LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122040.D
Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122040.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	169	176	182	rBV2	63117	169453	5.86%	0.257%
2	3.281	199	203	214	rVB	117755	224719	7.78%	0.341%
3	3.481	228	237	246	rVB	86213	150824	5.22%	0.229%
4	3.698	267	274	282	rBV2	90526	157808	5.46%	0.239%
5	4.275	367	372	377	rBV	651903	839064	29.03%	1.272%
6	4.940	478	485	488	rBV	1960829	2890228	100.00%	4.382%
7	5.187	524	527	532	rBV	174075	206645	7.15%	0.313%
8	5.369	555	558	564	rVV2	88845	134846	4.67%	0.204%
9	5.551	585	589	607	rBV	1338787	1981320	68.55%	3.004%
10	6.251	704	708	711	rBV	129886	150819	5.22%	0.229%
11	6.381	727	730	738	rBV	1000935	1404650	48.60%	2.130%
12	6.439	738	740	755	rVB	475176	505959	17.51%	0.767%
13	6.563	755	761	765	rBV	2294701	2819464	97.55%	4.275%
14	6.604	765	768	776	rVB	1318552	1337347	46.27%	2.028%
15	6.728	786	789	793	rBV	729008	574673	19.88%	0.871%
16	6.992	829	834	842	rBV	1518797	1694996	58.65%	2.570%
17	7.233	871	875	878	rVV2	424723	410169	14.19%	0.622%
18	7.269	878	881	883	rVV	365550	344759	11.93%	0.523%
19	7.298	883	886	891	rVV	1620674	1708172	59.10%	2.590%
20	7.345	891	894	899	rVV	921474	1190236	41.18%	1.805%
21	7.392	899	902	910	rVB	937042	793864	27.47%	1.204%
22	7.510	920	922	924	rVV	201582	205808	7.12%	0.312%
23	7.533	924	926	929	rVV	315519	262075	9.07%	0.397%
24	7.569	929	932	933	rVV	960107	797214	27.58%	1.209%
25	7.592	933	936	946	rVV	2590263	2497968	86.43%	3.787%
26	7.769	960	966	968	rBV	1346210	1407162	48.69%	2.133%
27	7.798	968	971	972	rVV	656120	634991	21.97%	0.963%
28	7.816	972	974	976	rVV	2138190	1549801	53.62%	2.350%
29	7.886	981	986	990	rVB2	296371	388329	13.44%	0.589%
30	7.928	990	993	995	rBV	142386	156043	5.40%	0.237%
31	8.010	1002	1007	1009	rBV	783154	680628	23.55%	1.032%
32	8.033	1009	1011	1015	rVB	562463	440753	15.25%	0.668%
33	8.075	1015	1018	1024	rVB5	151673	236065	8.17%	0.358%
34	8.128	1024	1027	1030	rBV2	273094	231697	8.02%	0.351%
35	8.175	1030	1035	1039	rVB4	124077	155425	5.38%	0.236%
36	8.233	1039	1045	1048	rBV	2483178	2250152	77.85%	3.412%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.292	1051	1055	1060	rBV	2772757	2305387	79.76%	3.495%
38	8.469	1077	1085	1089	rBV	488841	673116	23.29%	1.021%
39	8.516	1089	1093	1098	rVV	543018	584804	20.23%	0.887%
40	8.657	1112	1117	1119	rVV3	137408	182660	6.32%	0.277%
41	8.675	1119	1120	1123	rVB	237546	180459	6.24%	0.274%
42	8.722	1123	1128	1135	rVB2	1436328	1557807	53.90%	2.362%
43	8.786	1136	1139	1142	rBV	908967	695417	24.06%	1.054%
44	8.828	1142	1146	1148	rVB	1026653	922423	31.92%	1.399%
45	8.857	1148	1151	1153	rVB	164398	135637	4.69%	0.206%
46	8.898	1155	1158	1160	rBV	584533	414773	14.35%	0.629%
47	8.969	1168	1170	1173	rVV	185681	144788	5.01%	0.220%
48	9.010	1173	1177	1180	rVV	991667	779995	26.99%	1.183%
49	9.086	1184	1190	1194	rBV	2520722	2640846	91.37%	4.004%
50	9.216	1209	1212	1215	rBV	771776	717648	24.83%	1.088%
51	9.245	1215	1217	1221	rVV	402082	389185	13.47%	0.590%
52	9.298	1221	1226	1229	rVV2	271349	336368	11.64%	0.510%
53	9.327	1229	1231	1233	rVV	246345	224791	7.78%	0.341%
54	9.363	1233	1237	1239	rVV2	561547	675455	23.37%	1.024%
55	9.386	1239	1241	1244	rVB2	310252	264137	9.14%	0.400%
56	9.433	1244	1249	1256	rBV2	1079905	1569588	54.31%	2.380%
57	9.486	1256	1258	1262	rVB2	395118	382260	13.23%	0.580%
58	9.545	1262	1268	1272	rBV3	204066	298275	10.32%	0.452%
59	9.627	1279	1282	1286	rBV	422984	418604	14.48%	0.635%
60	9.663	1286	1288	1292	rVB2	127879	180458	6.24%	0.274%
61	9.763	1302	1305	1308	rVV	730931	672476	23.27%	1.020%
62	9.798	1308	1311	1314	rVV3	147965	144393	5.00%	0.219%
63	10.104	1361	1363	1366	rBV2	162566	153226	5.30%	0.232%
64	10.310	1395	1398	1404	rVB2	194437	235883	8.16%	0.358%
65	10.616	1447	1450	1455	rBV	299269	245150	8.48%	0.372%
66	10.680	1458	1461	1466	rVB2	154885	184138	6.37%	0.279%
67	11.174	1542	1545	1549	rVB	620742	528067	18.27%	0.801%
68	11.251	1555	1558	1560	rBV	749509	618212	21.39%	0.937%
69	11.274	1560	1562	1566	rVB	723919	561822	19.44%	0.852%
70	11.327	1568	1571	1573	rBV	183341	147637	5.11%	0.224%
71	11.369	1575	1578	1581	rVV	594431	503913	17.44%	0.764%
72	11.486	1594	1598	1601	rBV	827304	764430	26.45%	1.159%
73	11.545	1605	1608	1610	rVB	280061	238618	8.26%	0.362%
74	11.604	1612	1618	1620	rBV2	459581	570425	19.74%	0.865%
75	11.657	1623	1627	1631	rBV	689790	734149	25.40%	1.113%
76	11.757	1640	1644	1647	rBV3	731701	989859	34.25%	1.501%

LSC Area Percent Report

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Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.786	1647	1649	1651	rVB	384969	326843	11.31%	0.496%
78	11.868	1660	1663	1664	rBV	397087	380659	13.17%	0.577%
79	11.886	1664	1666	1670	rVV3	370213	474975	16.43%	0.720%
80	11.921	1670	1672	1675	rVV	263465	258004	8.93%	0.391%
81	12.310	1736	1738	1740	rVV	188415	162750	5.63%	0.247%
82	12.392	1749	1752	1760	rVB5	275132	366344	12.68%	0.555%
83	12.468	1762	1765	1768	rBV	661604	584717	20.23%	0.887%
84	12.551	1777	1779	1783	rVB	384553	324043	11.21%	0.491%
85	12.698	1801	1804	1810	rVB	986569	925434	32.02%	1.403%
86	12.810	1821	1823	1825	rBV	256355	239496	8.29%	0.363%
87	12.839	1825	1828	1831	rVB	2194704	1872964	64.80%	2.840%
88	13.133	1875	1878	1881	rVB	194146	170204	5.89%	0.258%
89	13.221	1891	1893	1896	rVB	209466	167812	5.81%	0.254%
90	13.251	1896	1898	1902	rVB	162477	155916	5.39%	0.236%
91	13.739	1978	1981	1992	rVB6	204661	471230	16.30%	0.714%
92	13.898	2003	2008	2011	rBV2	801838	1093761	37.84%	1.658%
93	13.921	2011	2012	2016	rVB	415758	313534	10.85%	0.475%
94	14.286	2072	2074	2077	rVB	188774	145621	5.04%	0.221%
95	14.921	2179	2182	2186	rBV	234414	361457	12.51%	0.548%
96	15.215	2228	2232	2236	rVB	242628	258838	8.96%	0.392%
97	15.274	2239	2242	2246	rVB	239329	274994	9.51%	0.417%
98	15.333	2248	2252	2256	rBV	575373	665622	23.03%	1.009%
99	16.745	2488	2492	2501	rVB2	116642	230689	7.98%	0.350%
100	17.168	2560	2564	2572	rVB	93689	178800	6.19%	0.271%

Sum of corrected areas: 65956112

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
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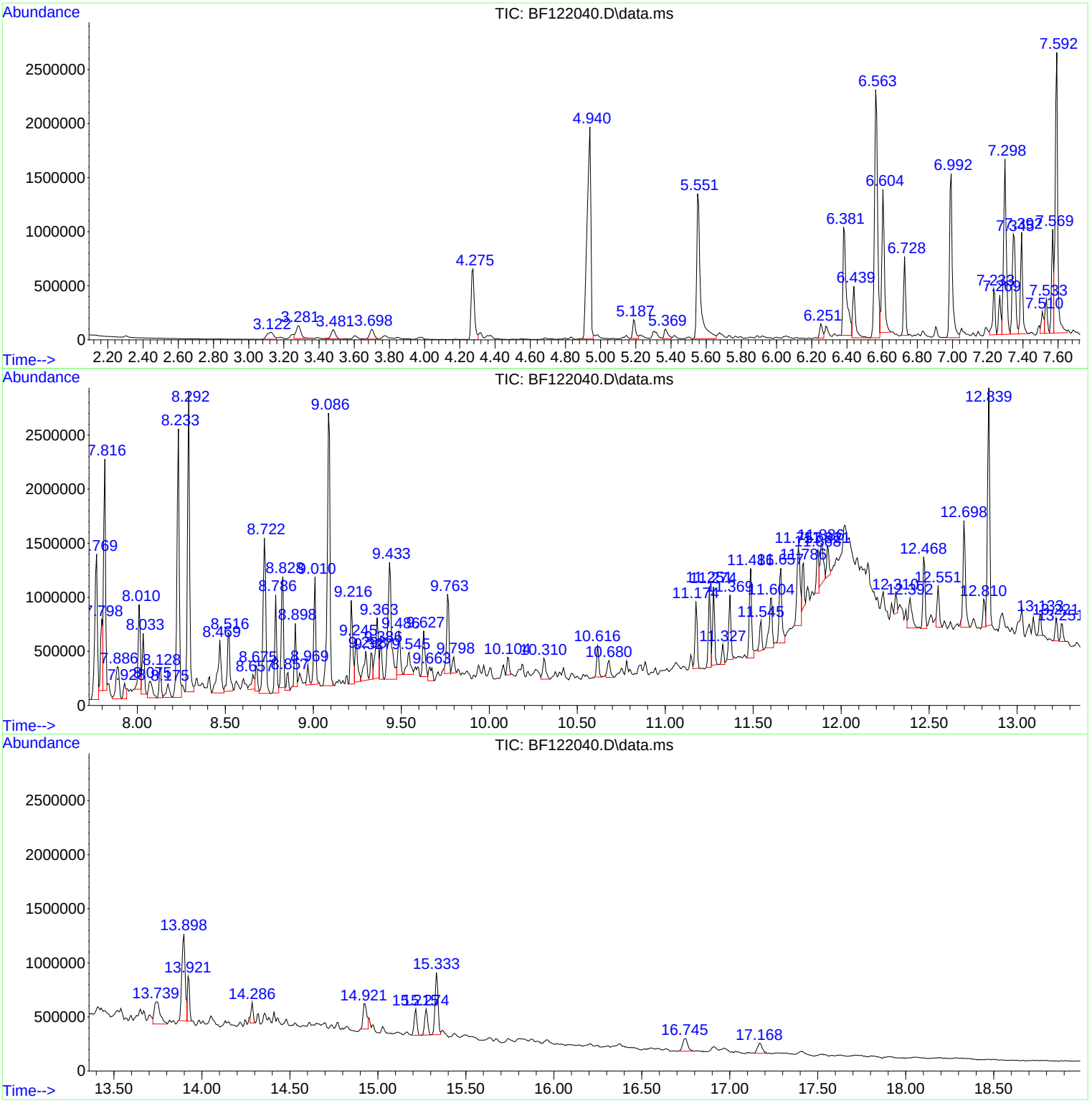
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122040.D
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Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

