LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP051822

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.499	30	36	45	rVB3	283027	723025	3.32%	0.433%
2	2.716	66	73	82	rVB2	184160	422753	1.94%	0.253%
3	2.940	102	111	113	rBV3	115071	251994	1.16%	0.151%
4	2.987	114	119	127	rVB	406215	749458	3.44%	0.449%
5	3.605	218	224	230	rVV	382485	630197	2.90%	0.378%
6	3.681	230	237	248	rVV3	199589	419113	1.93%	0.251%
7	3.928	273	279	283	rVV	2265989	3245922	14.92%	1.944%
8	3.981	283	288	292	rVV	433357	614460	2.82%	0.368%
9	4.369	348	354	358	rVV	598927	836050	3.84%	0.501%
10	4.452	362	368	372	rVV	570171	712964	3.28%	0.427%
11	4.604	387	394	402	rBV2	342915	498831	2.29%	0.299%
12	5.363	514	523	526	rBV	7590588	13140093	60.38%	7.871%
13	5.493	533	545	546	rBV	8485587	21761723	100.00%	13.036%
14	5.728	578	585	588	rBV	6720058	8985929	41.29%	5.383%
15	6.022	631	635	639	rBV	1568502	1504921	6.92%	0.901%
16	6.316	681	685	689	rVB	2914228	2981089	13.70%	1.786%
17	6.393	692	698	700	rBV	5818034	7480736	34.38%	4.481%
18	6.422	700	703	706	rVV	5262823	5017846	23.06%	3.006%
19	6.463	706	710	713	rVB	4043894	4106073	18.87%	2.460%
20	6.504	713	717	720	rBV	674038	535863	2.46%	0.321%
21	6.551	720	725	728	rVB	5544359	5708966	26.23%	3.420%
22	6.704	743	751	754	rVB	8018990	15377361	70.66%	9.212%
23	6.863	774	778	780	rBV	611529	560241	2.57%	0.336%
24	6.887	780	782	784	rVV	361957	332413	1.53%	0.199%
25	6.922	784	788	791	rVB	5248500	6260277	28.77%	3.750%
26	7.046	804	809	812	rVV	5285729	5637547	25.91%	3.377%
27	7.098	815	818	820	rVV	1134535	1076952	4.95%	0.645%
28	7.128	820	823	827	rVV2	1325589	1358207	6.24%	0.814%
29	7.175	827	831	833	rVV	2136935	2070716	9.52%	1.240%
30	7.245	839	843	847	rBV	947622	799017	3.67%	0.479%
31	7.316	851	855	857	rVV	1497096	1513259	6.95%	0.906%
32	7.345	857	860	863	rVB	1354472	1239720	5.70%	0.743%
33	7.393	863	868	870	rBV	3078826	3102156	14.26%	1.858%
34	7.428	870	874	878	rVV2	3098016	3417492	15.70%	2.047%
35	7.534	889	892	895	rVV	964151	906502	4.17%	0.543%
36	7.622	899	907	909	rVV	1761456	1692368	7.78%	1.014%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.651	909	912	915	rVV	2617528	2140562	9.84%	1.282%
38	7.787	932	935	936	rVV	304308	276158	1.27%	0.165%
39	7.810	936	939	944	rVB	2153665	1935430	8.89%	1.159%
40	7.881	944	951	956	rBV	3989056	4652663	21.38%	2.787%
41	7.928	956	959	965	rVV4	407129	867555	3.99%	0.520%
42	7.981	965	968	970	rVV	875255	791533	3.64%	0.474%
43	8.004	970	972	976	rVB	218308	220853	1.01%	0.132%
44	8.134	987	994	995	rVV2	924776	1388816	6.38%	0.832%
45	8.175	995	1001	1005	rVV	5450748	7837829	36.02%	4.695%
46	8.216	1005	1008	1012	rVB2	611959	576997	2.65%	0.346%
47	8.381	1033	1036	1038	rVV	190207	221335	1.02%	0.133%
48	8.410	1039	1041	1047	rVB	449961	470670	2.16%	0.282%
49	8.522	1052	1060	1064	rVB	597919	570402	2.62%	0.342%
50	8.575	1064	1069	1071	rBV2	168830	227356	1.04%	0.136%
51	8.604	1071	1074	1078	rVV2	482442	505090	2.32%	0.303%
52	8.640	1078	1080	1085	rVB2	503242	467916	2.15%	0.280%
53	8.722	1092	1094	1100	rBV3	293680	404011	1.86%	0.242%
54	8.798	1104	1107	1111	rVB2	297551	355736	1.63%	0.213%
55	8.857	1111	1117	1120	rBV	3235596	3291517	15.13%	1.972%
56	8.957	1129	1134	1137	rVB	2782824	2471556	11.36%	1.481%
57	9.216	1173	1178	1181	rVB	2954756	2505175	11.51%	1.501%
58	9.316	1191	1195	1197	rBV2	242085	240752	1.11%	0.144%
59	9.410	1209	1211	1216	rVB	290933	313430	1.44%	0.188%
60	9.487	1219	1224	1227	rVB2	581022	784178	3.60%	0.470%
61	9.551	1232	1235	1238	rVV	815785	886628	4.07%	0.531%
62	9.581	1238	1240	1244	rVB	604712	483180	2.22%	0.289%
63	9.669	1252	1255	1261	rVB	348116	435024	2.00%	0.261%
64	9.898	1289	1294	1298	rBV	925879	835727	3.84%	0.501%
65	10.692	1425	1429	1433	rBV	1672862	1450228	6.66%	0.869%
66	11.392	1544	1548	1550	rBV	764036	656076	3.01%	0.393%
67	12.975	1813	1817	1821	rBV	2058232	1966623	9.04%	1.178%
68	14.039	1994	1998	2003	rBV	551206	478094	2.20%	0.286%
69	15.527	2246	2251	2258	rVB2	447577	554899	2.55%	0.332%

Sum of corrected areas: 166936233

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
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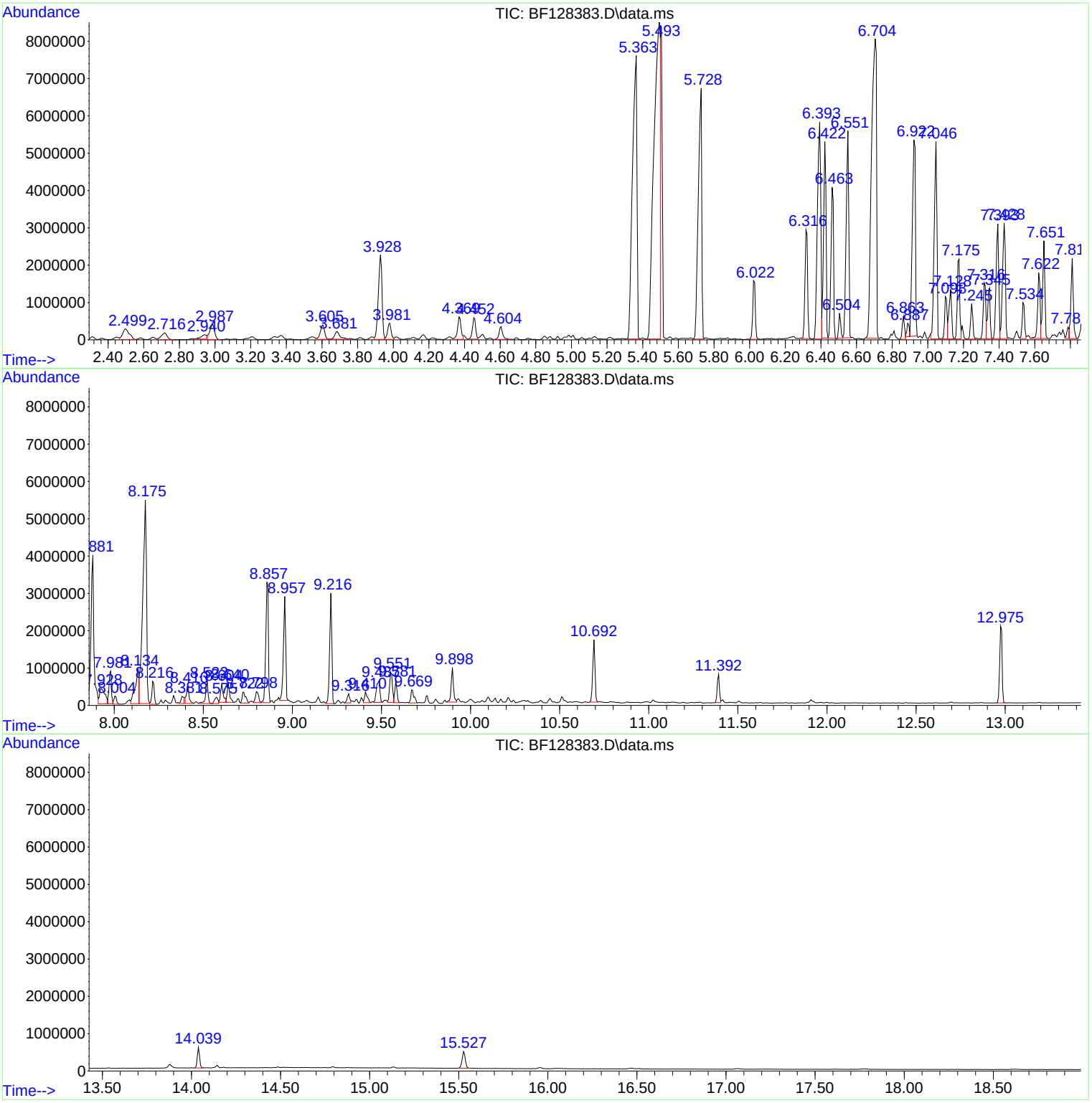
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

