LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

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_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053686.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.975	96	100	109	rVB4	14035	35783	1.39%	0.132%
2	4.222	136	142	156	rBV	137880	237904	9.22%	0.879%
3	4.469	178	184	188	rBV	34605	56478	2.19%	0.209%
4	4.528	188	194	210	rVB5	43312	98952	3.84%	0.366%
5	5.244	304	316	323	rVB8	15258	47988	1.86%	0.177%
6	5.556	360	369	376	rBV	1023324	1643281	63.71%	6.074%
7	5.632	376	382	388	rVV	284505	485390	18.82%	1.794%
8	5.708	388	395	408	rVB	404843	681502	26.42%	2.519%
9	6.061	444	455	464	rBV	238345	426331	16.53%	1.576%
10	6.537	531	536	545	rVB	57164	93103	3.61%	0.344%
11	7.030	613	620	627	rBV	89306	148412	5.75%	0.549%
12	7.142	630	639	643	rVV	25846	51456	1.99%	0.190%
13	7.201	643	649	651	rVV	101631	171423	6.65%	0.634%
14	7.230	651	654	658	rVV	196255	355328	13.78%	1.313%
15	7.277	658	662	674	rVB	358245	604402	23.43%	2.234%
16	7.441	683	690	697	rBV	483537	825349	32.00%	3.051%
17	7.706	727	735	742	rVB	911538	1512521	58.64%	5.591%
18	8.058	788	795	799	rBV	104780	185544	7.19%	0.686%
19	8.176	808	815	822	rVB	592833	1018250	39.48%	3.764%
20	8.334	832	842	850	rBV3	48316	104184	4.04%	0.385%
21	8.434	852	859	871	rVV	636783	1102687	42.75%	4.076%
22	8.546	871	878	882	rVV	56467	102070	3.96%	0.377%
23	8.599	882	887	896	rVB2	164423	290969	11.28%	1.076%
24	8.698	896	904	910	rBV2	158955	294861	11.43%	1.090%
25	8.751	910	913	920	rVB5	20022	34075	1.32%	0.126%
26	8.863	924	932	946	rBV2	43448	109994	4.26%	0.407%
27	9.010	946	957	962	rBV	84014	147643	5.72%	0.546%
28	9.063	962	966	977	rVV	47275	111285	4.31%	0.411%
29	9.168	977	984	988	rVV2	216552	411216	15.94%	1.520%
30	9.227	988	994	1009	rVB2	451864	1042112	40.40%	3.852%
31	9.497	1034	1040	1047	rVB	58406	99307	3.85%	0.367%
32	9.691	1067	1073	1078	rBV	83347	140855	5.46%	0.521%
33	9.750	1078	1083	1087	rBV	89346	147241	5.71%	0.544%
34	9.832	1094	1097	1100	rBV4	19006	29637	1.15%	0.110%
35	9.961	1113	1119	1131	rVB5	17203	57245	2.22%	0.212%
36	10.073	1131	1138	1139	rVV6	26409	51719	2.01%	0.191%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

