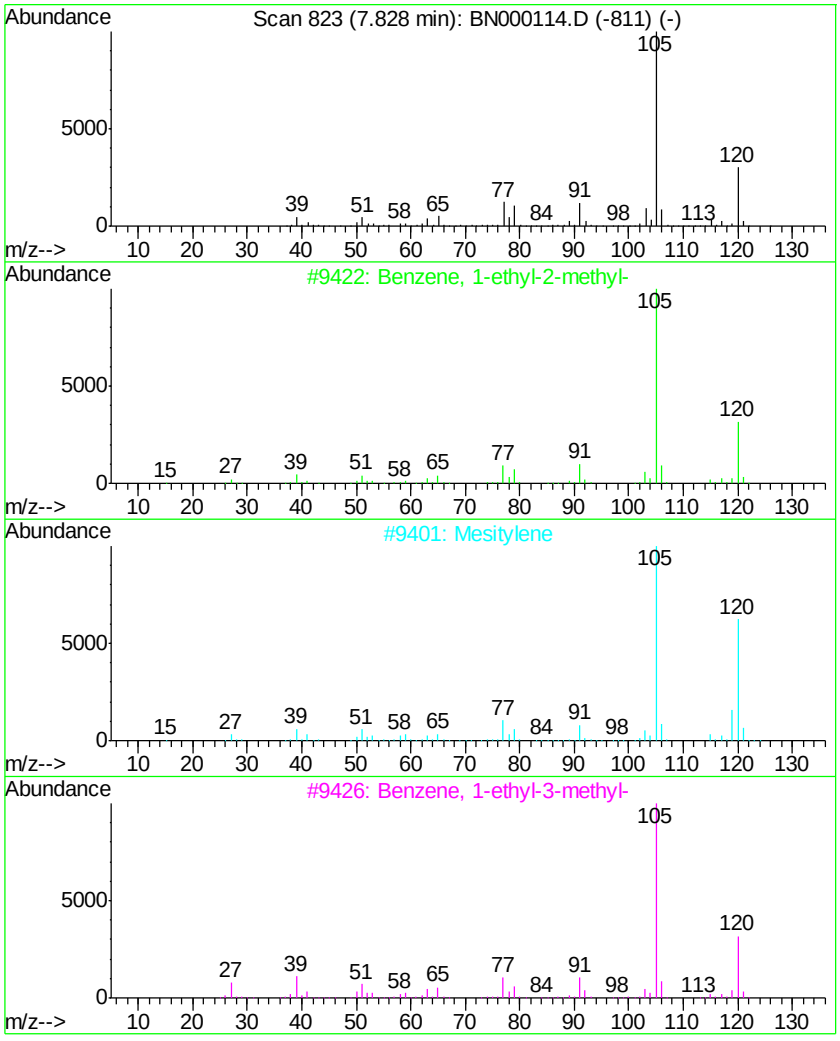
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

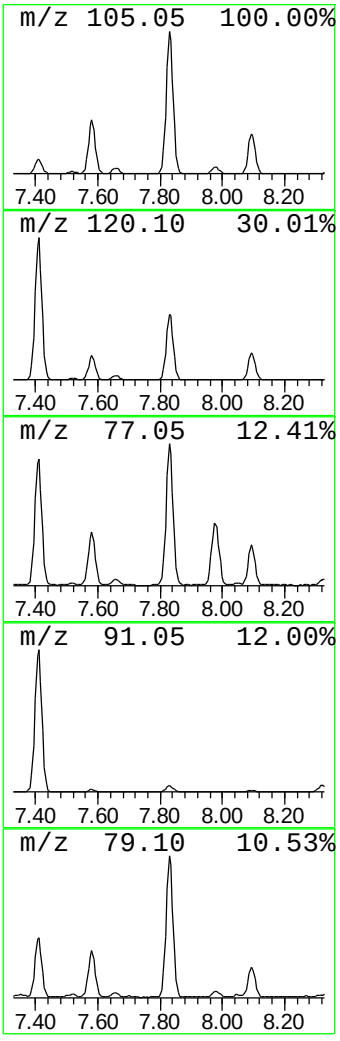
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	23.82 ng	5205390	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

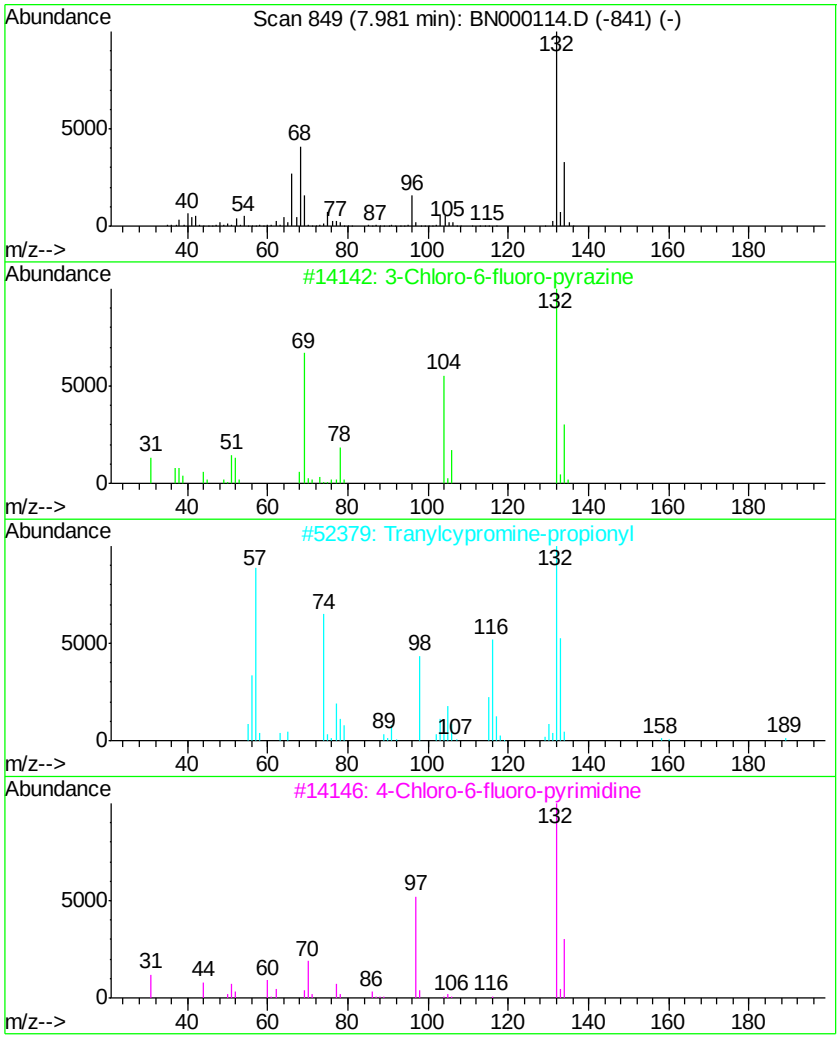
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