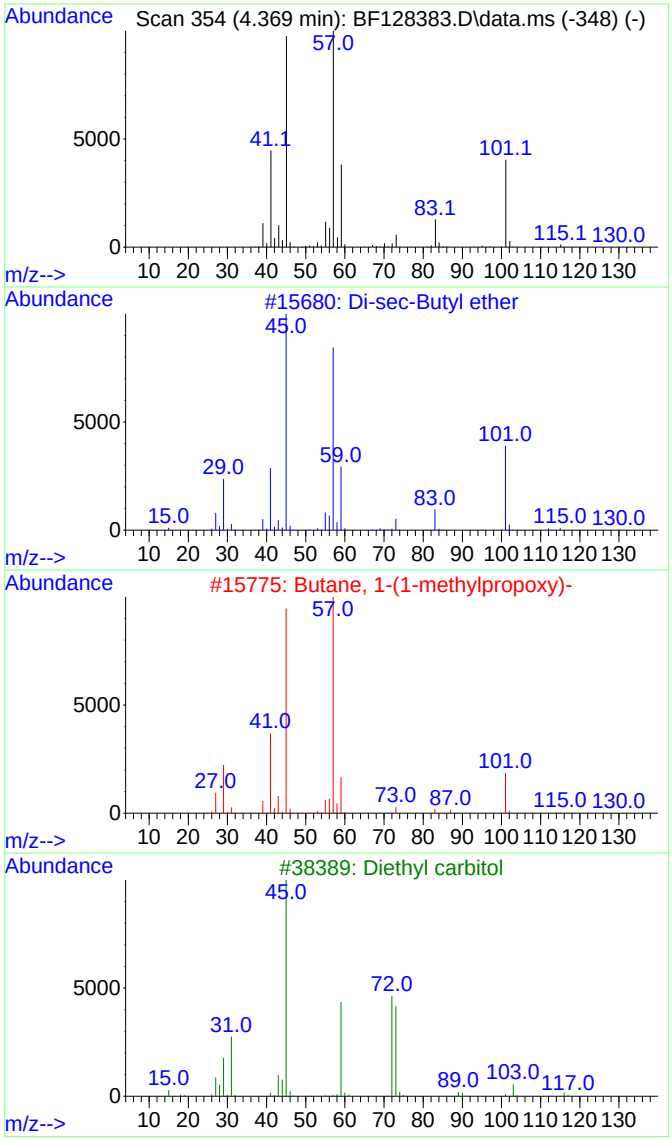
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

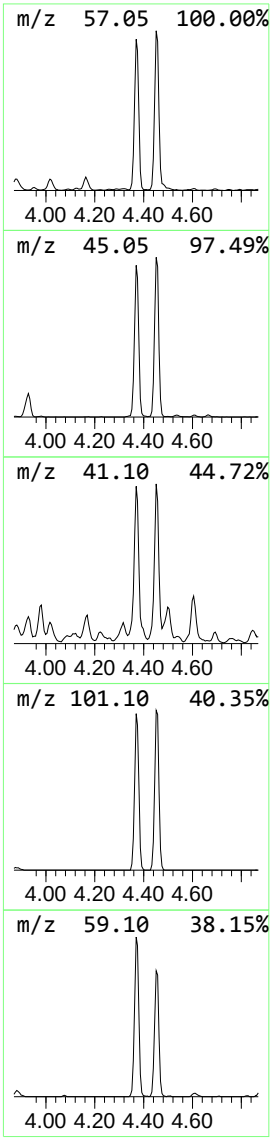
****

Peak Number 2 Di-sec-Butyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.369	29.85 ng	836050	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	87
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
3	Diethyl carbitol	162	C8H18O3	000112-36-7	47
4	1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	38
5	2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

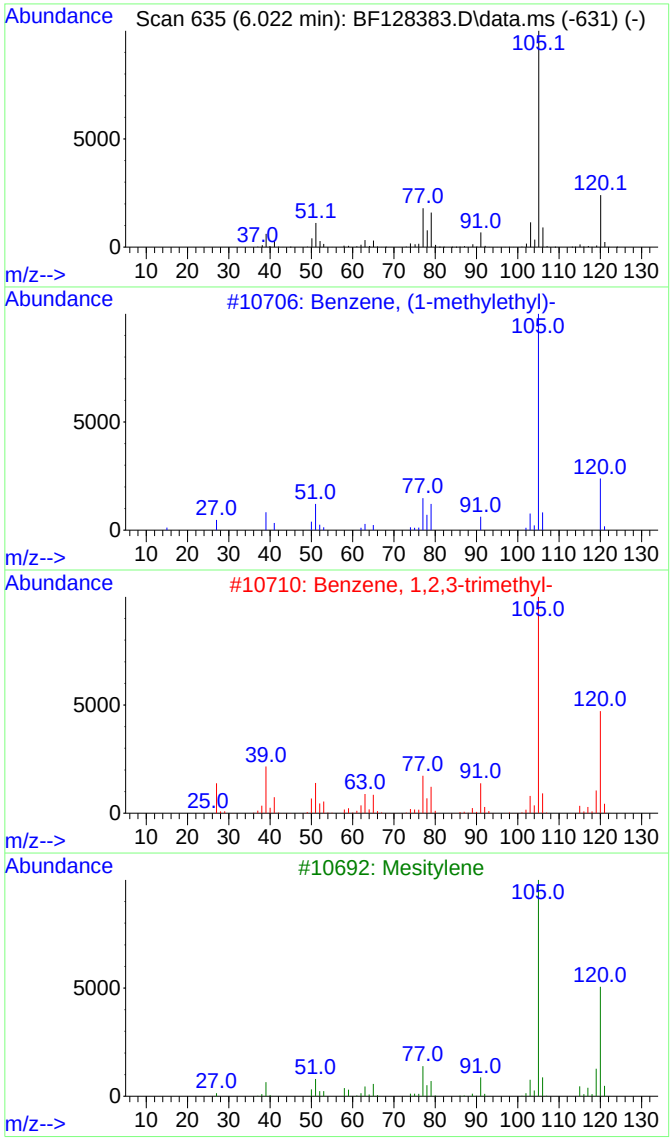
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