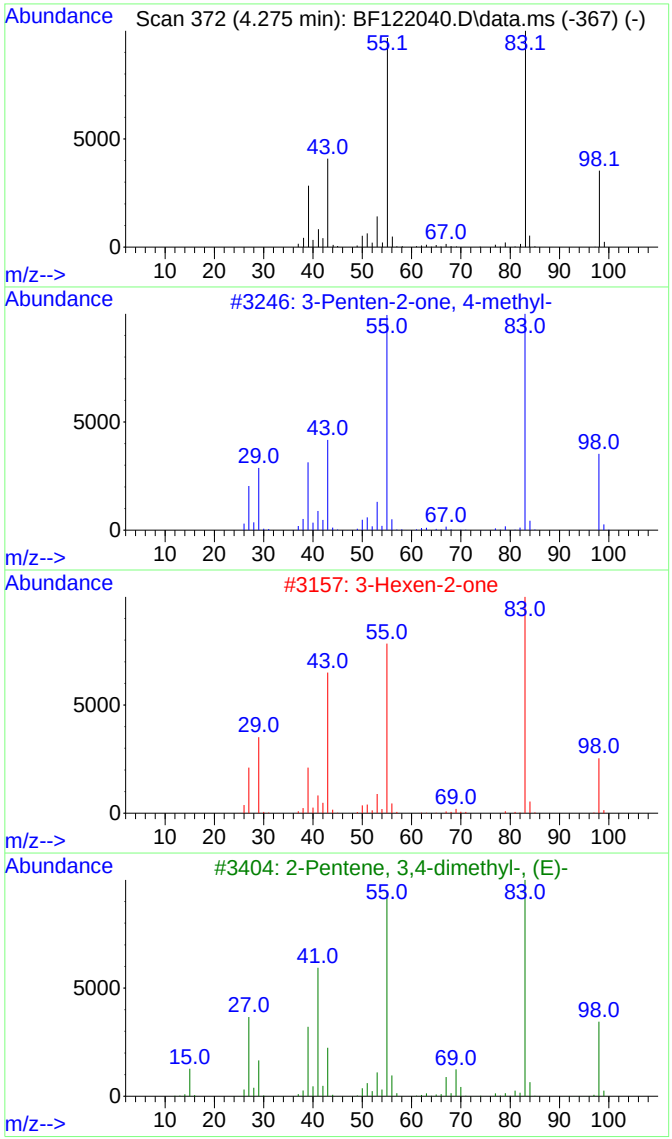
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

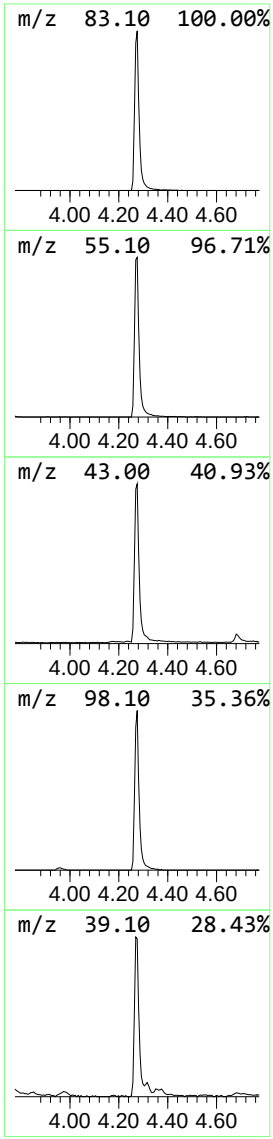
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.275	29.20 ng	839064	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
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Sample : L4435-02
Misc :
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Instrument : BNA_F
ClientSampleId : 5412

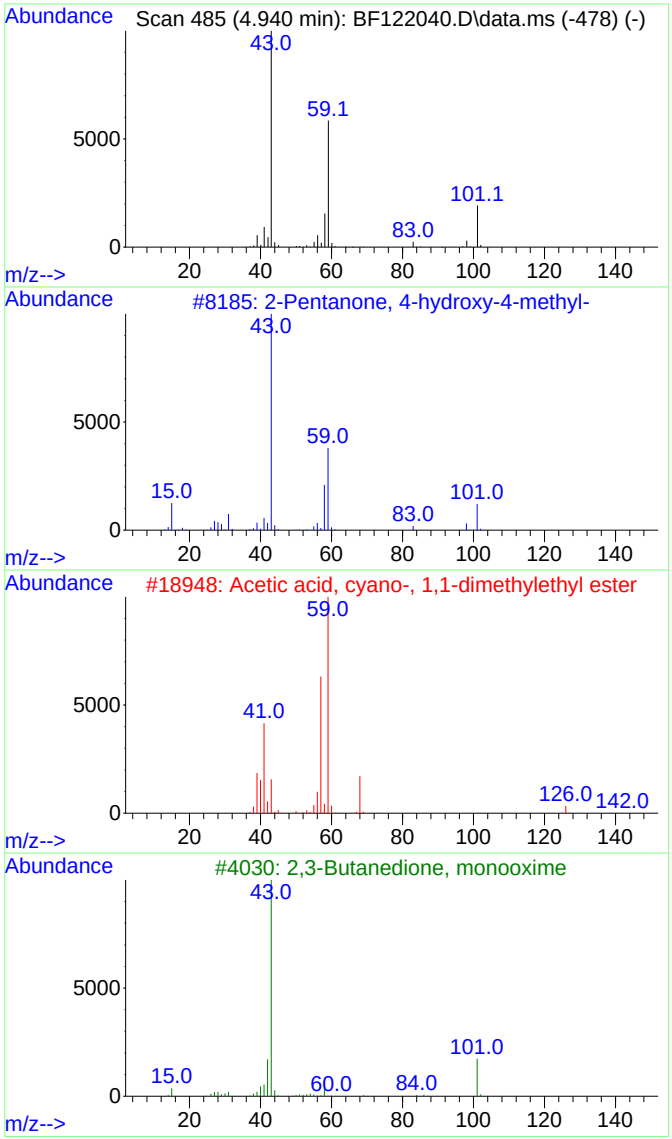
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

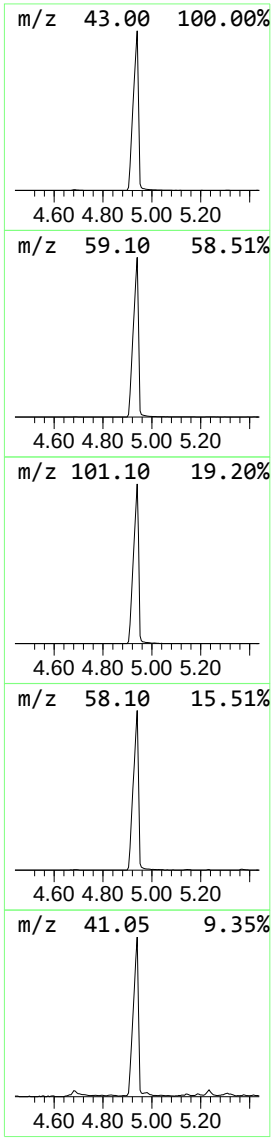
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.940	100.59 ng	2890230	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
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Sample : L4435-02
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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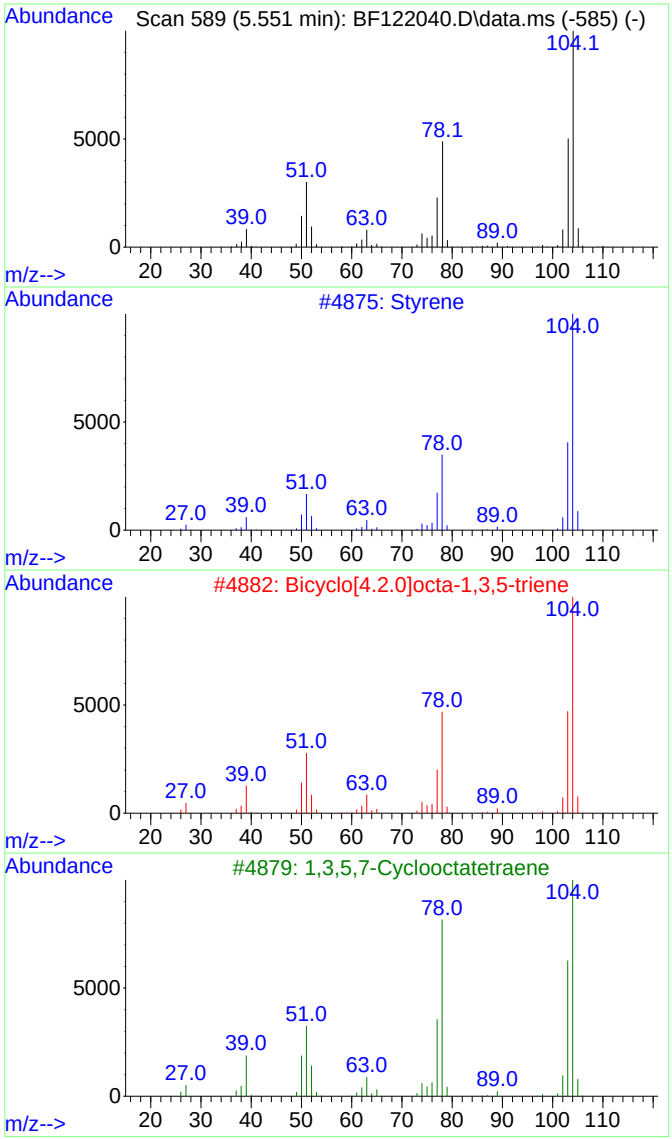
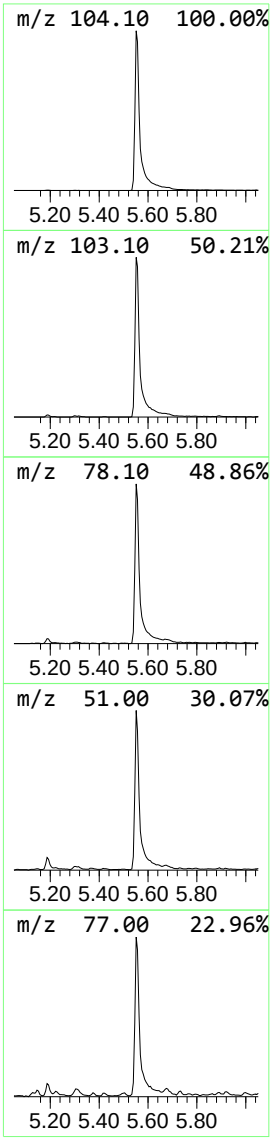
Peak Number 3 Styrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.551	68.95 ng	1981320	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	97
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	47





