LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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: BM033656.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.614	60	64	70	rVB	341919	463320	3.58%	0.424%
2	3.861	97	106	108	rBV	190537	282899	2.19%	0.259%
3	3.884	108	110	116	rVV	255891	328121	2.54%	0.300%
4	3.955	117	122	127	rVV	265115	399051	3.08%	0.365%
5	4.014	127	132	142	rVB2	111336	220410	1.70%	0.202%
6	4.108	142	148	160	rVB2	225729	457869	3.54%	0.419%
7	4.225	160	168	173	rBV	229587	319846	2.47%	0.293%
8	4.408	193	199	206	rBV2	199491	379967	2.94%	0.348%
9	4.472	206	210	221	rVB2	127678	231483	1.79%	0.212%
10	5.461	371	378	383	rVB	629079	1062228	8.21%	0.972%
11	5.525	383	389	396	rVB	3563630	5186886	40.09%	4.748%
12	5.596	396	401	404	rBV	1003018	1651330	12.76%	1.512%
13	5.749	420	427	438	rBV2	109057	260747	2.02%	0.239%
14	5.972	459	465	474	rVB3	438108	911647	7.05%	0.835%
15	6.249	505	512	525	rVB3	117226	259883	2.01%	0.238%
16	6.372	525	533	543	rBV2	68849	167105	1.29%	0.153%
17	6.460	543	548	556	rBV	346546	553447	4.28%	0.507%
18	6.619	571	575	586	rVB6	92122	242177	1.87%	0.222%
19	6.872	611	618	627	rBV4	77855	216827	1.68%	0.198%
20	6.960	627	633	636	rBV	674860	1222588	9.45%	1.119%
21	7.072	642	652	656	rBV	1252079	2127487	16.44%	1.948%
22	7.137	656	663	670	rVV2	4130460	7258676	56.10%	6.645%
23	7.207	670	675	685	rVB	1124570	1843126	14.25%	1.687%
24	7.372	698	703	712	rVB	662127	1025854	7.93%	0.939%
25	7.637	740	748	754	rVB	3503436	5604687	43.32%	5.131%
26	7.984	801	807	812	rBV	718603	1110855	8.59%	1.017%
27	8.031	812	815	822	rVV2	87336	203738	1.57%	0.187%
28	8.101	822	827	838	rVB	907920	1541794	11.92%	1.411%
29	8.237	845	850	857	rBV2	138164	316698	2.45%	0.290%
30	8.366	866	872	878	rVB	403078	668312	5.17%	0.612%
31	8.490	887	893	897	rBV2	283855	469343	3.63%	0.430%
32	8.543	897	902	908	rVV2	559324	896416	6.93%	0.821%
33	8.637	913	918	923	rBV2	1135186	1790443	13.84%	1.639%
34	8.684	923	926	932	rVB3	180186	301605	2.33%	0.276%
35	8.772	932	941	942	rBV2	92674	155364	1.20%	0.142%
36	8.801	942	946	954	rVB	215781	330341	2.55%	0.302%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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	8.954	964	972	976	rBV	420310	640608	4.95%	0.586%
38	9.001	976	980	986	rVB	402816	602966	4.66%	0.552%
39	9.107	989	998	1001	rBV	988645	1709794	13.21%	1.565%
40	9.148	1001	1005	1010	rVB	2051201	3016170	23.31%	2.761%
41	9.237	1016	1020	1029	rVB	194561	319097	2.47%	0.292%
42	9.354	1029	1040	1048	rBV4	115960	292213	2.26%	0.267%
43	9.437	1048	1054	1061	rBV	193569	390743	3.02%	0.358%
44	9.631	1074	1087	1092	rBV	510486	987667	7.63%	0.904%
45	9.690	1092	1097	1108	rVB	725182	1174030	9.07%	1.075%
46	9.890	1124	1131	1135	rBV3	179295	354491	2.74%	0.325%
47	9.943	1135	1140	1144	rVV	166506	250947	1.94%	0.230%
48	10.007	1144	1151	1155	rVV2	220375	450765	3.48%	0.413%
49	10.048	1155	1158	1162	rVV	347542	574836	4.44%	0.526%
50	10.090	1162	1165	1171	rVB2	145889	220827	1.71%	0.202%
51	10.160	1171	1177	1180	rBV	224015	379098	2.93%	0.347%
52	10.201	1180	1184	1190	rVV2	670143	1317425	10.18%	1.206%
53	10.272	1193	1196	1204	rVV3	228479	421149	3.25%	0.386%
54	10.360	1204	1211	1213	rVV2	94437	201867	1.56%	0.185%
55	10.390	1213	1216	1221	rVB4	127507	193679	1.50%	0.177%
56	10.507	1229	1236	1241	rBV	188530	308066	2.38%	0.282%
57	10.719	1261	1272	1276	rBV5	118125	308390	2.38%	0.282%
58	10.795	1276	1285	1290	rVV2	1202401	2443496	18.89%	2.237%
59	10.854	1290	1295	1302	rVV	985790	1883319	14.56%	1.724%
60	10.919	1302	1306	1312	rVV	185298	338433	2.62%	0.310%
61	10.978	1312	1316	1320	rVV2	133000	209290	1.62%	0.192%
62	11.025	1320	1324	1332	rVB2	122374	217981	1.68%	0.200%
63	11.472	1396	1400	1404	rVV	118502	165887	1.28%	0.152%
64	11.525	1404	1409	1415	rVB5	123603	223416	1.73%	0.205%
65	11.584	1415	1419	1426	rVB3	99963	170455	1.32%	0.156%
66	11.654	1426	1431	1437	rBV3	130809	220262	1.70%	0.202%
67	11.725	1437	1443	1451	rBV3	262111	551104	4.26%	0.504%
68	11.842	1458	1463	1470	rBV3	182558	345588	2.67%	0.316%
69	11.913	1471	1475	1482	rVB	130015	206373	1.60%	0.189%
70	12.237	1525	1530	1535	rVV2	266506	421961	3.26%	0.386%
71	12.460	1560	1568	1575	rVB	1014484	1680931	12.99%	1.539%
72	12.678	1599	1605	1610	rBV	455441	726253	5.61%	0.665%
73	13.184	1687	1691	1696	rVB	161773	217172	1.68%	0.199%
74	13.254	1696	1703	1710	rBV	5910876	8499479	65.69%	7.780%
75	13.466	1729	1739	1746	rBV2	192211	374329	2.89%	0.343%
76	13.660	1769	1772	1781	rVB	88680	169728	1.31%	0.155%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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
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Peak separation: 5

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

77	13.789	1788	1794	1796	rBV	178596	316485	2.45%	0.290%
78	13.948	1810	1821	1825	rBV	265478	538790	4.16%	0.493%
79	14.001	1826	1830	1834	rVB	181423	264488	2.04%	0.242%
80	14.119	1843	1850	1854	rVB2	226020	341290	2.64%	0.312%
81	14.619	1928	1935	1941	rVV	1341943	2055406	15.89%	1.882%
82	14.825	1966	1970	1981	rVB	66048	181785	1.40%	0.166%
83	15.025	1999	2004	2010	rVB4	128538	248214	1.92%	0.227%
84	15.089	2010	2015	2019	rVV2	125309	193064	1.49%	0.177%
85	15.148	2021	2025	2032	rVB4	113642	210971	1.63%	0.193%
86	15.242	2033	2041	2045	rBV4	70482	187026	1.45%	0.171%
87	15.883	2144	2150	2155	rBV	243957	384401	2.97%	0.352%
88	16.101	2180	2187	2194	rVV	4706267	6548559	50.61%	5.995%
89	16.366	2223	2232	2236	rBV	390491	673675	5.21%	0.617%
90	17.183	2367	2371	2382	rVB	230550	370396	2.86%	0.339%
91	17.360	2395	2401	2406	rBV	1665807	2420541	18.71%	2.216%
92	18.254	2545	2553	2556	rBV2	241530	423940	3.28%	0.388%
93	18.324	2561	2565	2569	rVB	147592	192697	1.49%	0.176%
94	19.524	2765	2769	2773	rBV	115646	155375	1.20%	0.142%
95	19.777	2807	2812	2820	rVB3	100660	178300	1.38%	0.163%
96	19.971	2839	2845	2850	rBV	10447664	12938568	100.00%	11.844%
97	21.236	3056	3060	3070	rVB	747848	841212	6.50%	0.770%
98	21.518	3103	3108	3117	rVB	2205532	2830488	21.88%	2.591%
99	22.806	3324	3327	3335	rVB2	151598	220390	1.70%	0.202%
100	23.953	3515	3522	3530	rVB2	1376346	2882963	22.28%	2.639%

