LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.390	360	366	369	rBV2	461830	663899	6.14%	0.281%
2	5.419	369	371	380	rVB2	259812	339248	3.14%	0.144%
3	5.513	380	387	395	rBV2	2677625	5020811	46.46%	2.127%
4	5.731	418	424	433	rBV2	147341	326505	3.02%	0.138%
5	5.825	433	440	445	rBV3	199879	377960	3.50%	0.160%
6	5.907	448	454	457	rBV	473679	682988	6.32%	0.289%
7	5.966	457	464	472	rVB2	989330	1768213	16.36%	0.749%
8	6.137	487	493	501	rVB2	333469	577771	5.35%	0.245%
9	6.231	501	509	517	rBV3	1856189	4141110	38.32%	1.755%
10	6.296	517	520	523	rVB3	246682	280154	2.59%	0.119%
11	6.354	523	530	536	rVB	2002969	3807089	35.23%	1.613%
12	6.449	540	546	553	rBV4	2090167	3457475	32.00%	1.465%
13	6.525	553	559	563	rBV	3439278	5132223	47.49%	2.175%
14	6.572	563	567	568	rBV	884140	1058809	9.80%	0.449%
15	6.602	568	572	576	rBV4	1215701	1874921	17.35%	0.794%
16	6.719	587	592	598	rVB5	489905	986703	9.13%	0.418%
17	6.784	598	603	609	rVB3	588166	978746	9.06%	0.415%
18	6.849	609	614	616	rBV	2042683	3312612	30.66%	1.404%
19	6.931	622	628	630	rBV	1713225	2828747	26.18%	1.199%
20	6.966	630	634	639	rVV	5224207	7601569	70.35%	3.221%
21	7.019	639	643	646	rVV	1636039	2370909	21.94%	1.005%
22	7.060	646	650	654	rVV2	2262582	3939893	36.46%	1.669%
23	7.125	654	661	667	rVV3	4662620	10114597	93.60%	4.286%
24	7.190	667	672	680	rVB	3018149	4725240	43.73%	2.002%
25	7.313	685	693	696	rBV3	798701	1607047	14.87%	0.681%
26	7.354	696	700	704	rVB3	916051	1231612	11.40%	0.522%
27	7.396	704	707	709	rBV3	250341	325187	3.01%	0.138%
28	7.460	709	718	723	rVV	1649939	3906681	36.15%	1.655%
29	7.531	727	730	738	rVV3	1226182	2501531	23.15%	1.060%
30	7.619	738	745	750	rVV2	5367566	10805871	100.00%	4.579%
31	7.696	754	758	764	rVB3	615956	988379	9.15%	0.419%
32	7.748	764	767	769	rBV	361641	384572	3.56%	0.163%
33	7.790	769	774	775	rBV	1263047	1626582	15.05%	0.689%
34	7.813	775	778	784	rVV2	1468398	2287028	21.16%	0.969%
35	7.878	784	789	790	rVV2	1863453	2592691	23.99%	1.099%
36	7.901	791	793	798	rVV	2320044	3397810	31.44%	1.440%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.966	798	804	808	rVB	5546164	9062813	83.87%	3.840%
38	8.013	808	812	814	rBV	1113583	1534040	14.20%	0.650%
39	8.054	814	819	823	rVV	2132088	4564767	42.24%	1.934%
40	8.090	823	825	835	rVB2	1558615	2817595	26.07%	1.194%
41	8.172	835	839	843	rBV	2936696	4132244	38.24%	1.751%
42	8.213	843	846	847	rVV2	307066	322999	2.99%	0.137%
43	8.243	847	851	852	rVV	1472507	1759820	16.29%	0.746%
44	8.272	852	856	863	rVB	3250637	5780386	53.49%	2.449%
45	8.337	863	867	868	rBV	452744	543172	5.03%	0.230%
46	8.419	876	881	886	rBV3	1483548	2457875	22.75%	1.041%
47	8.472	886	890	892	rVV	1010745	1656209	15.33%	0.702%
48	8.519	893	898	904	rVV2	4571598	8487858	78.55%	3.596%
49	8.578	904	908	911	rVV	2293903	2909934	26.93%	1.233%
50	8.619	911	915	919	rVV2	3500704	5669112	52.46%	2.402%
51	8.672	922	924	930	rVB3	1394374	2024079	18.73%	0.858%
52	8.754	931	938	940	rBV	1562652	2456879	22.74%	1.041%
53	8.784	940	943	946	rVB	779314	924302	8.55%	0.392%
54	8.937	965	969	973	rVB	1029032	1322676	12.24%	0.560%
55	8.990	973	978	986	rBV	1651845	2696161	24.95%	1.142%
56	9.090	986	995	999	rBV2	2675578	5733457	53.06%	2.429%
57	9.131	999	1002	1006	rVB	1375317	1862180	17.23%	0.789%
58	9.190	1006	1012	1014	rBV4	965245	1607298	14.87%	0.681%
59	9.254	1021	1023	1027	rVB	636945	771869	7.14%	0.327%
60	9.343	1027	1038	1044	rBV5	2135318	6723485	62.22%	2.849%
61	9.425	1044	1052	1054	rVV2	987540	2112412	19.55%	0.895%
62	9.478	1054	1061	1068	rVB5	1639358	4364701	40.39%	1.849%
63	9.572	1069	1077	1081	rBV3	1000538	2260180	20.92%	0.958%
64	9.613	1081	1084	1087	rVV	825545	1338356	12.39%	0.567%
65	9.666	1090	1093	1099	rVB2	1269588	2151157	19.91%	0.911%
66	9.760	1105	1109	1120	rVB	544225	1059639	9.81%	0.449%
67	9.872	1120	1128	1132	rVV2	1263494	2382024	22.04%	1.009%
68	9.919	1132	1136	1140	rVV2	1194182	1919489	17.76%	0.813%
69	9.984	1140	1147	1154	rVV3	1189807	3214743	29.75%	1.362%
70	10.066	1154	1161	1166	rVV2	907624	2148705	19.88%	0.910%
71	10.137	1166	1173	1177	rVV	885404	1508456	13.96%	0.639%
72	10.190	1177	1182	1185	rVV3	634826	1298965	12.02%	0.550%
73	10.248	1189	1192	1198	rVV2	678865	1119318	10.36%	0.474%
74	10.325	1200	1205	1210	rVV2	665195	1487403	13.76%	0.630%
75	10.372	1210	1213	1217	rVV3	536443	872921	8.08%	0.370%
76	10.413	1217	1220	1225	rVV	275811	432728	4.00%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.484	1228	1232	1237	rVB	306743	472631	4.37%	0.200%
78	10.560	1237	1245	1251	rVB3	179826	431557	3.99%	0.183%
79	10.778	1275	1282	1287	rBV2	852752	1678474	15.53%	0.711%
80	10.831	1287	1291	1300	rVB	580802	1130802	10.46%	0.479%
81	10.913	1300	1305	1309	rBV5	185741	327743	3.03%	0.139%
82	10.954	1309	1312	1317	rVV	312935	444908	4.12%	0.189%
83	11.013	1317	1322	1328	rVV4	144105	292902	2.71%	0.124%
84	11.201	1350	1354	1364	rVB7	132643	361947	3.35%	0.153%
85	11.495	1393	1404	1408	rVV8	115528	314455	2.91%	0.133%
86	11.813	1453	1458	1468	rBV3	113563	275935	2.55%	0.117%
87	12.436	1556	1564	1570	rVB2	152905	275285	2.55%	0.117%
88	13.230	1692	1699	1712	rBV	3860026	5664553	52.42%	2.400%
89	13.513	1741	1747	1755	rVB	423334	671171	6.21%	0.284%
90	14.601	1923	1932	1940	rBV	1076960	1639866	15.18%	0.695%
91	16.077	2177	2183	2193	rVV	2458017	3726070	34.48%	1.579%
92	16.336	2219	2227	2232	rBV	232079	441673	4.09%	0.187%
93	17.336	2391	2397	2403	rBV	1074815	1543967	14.29%	0.654%
94	18.230	2545	2549	2556	rBV	194892	271536	2.51%	0.115%
95	19.177	2705	2710	2714	rVV2	397507	487189	4.51%	0.206%
96	19.948	2836	2841	2848	rVB	4709726	5782078	53.51%	2.450%
97	20.359	2907	2911	2916	rVB2	219557	280561	2.60%	0.119%
98	21.218	3053	3057	3062	rBV2	328410	432473	4.00%	0.183%
99	21.501	3100	3105	3116	rVV	1223599	1706712	15.79%	0.723%
100	23.912	3509	3515	3526	rVB2	891684	1837603	17.01%	0.779%