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Acq On : 20 Oct 2020 20:42
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Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

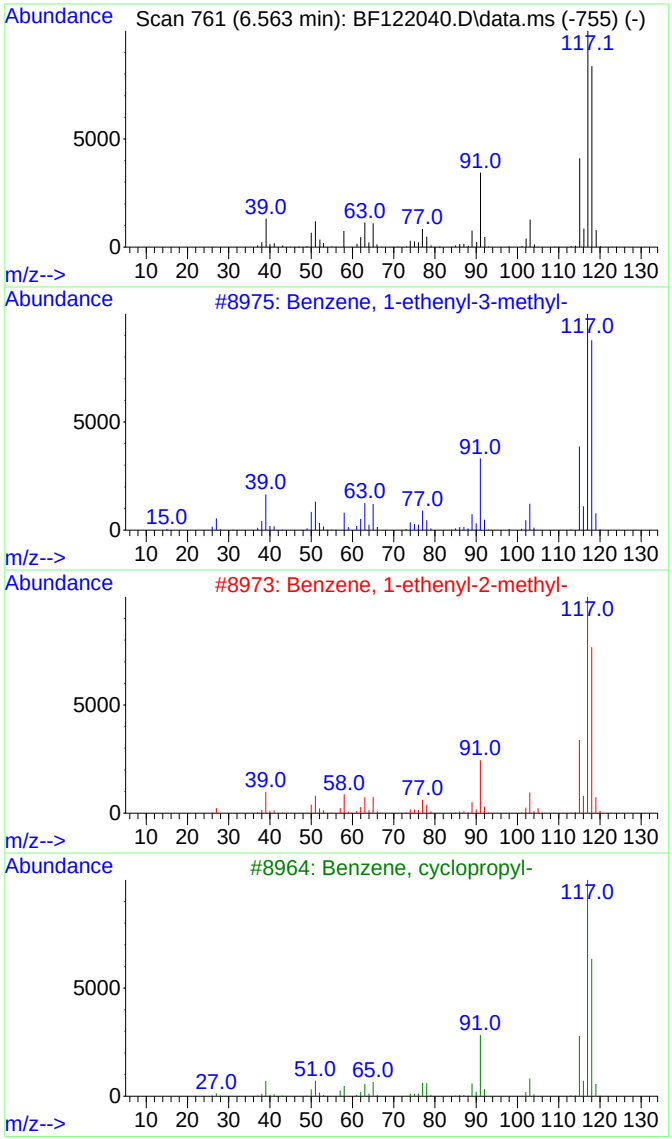
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

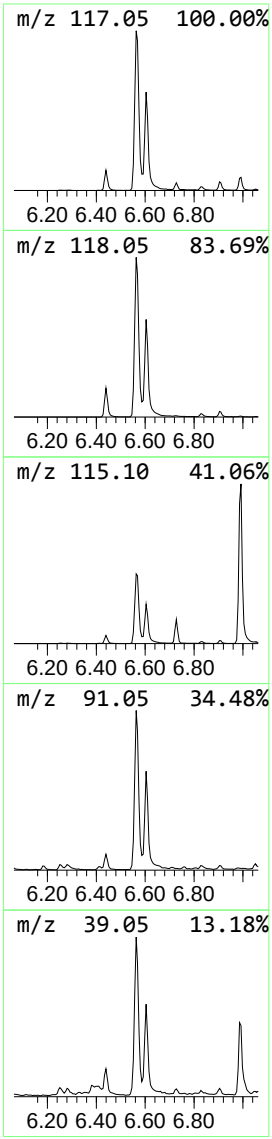
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	98.12 ng	2819460	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122040.D
Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

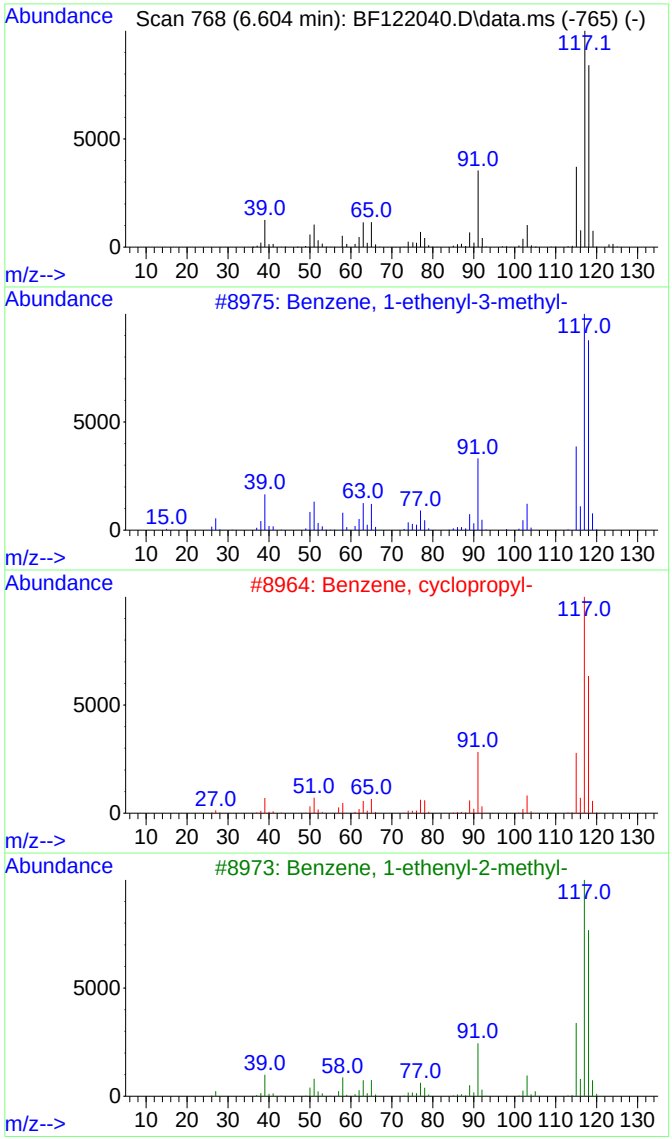
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

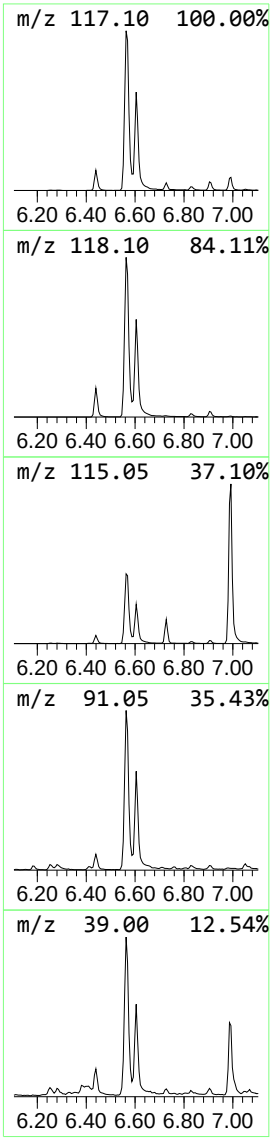
****

Peak Number 5 Benzene, cyclopropyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.604	46.54 ng	1337350	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93





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Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

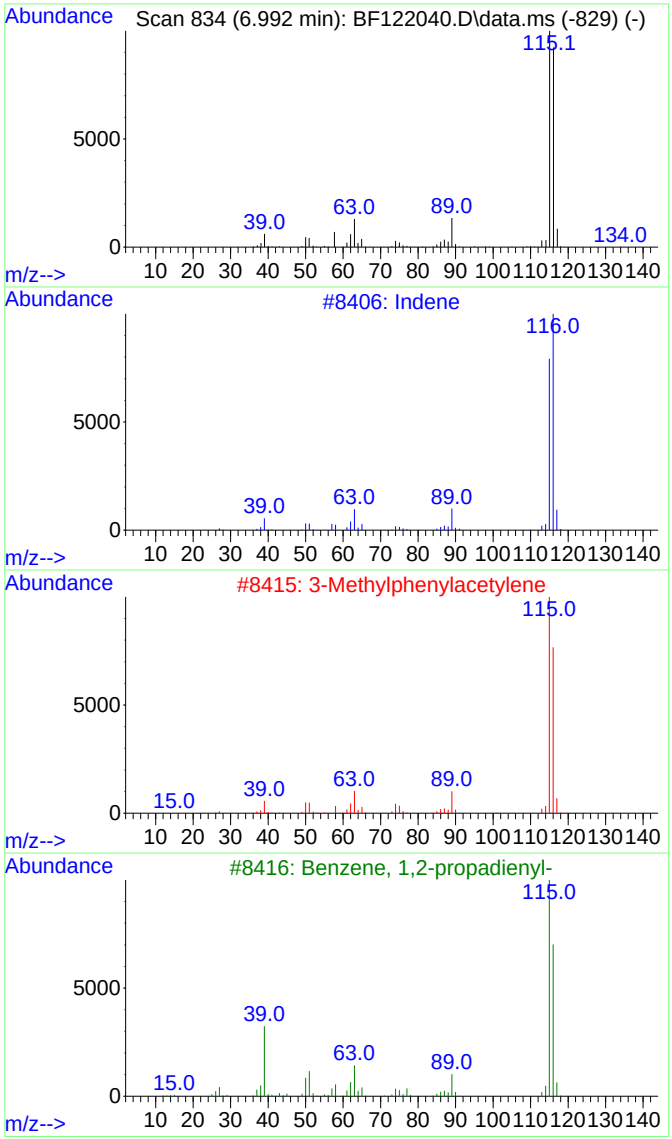
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