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_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.114	1140	1145	1158	rVB	101540	204496	7.93%	0.756%
38	10.261	1164	1170	1179	rBV2	253478	521348	20.21%	1.927%
39	10.361	1184	1187	1193	rVV7	18826	42736	1.66%	0.158%
40	10.443	1197	1201	1205	rVV2	23272	38209	1.48%	0.141%
41	10.502	1206	1211	1216	rVB3	30748	53225	2.06%	0.197%
42	10.567	1216	1222	1228	rBV3	26067	54442	2.11%	0.201%
43	10.866	1266	1273	1278	rBV	143934	289901	11.24%	1.072%
44	10.919	1278	1282	1289	rVV	171960	305106	11.83%	1.128%
45	11.036	1296	1302	1314	rVB	93695	181771	7.05%	0.672%
46	11.383	1357	1361	1367	rVB2	17062	31583	1.22%	0.117%
47	11.483	1370	1378	1382	rBV9	31664	91211	3.54%	0.337%
48	11.536	1382	1387	1392	rVB	77294	135688	5.26%	0.502%
49	11.730	1413	1420	1424	rBV5	26680	61534	2.39%	0.227%
50	11.783	1425	1429	1433	rVB4	16897	28555	1.11%	0.106%
51	11.877	1436	1445	1454	rBV9	26981	79855	3.10%	0.295%
52	11.971	1454	1461	1464	rBV4	60822	121264	4.70%	0.448%
53	12.241	1501	1507	1516	rVB	99435	193137	7.49%	0.714%
54	12.370	1522	1529	1531	rBV5	16155	29231	1.13%	0.108%
55	12.411	1532	1536	1543	rVB3	25070	54464	2.11%	0.201%
56	12.640	1570	1575	1579	rBV6	22811	40270	1.56%	0.149%
57	12.734	1583	1591	1596	rBV3	135011	241134	9.35%	0.891%
58	12.781	1596	1599	1601	rBV3	45976	64735	2.51%	0.239%
59	12.858	1607	1612	1615	rBV	96706	183408	7.11%	0.678%
60	13.010	1634	1638	1641	rBV5	15308	30526	1.18%	0.113%
61	13.057	1641	1646	1656	rVV2	120031	281148	10.90%	1.039%
62	13.151	1657	1662	1671	rVB2	126809	234086	9.08%	0.865%
63	13.310	1680	1689	1696	rVB	1190706	1893431	73.41%	6.999%
64	13.398	1699	1704	1708	rVB6	15520	26025	1.01%	0.096%
65	13.498	1716	1721	1728	rBV5	42748	108019	4.19%	0.399%
66	13.557	1728	1731	1736	rVB3	32898	54235	2.10%	0.200%
67	13.651	1742	1747	1753	rBV	86124	135584	5.26%	0.501%
68	13.745	1758	1763	1771	rBV4	89294	266861	10.35%	0.986%
69	13.821	1771	1776	1779	rVV	68110	107816	4.18%	0.399%
70	13.862	1779	1783	1790	rVB	216818	350305	13.58%	1.295%
71	13.933	1790	1795	1797	rBV2	56230	86096	3.34%	0.318%
72	14.168	1830	1835	1836	rBV5	20667	27303	1.06%	0.101%
73	14.220	1841	1844	1858	rVB2	50155	136647	5.30%	0.505%
74	14.361	1865	1868	1877	rVB2	65283	120863	4.69%	0.447%
75	14.432	1877	1880	1884	rBV2	19307	38039	1.47%	0.141%
76	14.520	1892	1895	1901	rVB	23551	36604	1.42%	0.135%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

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_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.602	1906	1909	1916	rVB7	22786	32354	1.25%	0.120%
78	14.684	1916	1923	1939	rVB	276798	526475	20.41%	1.946%
79	14.808	1939	1944	1949	rBV2	39748	77319	3.00%	0.286%
80	14.861	1949	1953	1959	rVB8	27022	47445	1.84%	0.175%
81	14.919	1959	1963	1971	rBV5	23697	52167	2.02%	0.193%
82	15.008	1974	1978	1984	rVB6	26130	52675	2.04%	0.195%
83	15.119	1993	1997	2006	rVB10	26186	53690	2.08%	0.198%
84	15.213	2007	2013	2021	rBV2	50060	112129	4.35%	0.414%
85	15.378	2037	2041	2049	rBV8	15711	39491	1.53%	0.146%
86	15.519	2060	2065	2069	rVB7	19160	26482	1.03%	0.098%
87	16.177	2171	2177	2186	rBV	981083	1555091	60.29%	5.748%
88	17.434	2385	2391	2397	rVB	340306	511554	19.83%	1.891%
89	18.321	2537	2542	2550	rBV2	64817	137136	5.32%	0.507%
90	19.590	2754	2758	2768	rBV6	32343	62226	2.41%	0.230%
91	20.036	2828	2834	2840	rBV	1982273	2579270	100.00%	9.534%
92	21.328	3050	3054	3061	rBV3	53368	102665	3.98%	0.379%
93	21.710	3113	3119	3125	rBV2	334302	560023	21.71%	2.070%
94	24.971	3663	3674	3684	rBV2	191693	587957	22.80%	2.173%