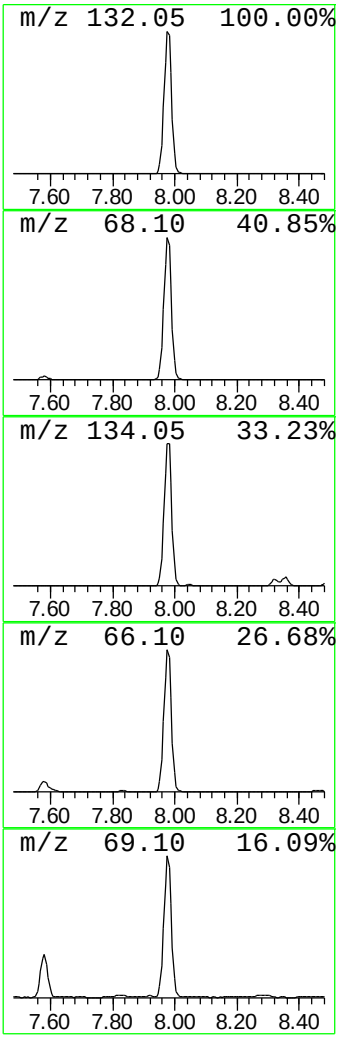
****

Peak Number 8 unknown7.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	67.75 ng	14803000	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : J1573-02
Misc :
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Instrument : BNA_N
ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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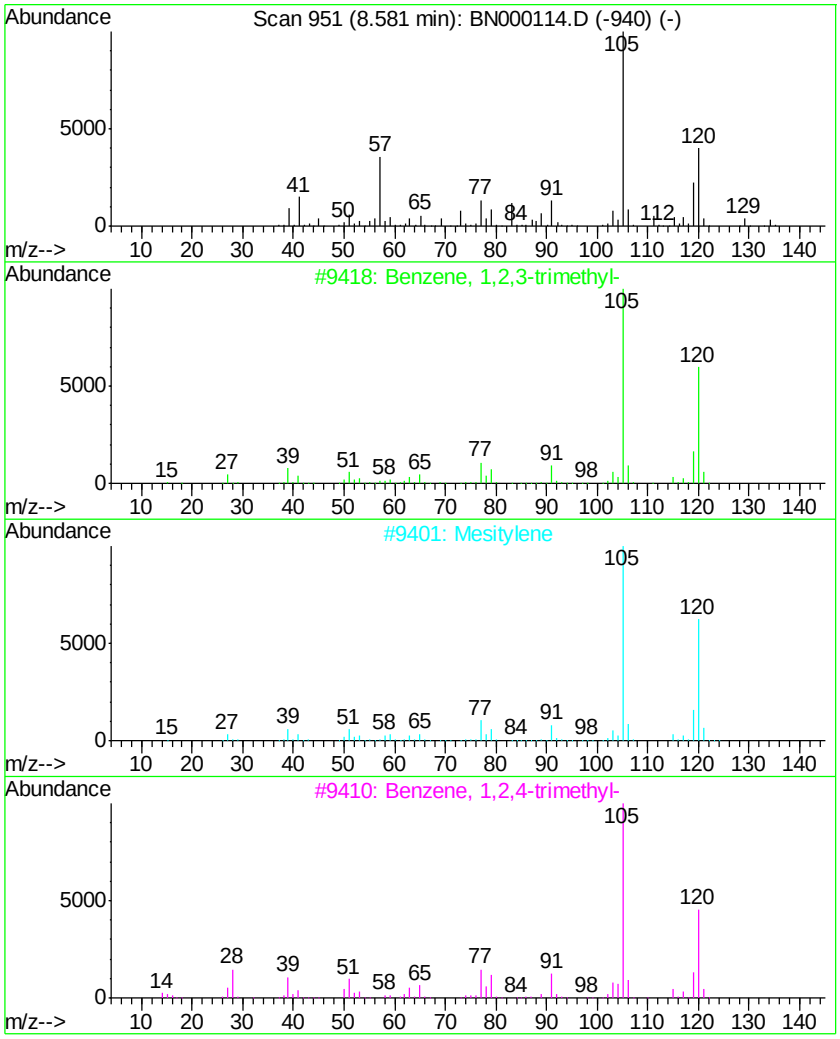
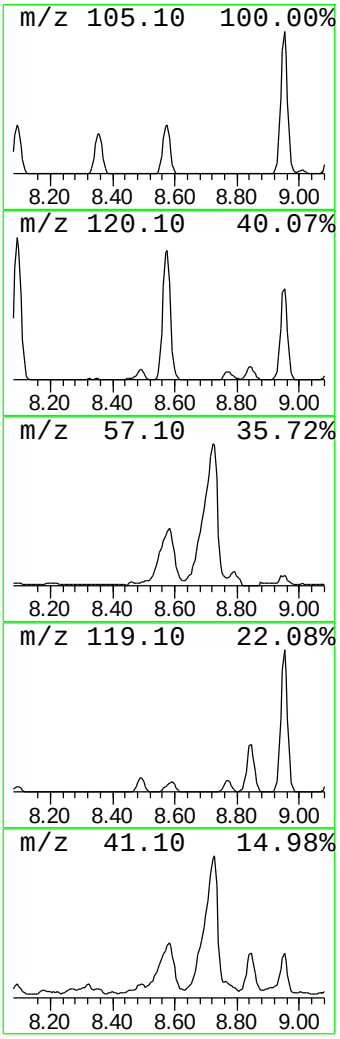
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	12.83 ng	2802590	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Misc :
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Instrument : BNA_N
ClientSampleId : MW-2