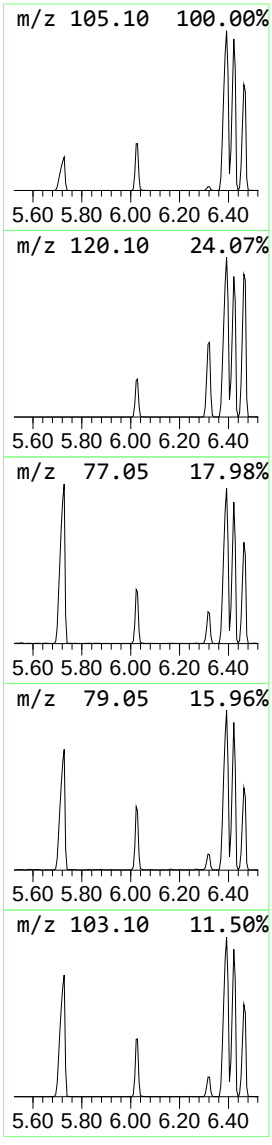
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.022	53.72 ng	1504920	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	2,4-Nonadiyne	120	C9H12	063621-15-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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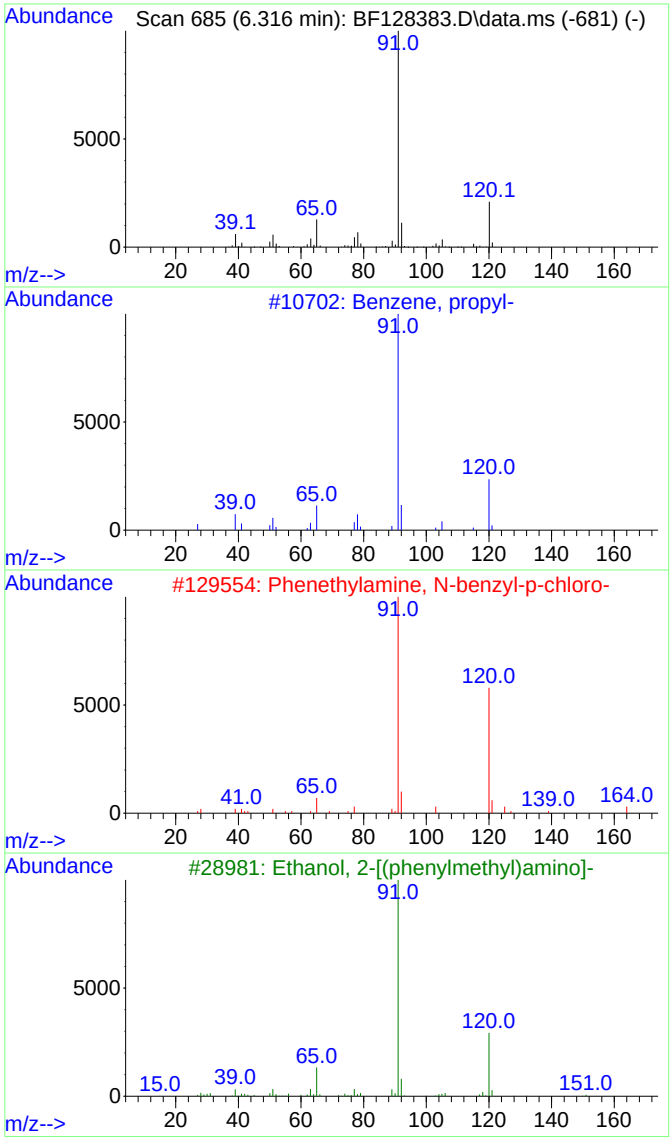
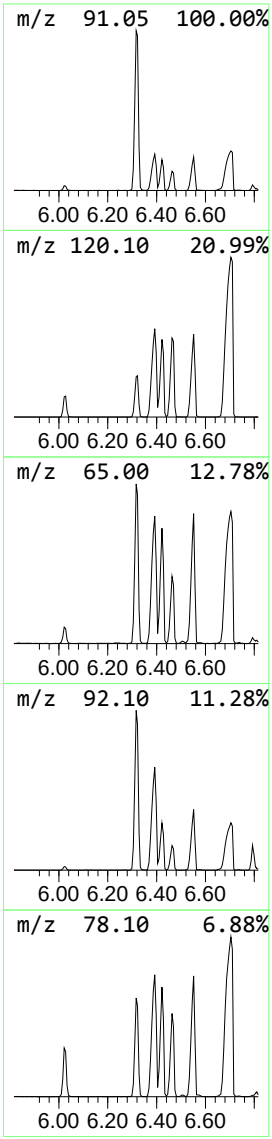
Peak Number 6 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	106.42 ng	2981090	1,4-Dichlorobenzene-d4	6.863

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	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
5	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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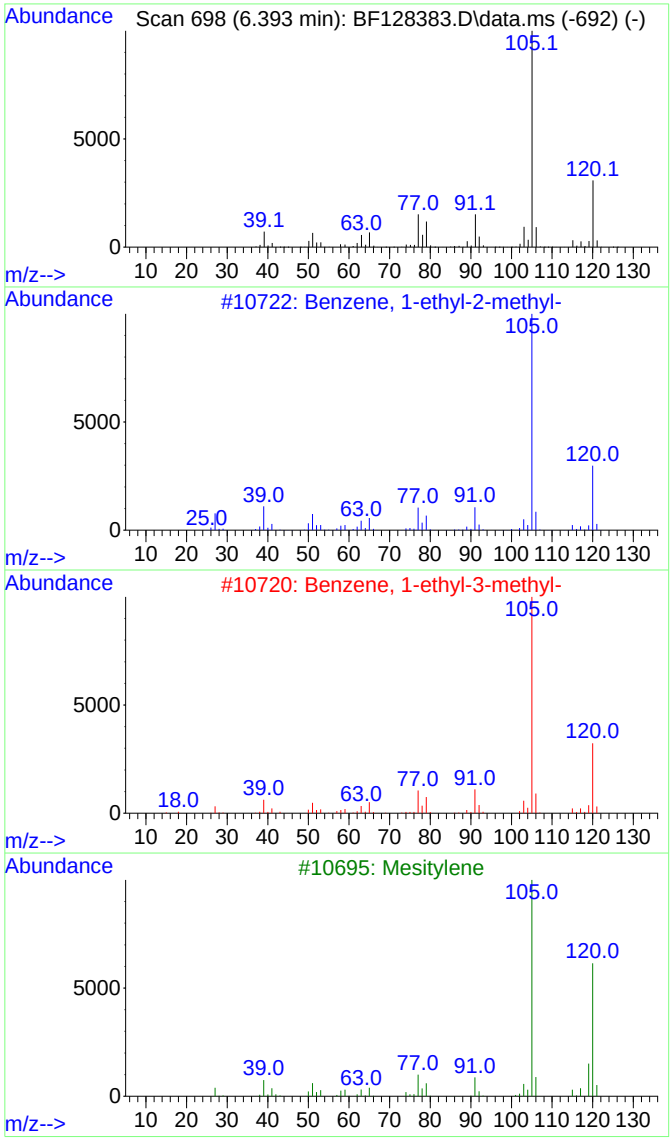
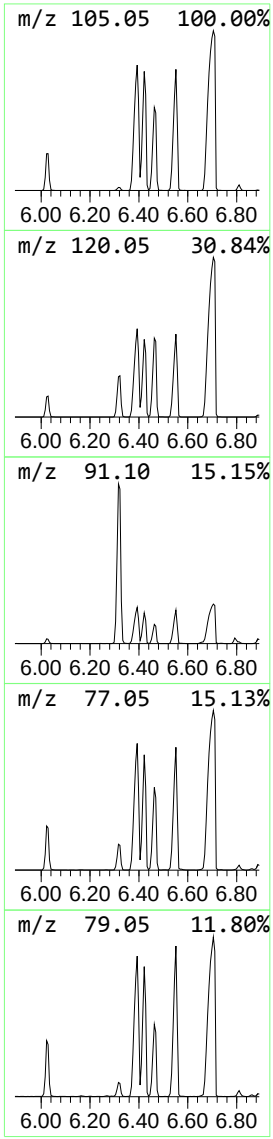
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.393	267.05 ng	7480740	1,4-Dichlorobenzene-d4	6.863

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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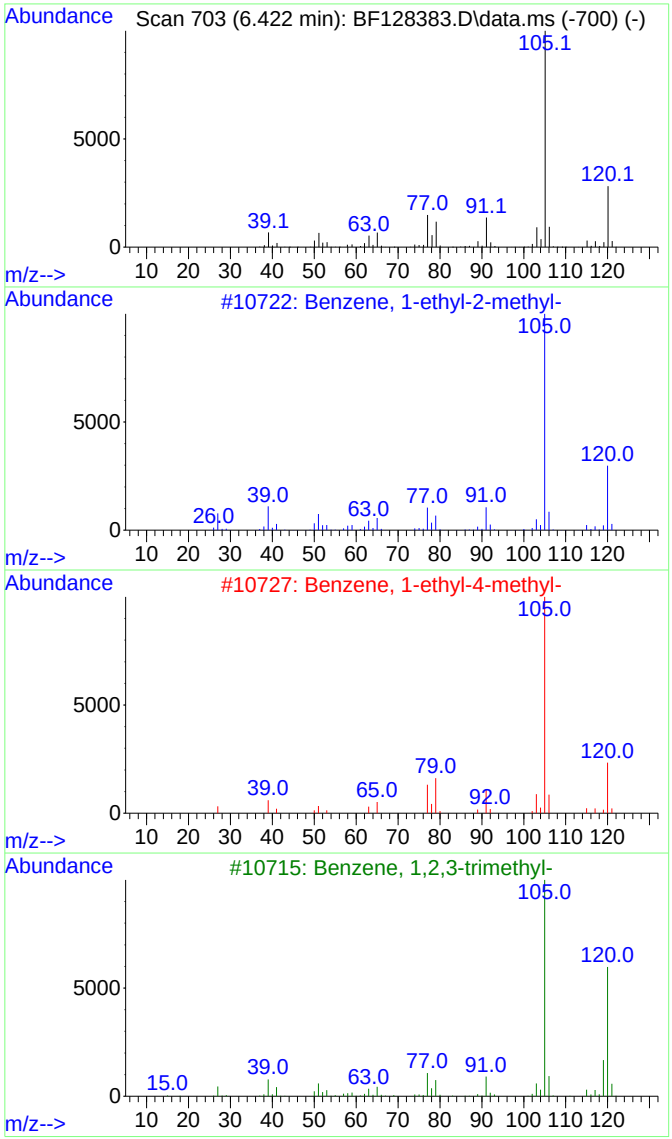
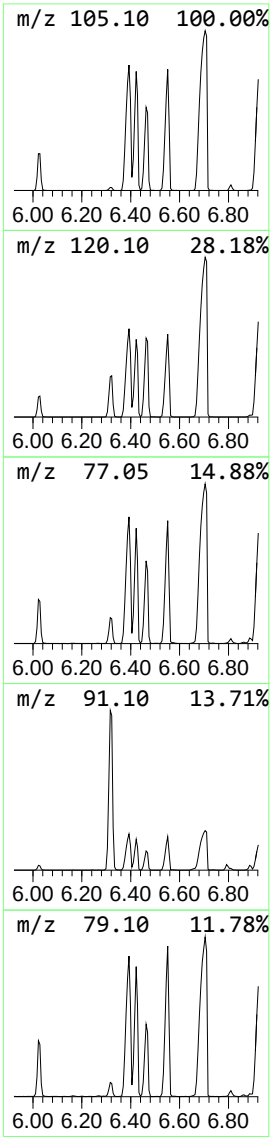
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	179.13 ng	5017850	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
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Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