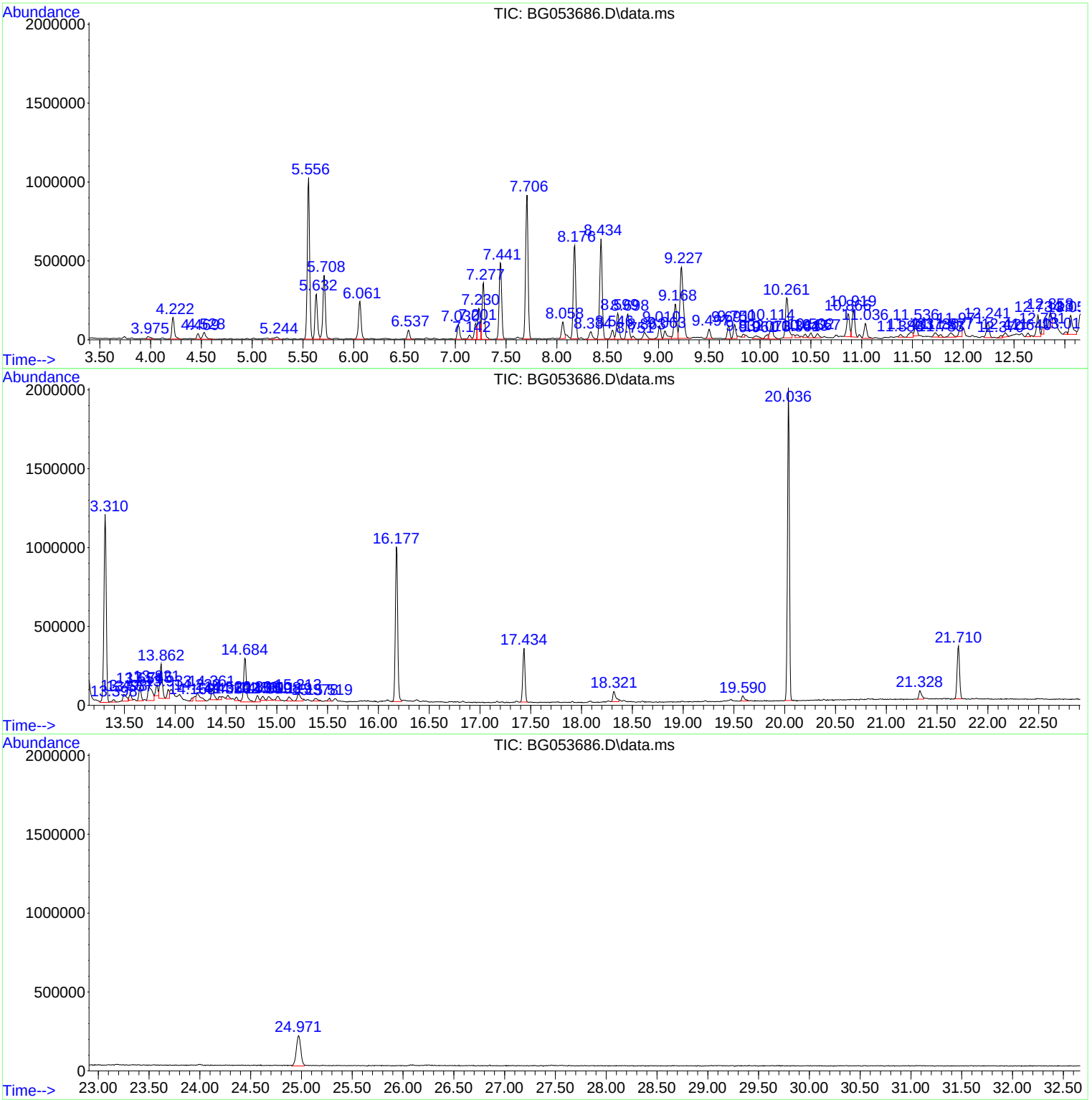
Sum of corrected areas: 27053537

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

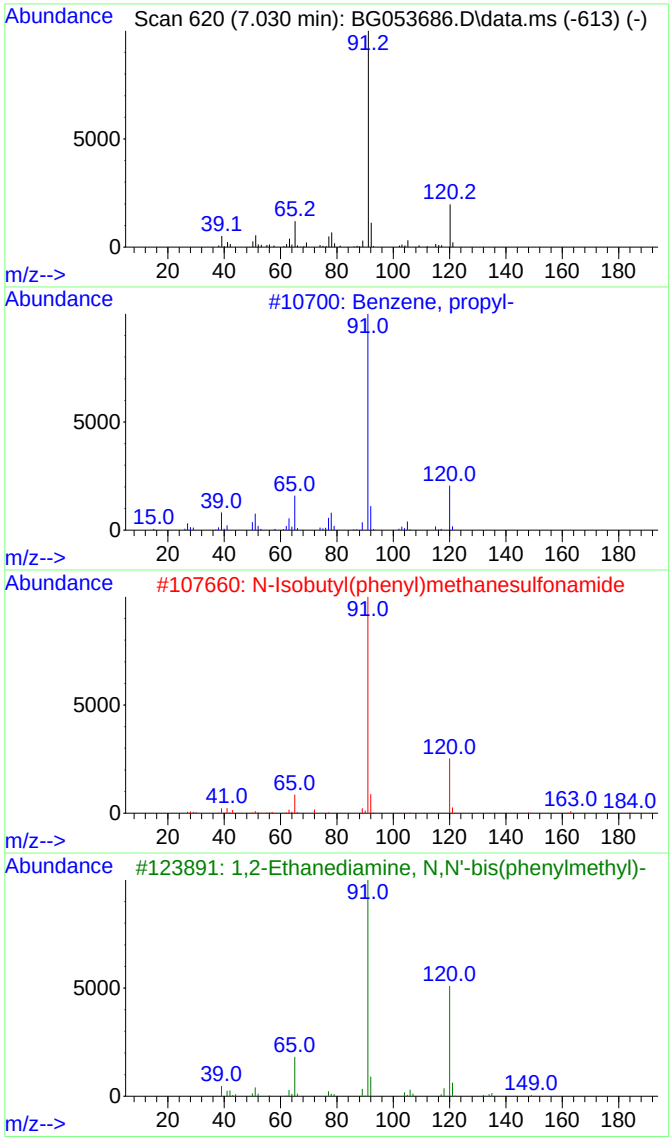
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