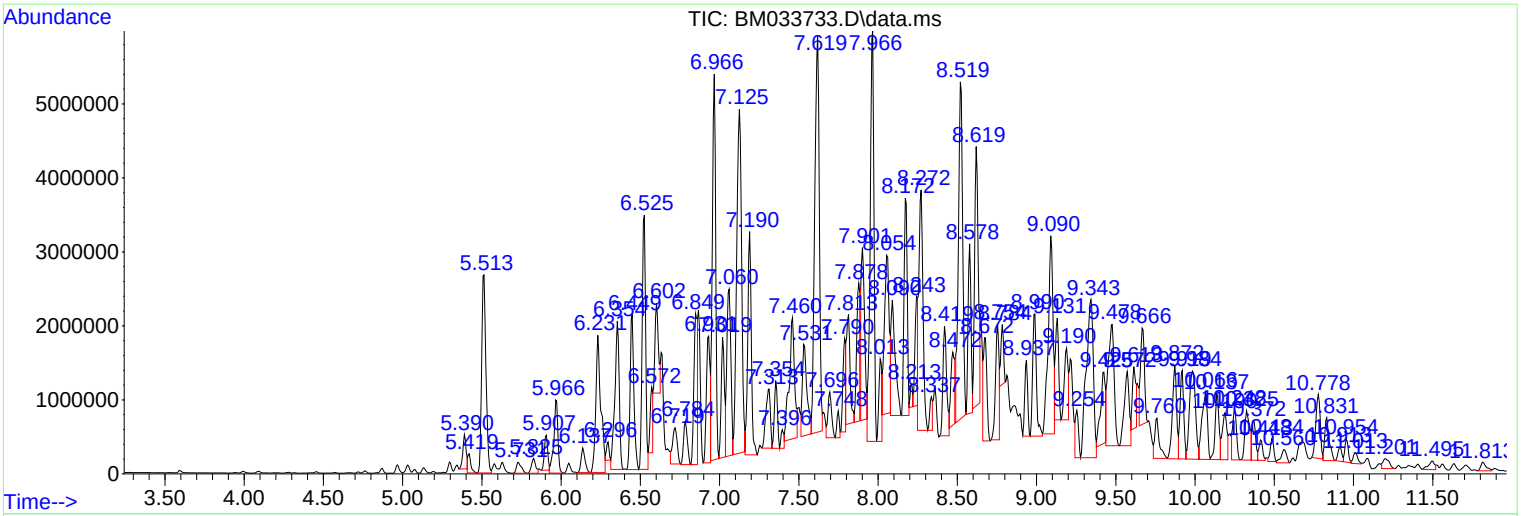
Sum of corrected areas: 236007681

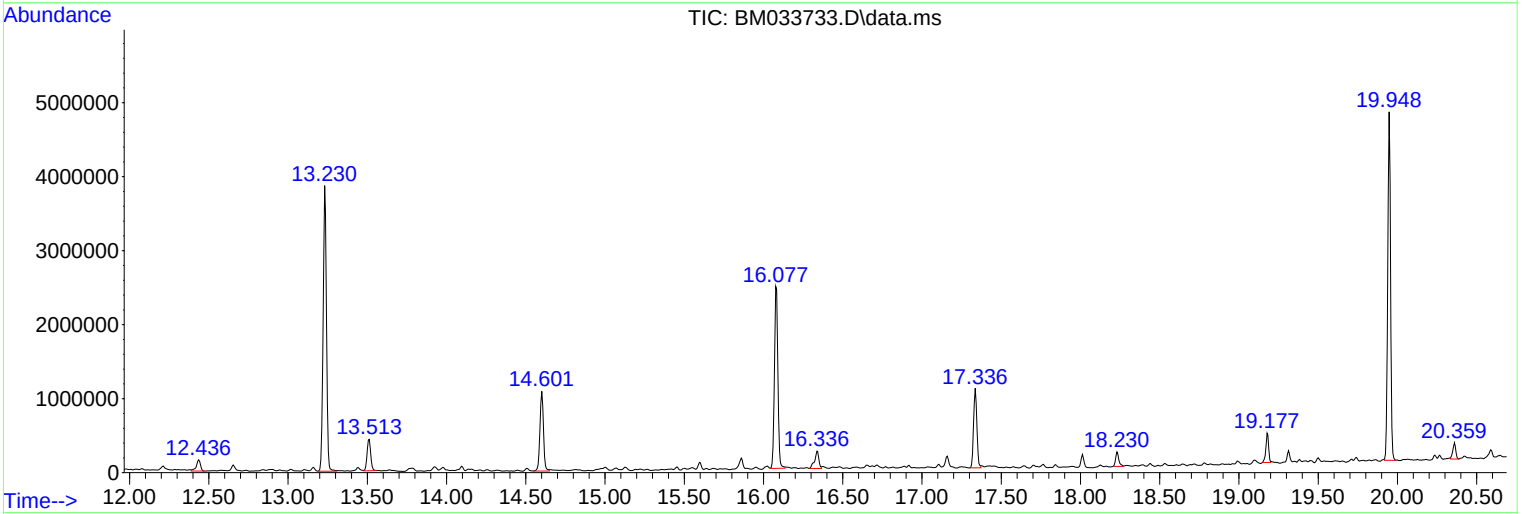
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

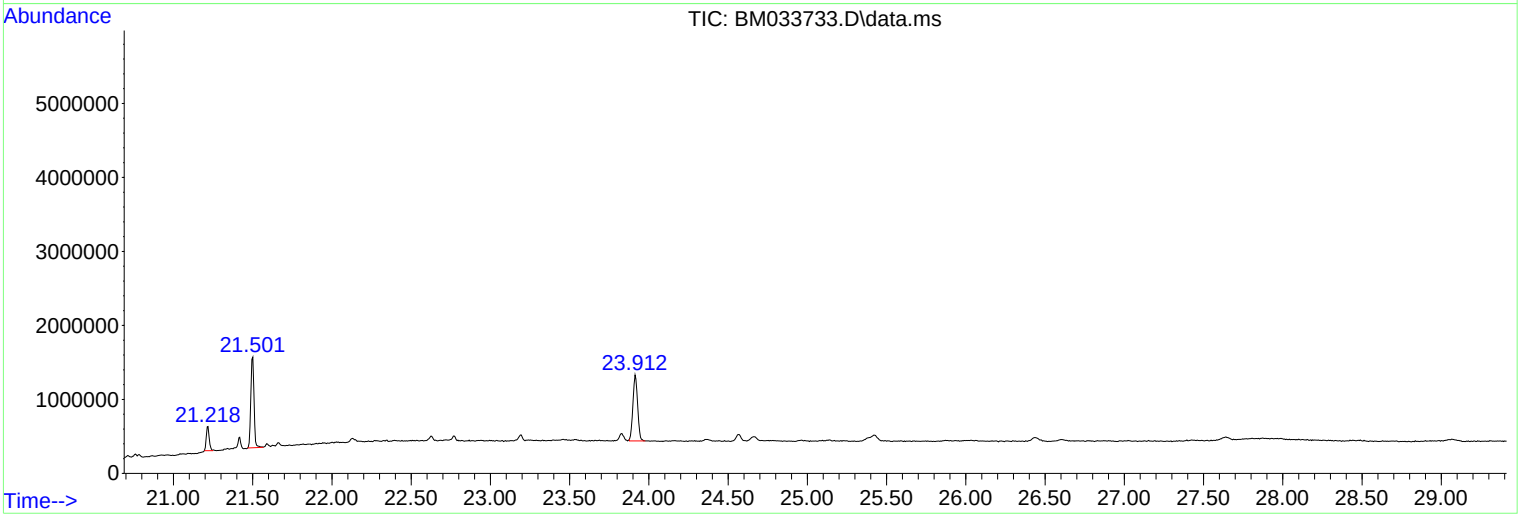
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

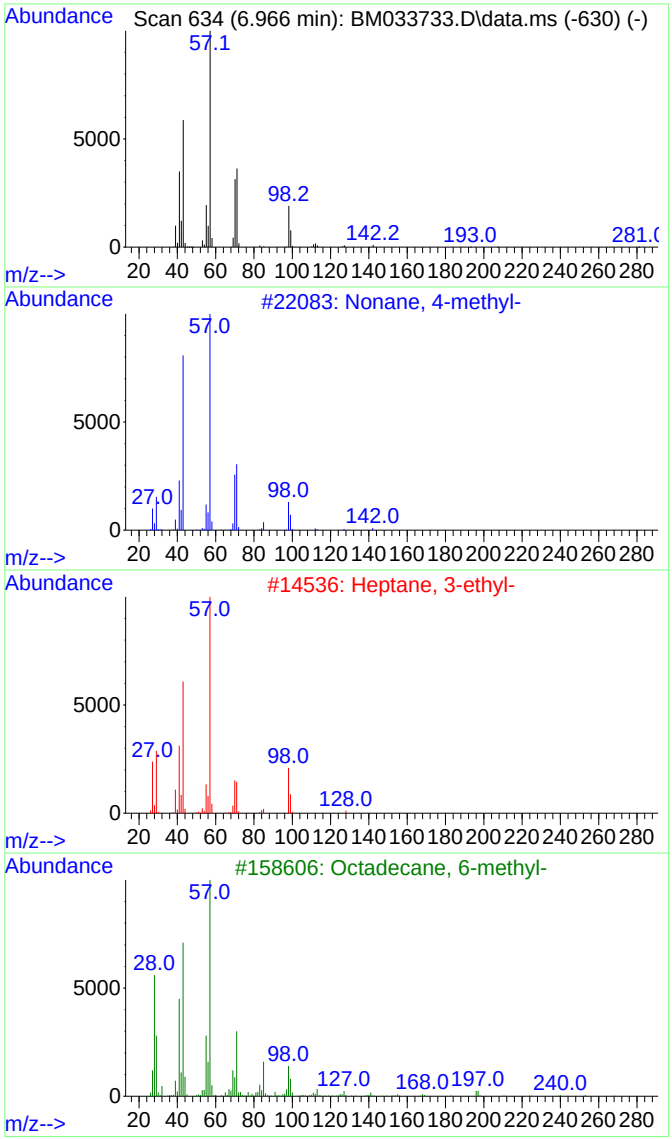
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

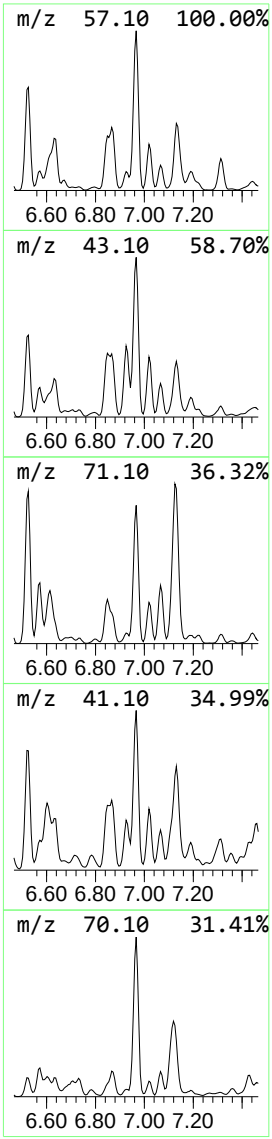
****

Peak Number 1 Nonane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.966	16.78 ng	7601570	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
3	Octadecane, 6-methyl-	268	C19H40	010544-96-4	53
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

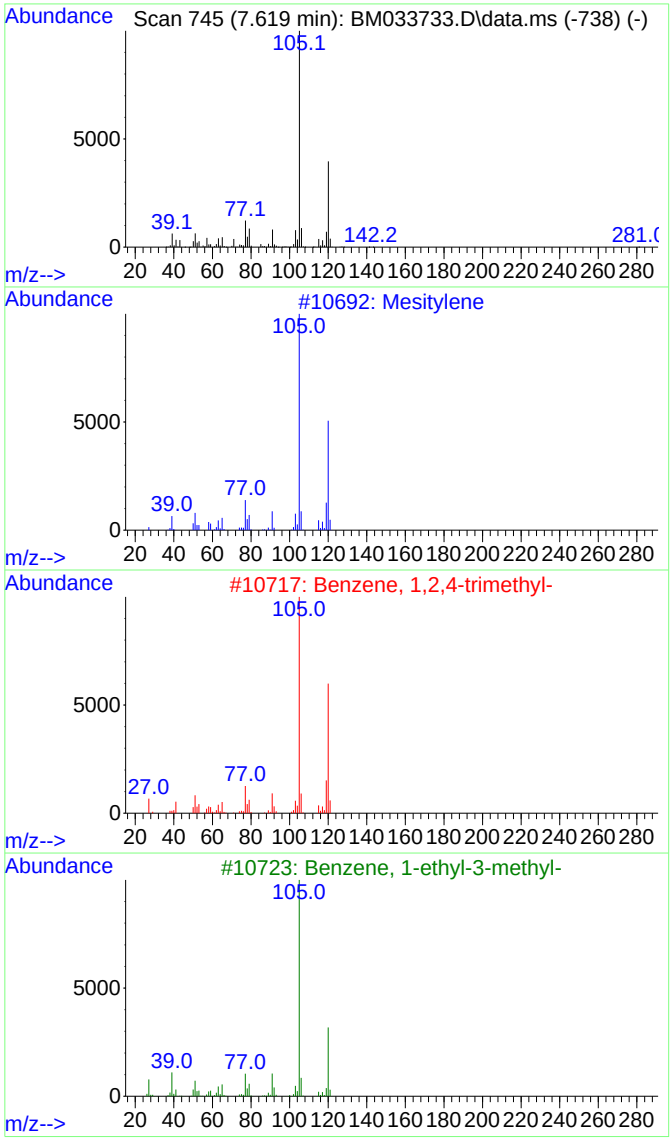
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