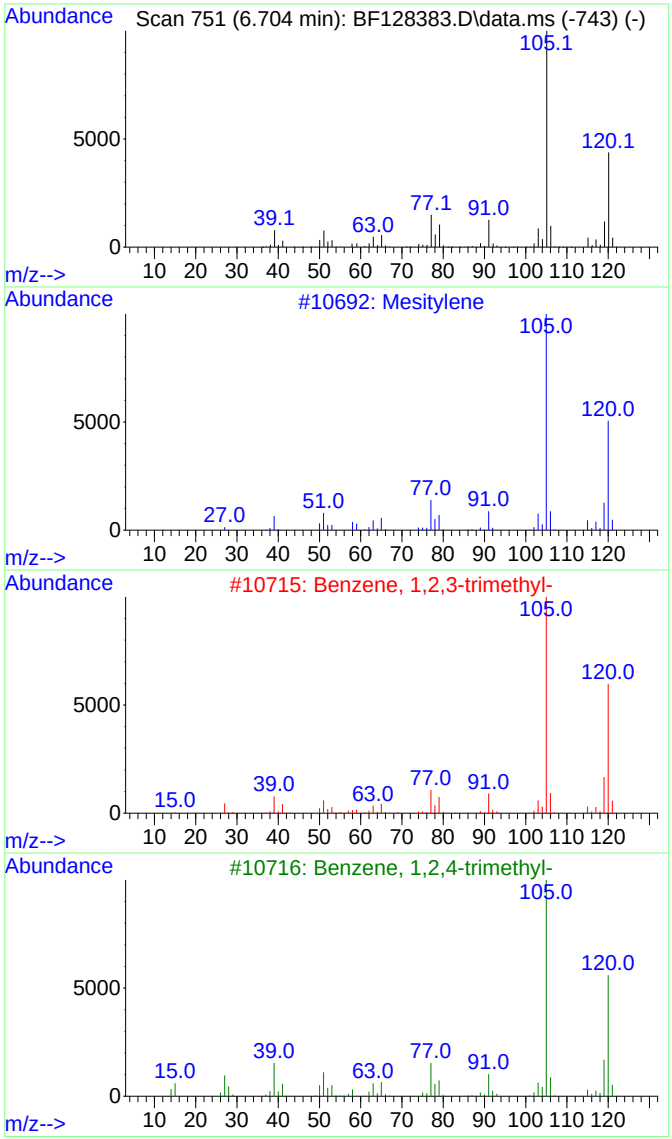
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

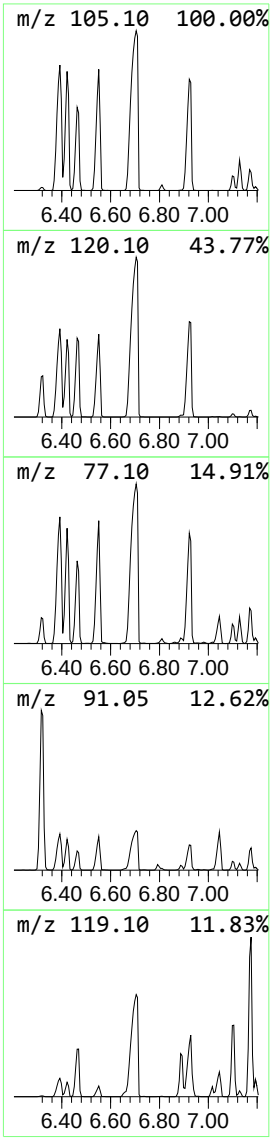
****

Peak Number 9 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	548.96 ng	15377400	1,4-Dichlorobenzene-d4	6.863