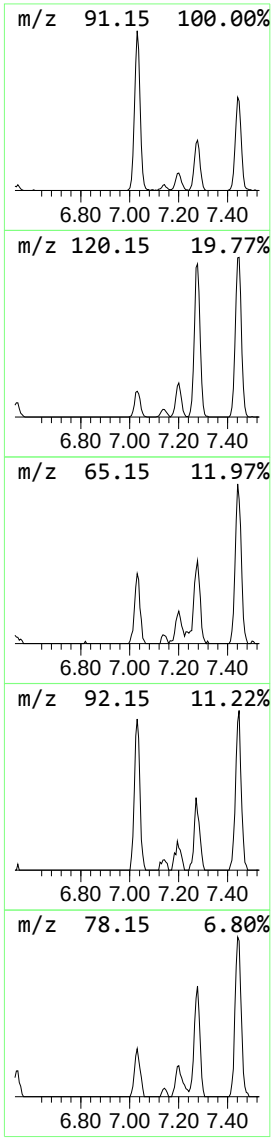
****

Peak Number 5 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.030	16.00 ng	148412	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

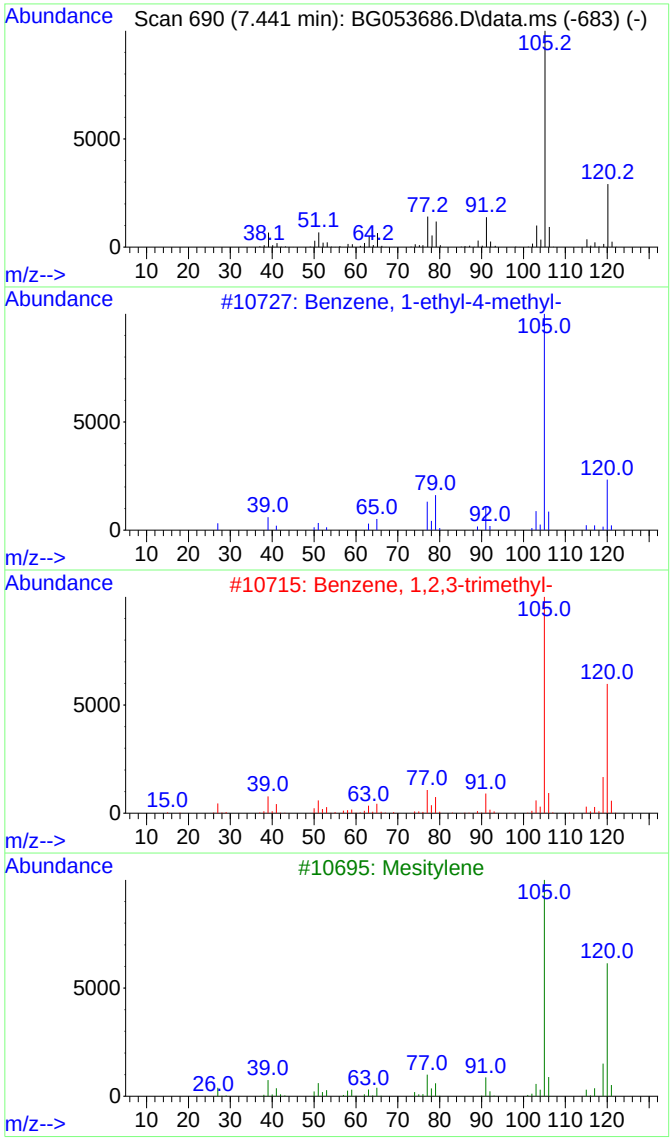
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