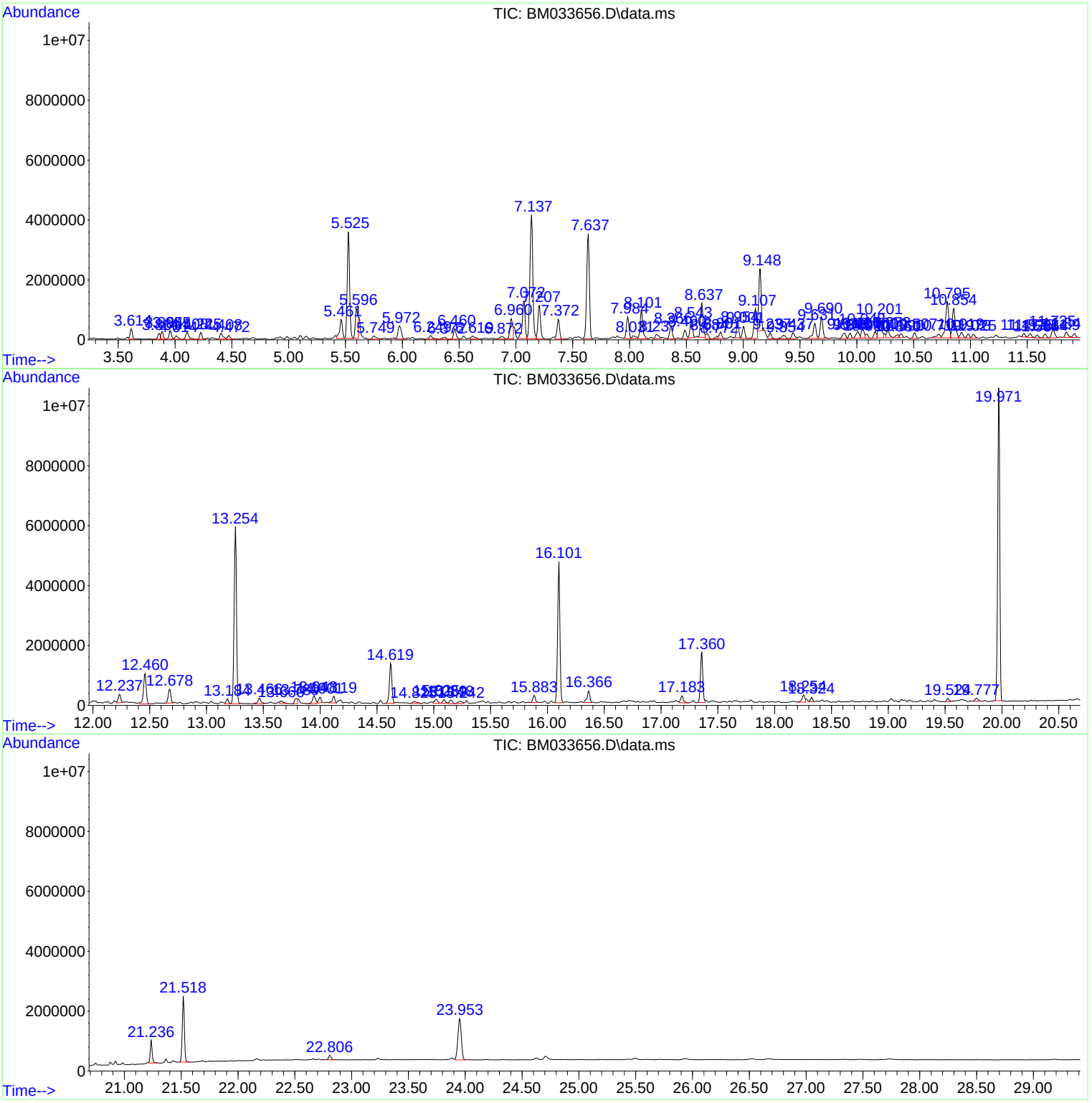
Sum of corrected areas: 109241879

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

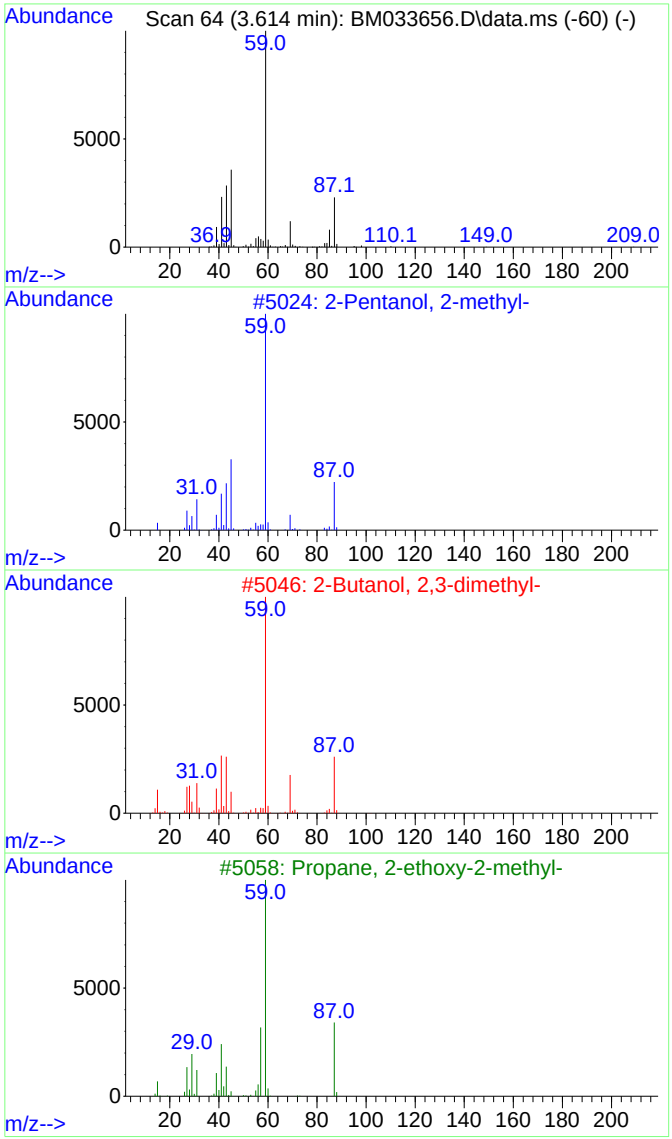
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

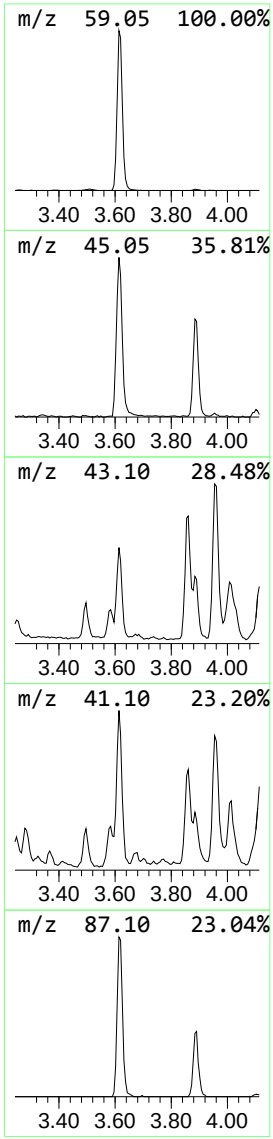
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.614	8.34 ng	463320	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	50
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

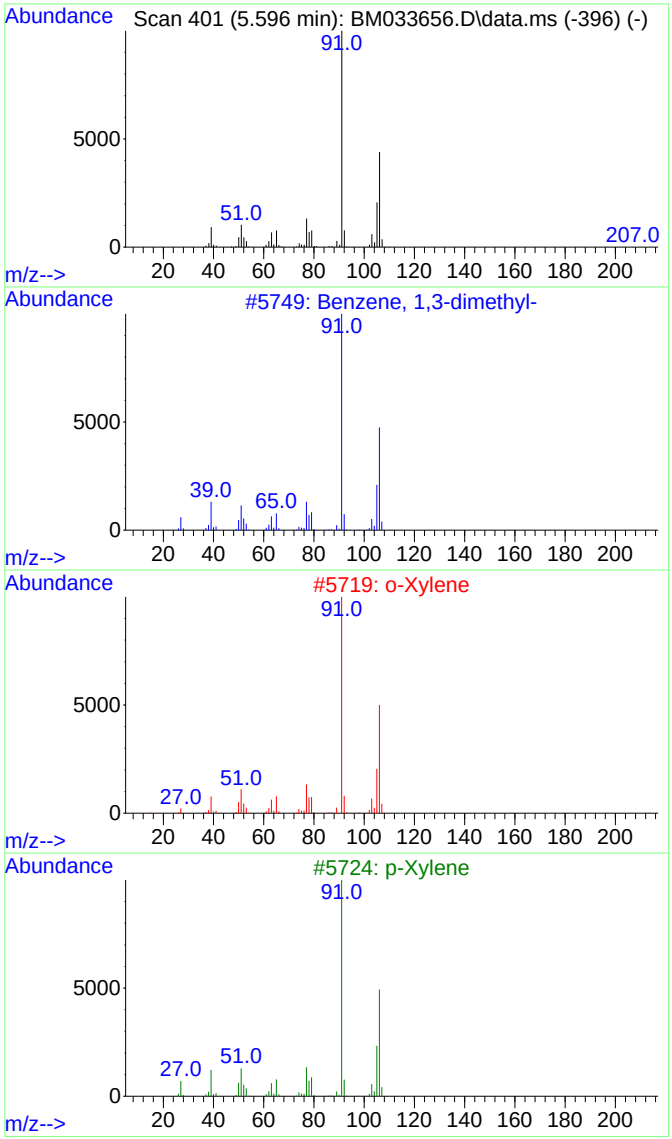
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