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-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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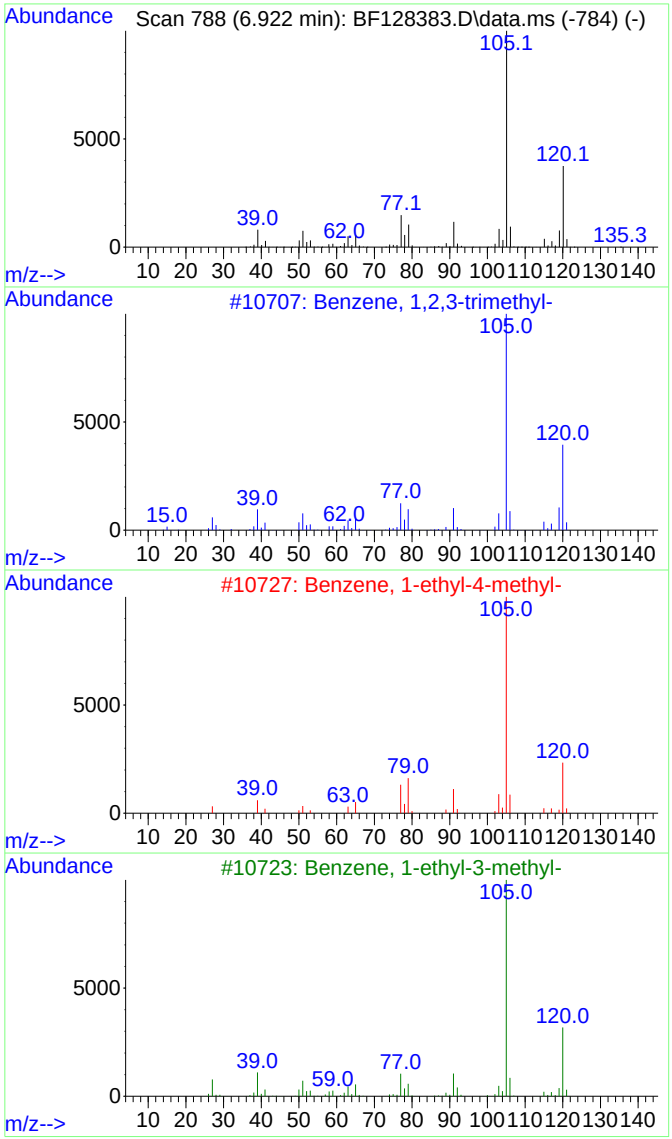
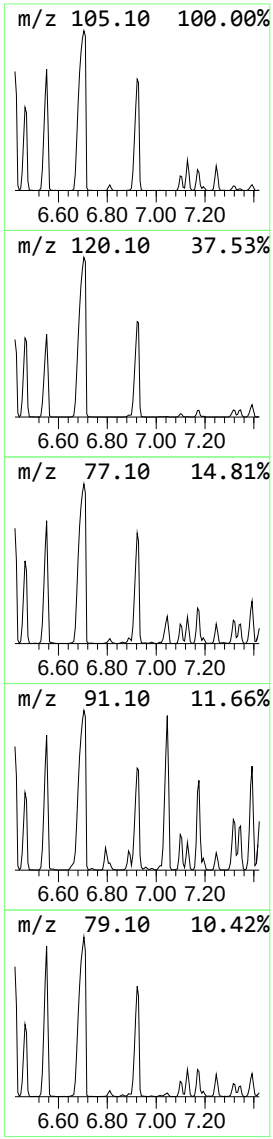
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	223.49 ng	6260280	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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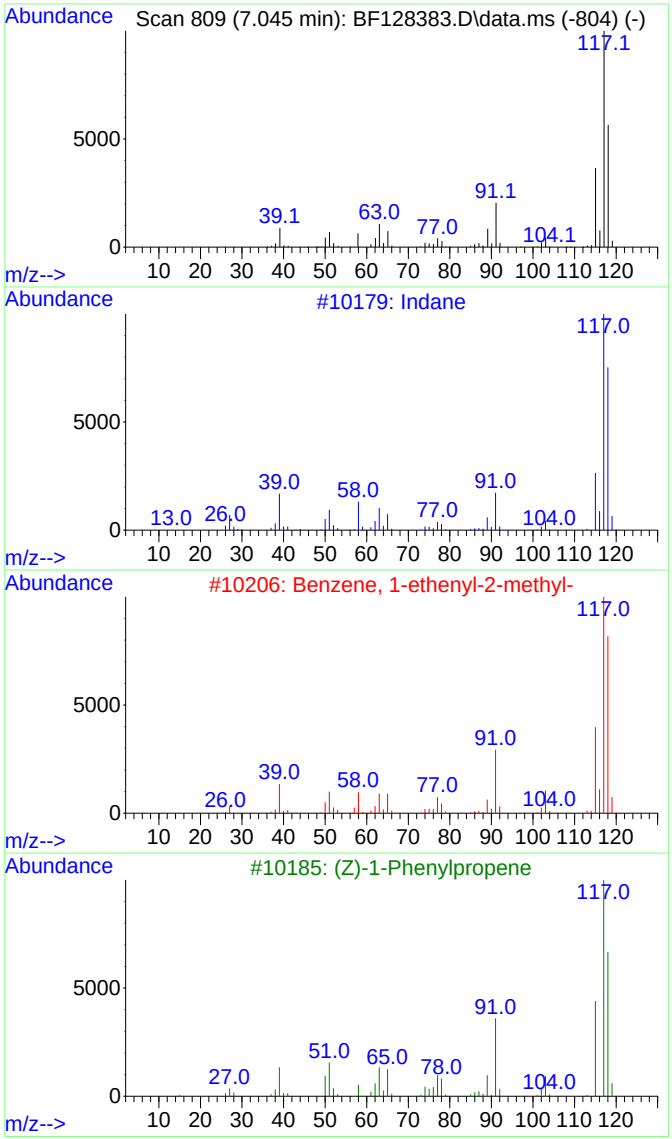
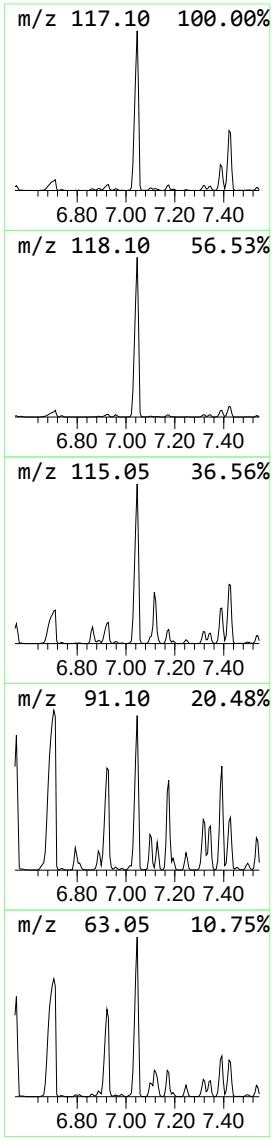
Peak Number 11 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	201.25 ng	5637550	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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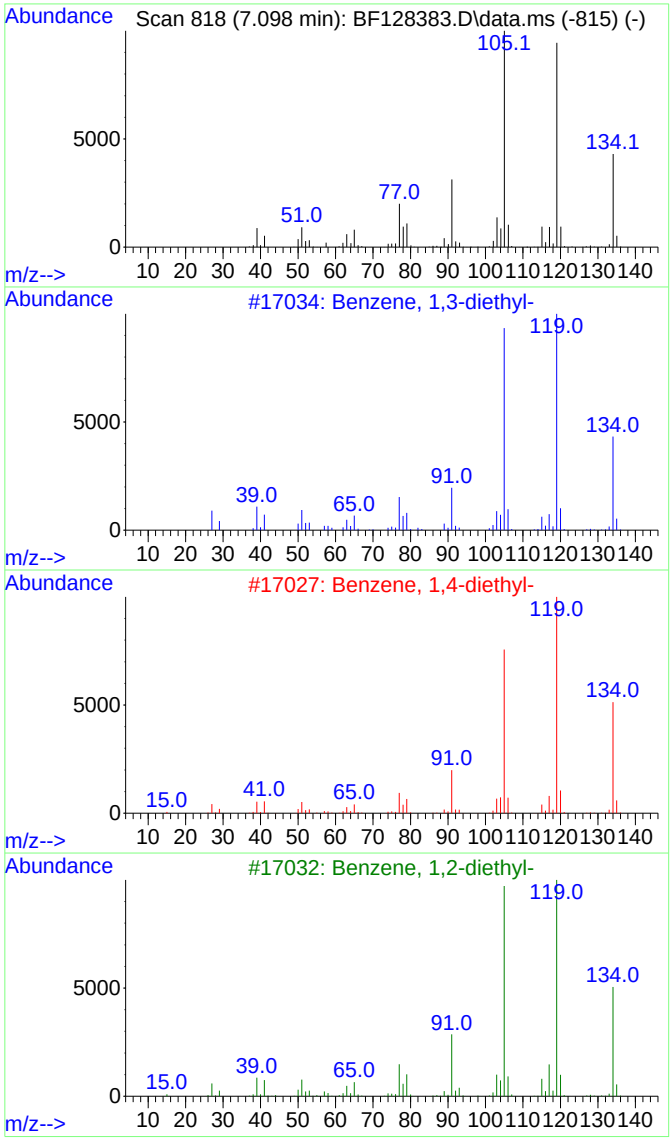
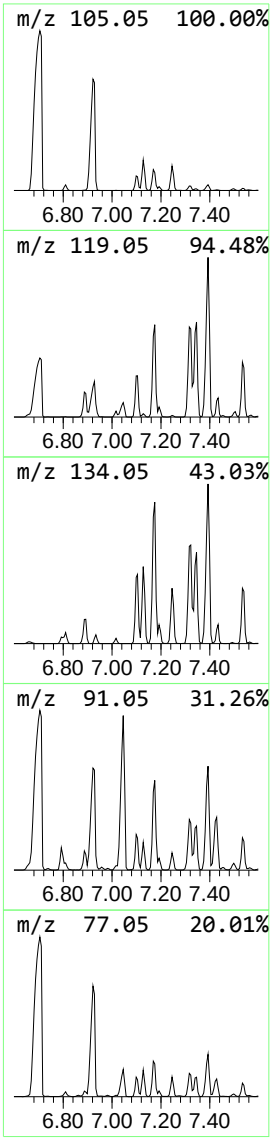
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	38.45 ng	1076950	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

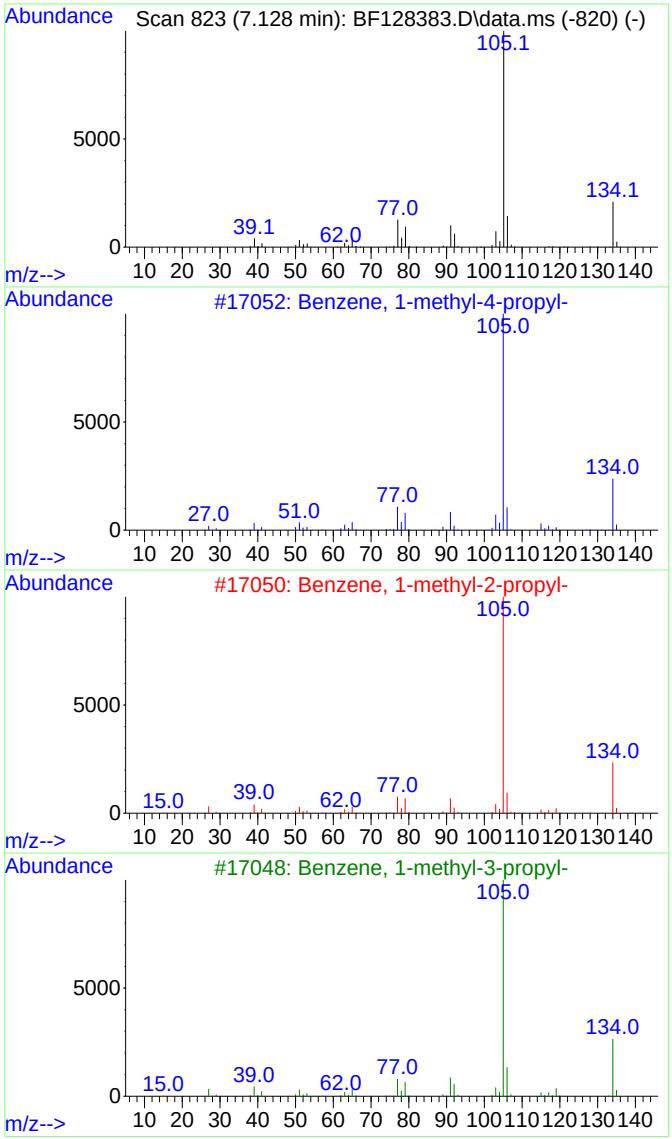
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

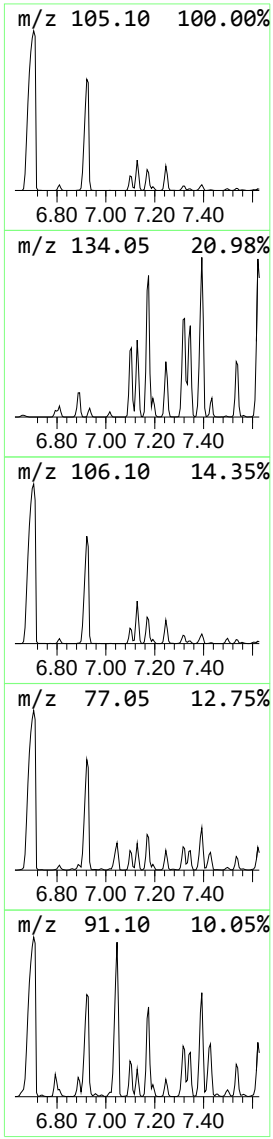
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	48.49 ng	1358210	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	2-Tolyloxirane	134	C9H10O	002783-26-8	90
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80