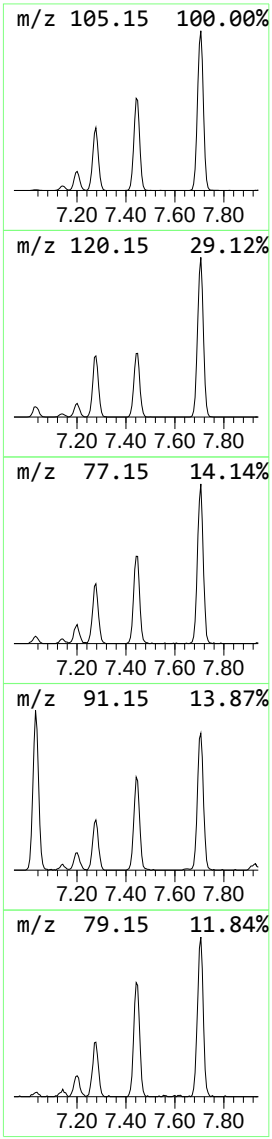
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.441	88.97 ng	825349	1,4-Dichlorobenzene-d4	8.058

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

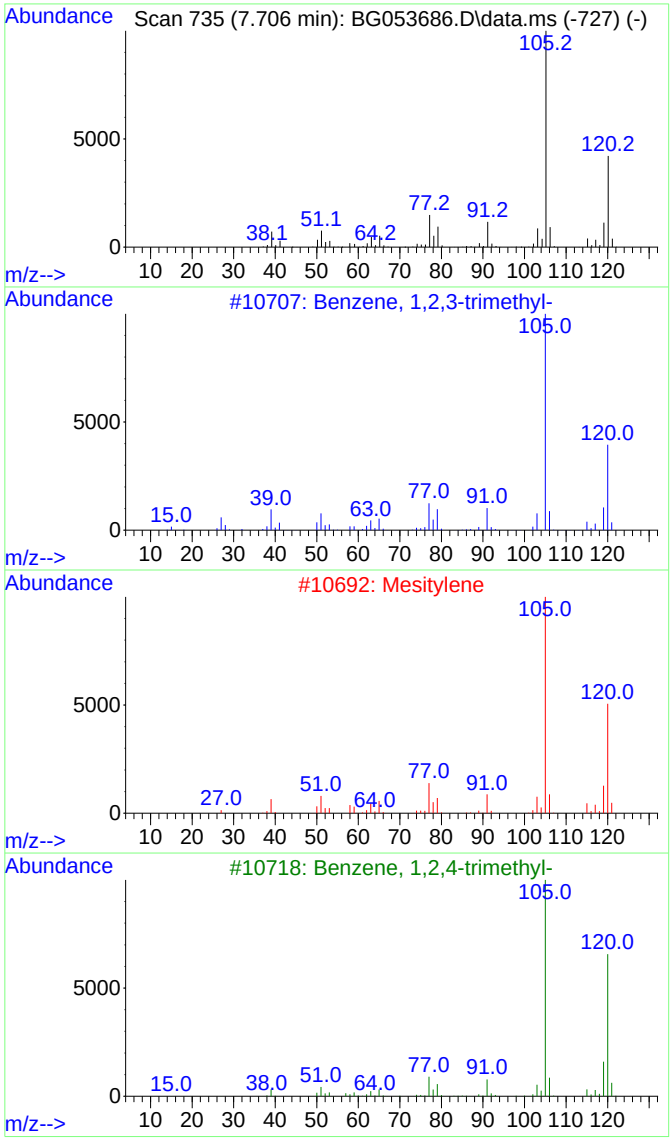
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

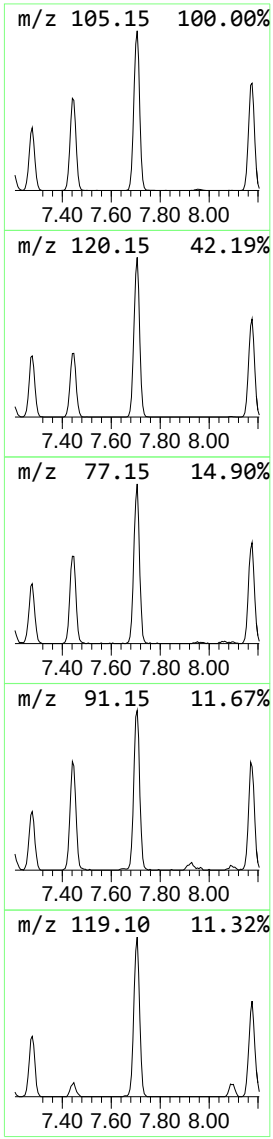
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.706	163.04 ng	1512520	1,4-Dichlorobenzene-d4	8.058

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	97
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_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