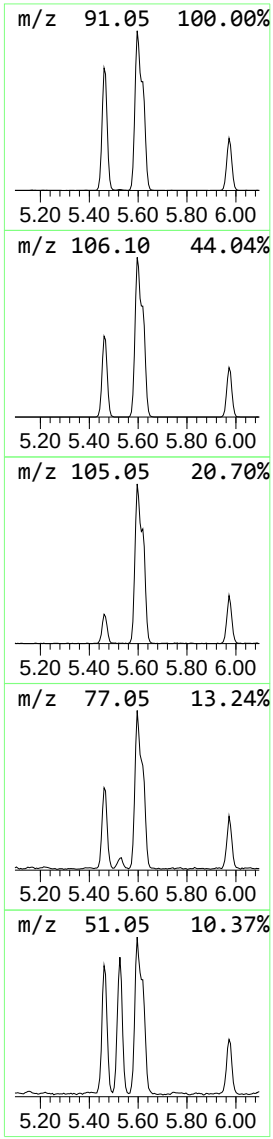
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.596	29.73 ng	1651330	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

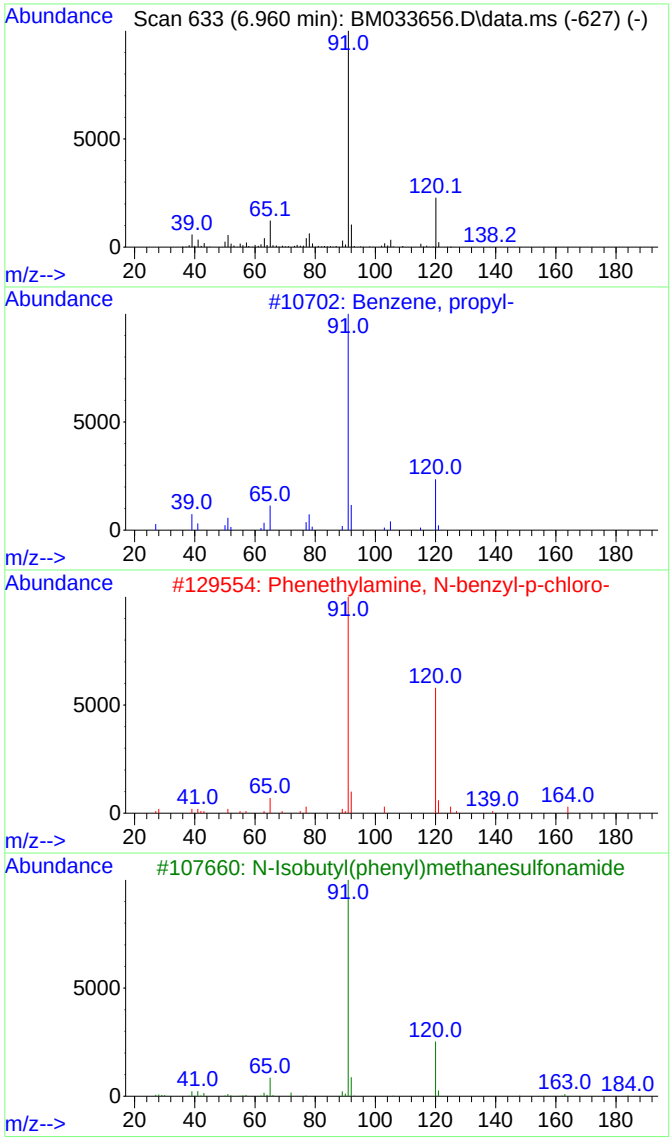
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

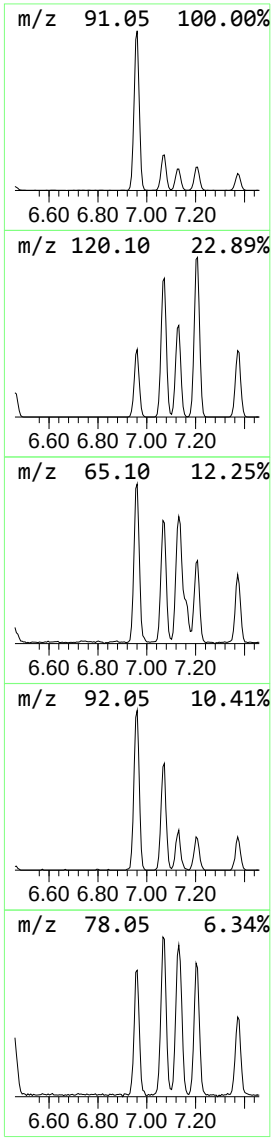
****

Peak Number 7 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.960	22.01 ng	1222590	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

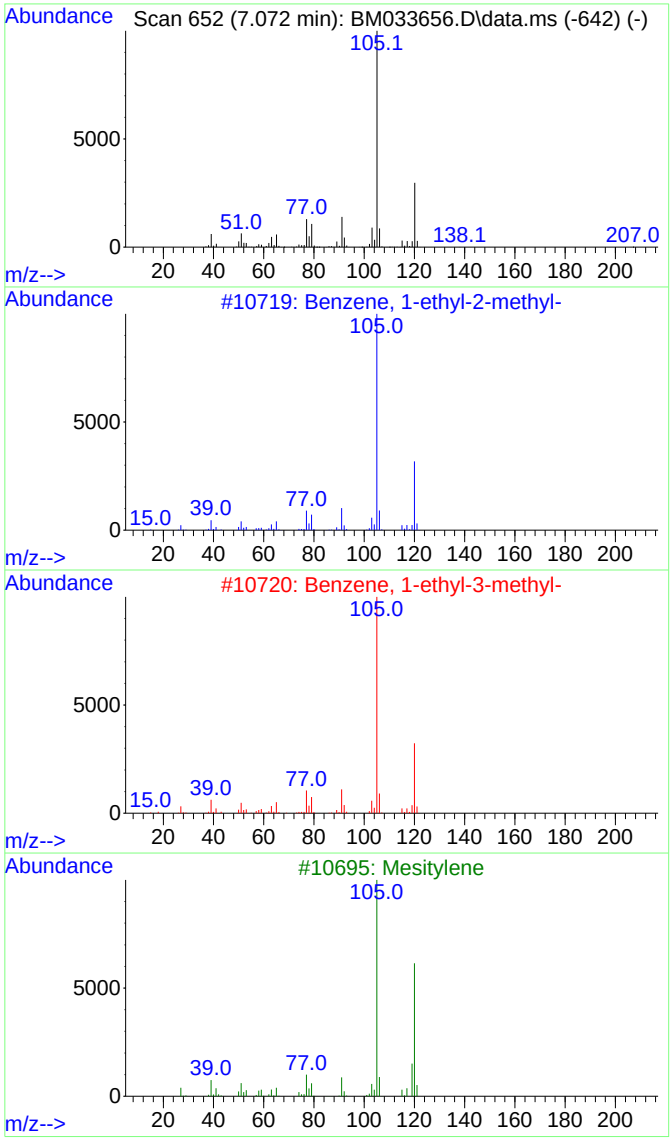
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

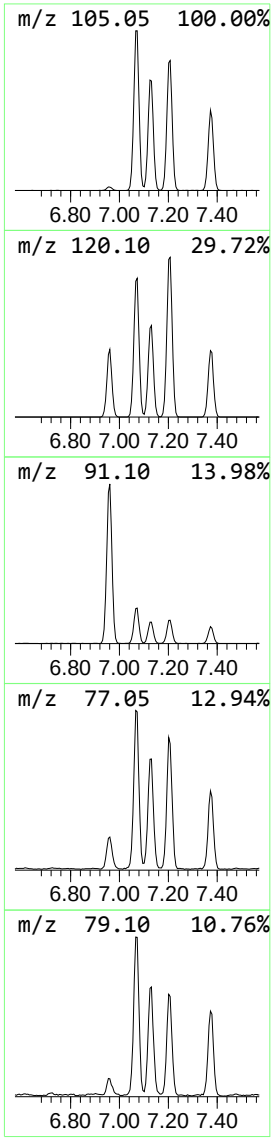
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.072	38.30 ng	2127490	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	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\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