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Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

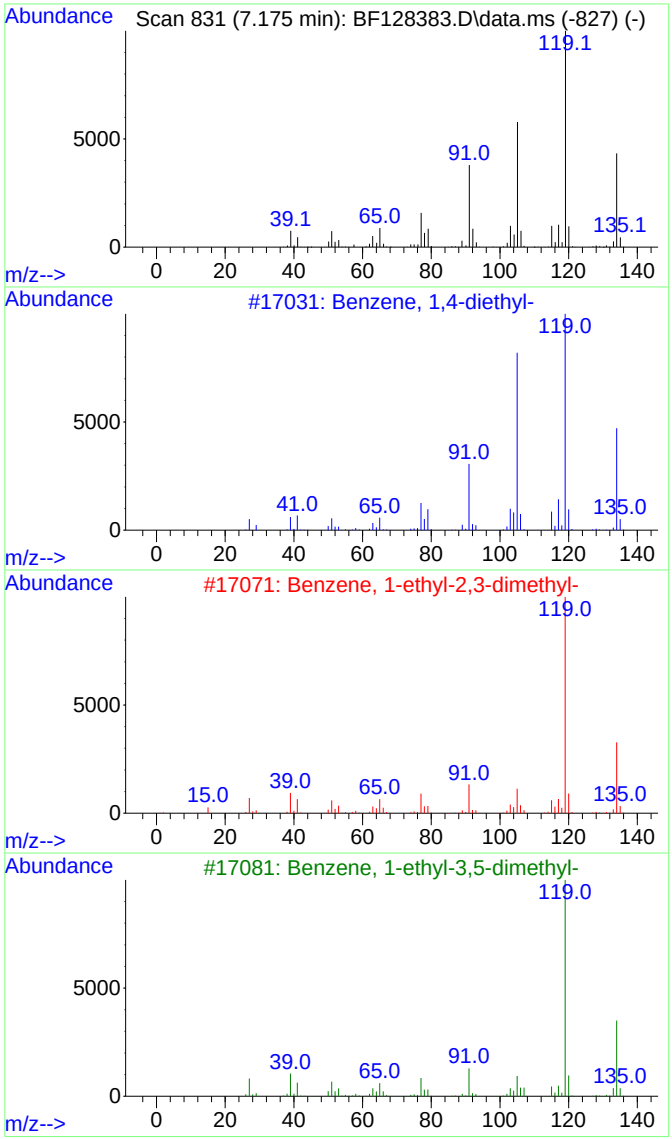
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

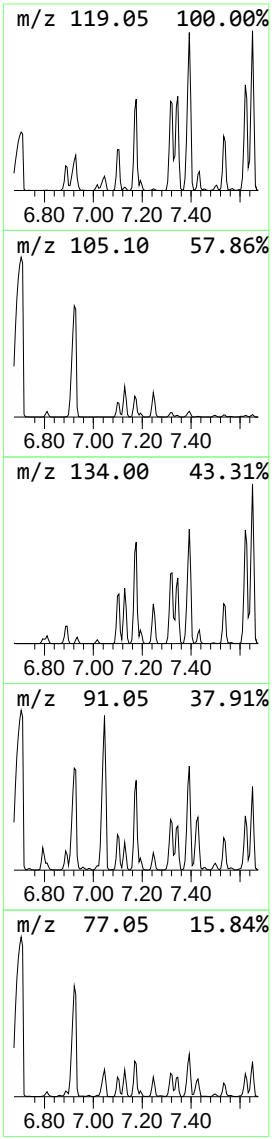
****

Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	73.92 ng	2070720	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
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, 1,2-diethyl-	134	C10H14	000135-01-3	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

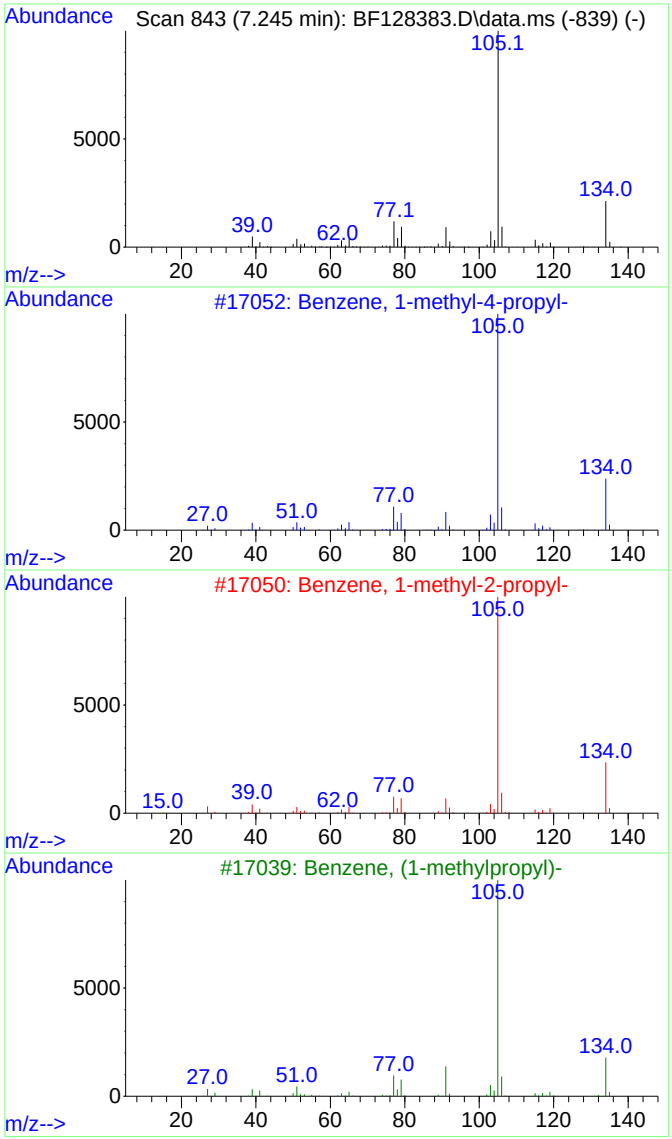
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

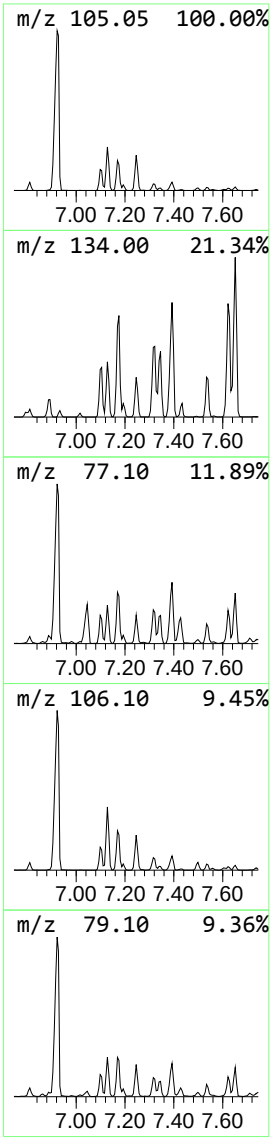
****

Peak Number 15 Benzene, 1-methyl-2-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.245	28.52 ng	799017	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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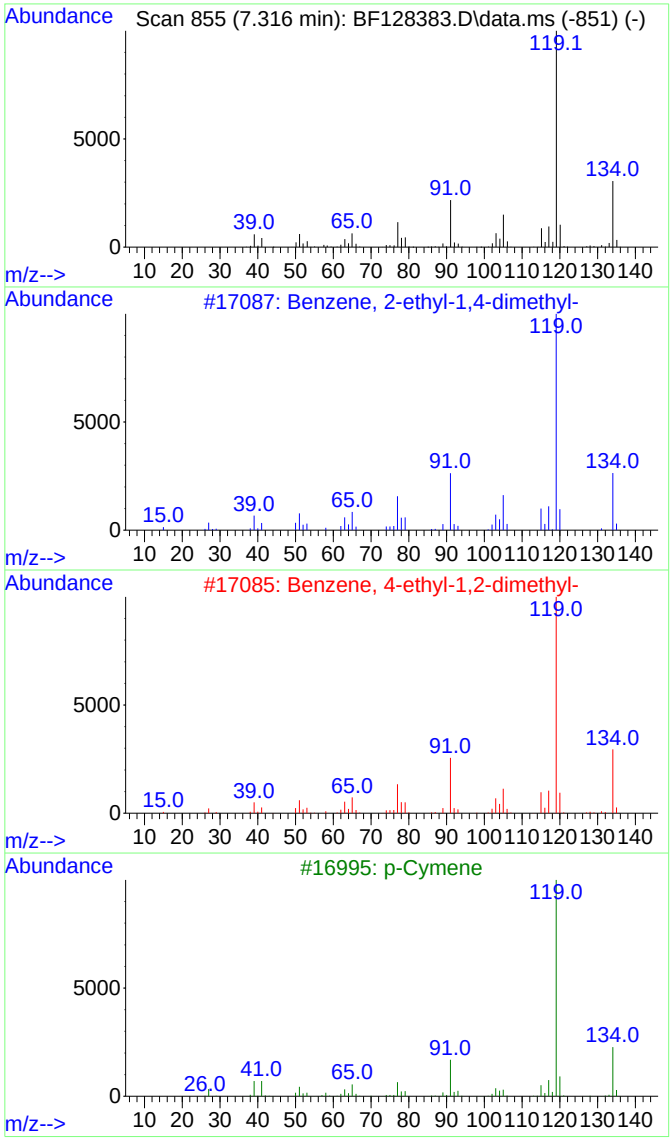
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