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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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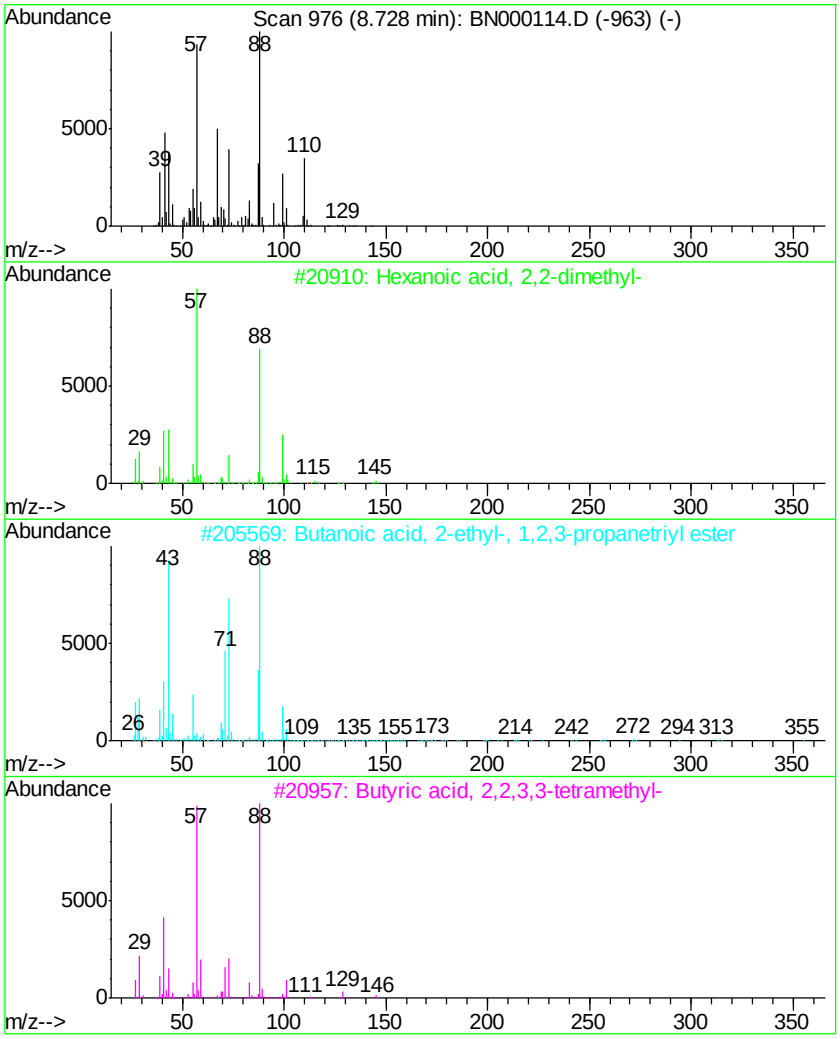
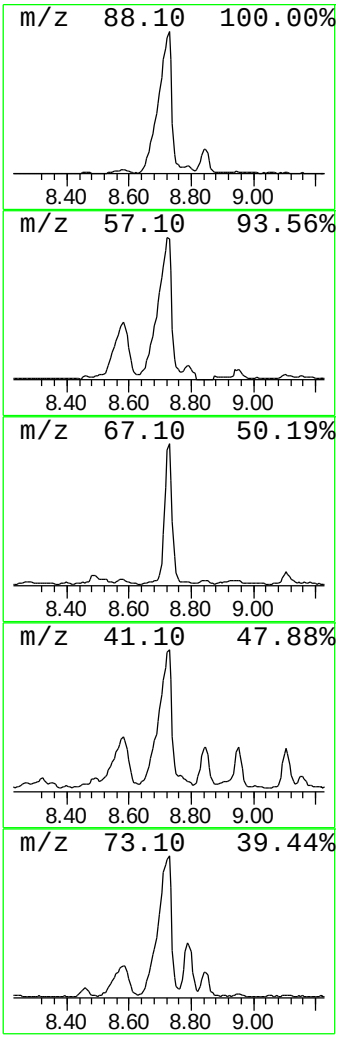
Peak Number 10 unknown8.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	18.78 ng	4102130	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	47
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	37
3	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	37
4	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	35
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	27





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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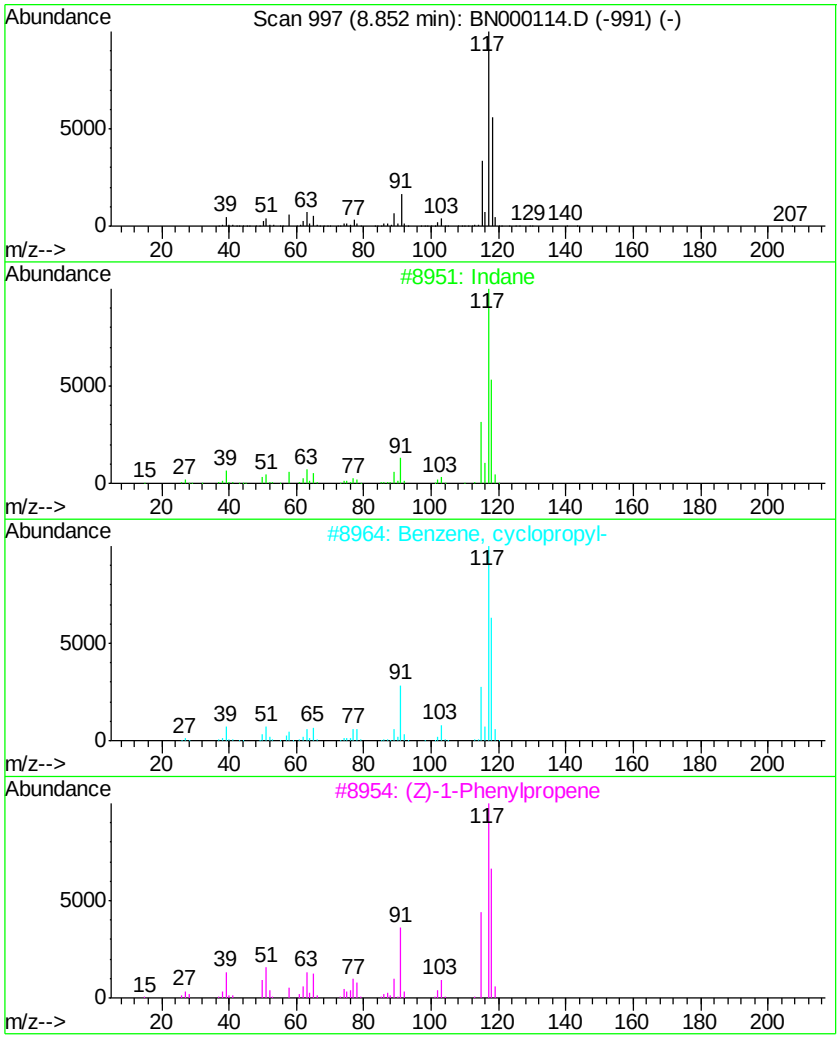
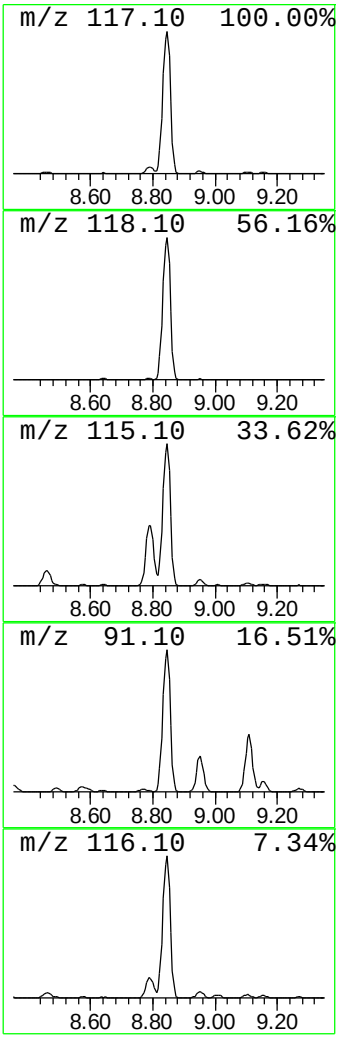
****