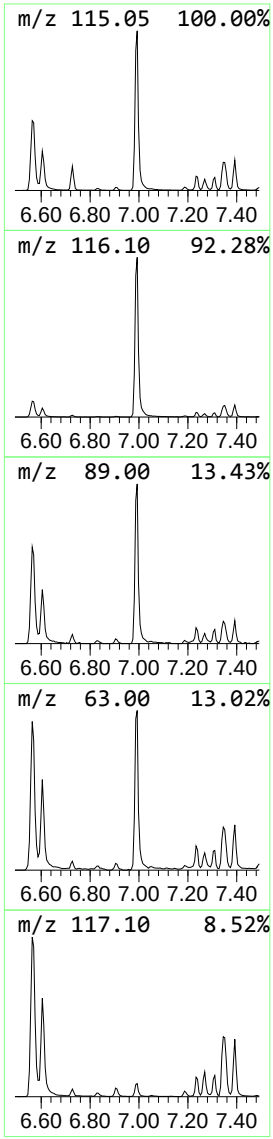
****

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.992	58.99 ng	1695000	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

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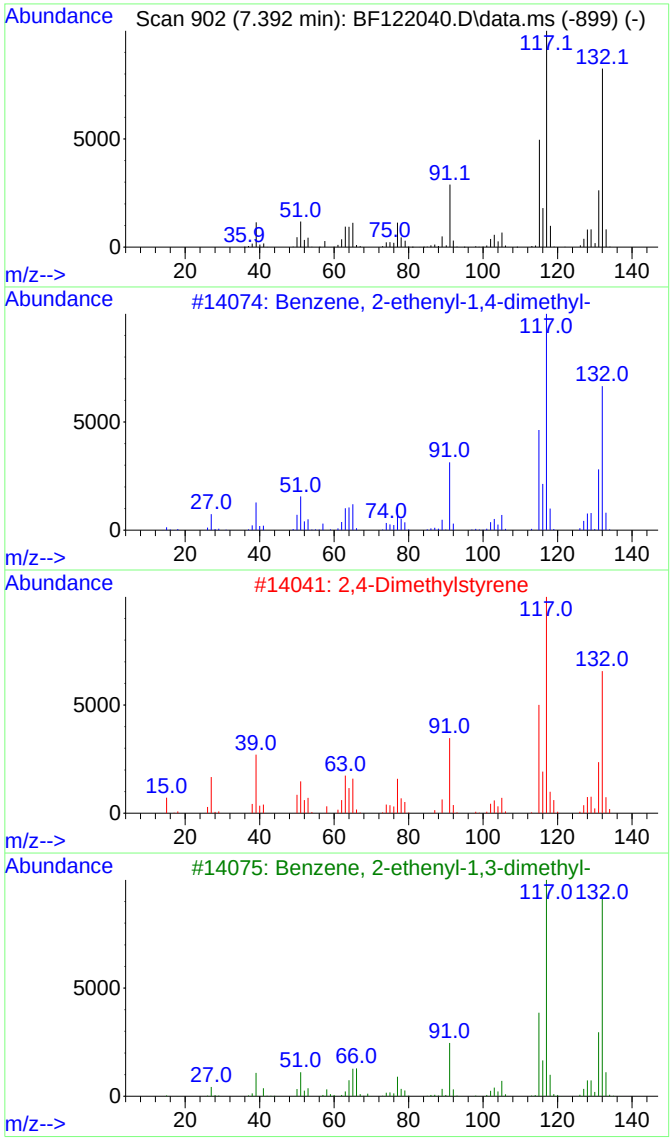
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

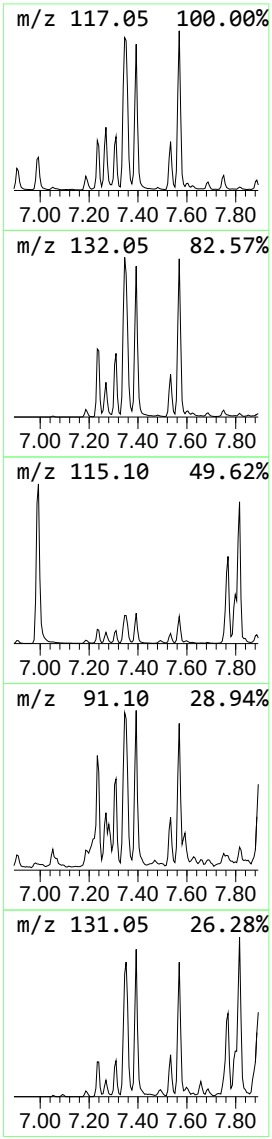
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.392	23.33 ng	793864	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	98
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95





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Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

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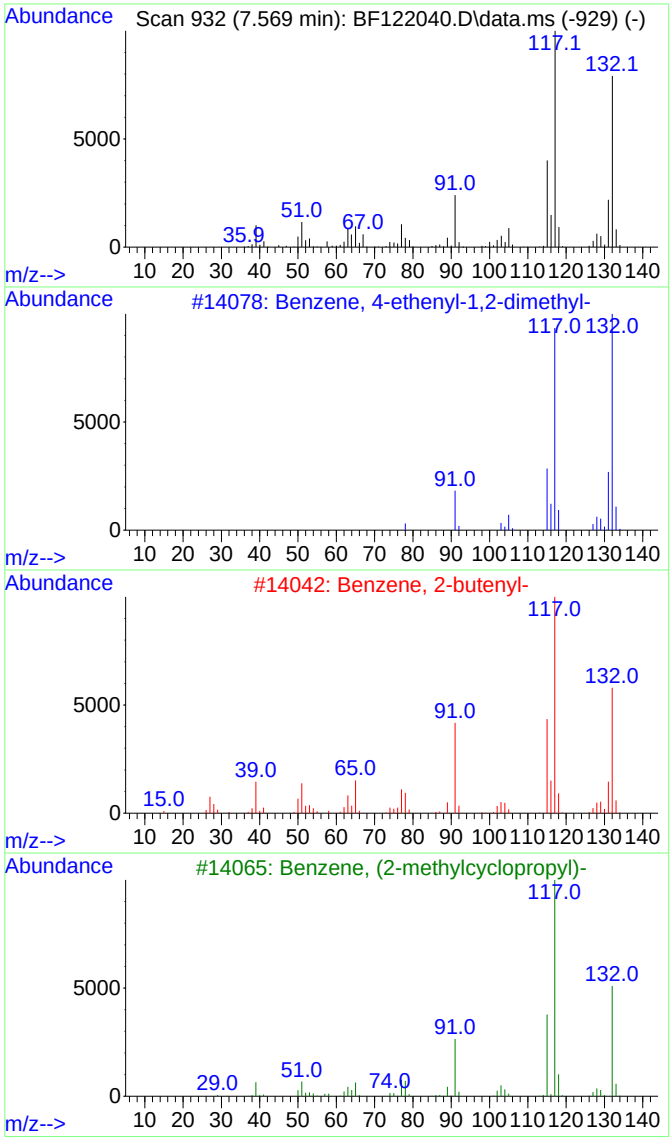
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

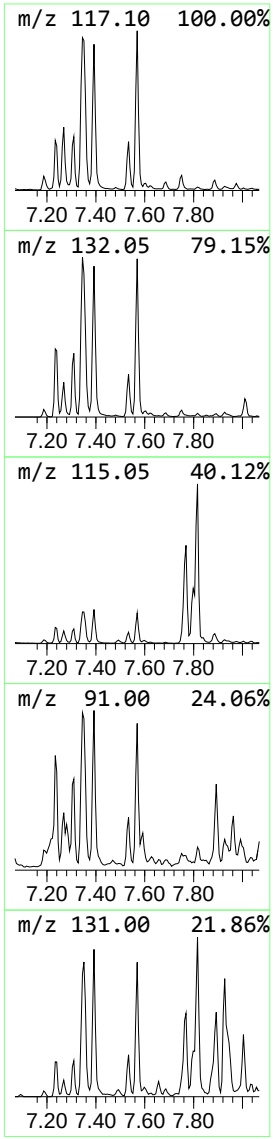
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.569	23.43 ng	797214	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	94
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94





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Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

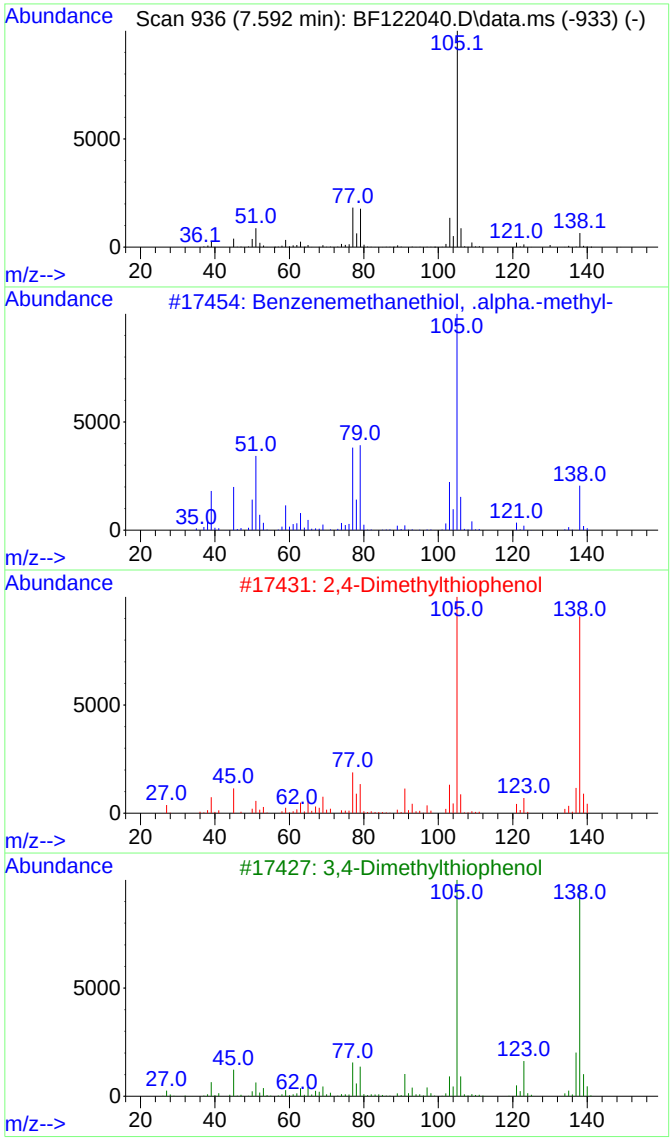
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