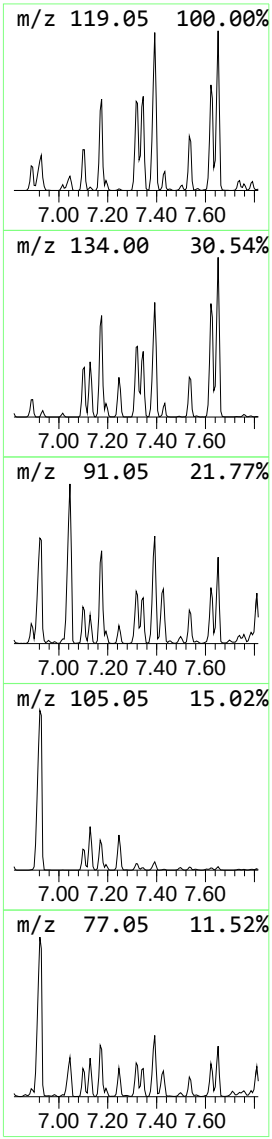
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.316	54.02 ng	1513260	1,4-Dichlorobenzene-d4	6.863

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	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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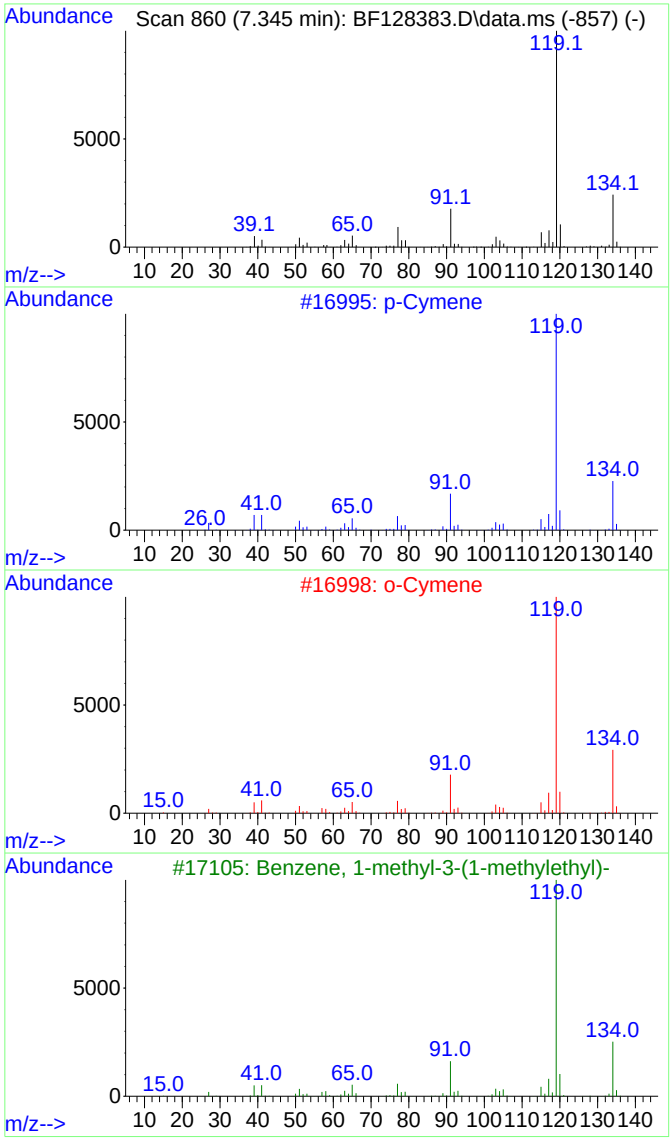
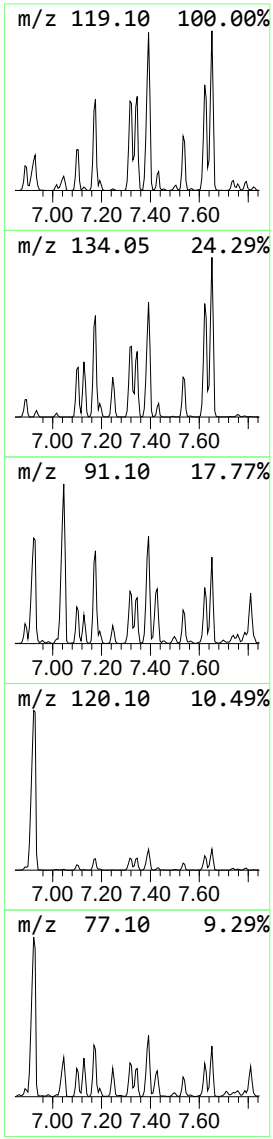
Peak Number 17 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.345	44.26 ng	1239720	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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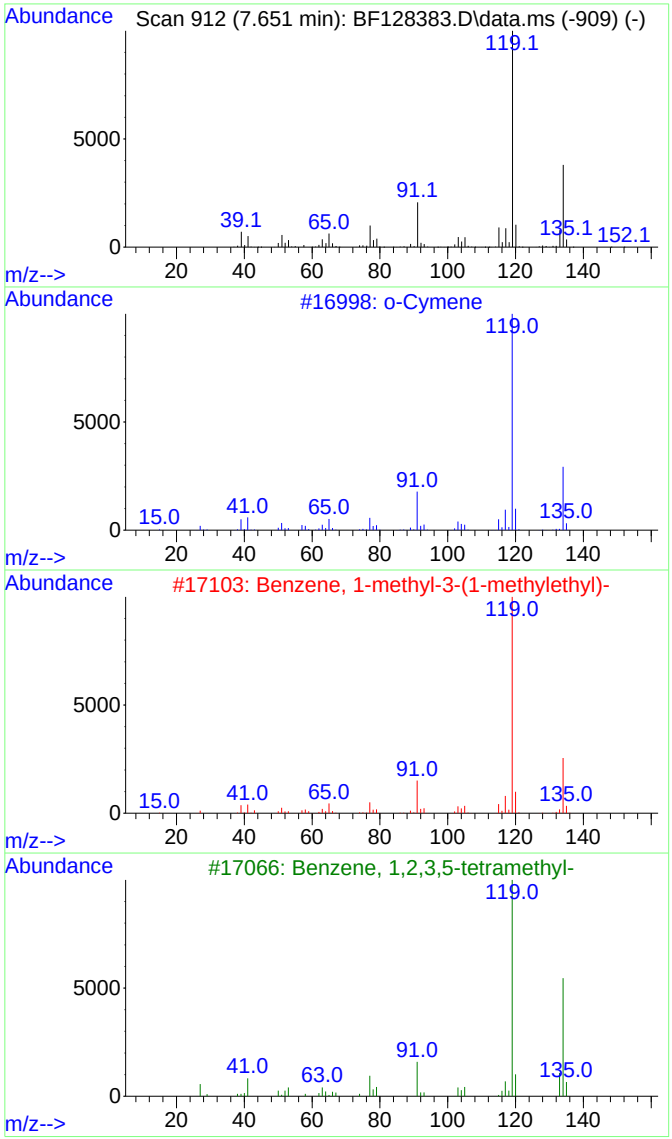
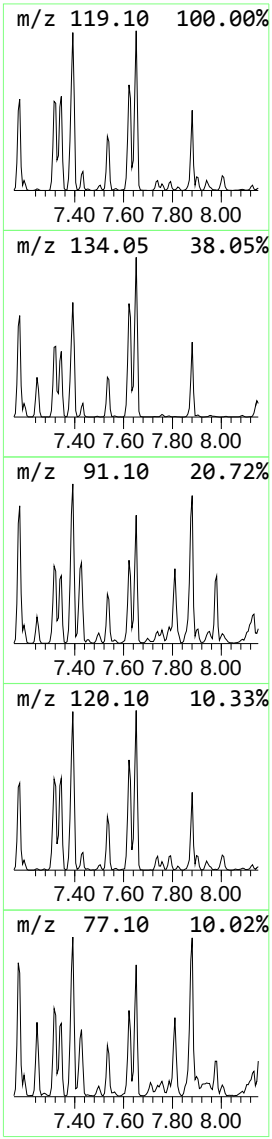
Peak Number 18 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.651	30.83 ng	2140560	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Operator : CG\JU
Sample : N2943-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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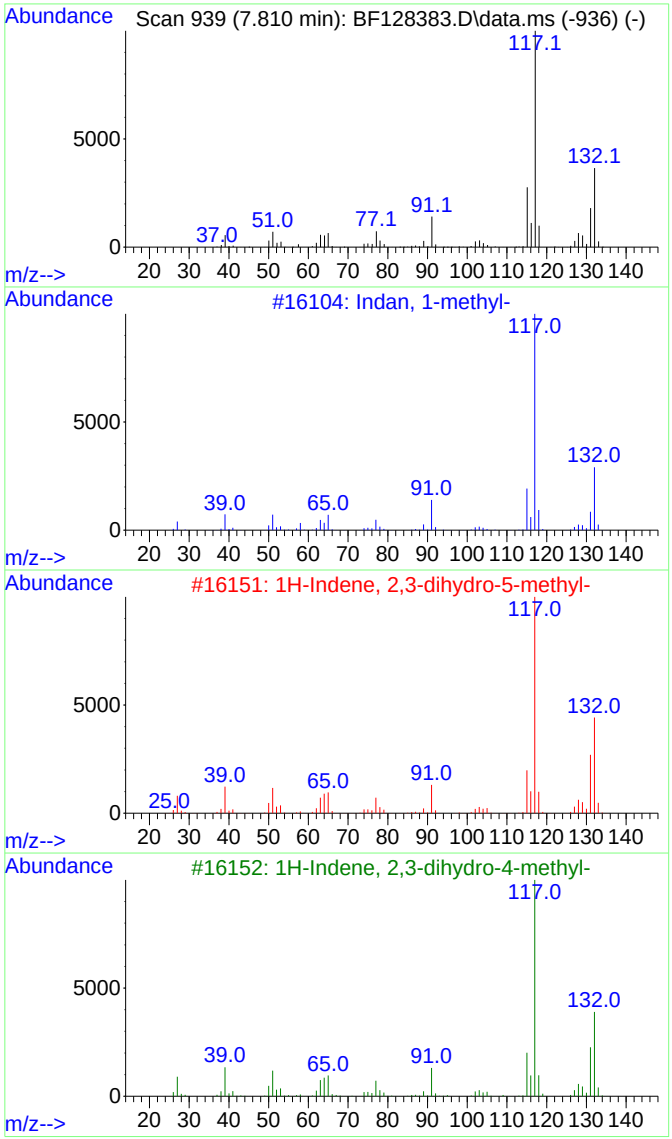
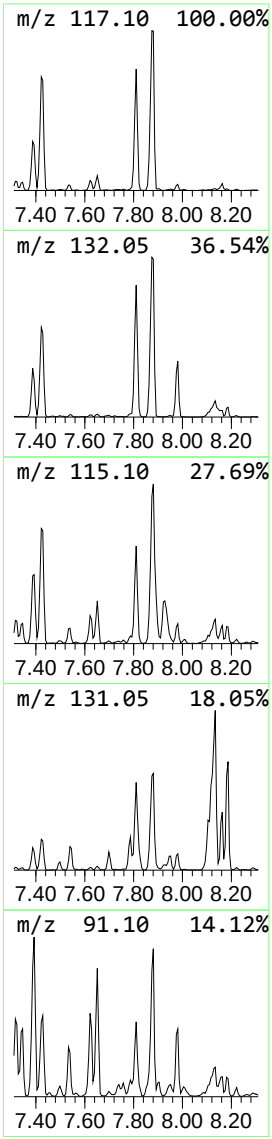
Peak Number 19 Indan, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.810	27.87 ng	1935430	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86