Peak Number 12 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	143.36 ng	31322400	1,4-Dichlorobenzene-d4	8.46

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	87
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Library Search Compound Report

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Data File : BN000114.D
Acq On : 19 Feb 2018 17:37
Operator : JU/SJ
Sample : J1573-02
Misc :
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Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.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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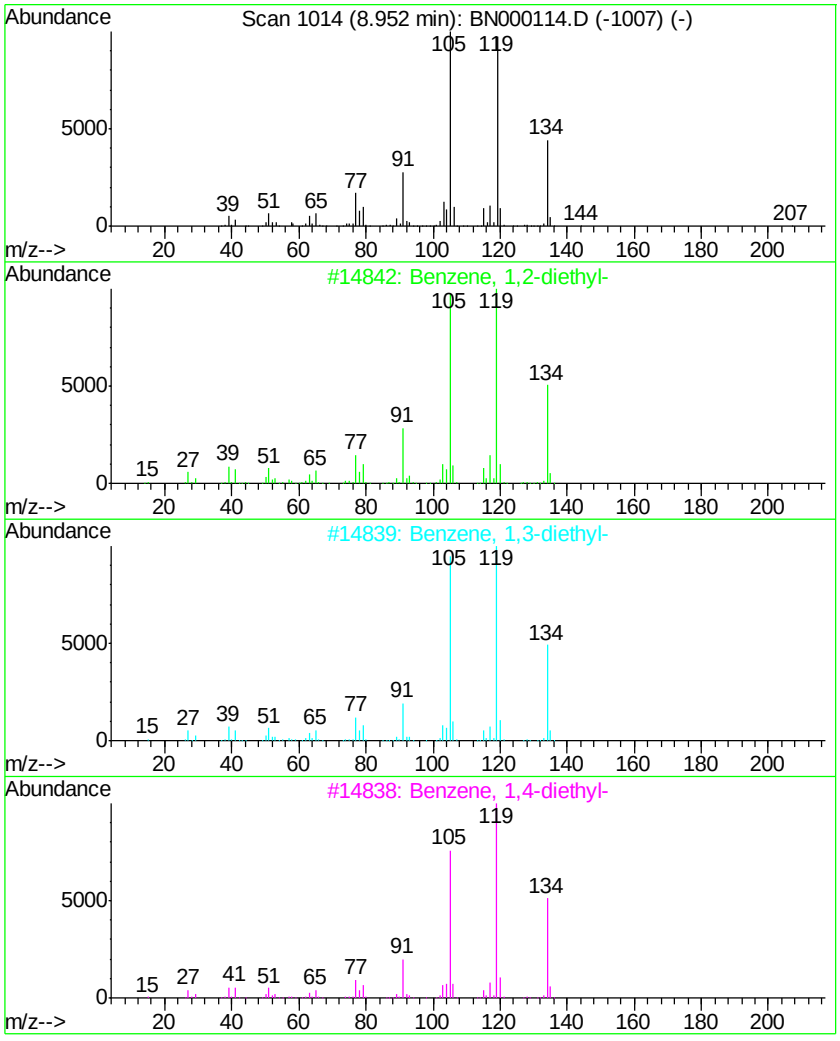
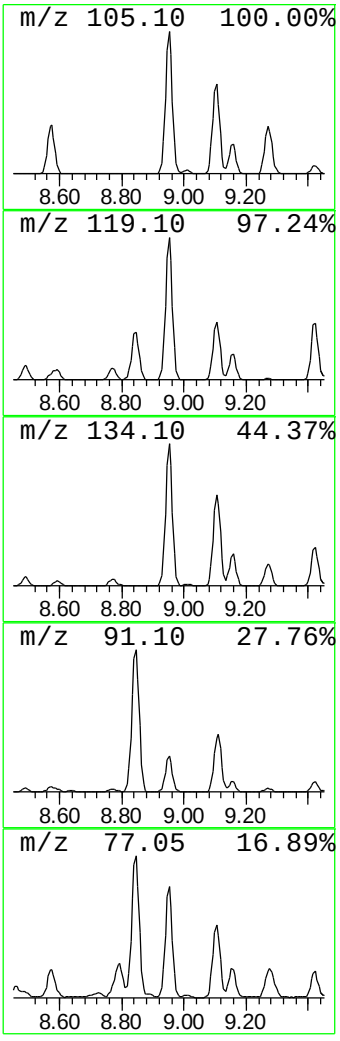
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	30.79 ng	6726230	1,4-Dichlorobenzene-d4	8.46

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	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83





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Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