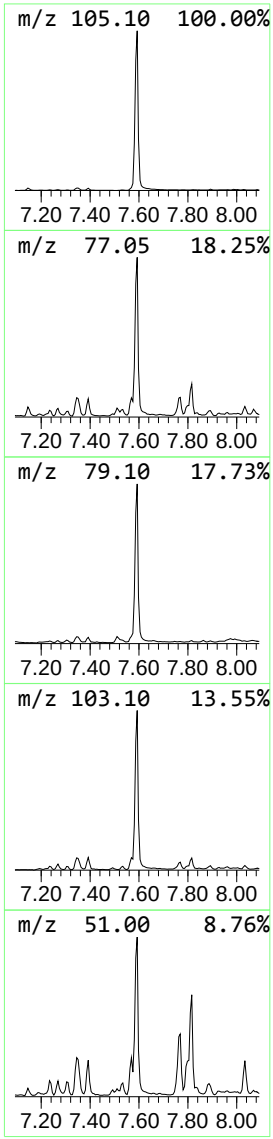
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzenemethanethiol, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	73.40 ng	2497970	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
2	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64
5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64





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Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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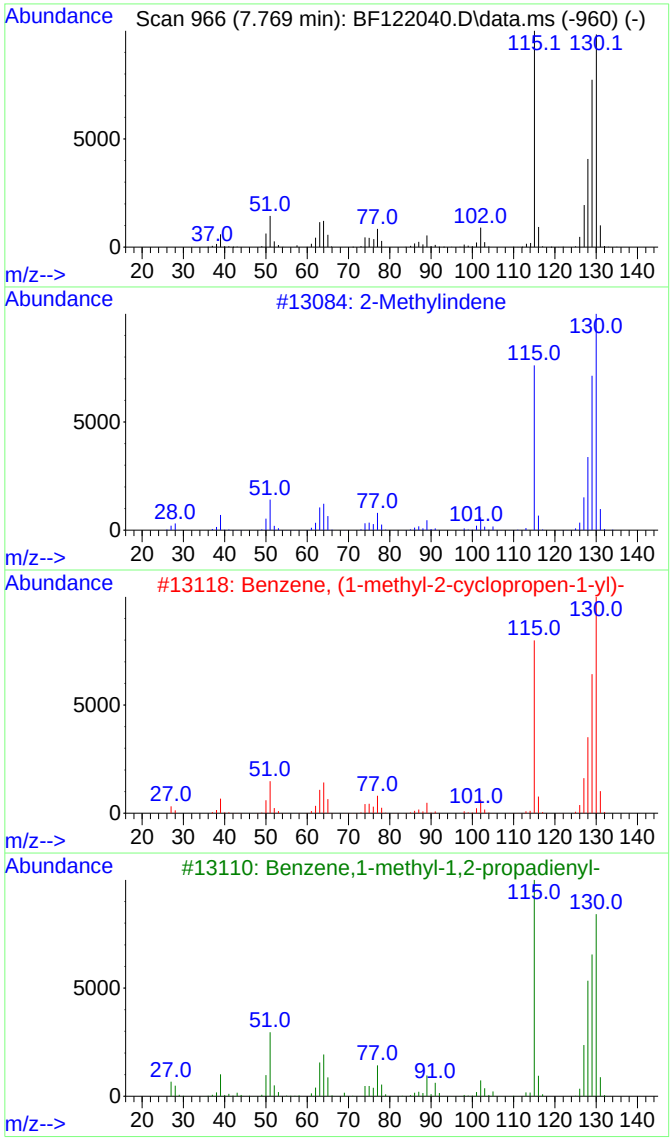
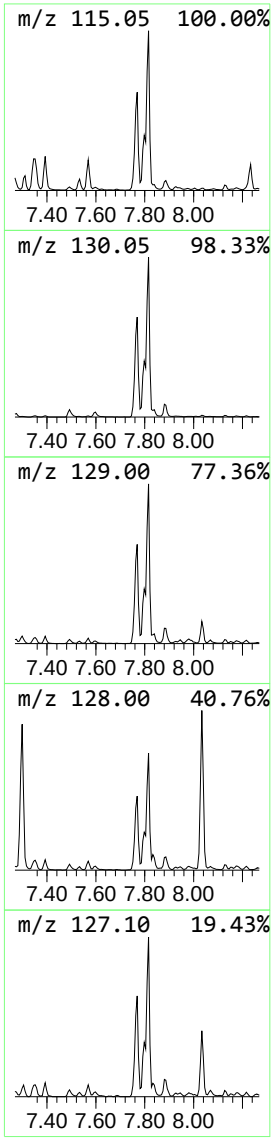
Peak Number 10 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.769	41.35 ng	1407160	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95





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Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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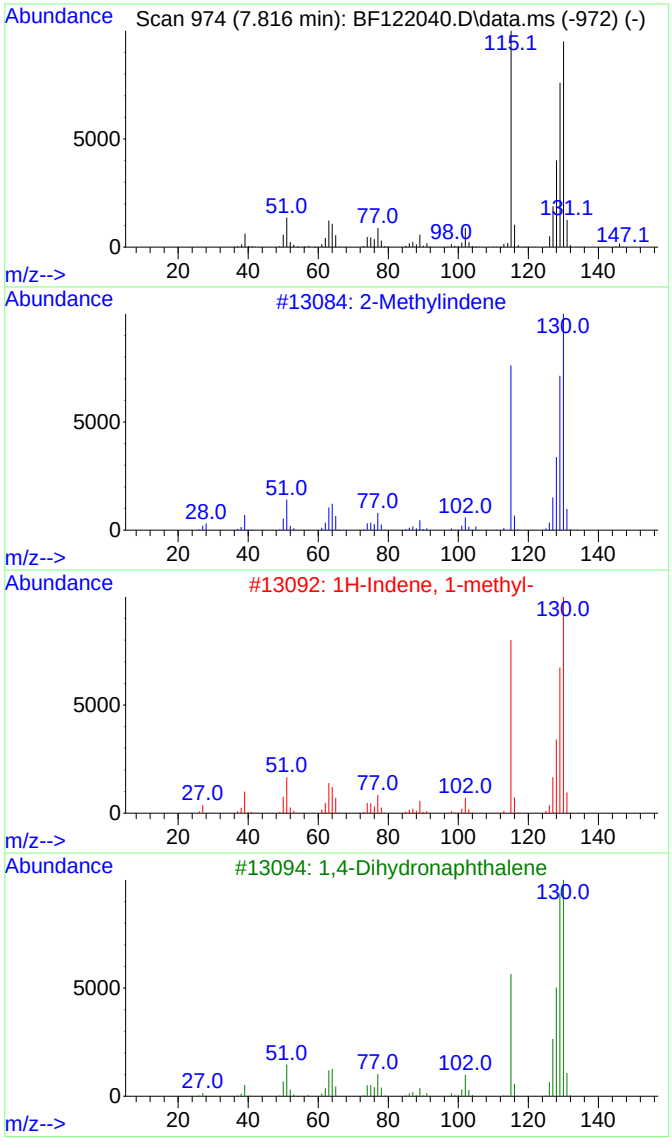
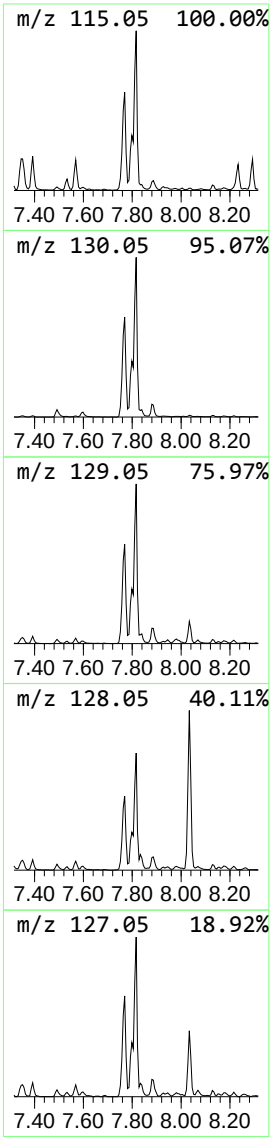
Peak Number 11 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	45.54 ng	1549800	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





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Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

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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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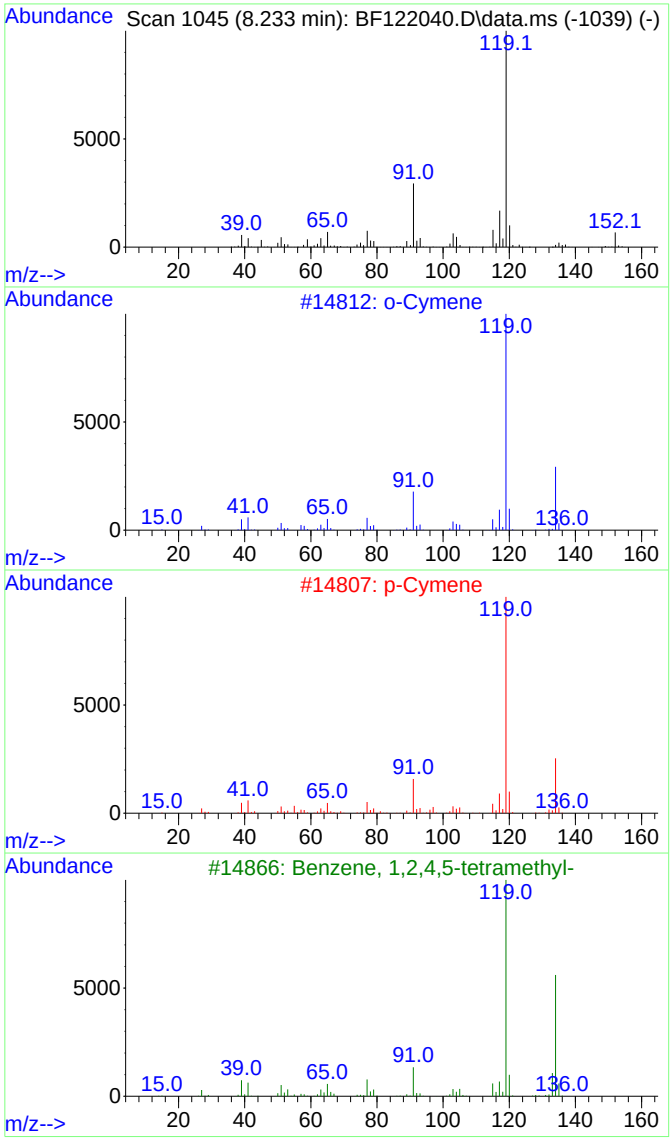
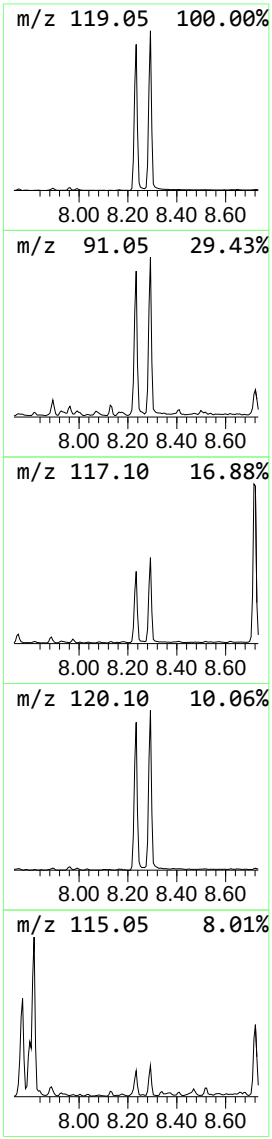
Peak Number 12 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	66.12 ng	2250150	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	p-Cymene	134	C10H14	000099-87-6	80
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80