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Operator : CG\JU
Sample : N2943-19
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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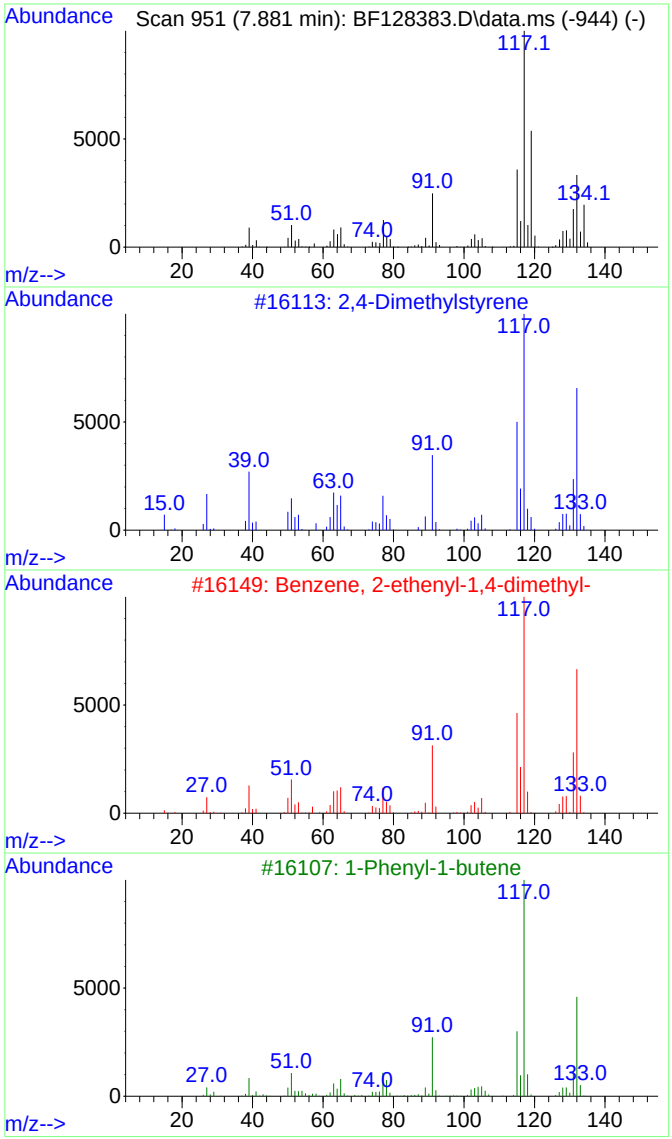
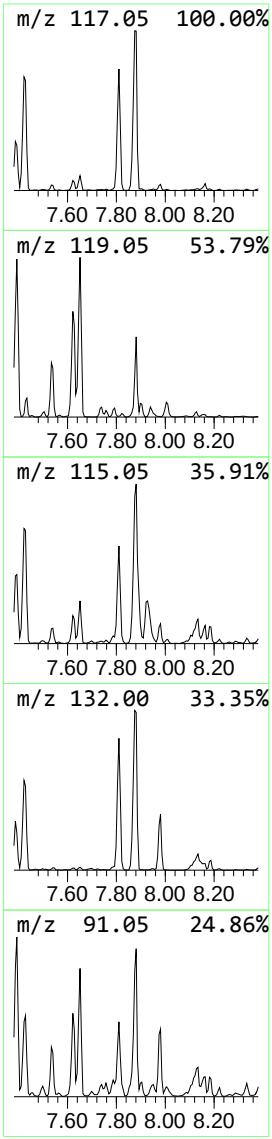
Peak Number 20 2,4-Dimethylstyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	67.00 ng	4652660	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128383.D
Acq On : 21 May 2022 00:33
Operator : CG\JU
Sample : N2943-19
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
DUP051822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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
Di-sec-Butyl ether	4.369	29.9	ng	836050	1	6.863	560241	20.0
Benzene, (1-met...	6.022	53.7	ng	1504920	1	6.863	560241	20.0
Benzene, propyl-	6.316	106.4	ng	2981090	1	6.863	560241	20.0
Benzene, 1-ethy...	6.393	267.1	ng	7480740	1	6.863	560241	20.0
Benzene, 1-ethy...	6.422	179.1	ng	5017850	1	6.863	560241	20.0
Mesitylene	6.704	549.0	ng	15377400	1	6.863	560241	20.0
Benzene, 1,2,3-...	6.922	223.5	ng	6260280	1	6.863	560241	20.0
Indane	7.045	201.3	ng	5637550	1	6.863	560241	20.0
Benzene, 1,3-di...	7.098	38.5	ng	1076950	1	6.863	560241	20.0
Benzene, 1-meth...	7.128	48.5	ng	1358210	1	6.863	560241	20.0
Benzene, 1,4-di...	7.175	73.9	ng	2070720	1	6.863	560241	20.0
Benzene, 1-meth...	7.245	28.5	ng	799017	1	6.863	560241	20.0
Benzene, 2-ethy...	7.316	54.0	ng	1513260	1	6.863	560241	20.0
p-Cymene	7.345	44.3	ng	1239720	1	6.863	560241	20.0
o-Cymene	7.651	30.8	ng	2140560	2	8.145	1388820	20.0
Indan, 1-methyl-	7.810	27.9	ng	1935430	2	8.145	1388820	20.0
2,4-Dimethylsty...	7.881	67.0	ng	4652660	2	8.145	1388820	20.0