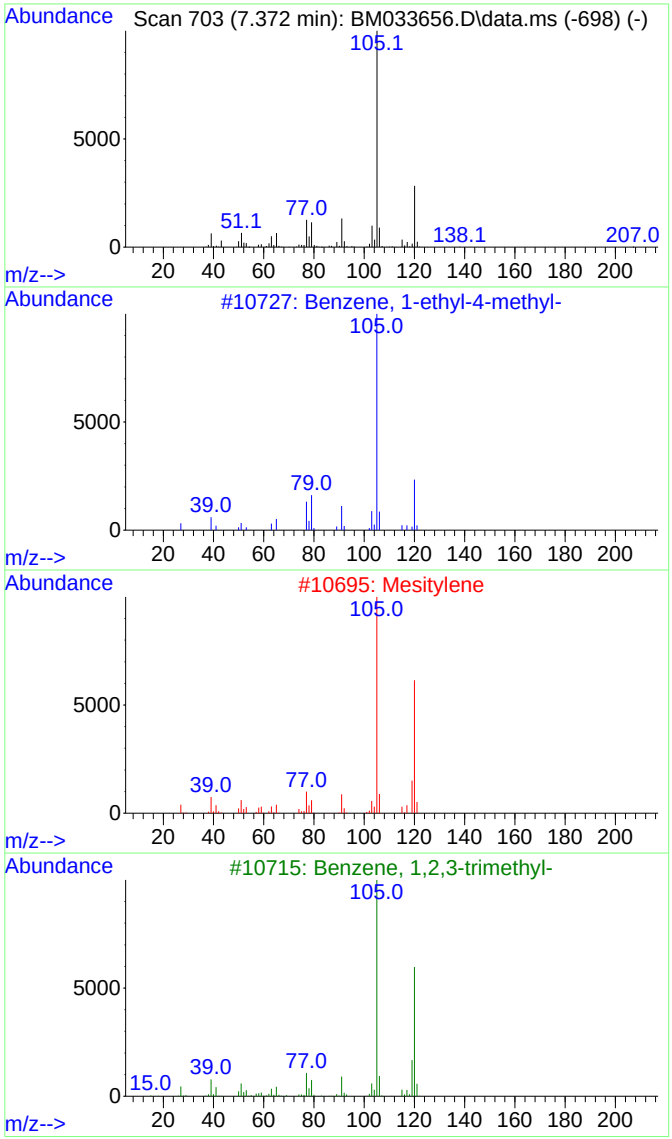
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

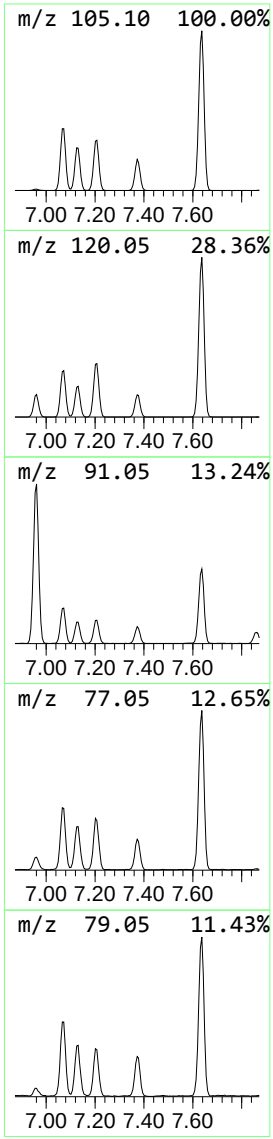
****

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.372	18.47 ng	1025850	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

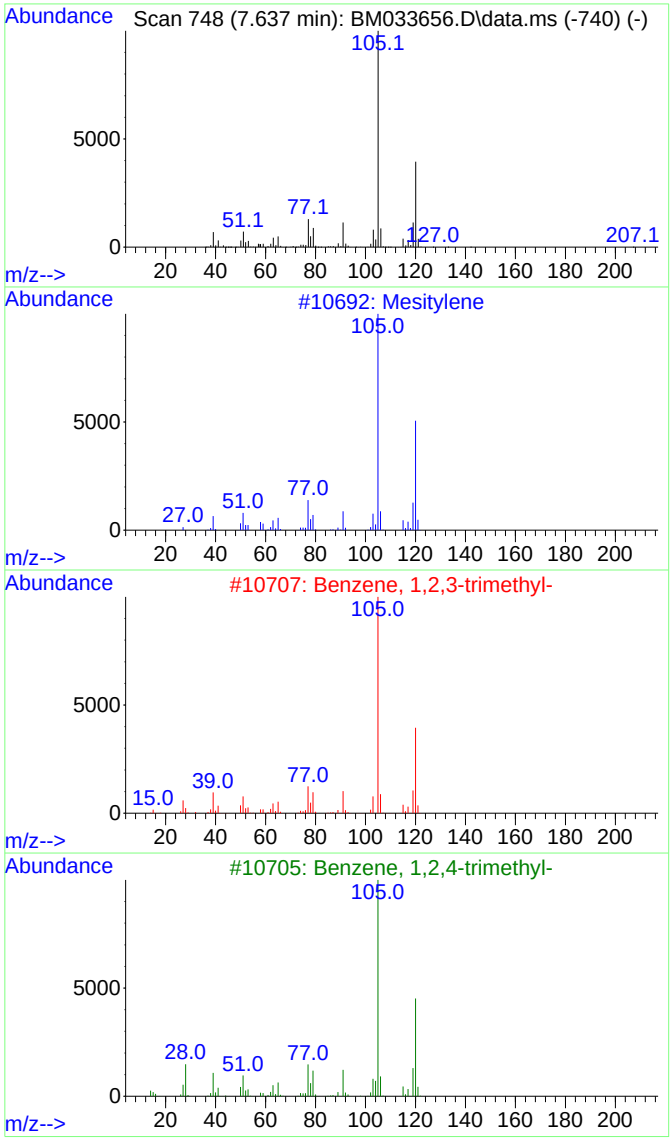
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

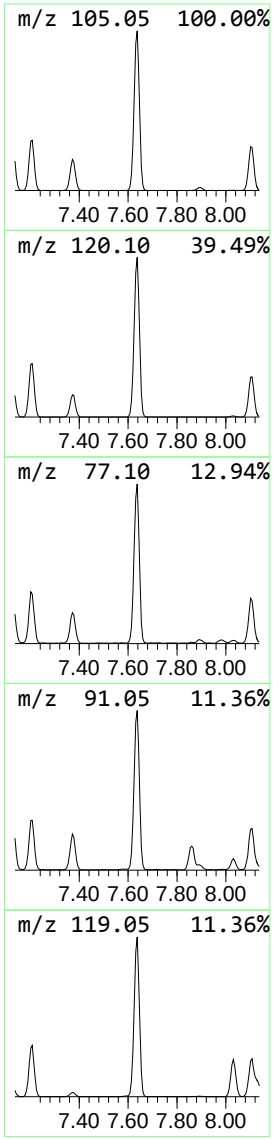
****

Peak Number 10 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.637	100.91 ng	5604690	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

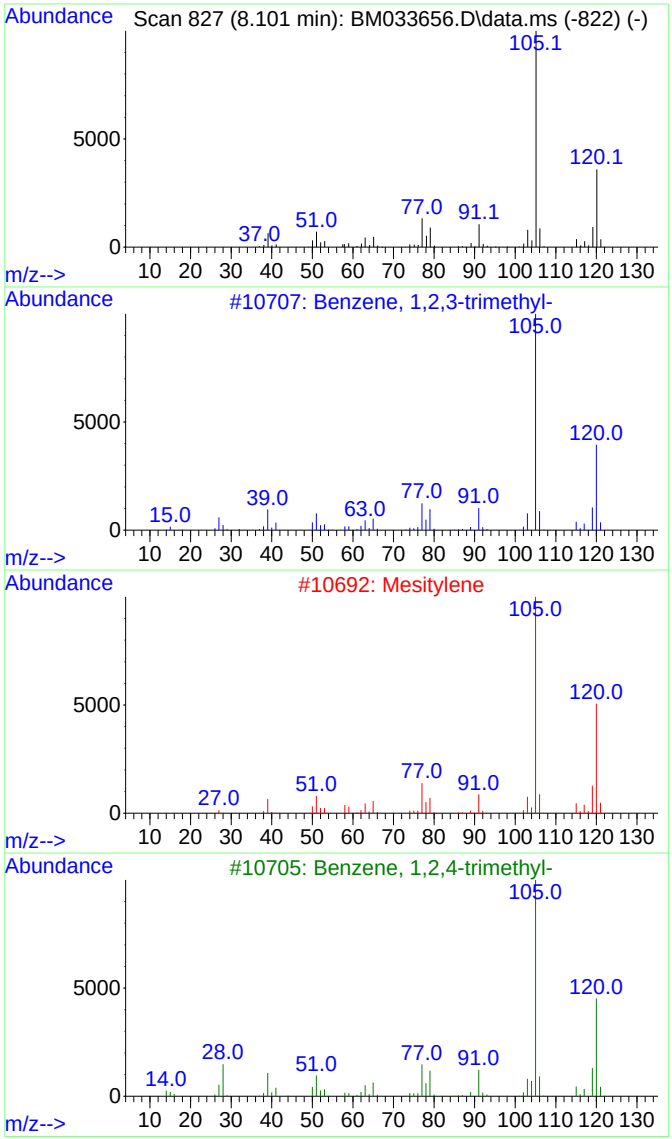
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