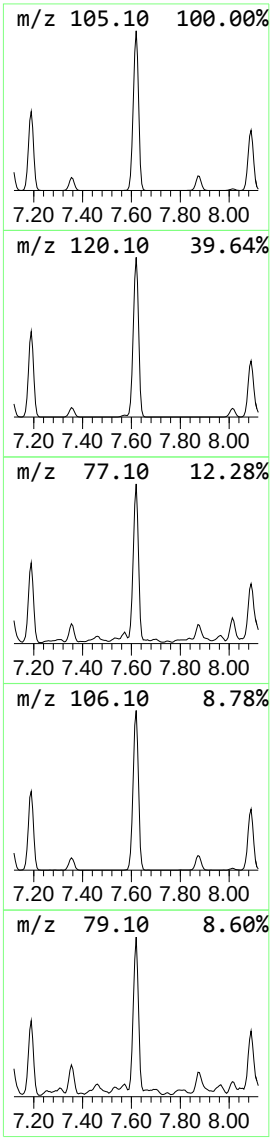
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.619	23.85 ng	10805900	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

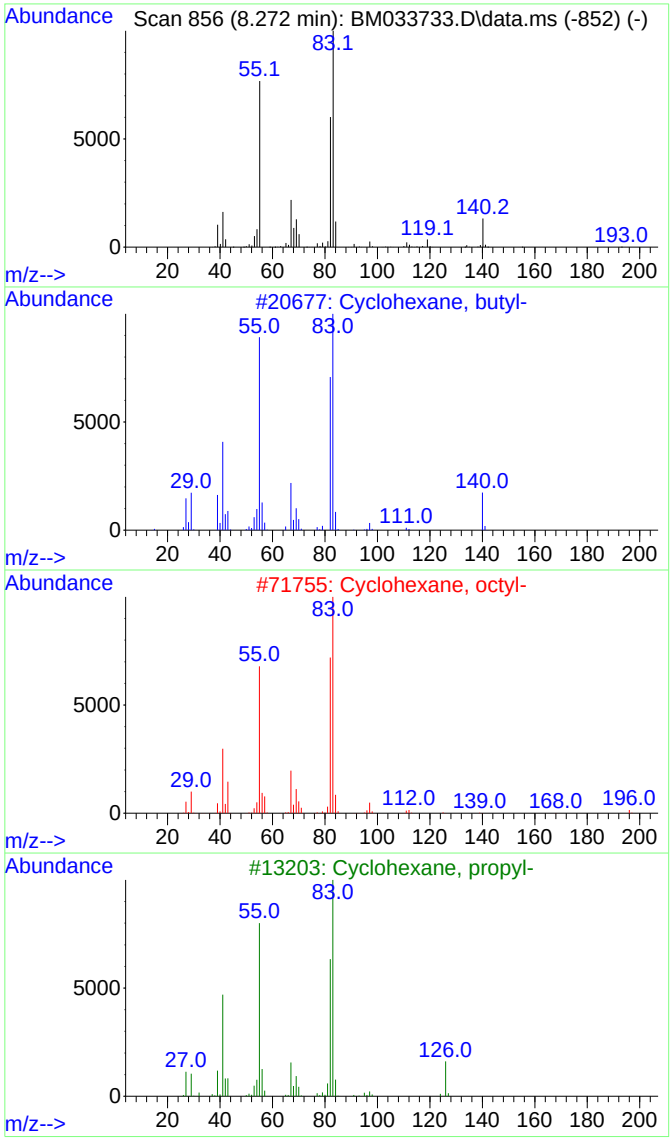
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

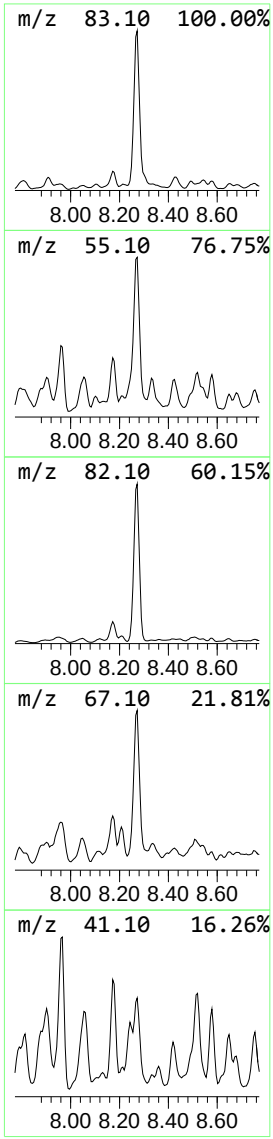
****

Peak Number 3 Cyclohexane, butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.272	12.76 ng	5780390	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

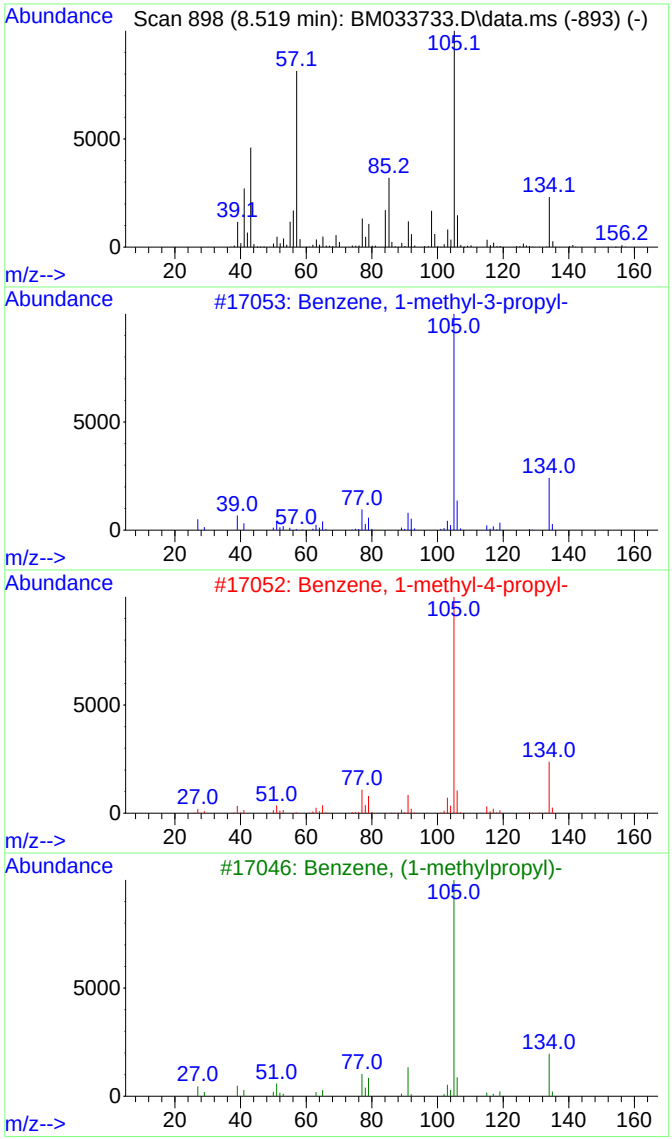
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

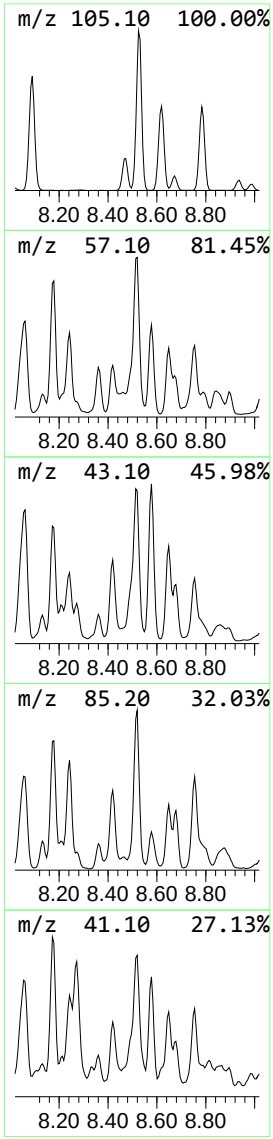
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.519	18.73 ng	8487860	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	41
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

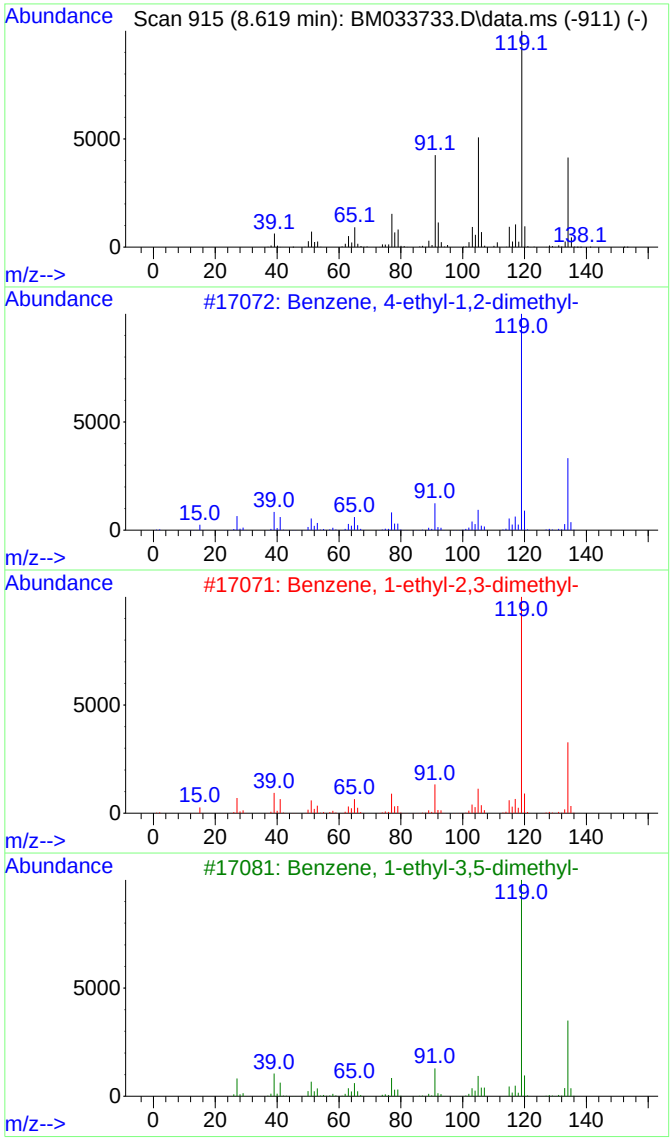
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