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Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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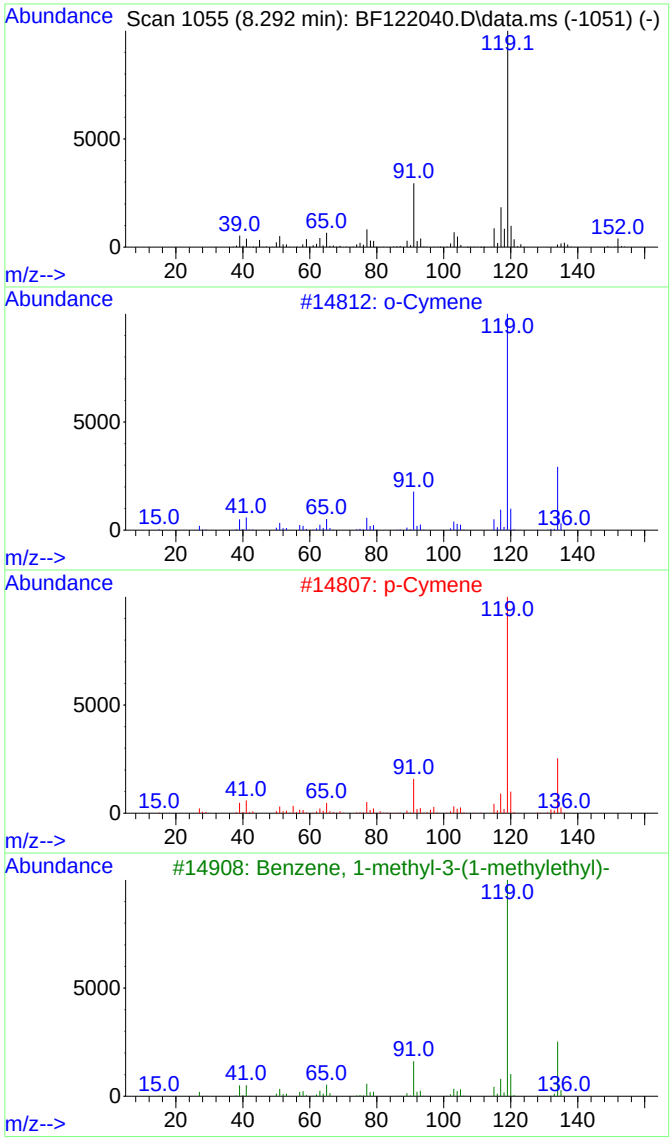
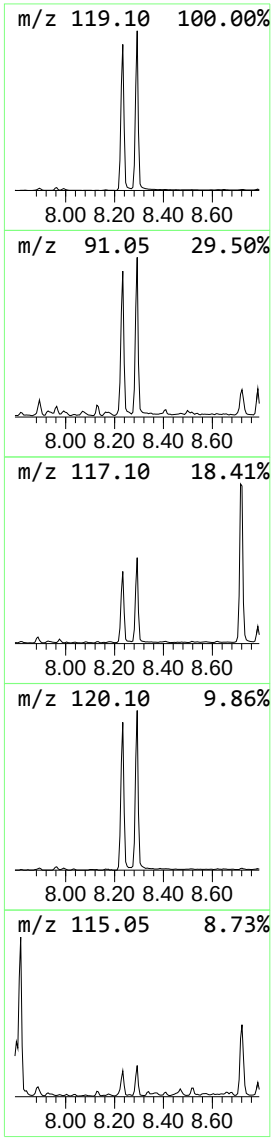
Peak Number 13 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.292	67.74 ng	2305390	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	p-Cymene	134	C10H14	000099-87-6	80
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	72





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Sample : L4435-02
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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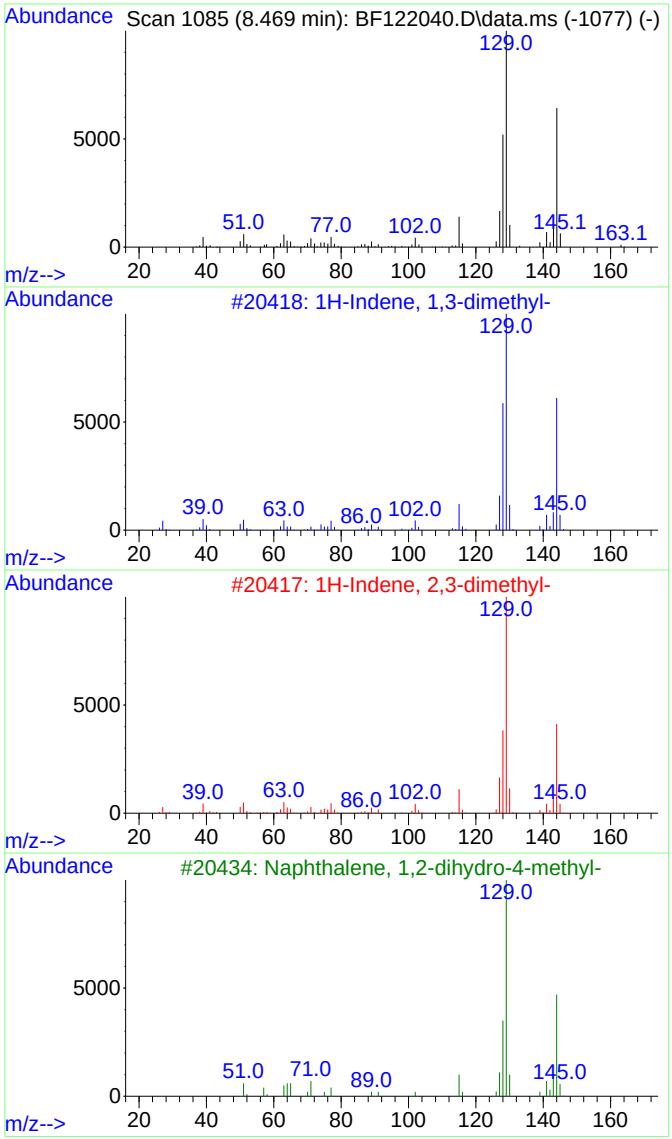
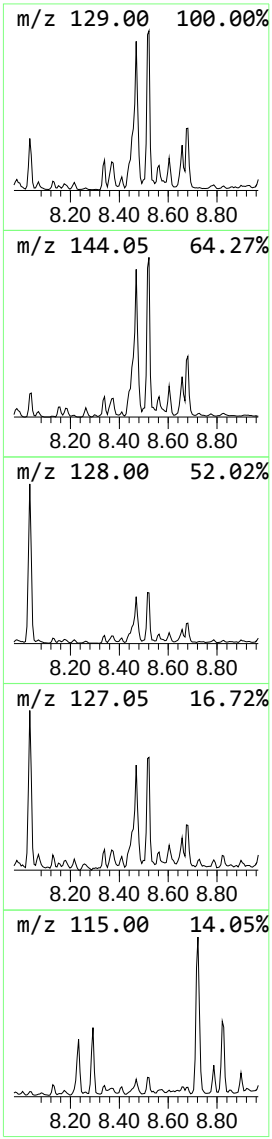
Peak Number 14 1H-Indene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	19.78 ng	673116	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	97
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	95
3	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	91
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	91
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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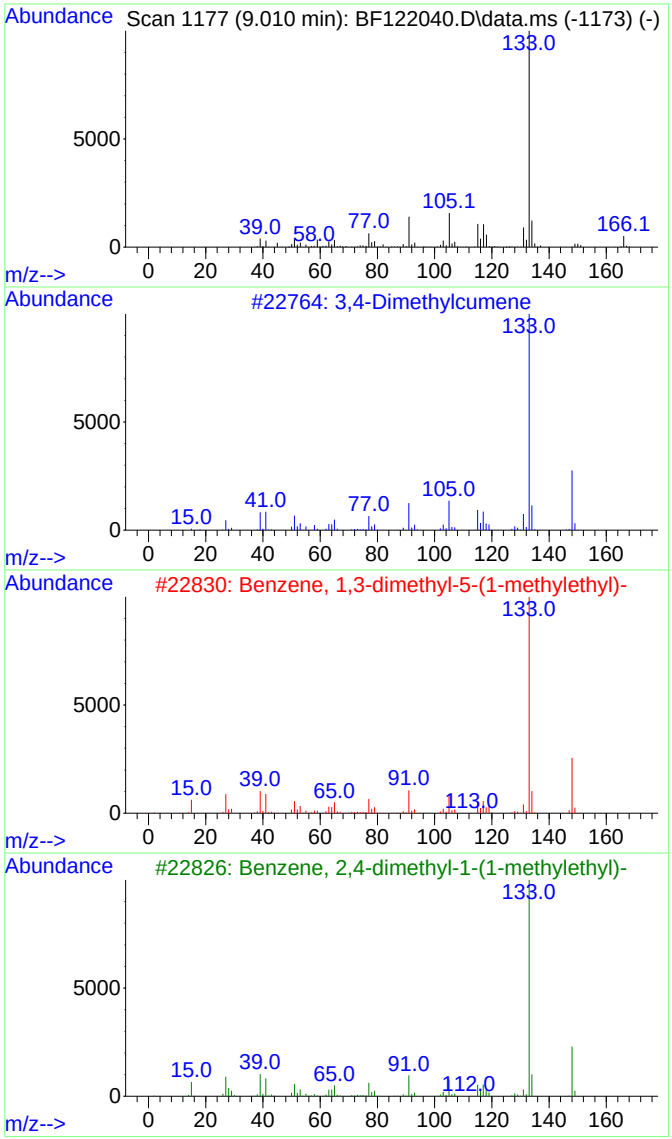
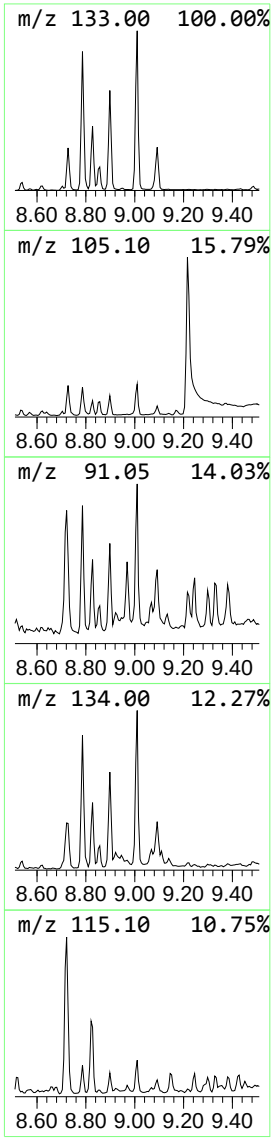
Peak Number 15 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	23.20 ng	779995	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	78
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	64