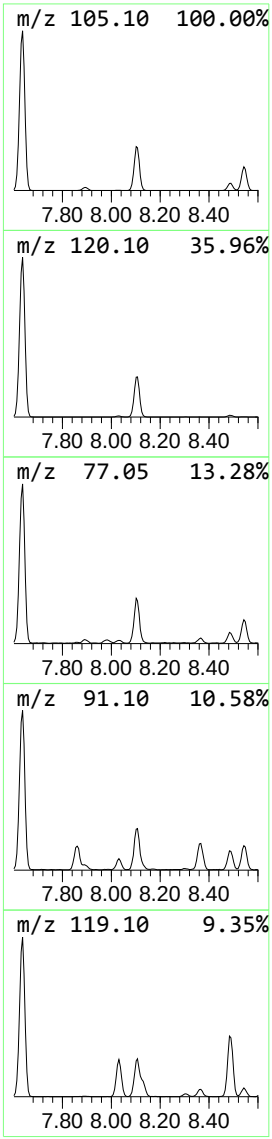
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.101	27.76 ng	1541790	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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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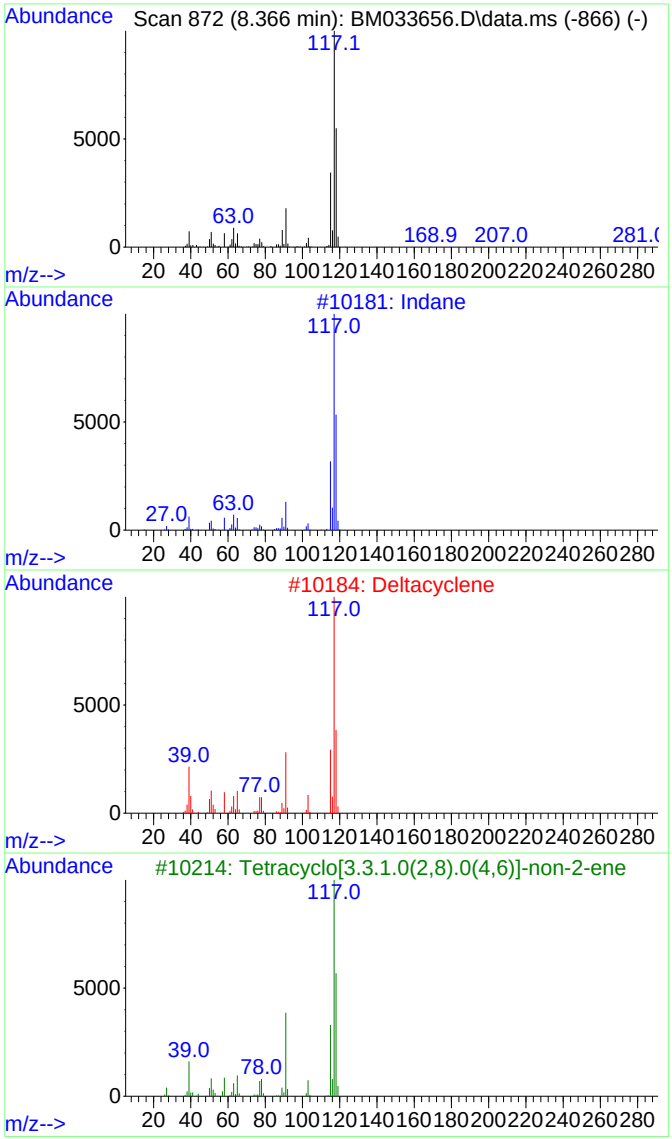
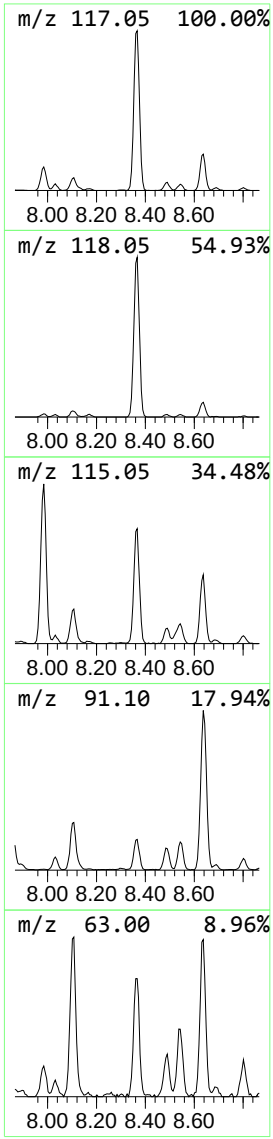
Peak Number 12 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.366	12.03 ng	668312	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	58





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Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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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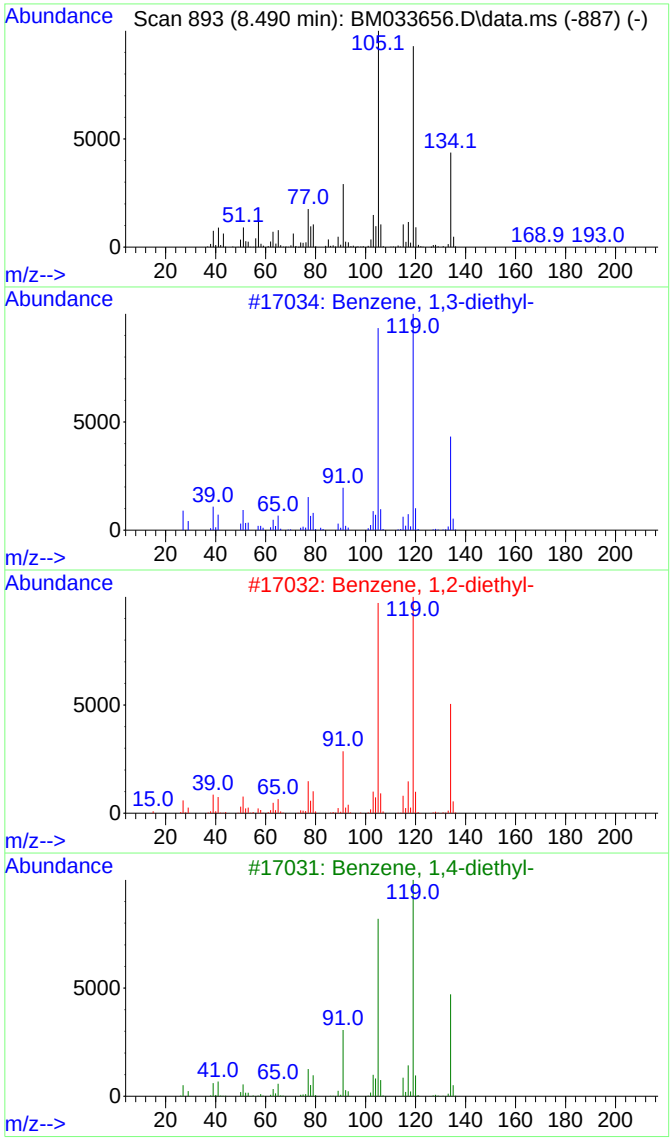
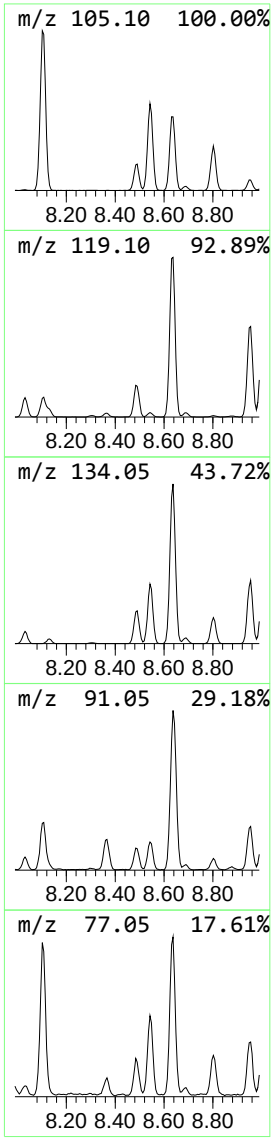
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.490	8.45 ng	469343	1,4-Dichlorobenzene-d4	7.984