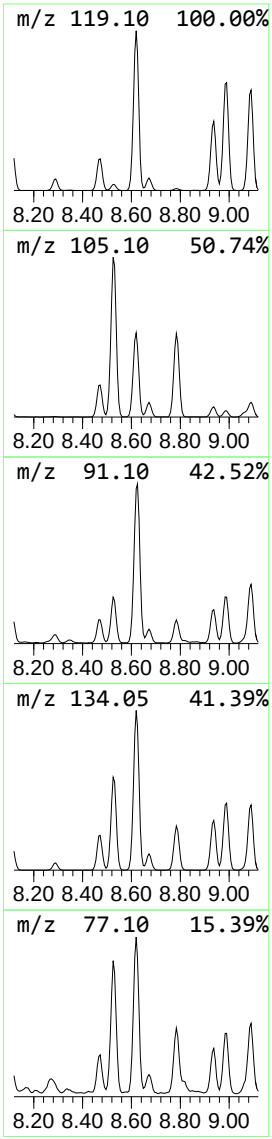
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.619	12.51 ng	5669110	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92





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Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

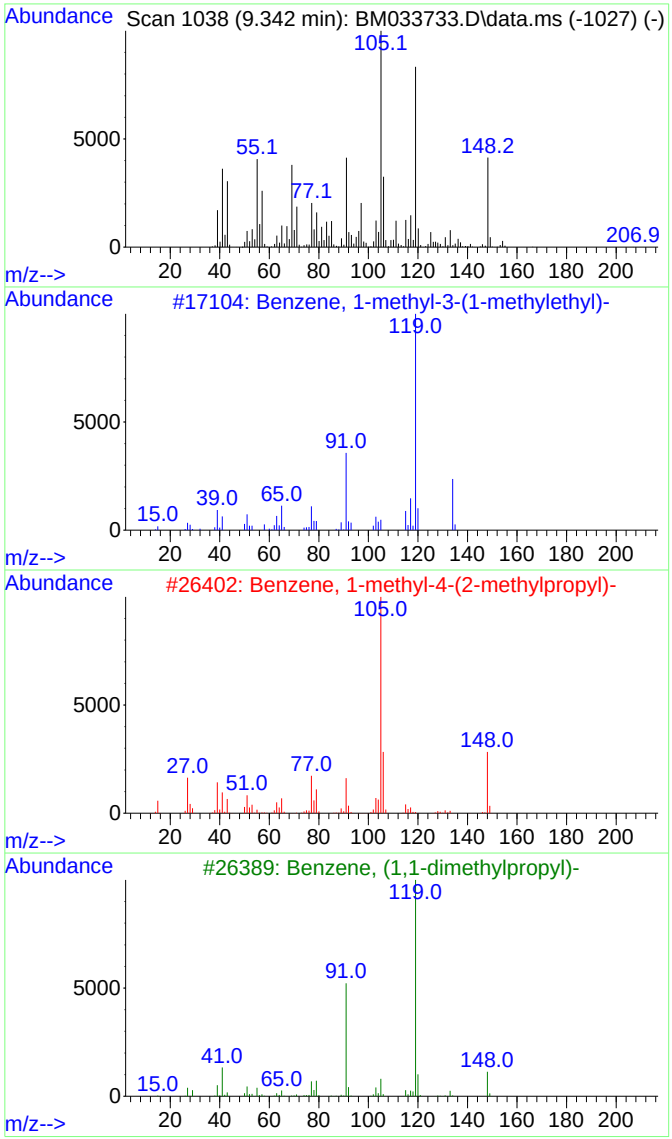
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

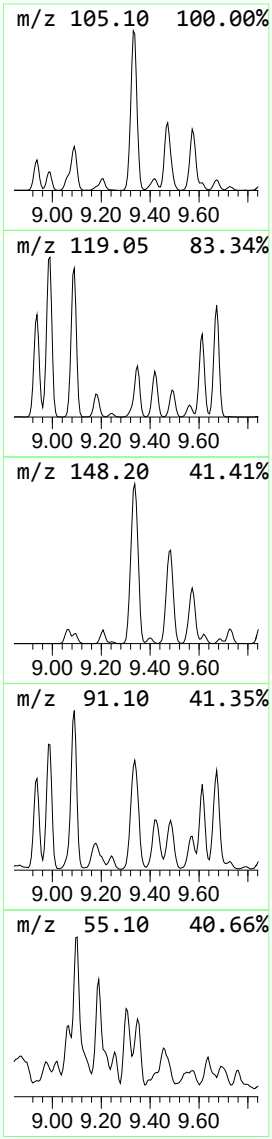
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.342	14.84 ng	6723490	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
4	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	43
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43





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Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

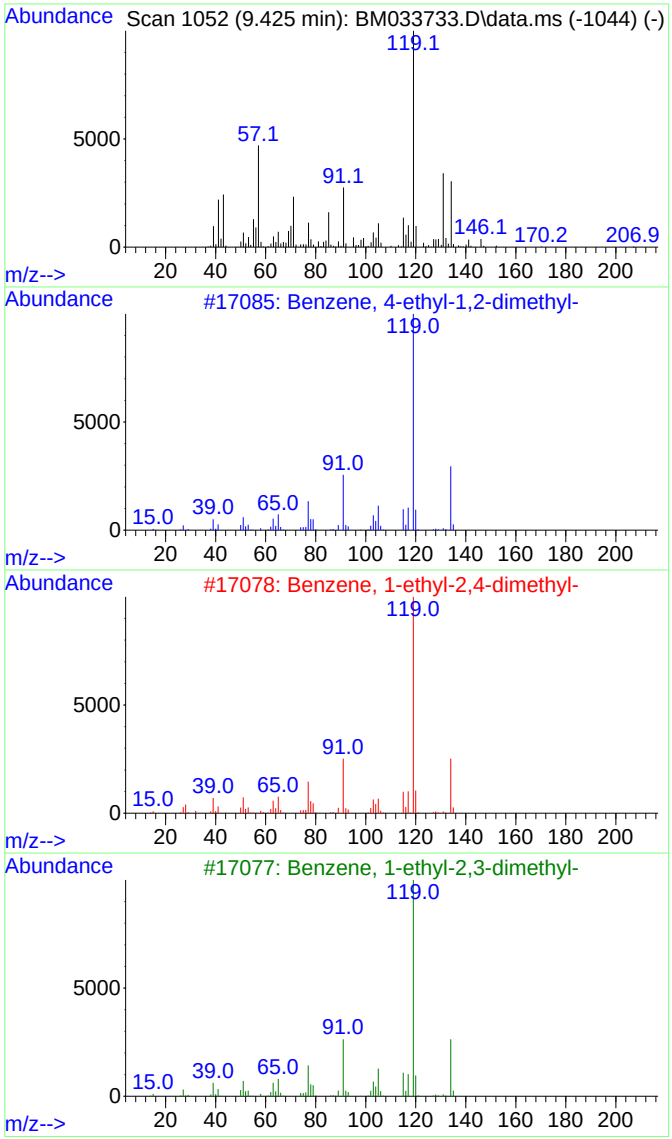
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

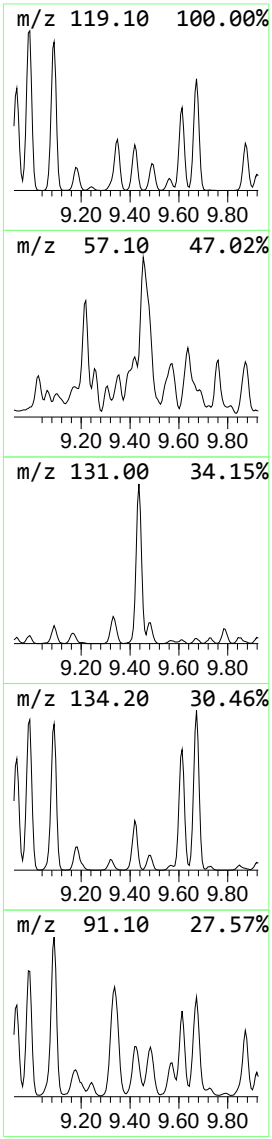
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.425	25.17 ng	2112410	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	o-Cymene	134	C10H14	000527-84-4	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

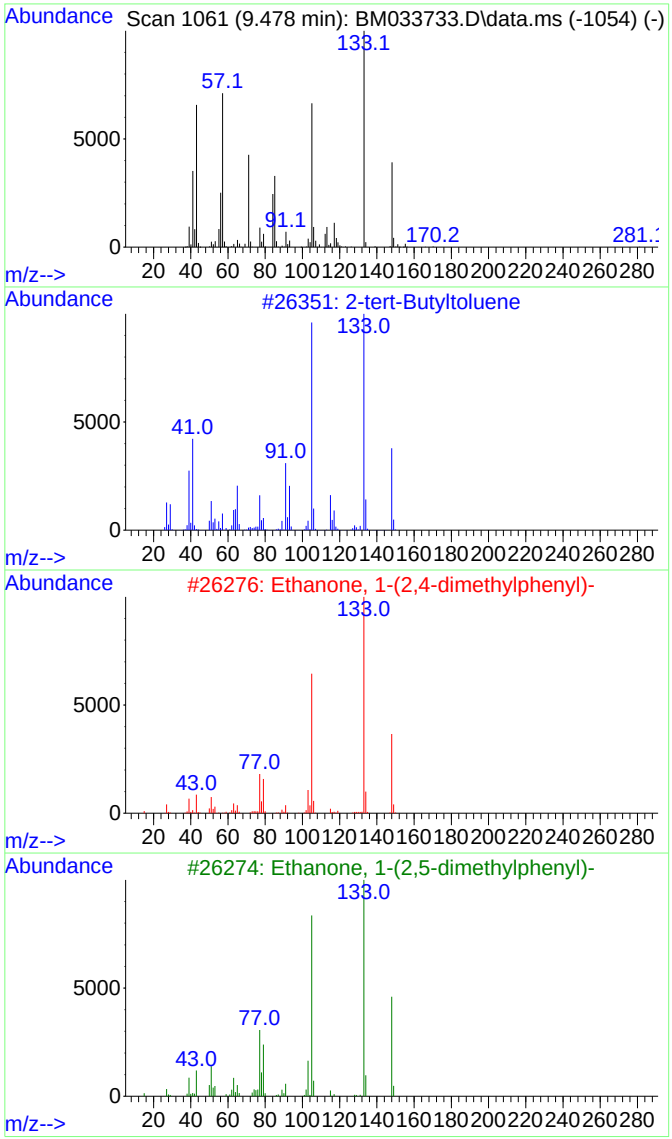
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