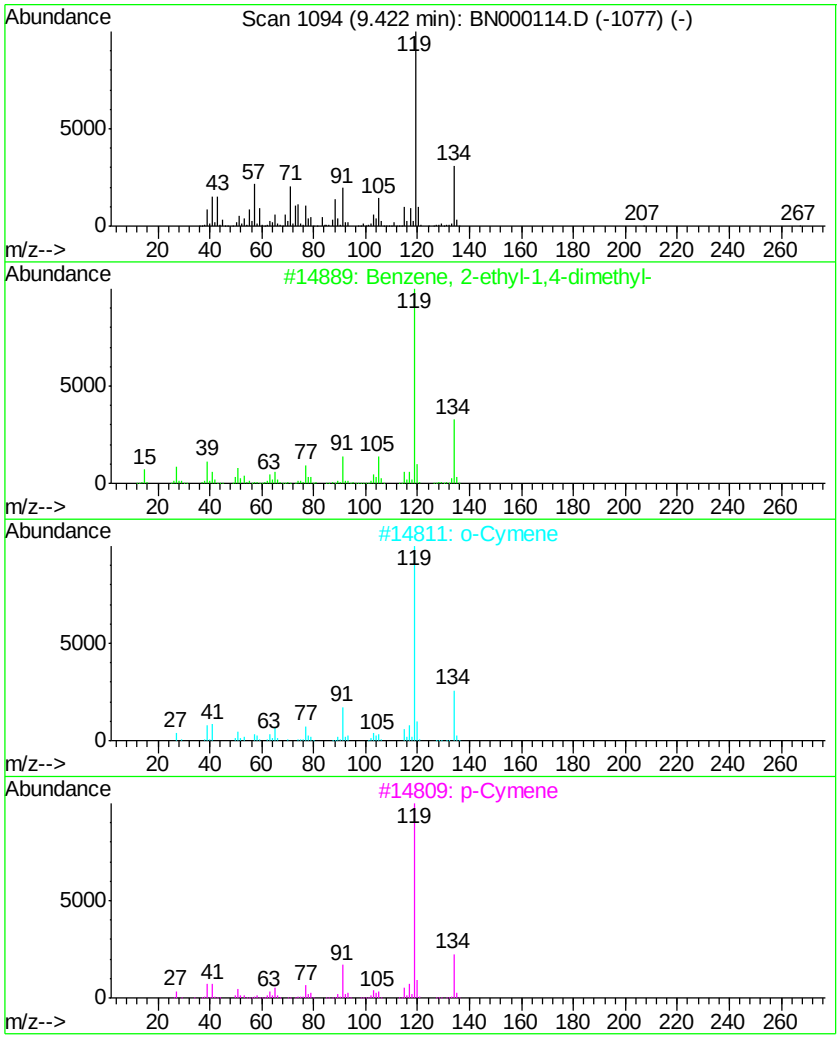
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

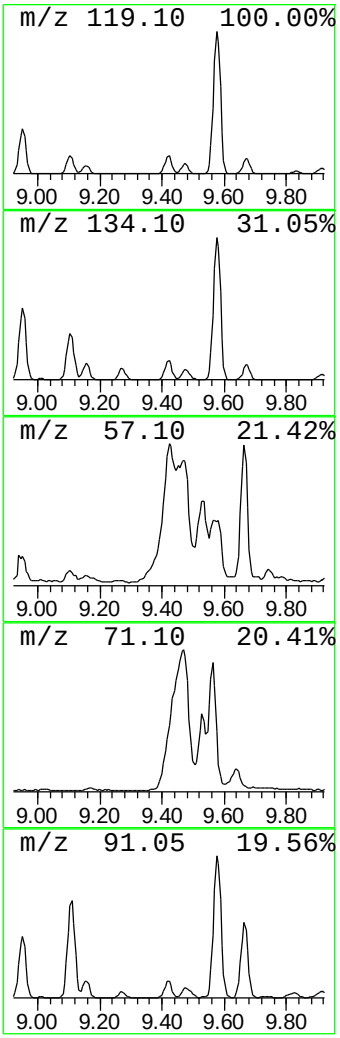
****

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	17.66 ng	3858810	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92





Library Search Compound Report

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Operator : JU/SJ
Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

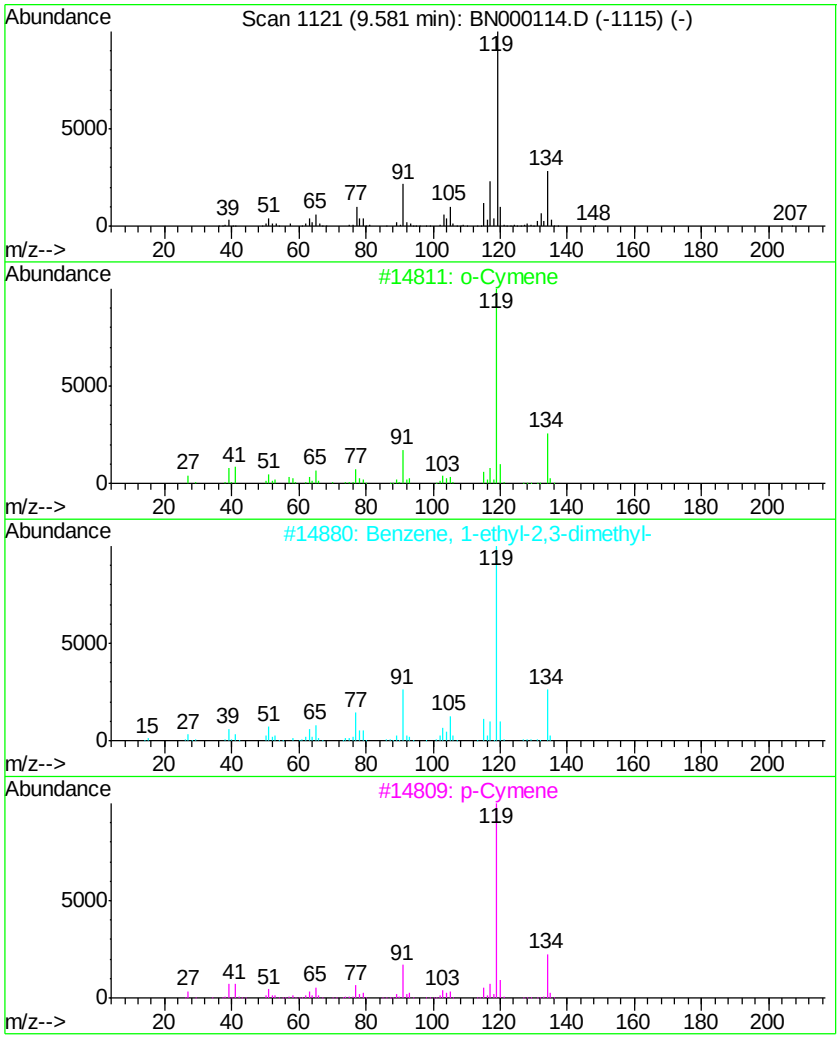
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