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





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Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

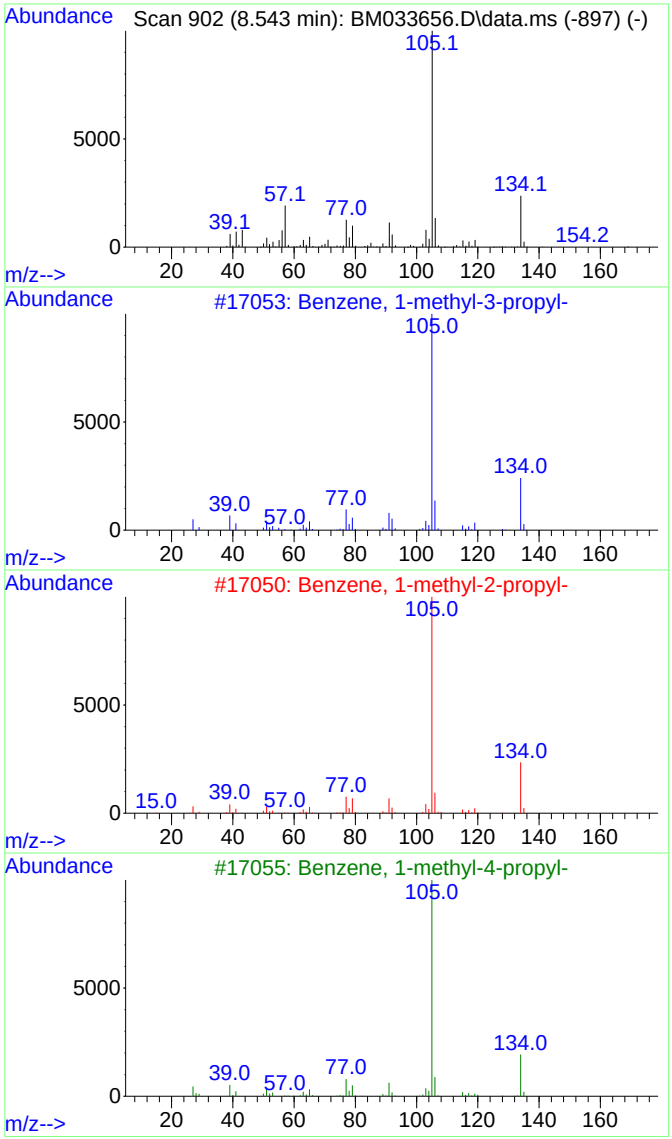
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

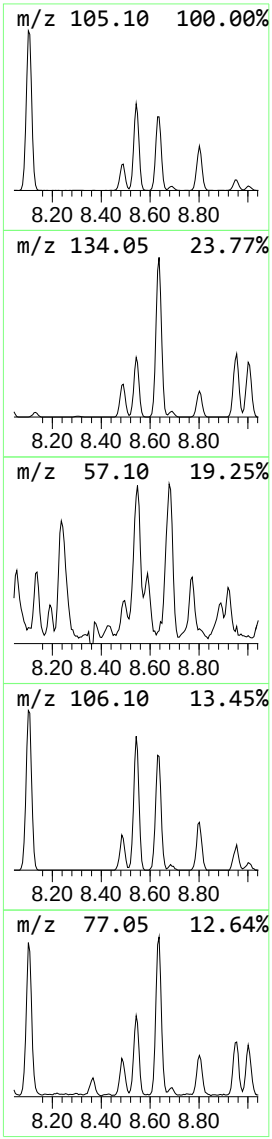
****

Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.543	16.14 ng	896416	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87





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Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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

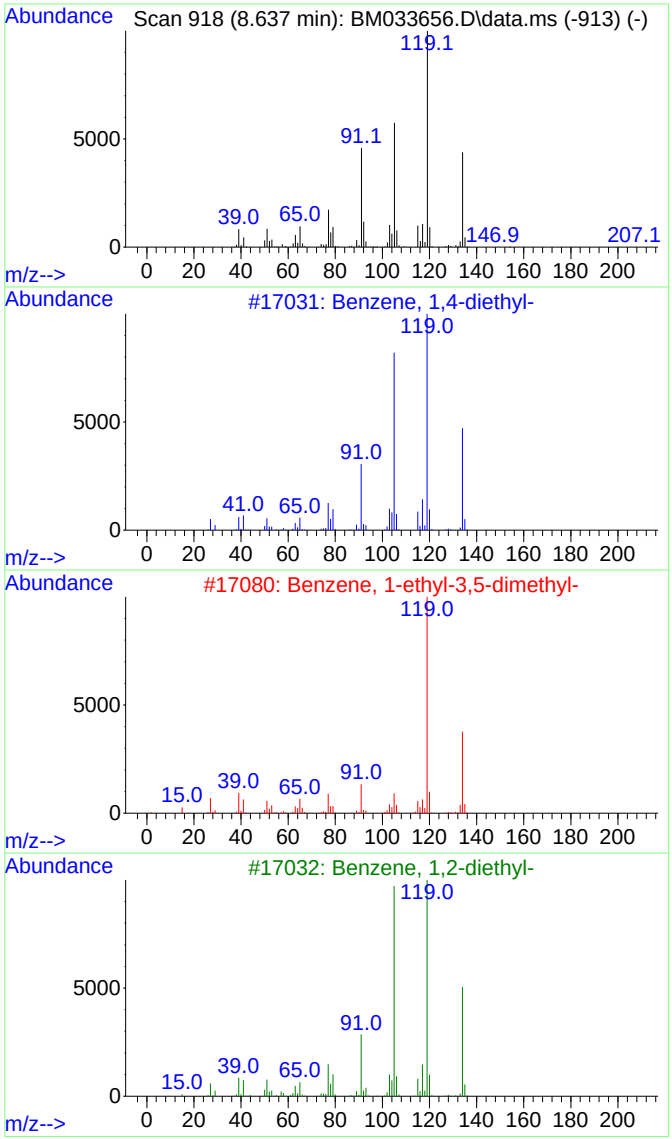
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

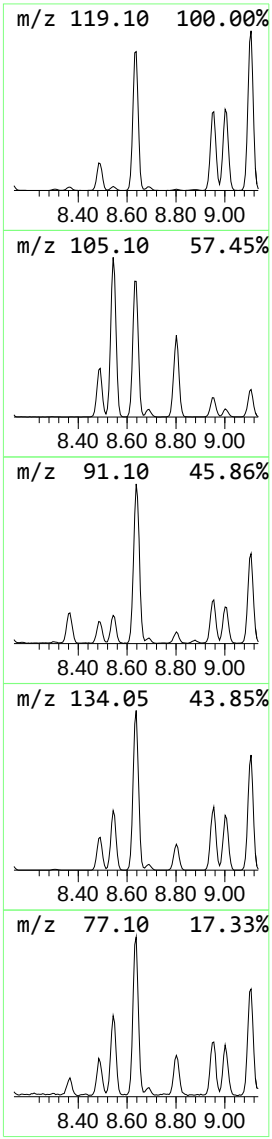
****

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.637	32.24 ng	1790440	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

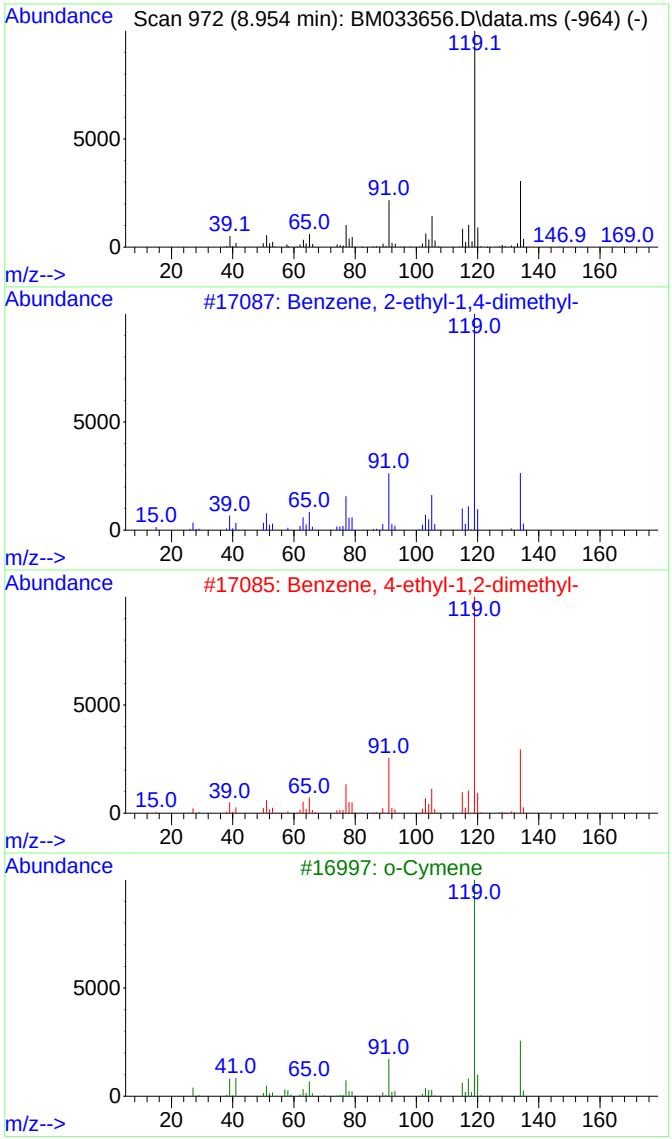
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