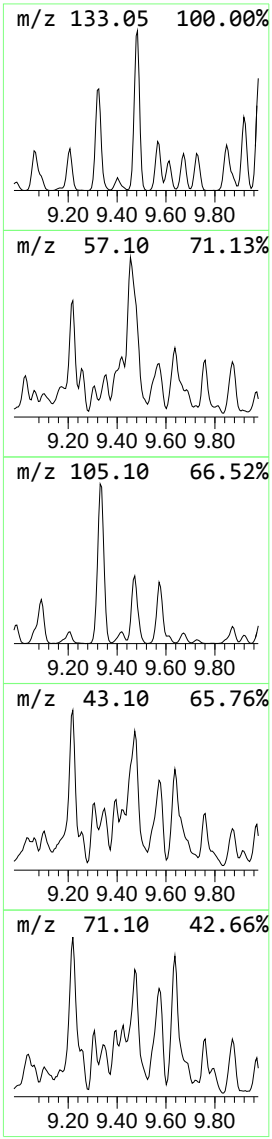
****

Peak Number 8 unknown9.478 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.478	52.01 ng	4364700	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-tert-Butyltoluene	148	C11H16	001074-92-6	46
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	38
5	Octane, 2-methyl-	128	C9H20	003221-61-2	27





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

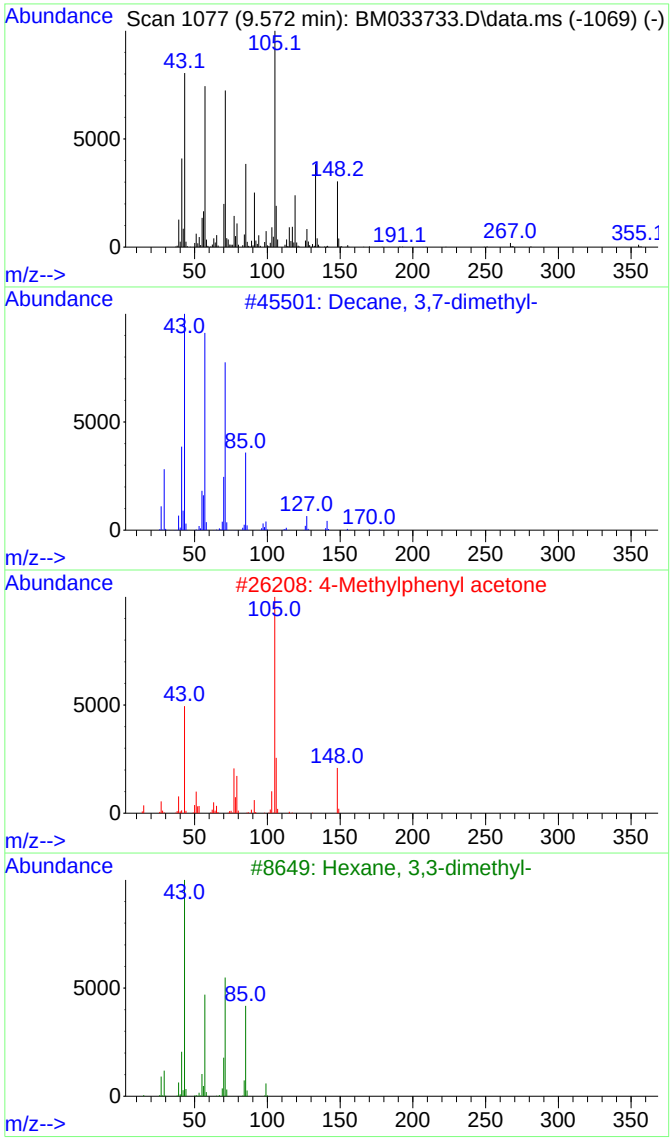
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

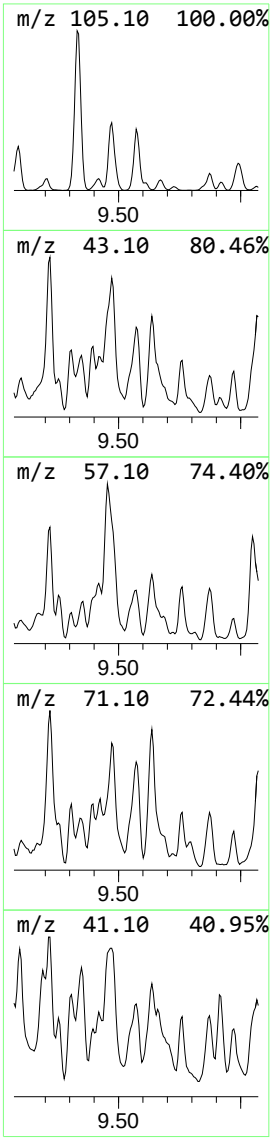
****

Peak Number 9 unknown9.572 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.572	26.93 ng	2260180	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	42
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	30
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	25
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	25





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Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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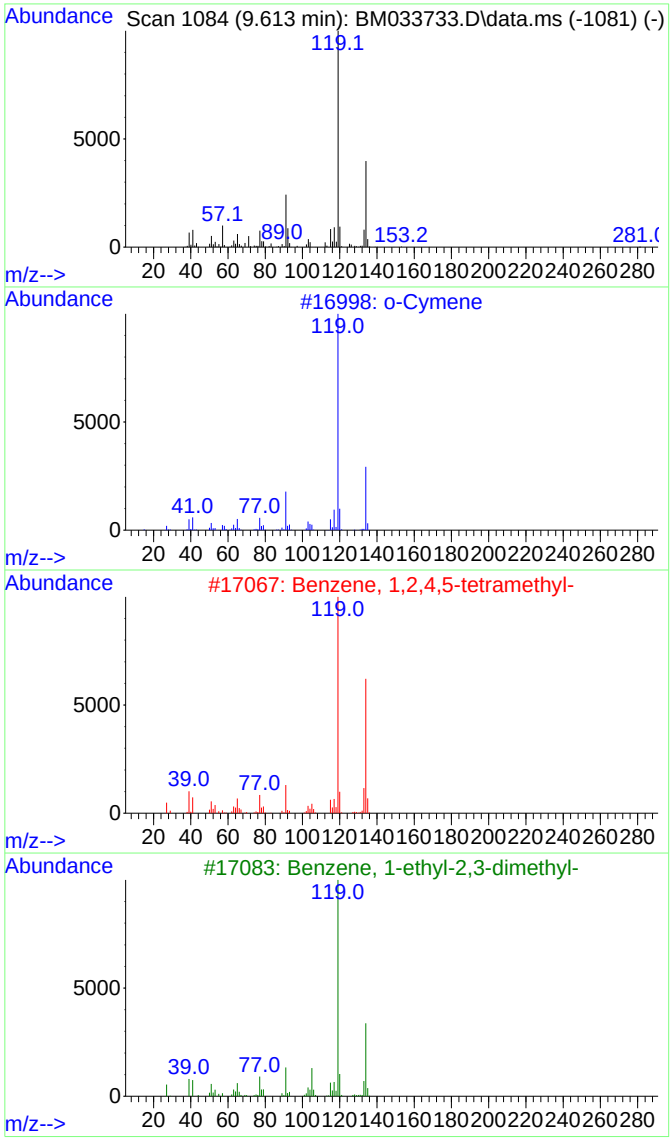
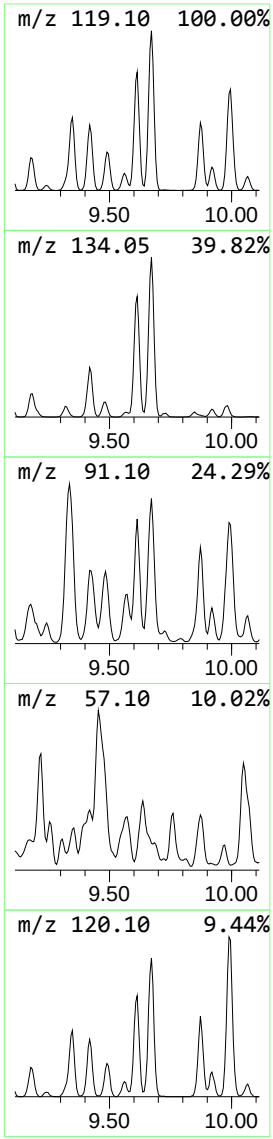
Peak Number 10 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.613	15.95 ng	1338360	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Instrument :
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WEST-BOILER-ROOM-WEST-SIDEWALL

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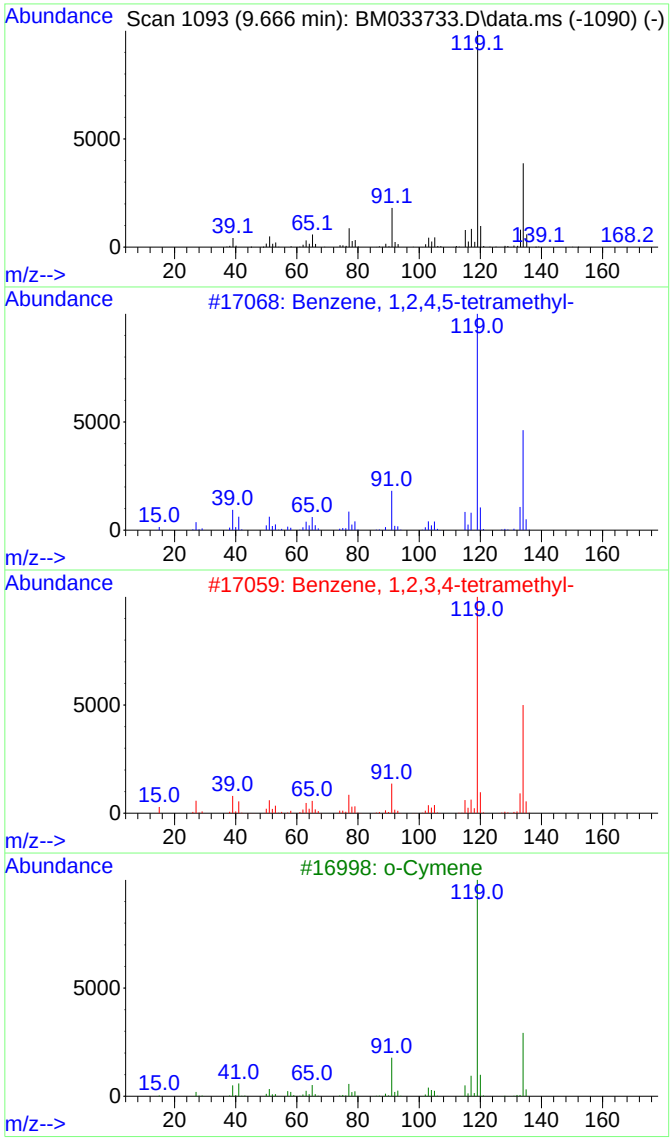
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