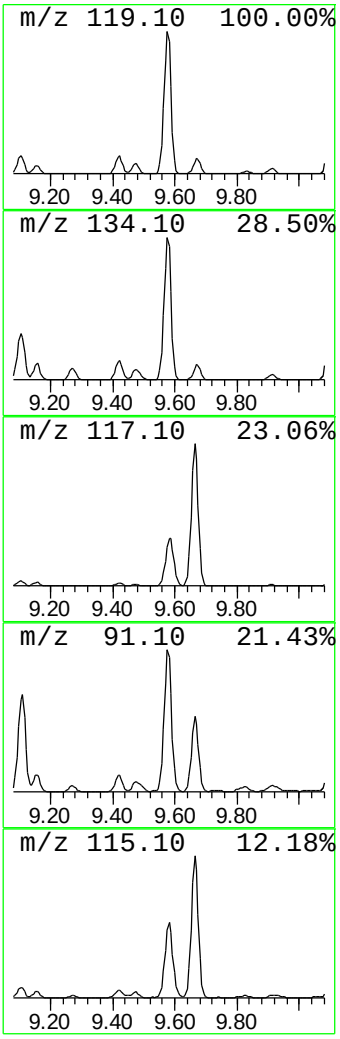
****

Peak Number 16 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	68.22 ng	14905600	1,4-Dichlorobenzene-d4	8.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Sample : J1573-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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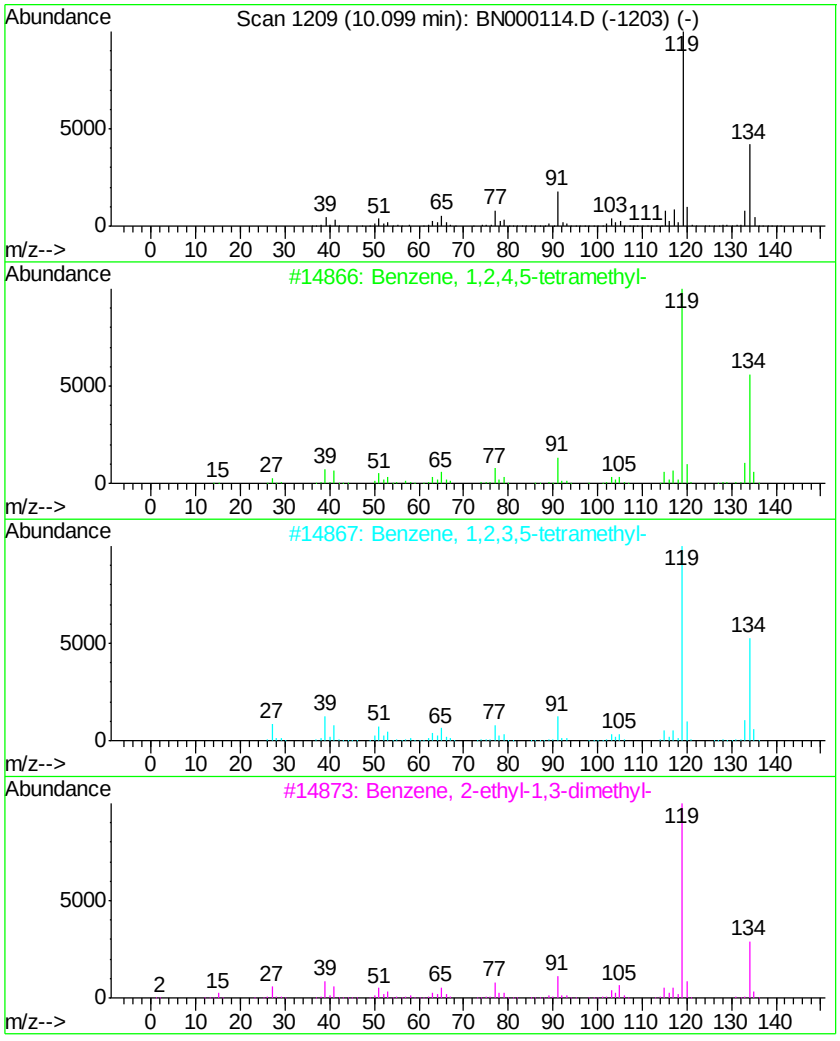
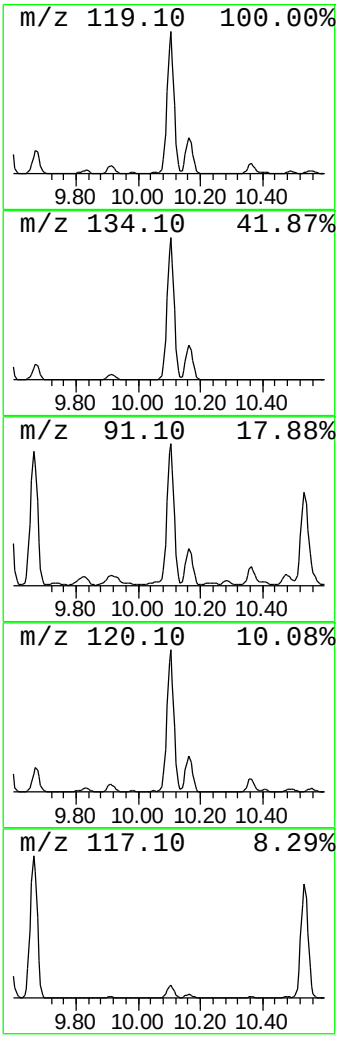
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	19.73 ng	8669150	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
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TIC Library : C:\Database\NIST11.L
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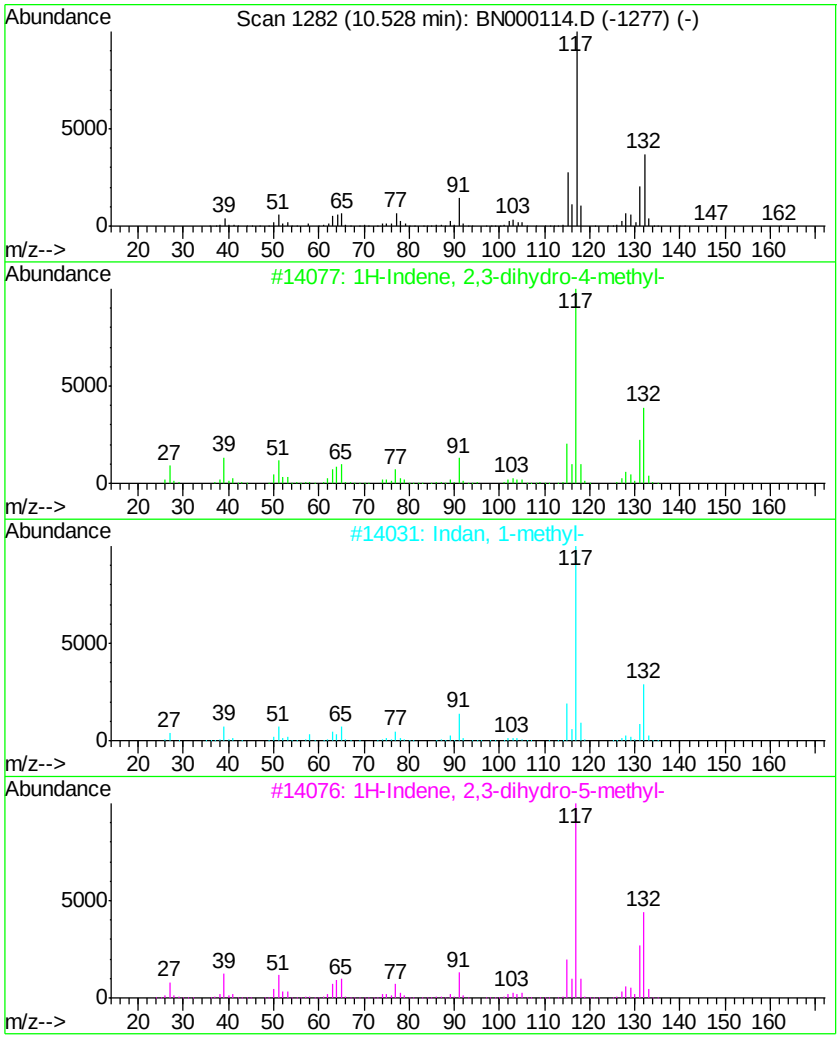
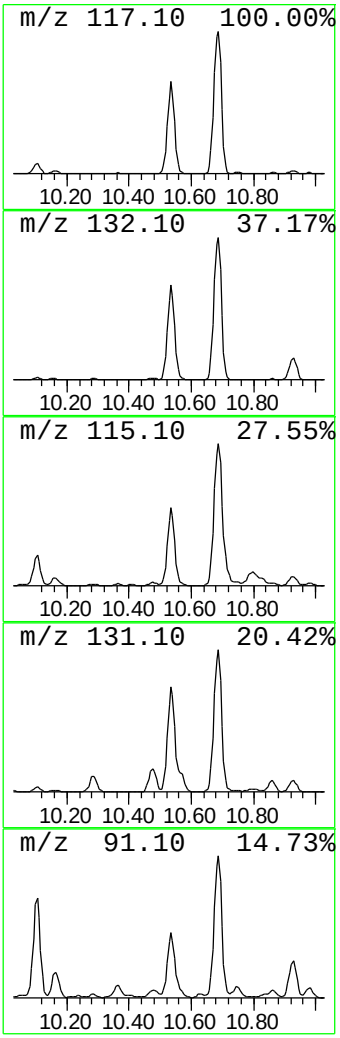
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	19.72 ng	8664910	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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Instrument : BNA_N
ClientSampleId : MW-2