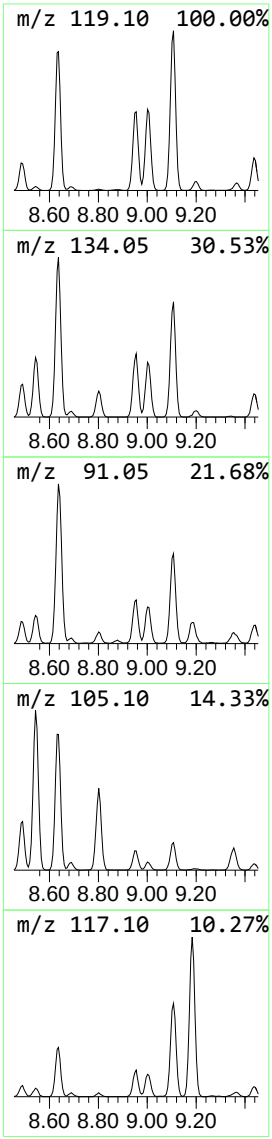
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.954	11.53 ng	640608	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-5-(12.5-13)

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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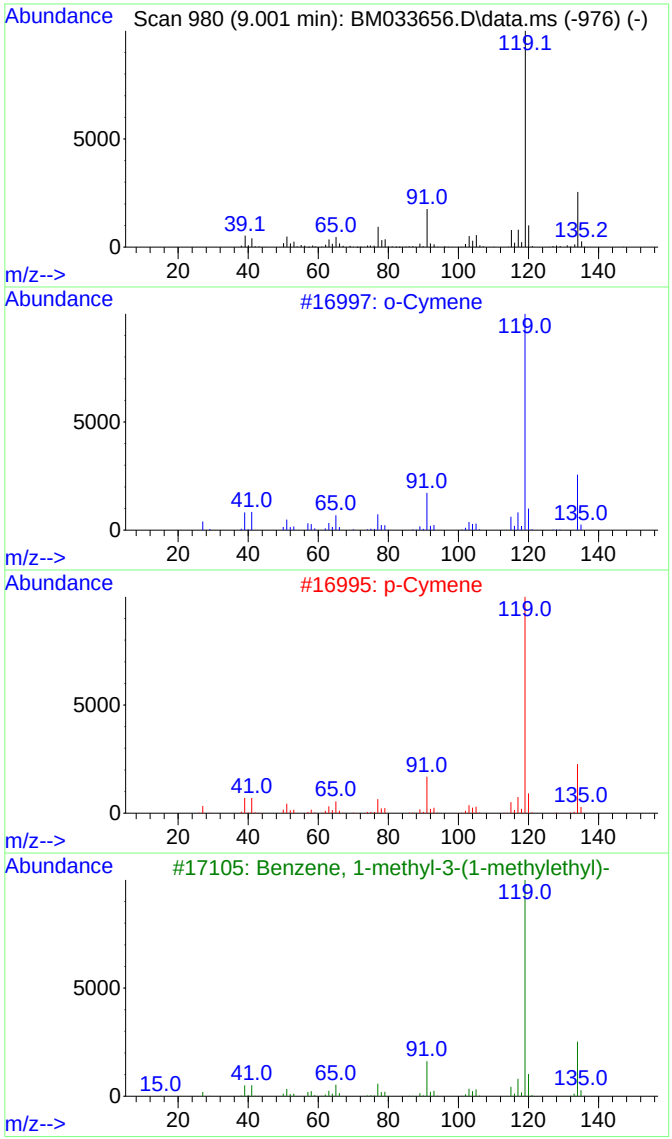
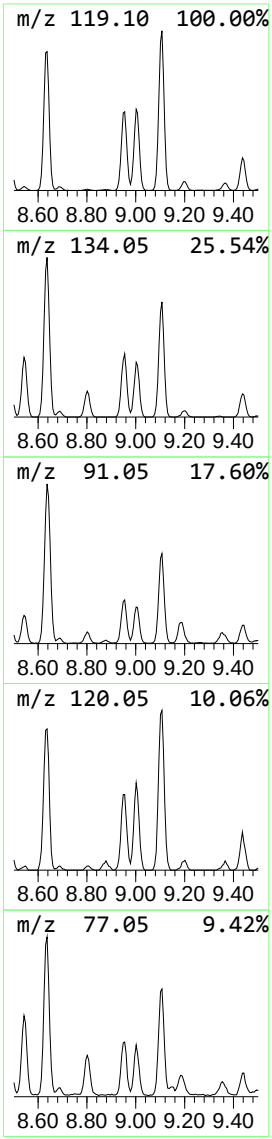
Peak Number 17 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.001	10.86 ng	602966	1,4-Dichlorobenzene-d4	7.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-5-(12.5-13)

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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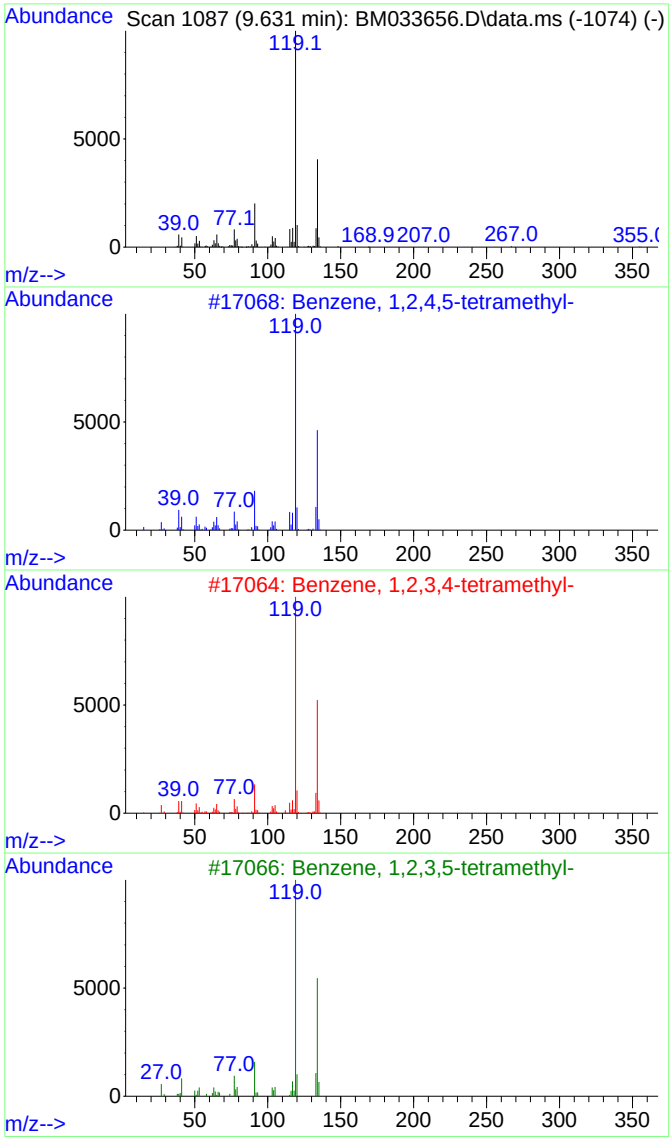
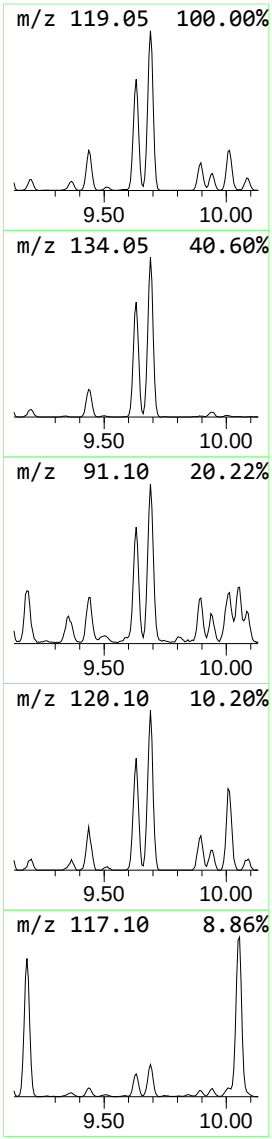
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.631	8.08 ng	987667	Naphthalene-d8	10.801