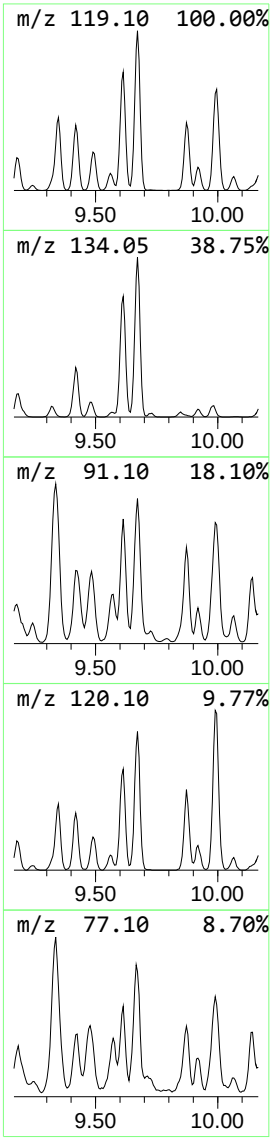
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.666	25.63 ng	2151160	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

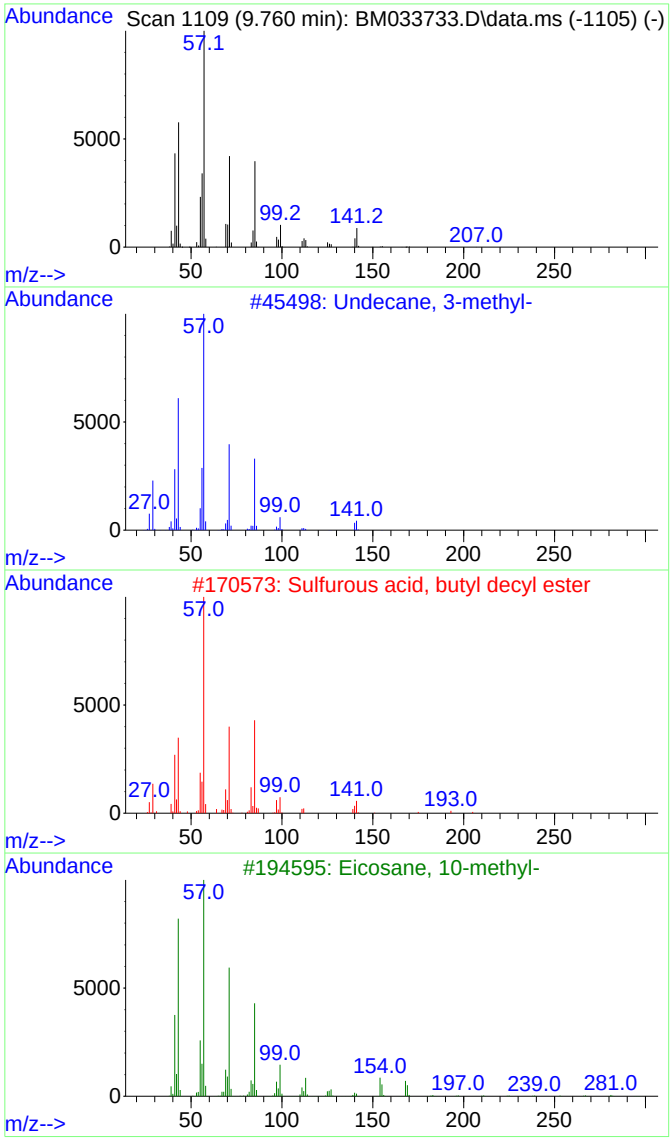
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

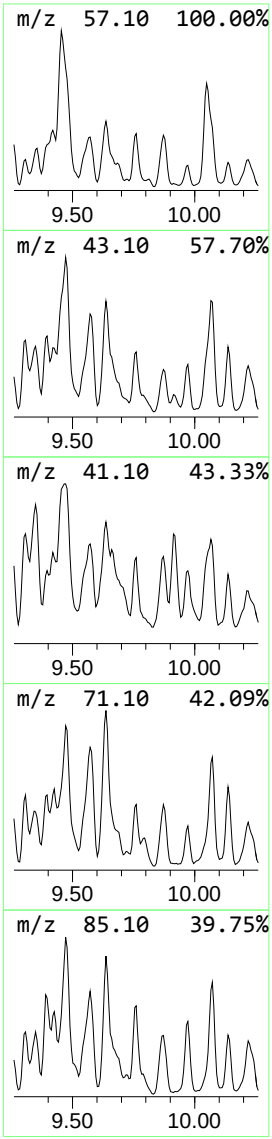
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Undecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.760	12.63 ng	1059640	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Nonadecane	268	C19H40	000629-92-5	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

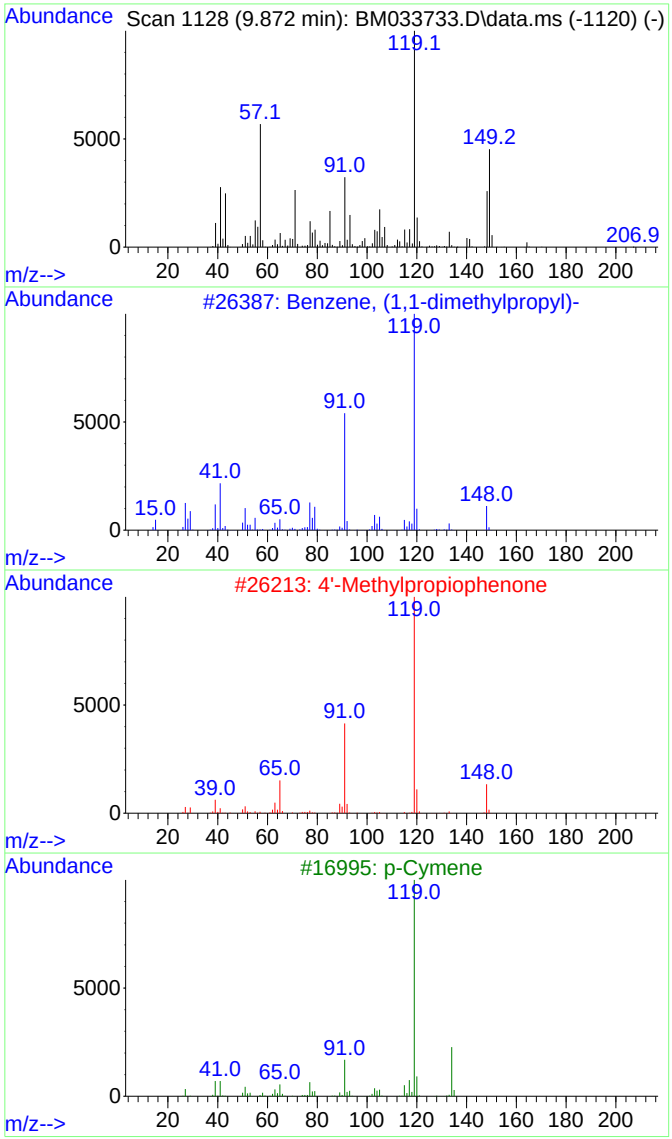
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

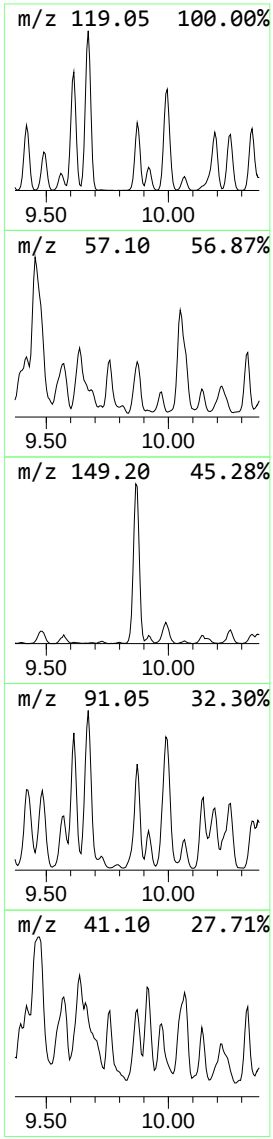
****

Peak Number 13 unknown9.872 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.872	28.38 ng	2382020	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	46
3	p-Cymene	134	C10H14	000099-87-6	42
4	o-Cymene	134	C10H14	000527-84-4	42
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	42





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

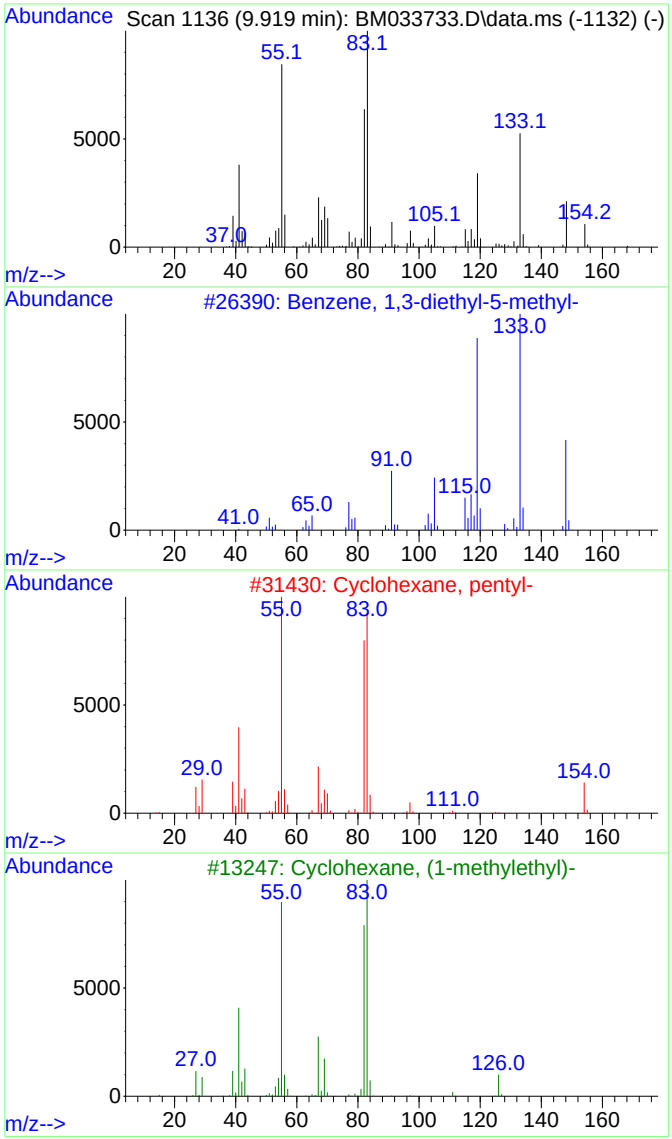
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