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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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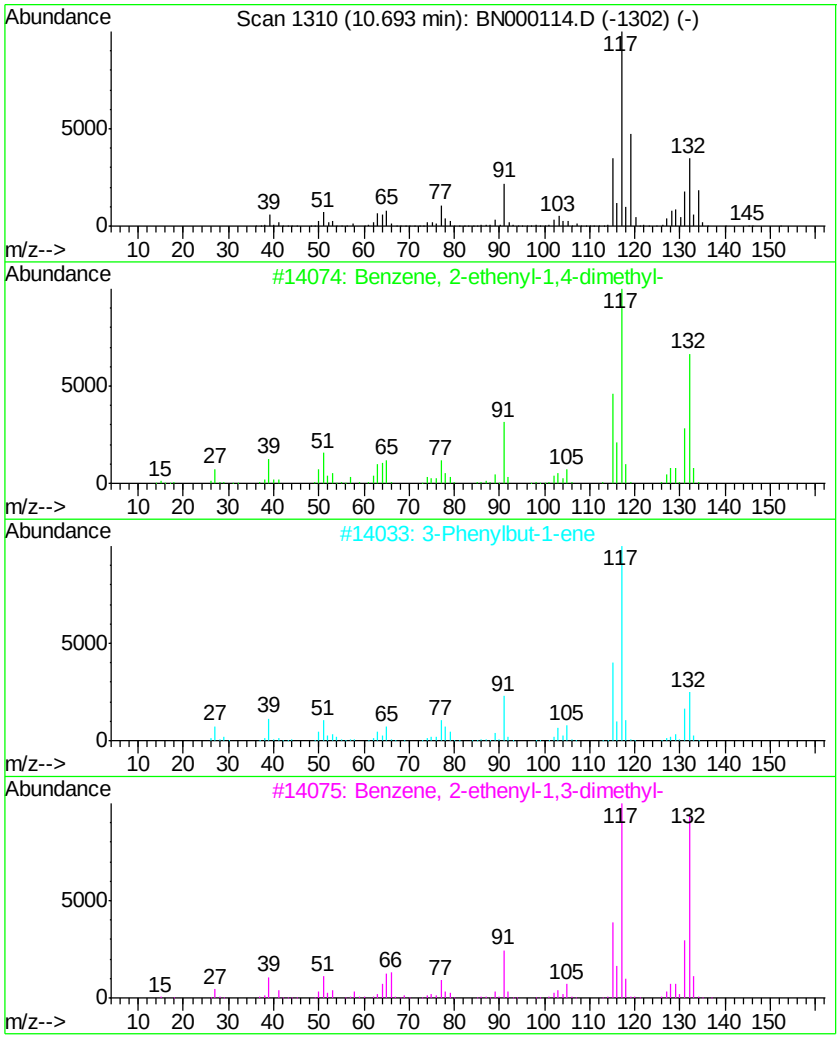
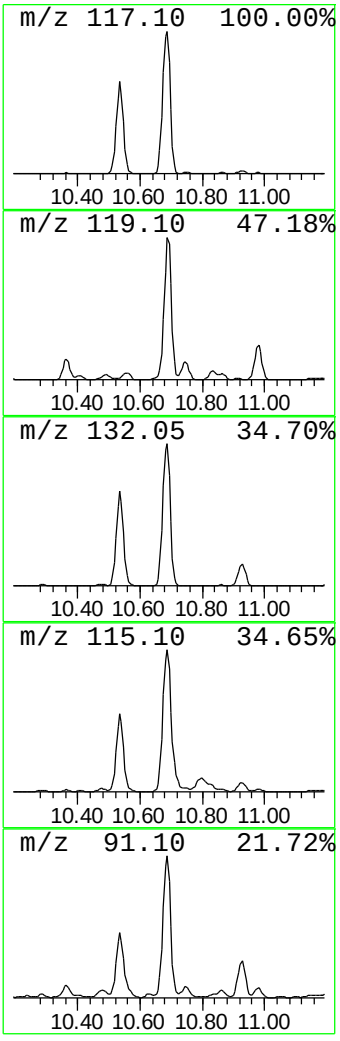
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	40.32 ng	17716500	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