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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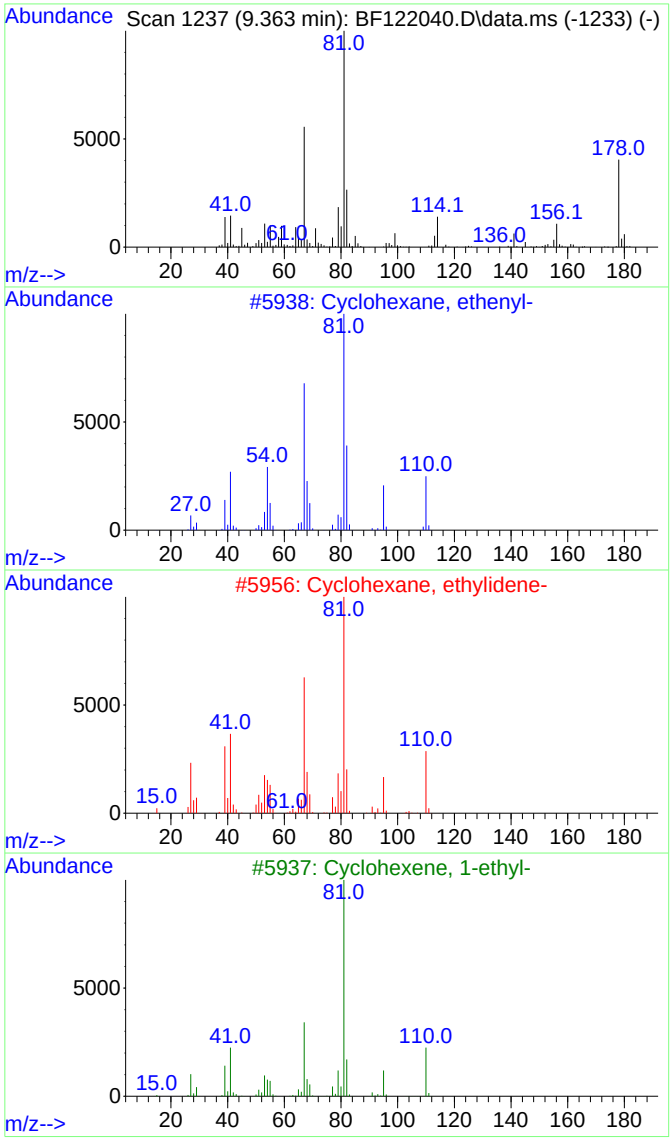
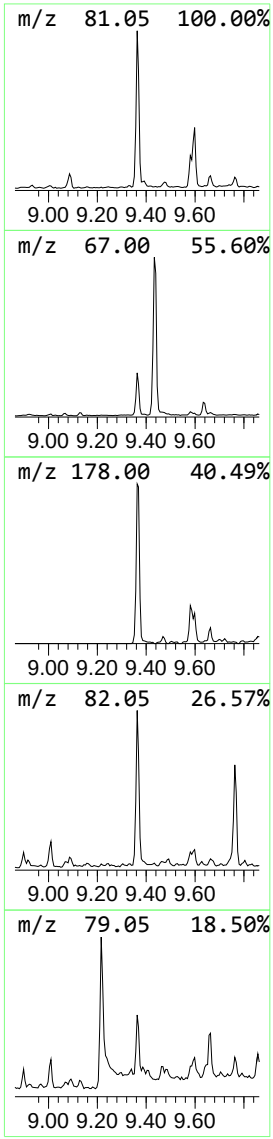
Peak Number 16 unknown9.363 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	20.09 ng	675455	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	38
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	37
4	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	35
5	Ethanone, 1-(1-methyl-2-cyclopen...	124	C8H12O	068752-16-9	27





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Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

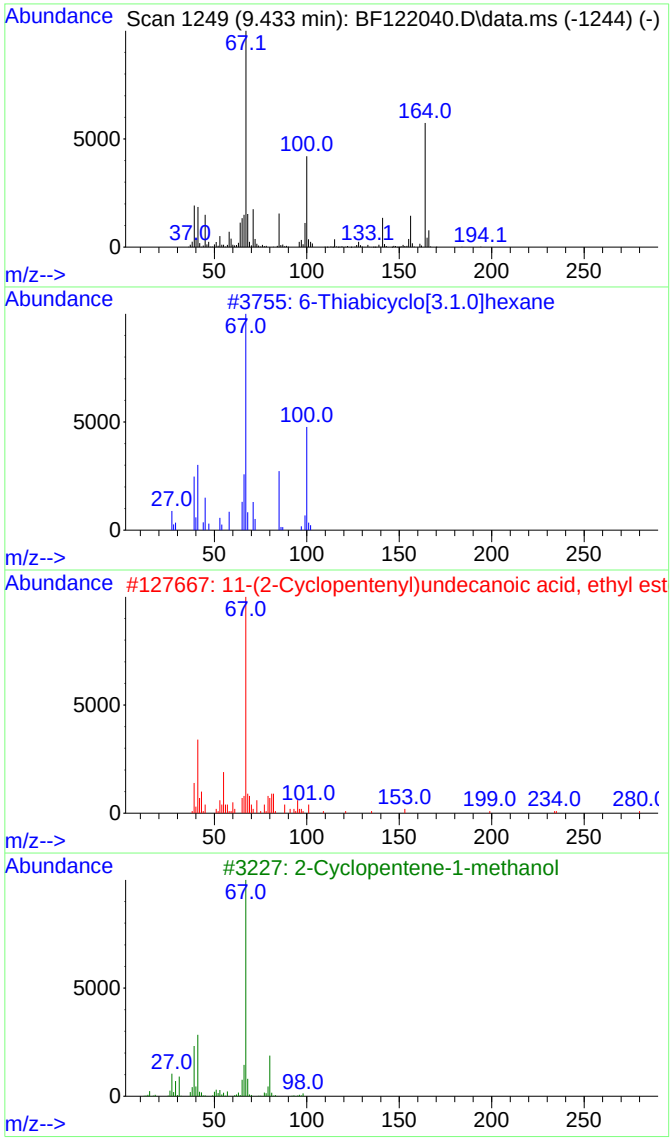
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

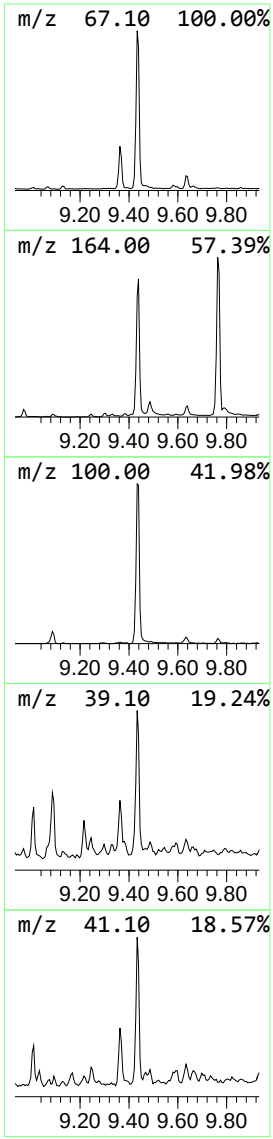
****

Peak Number 17 unknown9.433 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	46.68 ng	1569590	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Thiabicyclo[3.1.0]hexane	100	C5H8S	000285-75-6	22
2	11-(2-Cyclopentenyl)undecanoic a...	280	C18H32O2	003552-12-3	16
3	2-Cyclopentene-1-methanol	98	C6H10O	013668-59-2	16
4	6-Methyl-4-methoxy-benzofurazan	164	C8H8N2O2	063006-67-7	11
5	1-Propyl-1-cyclopentanol	128	C8H16O	001604-02-0	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122040.D
Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

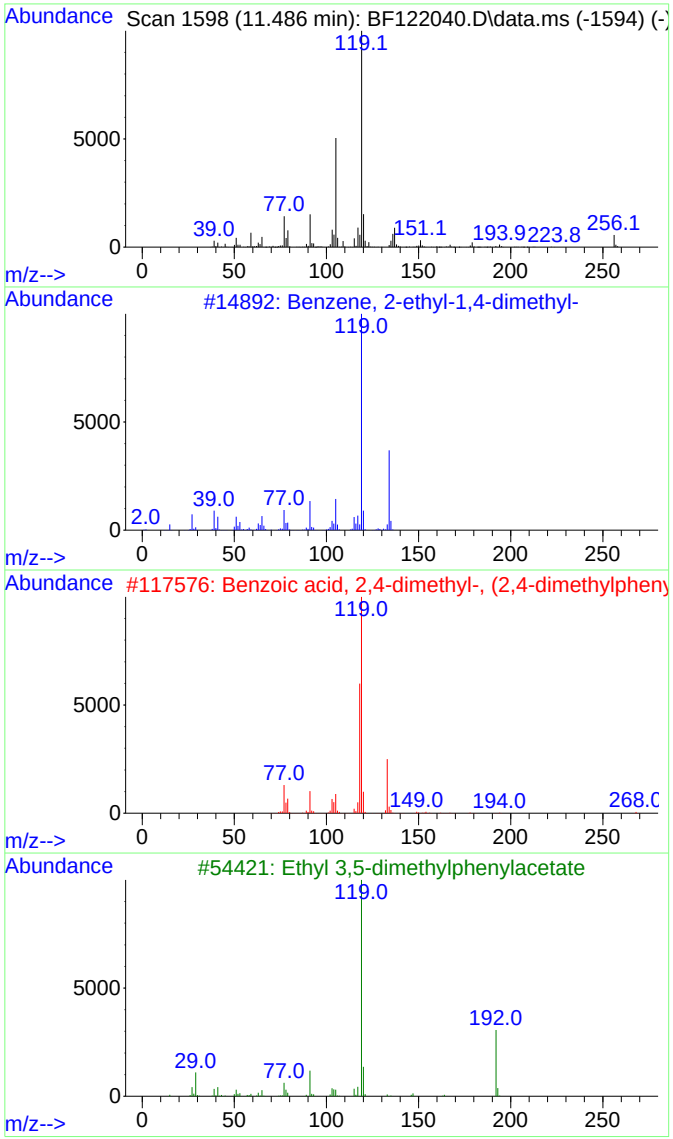
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