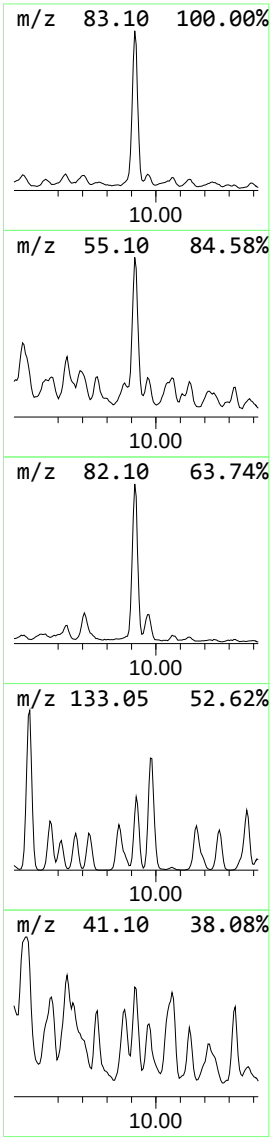
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.919	22.87 ng	1919490	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	47





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

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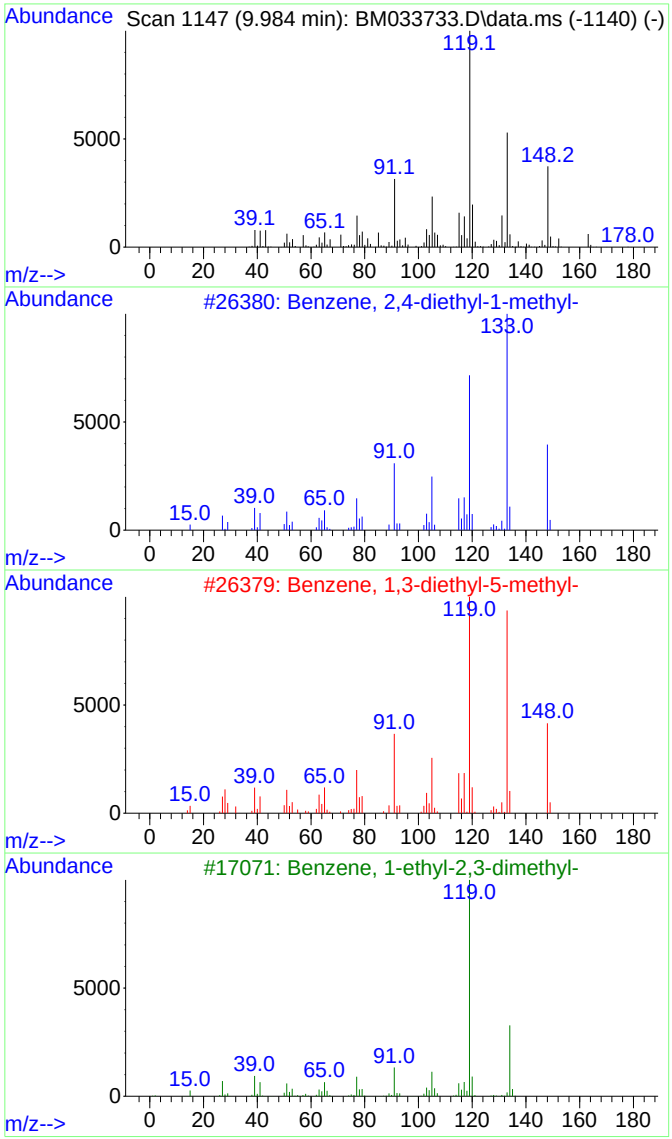
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

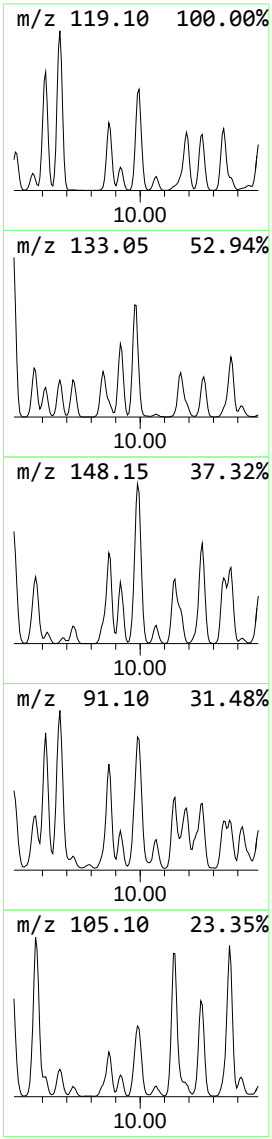
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.984	38.31 ng	3214740	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	52
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	47
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	41





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Sample : N1143-02
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ClientSampleId :
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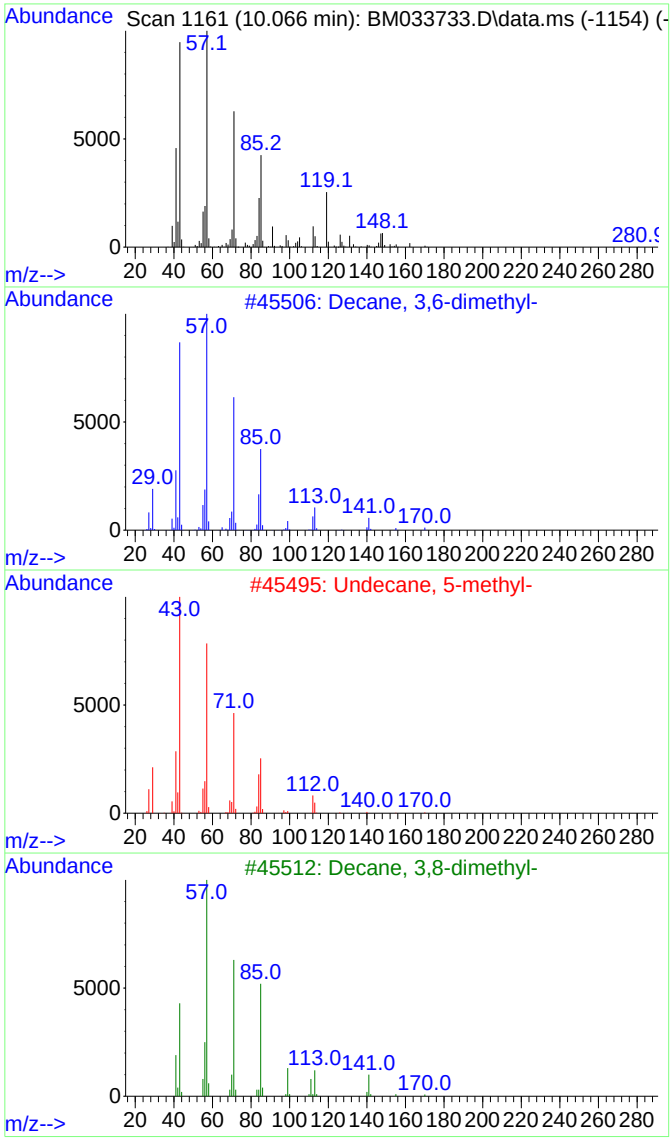
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

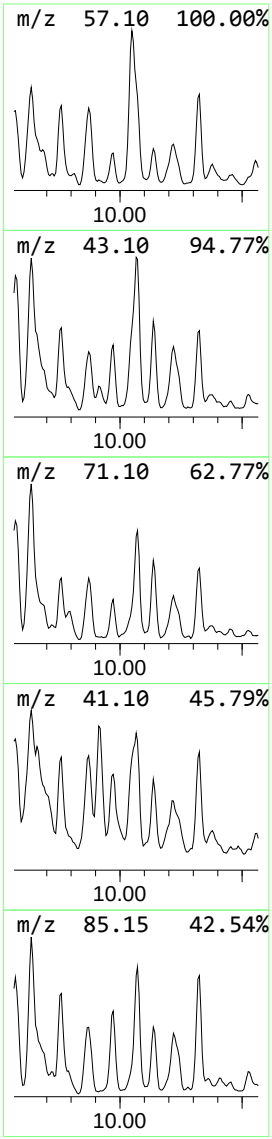
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Decane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.066	25.60 ng	2148710	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	50
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

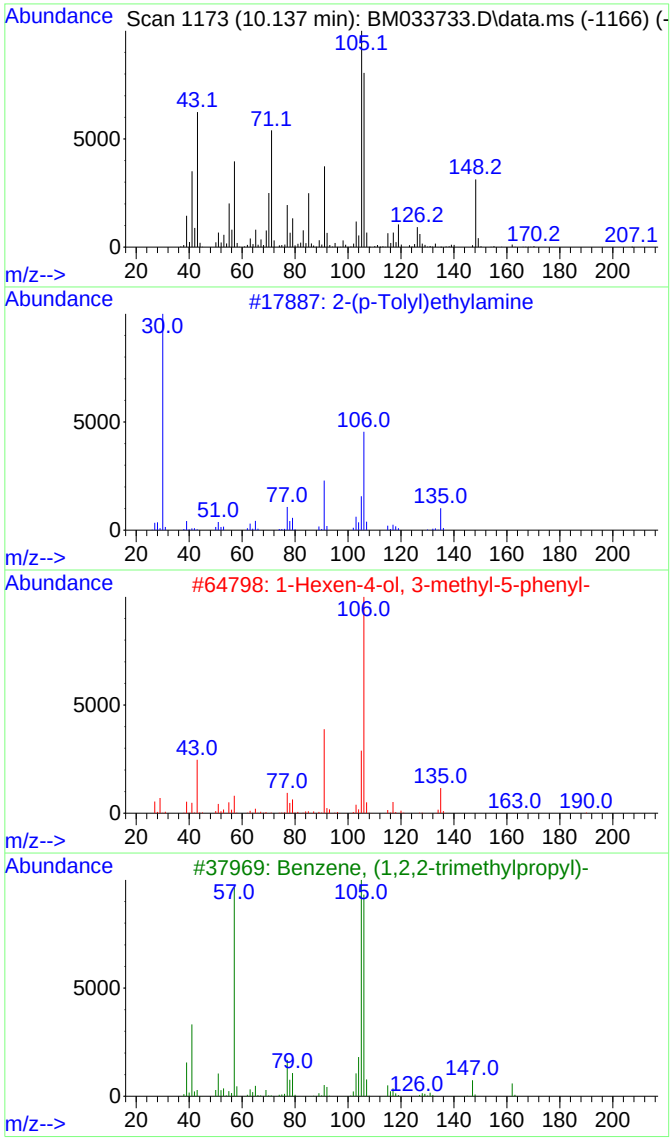
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