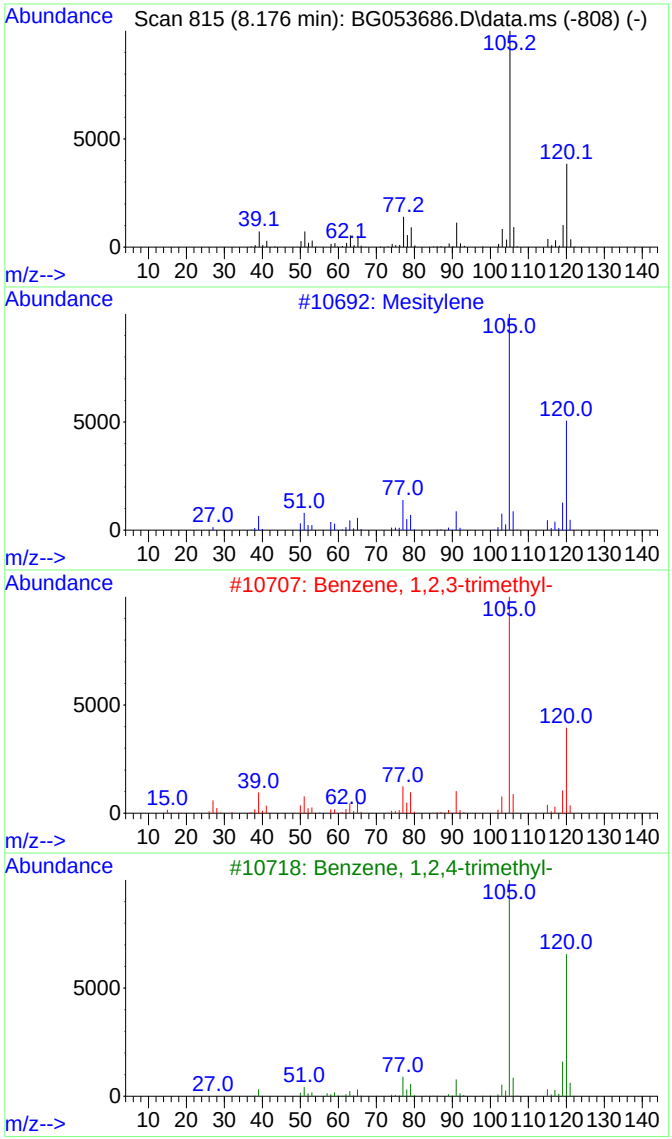
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

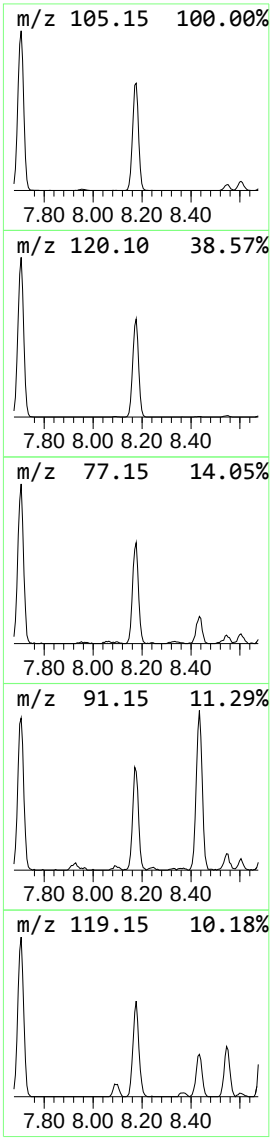
****

Peak Number 8 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.176	109.76 ng	1018250	1,4-Dichlorobenzene-d4	8.058

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

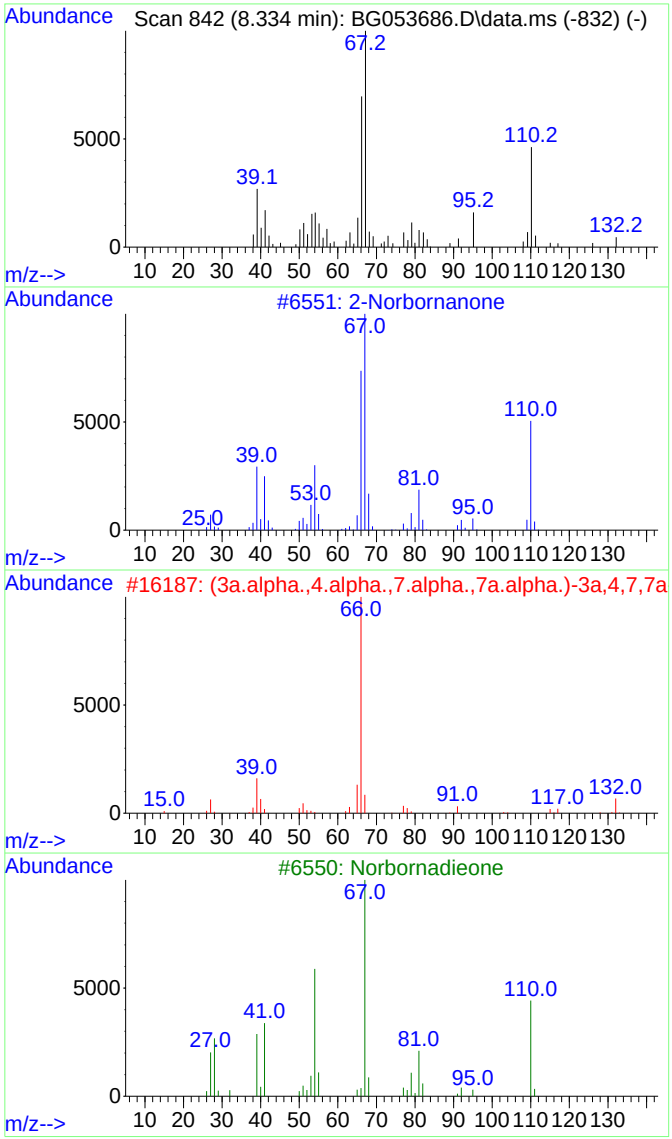
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