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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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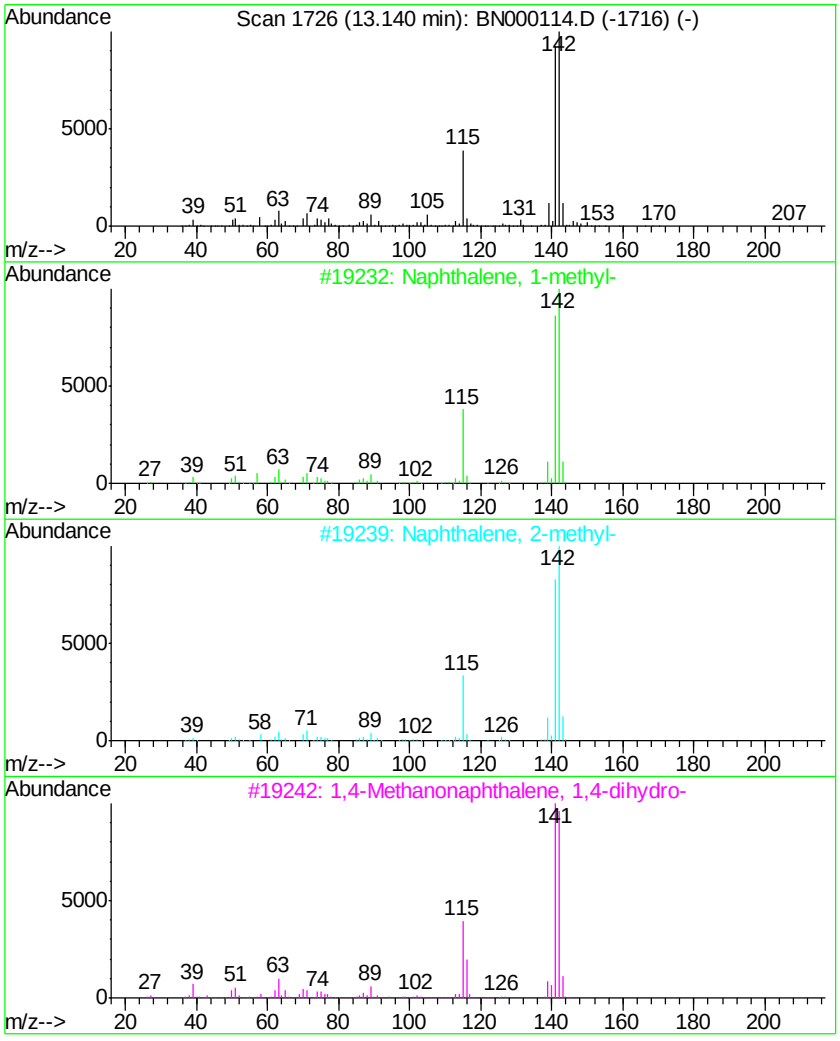
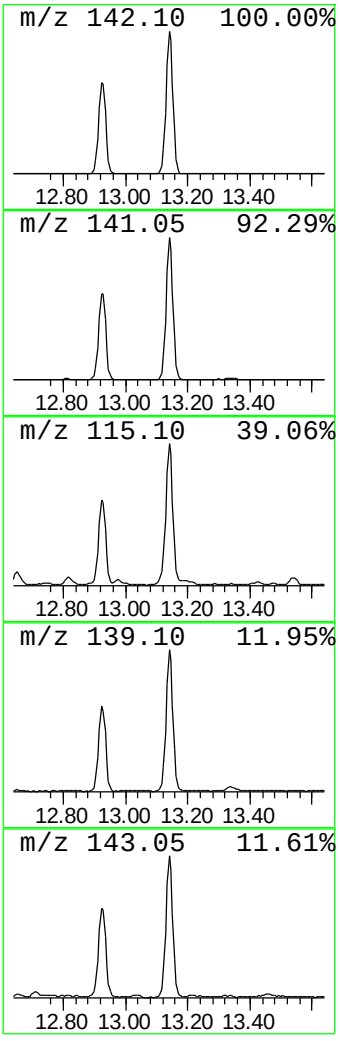
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	15.41 ng	6768450	Naphthalene-d8	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2

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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
Butane, 2-methoxy...	3.32	29.1	ng	6347900	1	8.46	4369790	20.0
2-Pentanol, 2-met...	3.93	11.7	ng	2551700	1	8.46	4369790	20.0
Benzene, (1-methy...	6.90	23.1	ng	5055440	1	8.46	4369790	20.0
Benzene, propyl-	7.41	48.6	ng	10613700	1	8.46	4369790	20.0
Benzene, 1-ethyl-...	7.83	23.8	ng	5205390	1	8.46	4369790	20.0
unknown7.98	7.98	67.8	ng	14803000	1	8.46	4369790	20.0
Benzene, 1,2,3-tr...	8.58	12.8	ng	2802590	1	8.46	4369790	20.0
unknown8.73	8.73	18.8	ng	4102130	1	8.46	4369790	20.0
Indane	8.85	143.4	ng	31322400	1	8.46	4369790	20.0
Benzene, 1,2-diet...	8.95	30.8	ng	6726230	1	8.46	4369790	20.0
Benzene, 2-ethyl-...	9.42	17.7	ng	3858810	1	8.46	4369790	20.0
o-Cymene	9.58	68.2	ng	14905600	1	8.46	4369790	20.0
Benzene, 1,2,4,5-...	10.10	19.7	ng	8669150	2	11.30	8786910	20.0
1H-Indene, 2,3-di...	10.53	19.7	ng	8664910	2	11.30	8786910	20.0
Benzene, 2-etheny...	10.69	40.3	ng	17716500	2	11.30	8786910	20.0
Naphthalene, 1-me...	13.14	15.4	ng	6768450	2	11.30	8786910	20.0