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	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
HSB-5-(12.5-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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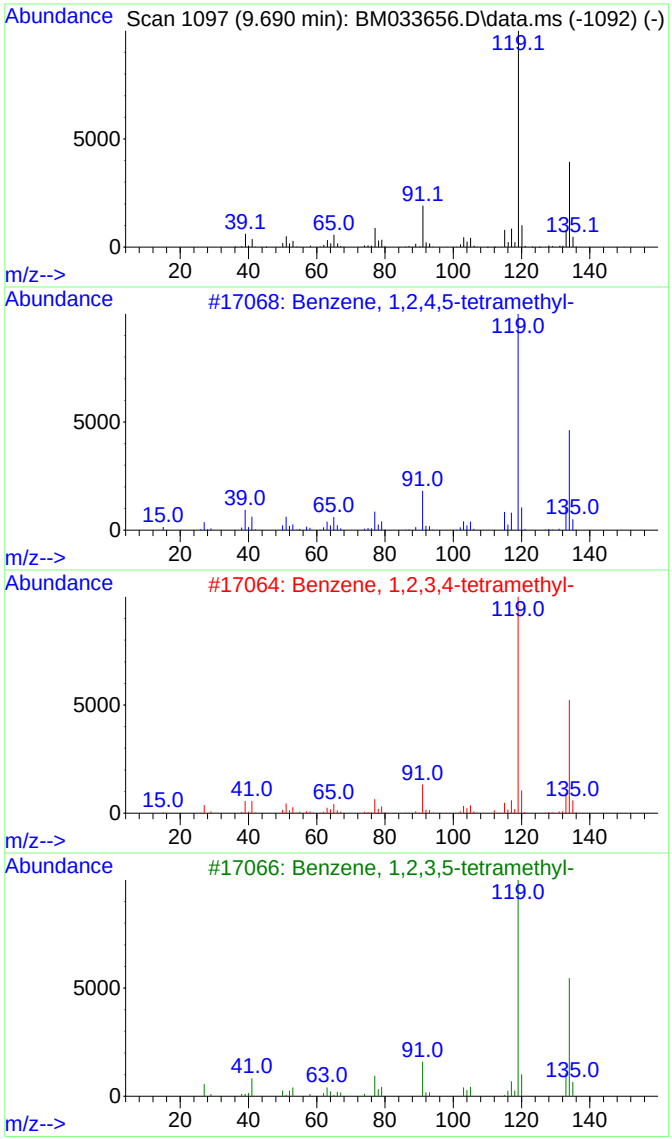
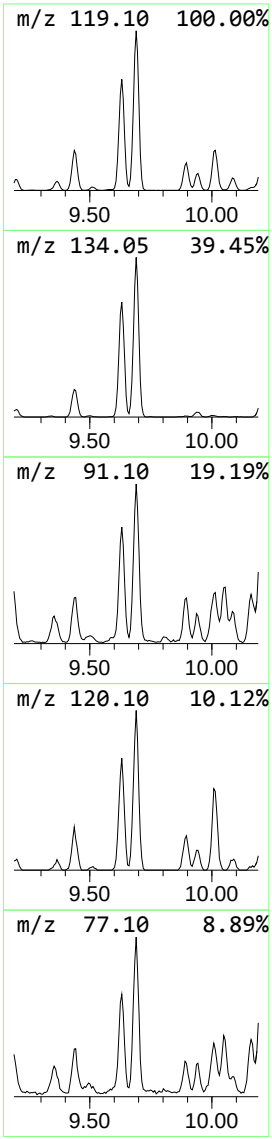
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.690	9.61 ng	1174030	Naphthalene-d8	10.801

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HSB-5-(12.5-13)

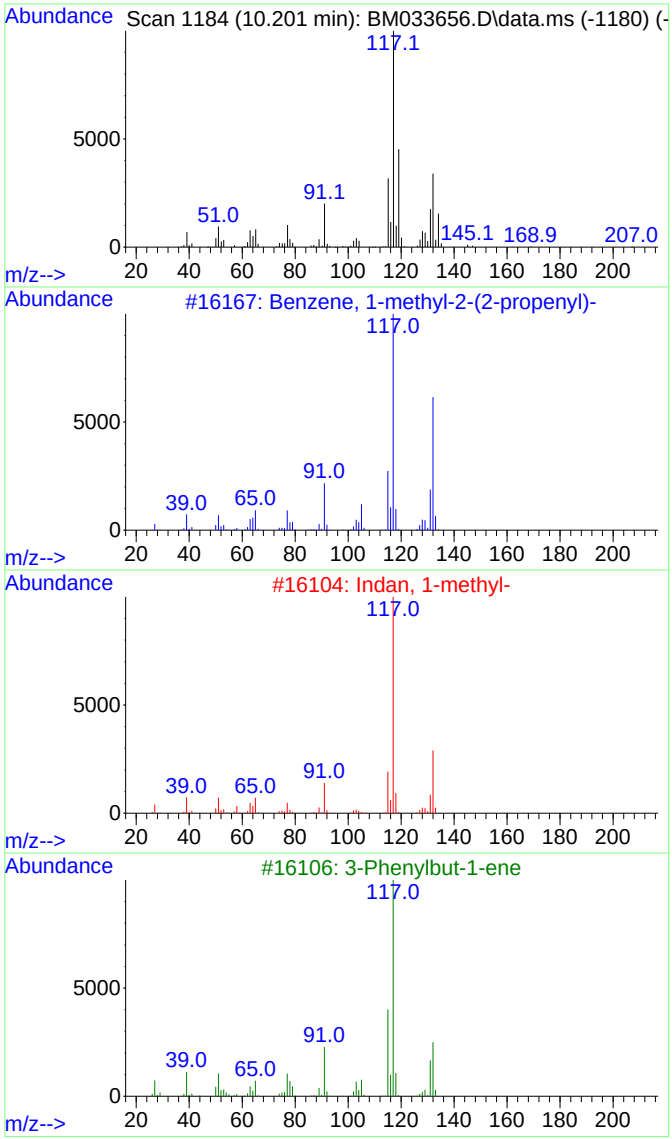
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

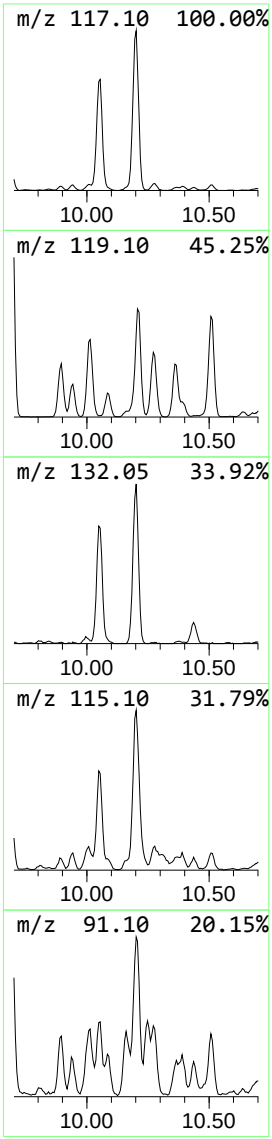
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-2-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.201	10.78 ng	1317430	Naphthalene-d8	10.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

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
2-Pentanol, 2-m...	3.614	8.3	ng	463320	1	7.984	1110860	20.0
Benzene, 1,3-di...	5.596	29.7	ng	1651330	1	7.984	1110860	20.0
Benzene, propyl-	6.960	22.0	ng	1222590	1	7.984	1110860	20.0
Benzene, 1-ethy...	7.072	38.3	ng	2127490	1	7.984	1110860	20.0
Benzene, 1-ethy...	7.372	18.5	ng	1025850	1	7.984	1110860	20.0
Mesitylene	7.637	100.9	ng	5604690	1	7.984	1110860	20.0
Benzene, 1,2,3-...	8.101	27.8	ng	1541790	1	7.984	1110860	20.0
Indane	8.366	12.0	ng	668312	1	7.984	1110860	20.0
Benzene, 1,3-di...	8.490	8.4	ng	469343	1	7.984	1110860	20.0
Benzene, 1-meth...	8.543	16.1	ng	896416	1	7.984	1110860	20.0
Benzene, 1,4-di...	8.637	32.2	ng	1790440	1	7.984	1110860	20.0
Benzene, 2-ethy...	8.954	11.5	ng	640608	1	7.984	1110860	20.0
o-Cymene	9.001	10.9	ng	602966	1	7.984	1110860	20.0
Benzene, 1,2,4,...	9.631	8.1	ng	987667	2	10.801	2443500	20.0
Benzene, 1,2,3,...	9.690	9.6	ng	1174030	2	10.801	2443500	20.0
Benzene, 1-meth...	10.201	10.8	ng	1317430	2	10.801	2443500	20.0