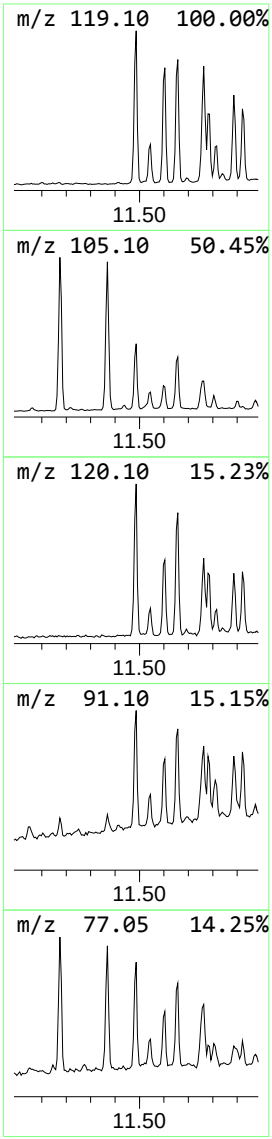
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.486	24.73 ng	764430	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
2	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	59
3	Ethyl 3,5-dimethylphenylacetate	192	C12H16O2	105337-18-6	59
4	Chrysanthemumic acid 2,4-dimethy...	286	C19H26O2	000070-38-2	59
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59





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Data File : BF122040.D
Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

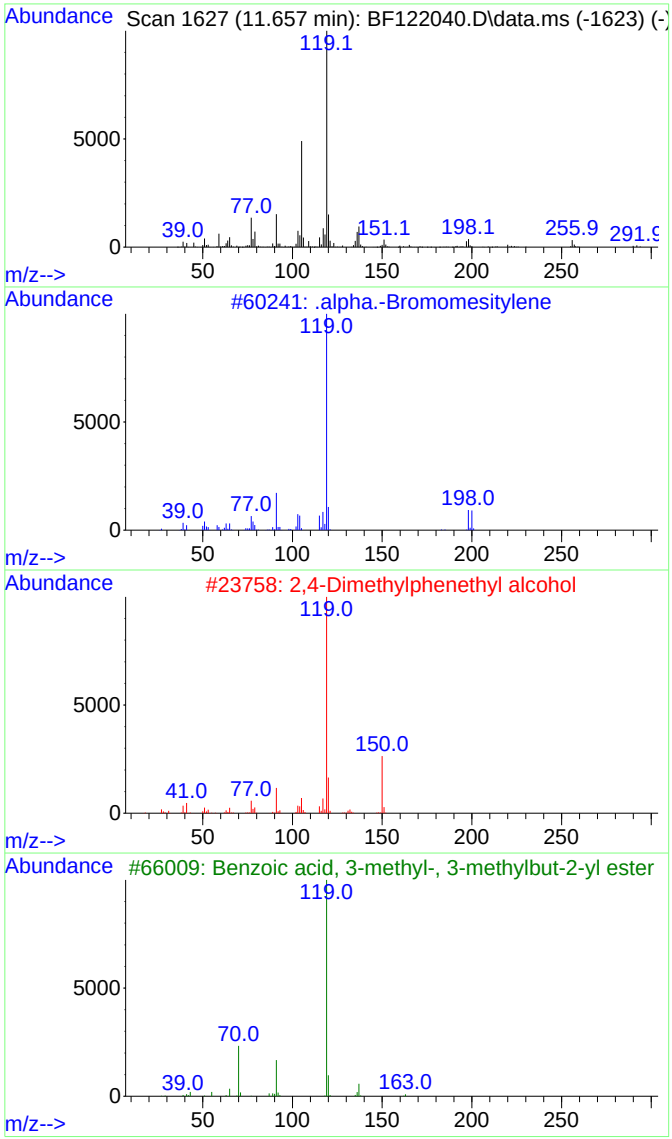
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

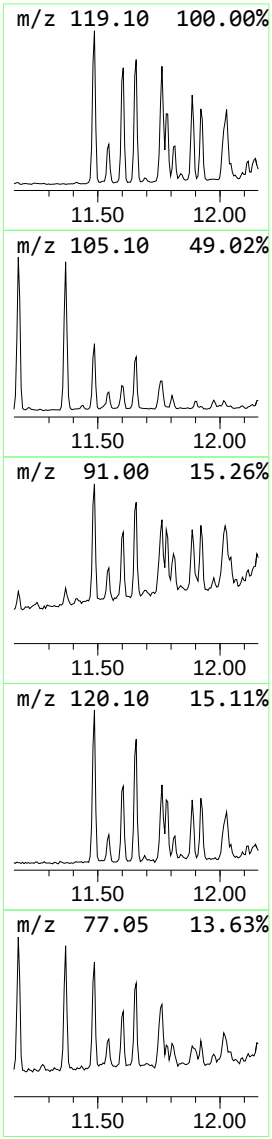
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 .alpha.-Bromomesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	23.75 ng	734149	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	68
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	64
3	Benzoic acid, 3-methyl-, 3-methy...	206	C13H18O2	1000355-70-5	59
4	Chrysanthemumic acid 2,4-dimethy...	286	C19H26O2	000070-38-2	59
5	trans-3-Caren-2-ol	152	C10H16O	1000151-75-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122040.D
Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

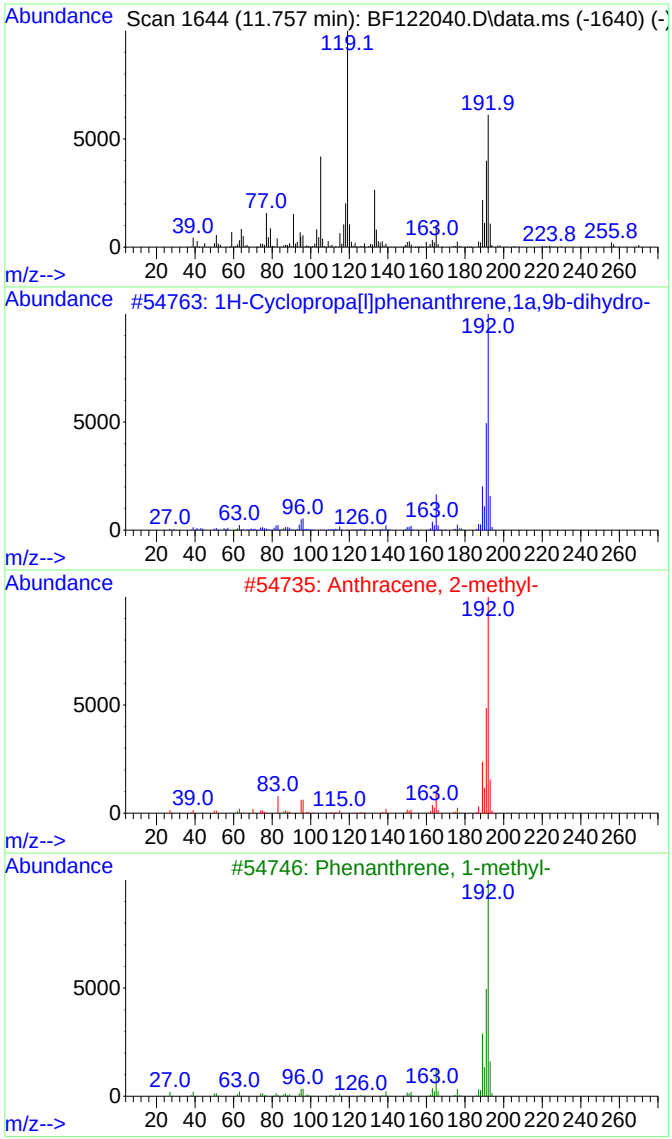
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

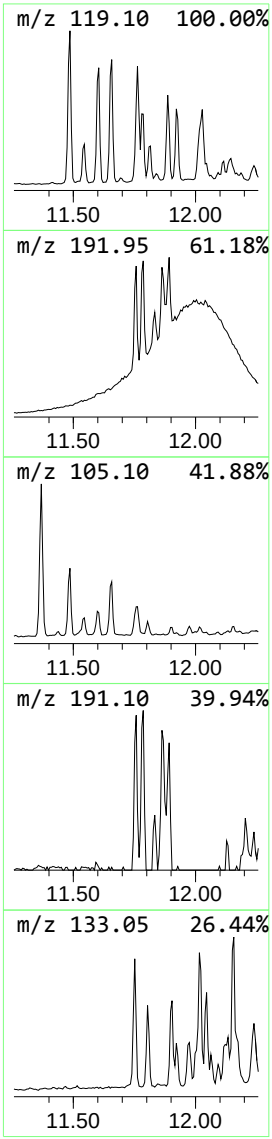
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	32.02 ng	989859	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122040.D
Acq On : 20 Oct 2020 20:42
Operator : JU/CG
Sample : L4435-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5412

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
3-Penten-2-one,...	4.275	29.2	ng	839064	1	6.728	574673	20.0
2-Pentanone, 4-...	4.940	100.6	ng	2890230	1	6.728	574673	20.0
Styrene	5.551	69.0	ng	1981320	1	6.728	574673	20.0
Benzene, 1-ethe...	6.563	98.1	ng	2819460	1	6.728	574673	20.0
Benzene, cyclop...	6.604	46.5	ng	1337350	1	6.728	574673	20.0
Indene	6.992	59.0	ng	1695000	1	6.728	574673	20.0
Benzene, 2-ethe...	7.392	23.3	ng	793864	2	8.010	680628	20.0
Benzene, 4-ethe...	7.569	23.4	ng	797214	2	8.010	680628	20.0
Benzenemethanet...	7.592	73.4	ng	2497970	2	8.010	680628	20.0
2-Methylindene	7.769	41.4	ng	1407160	2	8.010	680628	20.0
1H-Indene, 1-me...	7.816	45.5	ng	1549800	2	8.010	680628	20.0
o-Cymene	8.233	66.1	ng	2250150	2	8.010	680628	20.0
p-Cymene	8.292	67.7	ng	2305390	2	8.010	680628	20.0
1H-Indene, 1,3-...	8.469	19.8	ng	673116	2	8.010	680628	20.0
3,4-Dimethylcumene	9.010	23.2	ng	779995	3	9.763	672476	20.0
unknown9.363	9.363	20.1	ng	675455	3	9.763	672476	20.0
unknown9.433	9.433	46.7	ng	1569590	3	9.763	672476	20.0
Benzene, 2-ethy...	11.486	24.7	ng	764430	4	11.251	618212	20.0
.alpha.-Bromome...	11.657	23.8	ng	734149	4	11.251	618212	20.0
1H-Cyclopropa[l...	11.757	32.0	ng	989859	4	11.251	618212	20.0