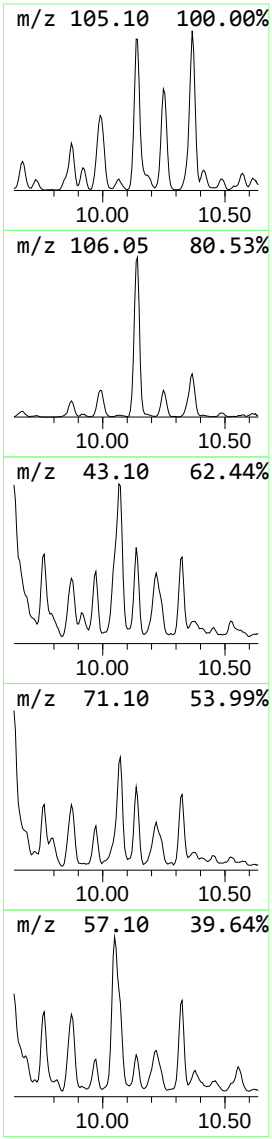
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown10.137 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.137	17.97 ng	1508460	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	38
2	1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	35
3	Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	35
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	30
5	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

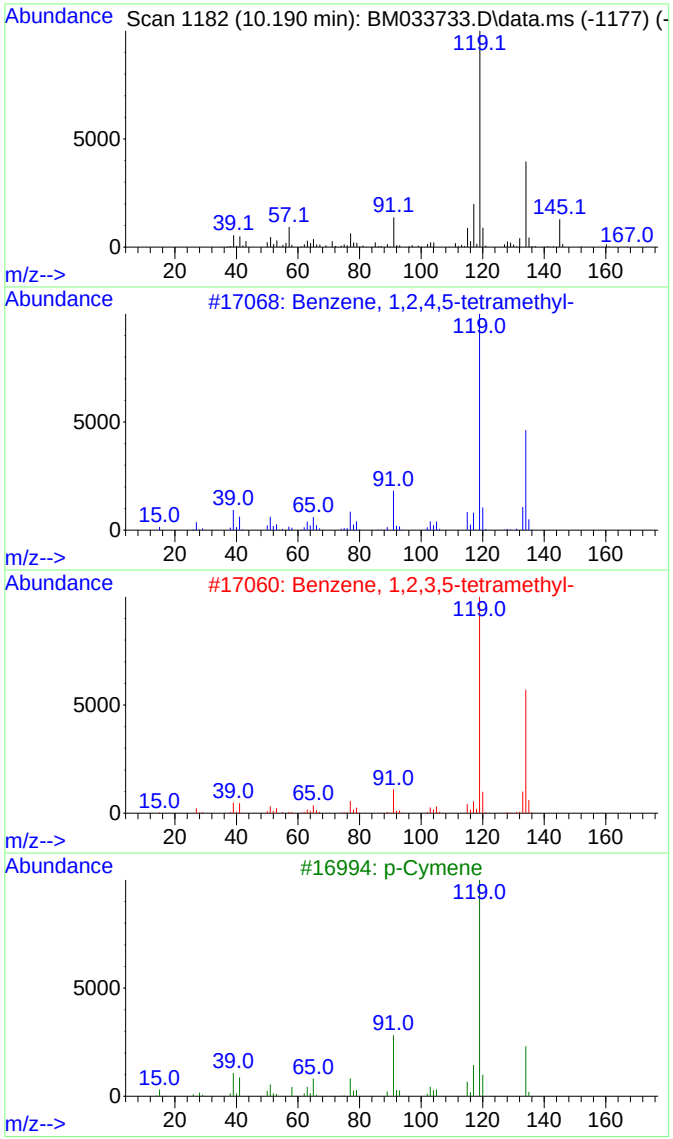
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

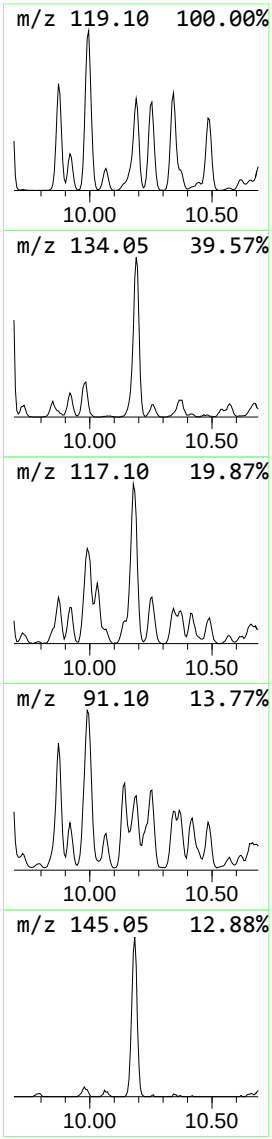
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.190	15.48 ng	1298970	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3	p-Cymene	134	C10H14	000099-87-6	74
4	o-Cymene	134	C10H14	000527-84-4	68
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

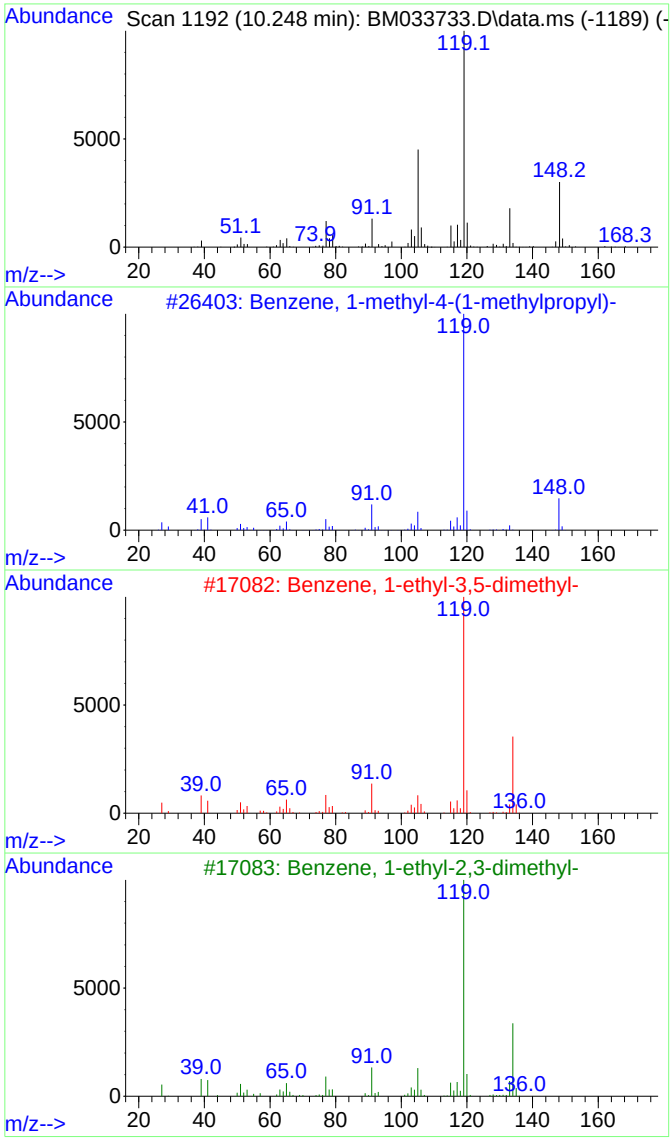
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

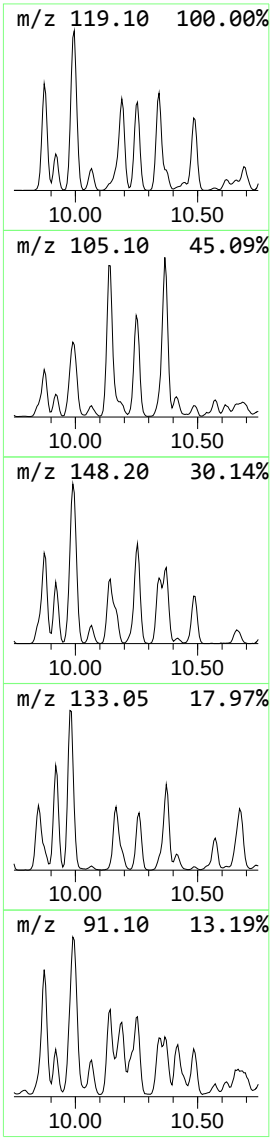
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.248	13.34 ng	1119320	Naphthalene-d8	10.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033733.D
Acq On : 14 Jan 2022 18:13
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane, 4-methyl-	6.966	16.8	ng	7601570	1	7.966	9062810	20.0
Benzene, 1,2,4-...	7.619	23.9	ng	10805900	1	7.966	9062810	20.0
Cyclohexane, bu...	8.272	12.8	ng	5780390	1	7.966	9062810	20.0
Benzene, 1-meth...	8.519	18.7	ng	8487860	1	7.966	9062810	20.0
Benzene, 4-ethy...	8.619	12.5	ng	5669110	1	7.966	9062810	20.0
Benzene, 1-meth...	9.342	14.8	ng	6723490	1	7.966	9062810	20.0
Benzene, 1-ethy...	9.425	25.2	ng	2112410	2	10.778	1678470	20.0
unknown9.478	9.478	52.0	ng	4364700	2	10.778	1678470	20.0
unknown9.572	9.572	26.9	ng	2260180	2	10.778	1678470	20.0
o-Cymene	9.613	15.9	ng	1338360	2	10.778	1678470	20.0
Benzene, 1,2,4,...	9.666	25.6	ng	2151160	2	10.778	1678470	20.0
Undecane, 3-met...	9.760	12.6	ng	1059640	2	10.778	1678470	20.0
unknown9.872	9.872	28.4	ng	2382020	2	10.778	1678470	20.0
Benzene, 1,3-di...	9.919	22.9	ng	1919490	2	10.778	1678470	20.0
Benzene, 2,4-di...	9.984	38.3	ng	3214740	2	10.778	1678470	20.0
Decane, 3,6-dim...	10.066	25.6	ng	2148710	2	10.778	1678470	20.0
unknown10.137	10.137	18.0	ng	1508460	2	10.778	1678470	20.0
Benzene, 1,2,3,...	10.190	15.5	ng	1298970	2	10.778	1678470	20.0
Benzene, 1-meth...	10.248	13.3	ng	1119320	2	10.778	1678470	20.0