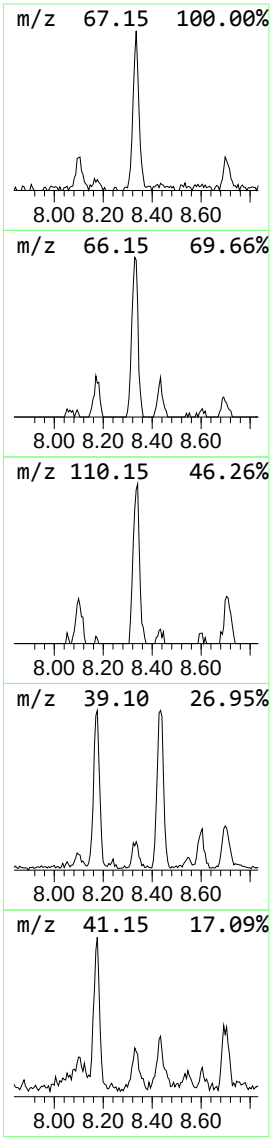
****

Peak Number 9 2-Norbornanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	11.23 ng	104184	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Norbornanone	110	C7H10O	000497-38-1	91
2	(3a.alpha.,4.alpha.,7.alpha.,7a....	132	C10H12	001755-01-7	46
3	Norbornadieone	110	C7H10O	010218-02-7	30
4	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	25
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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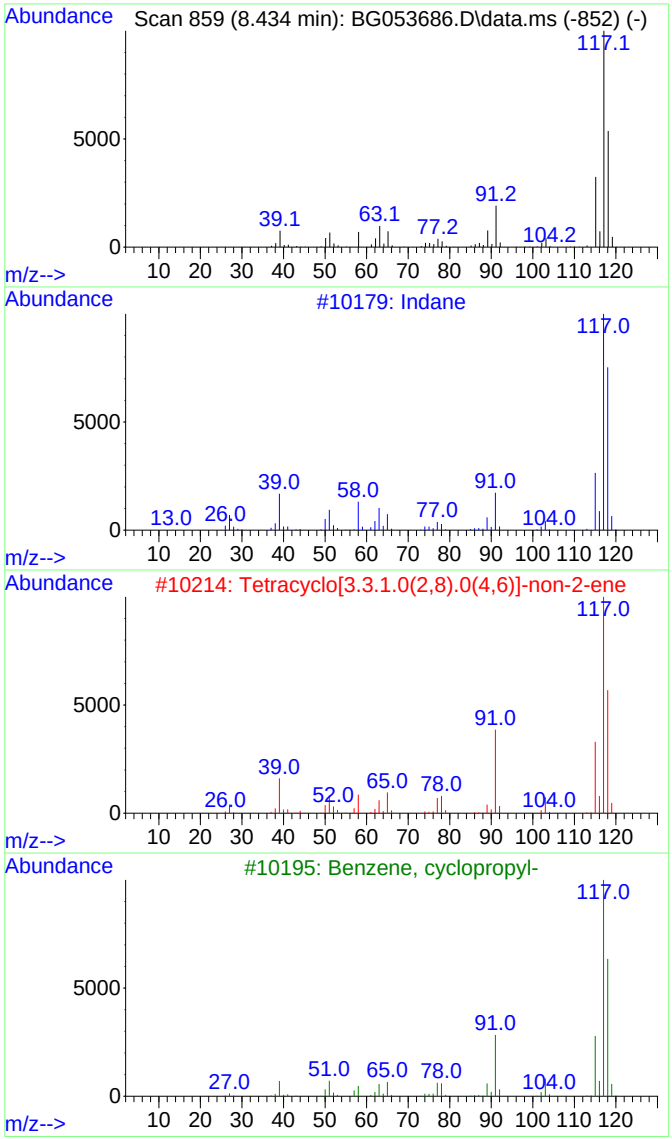
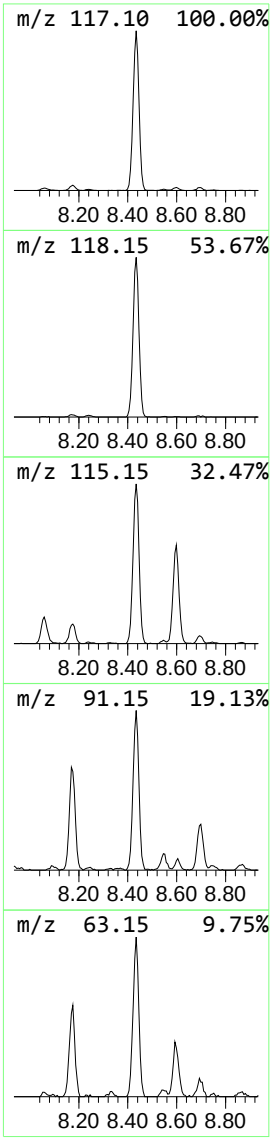
Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	118.86 ng	1102690	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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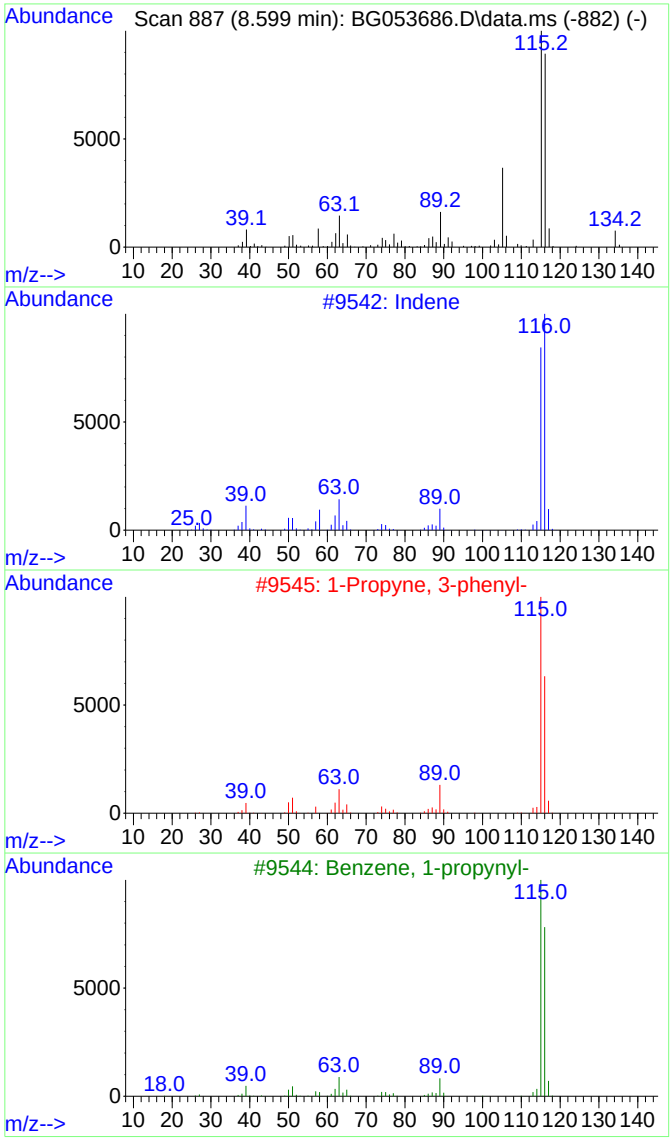
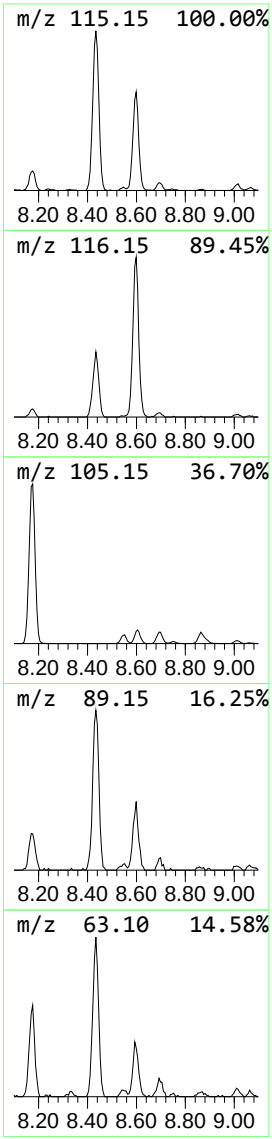
Peak Number 11 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.599	31.36 ng	290969	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	83





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Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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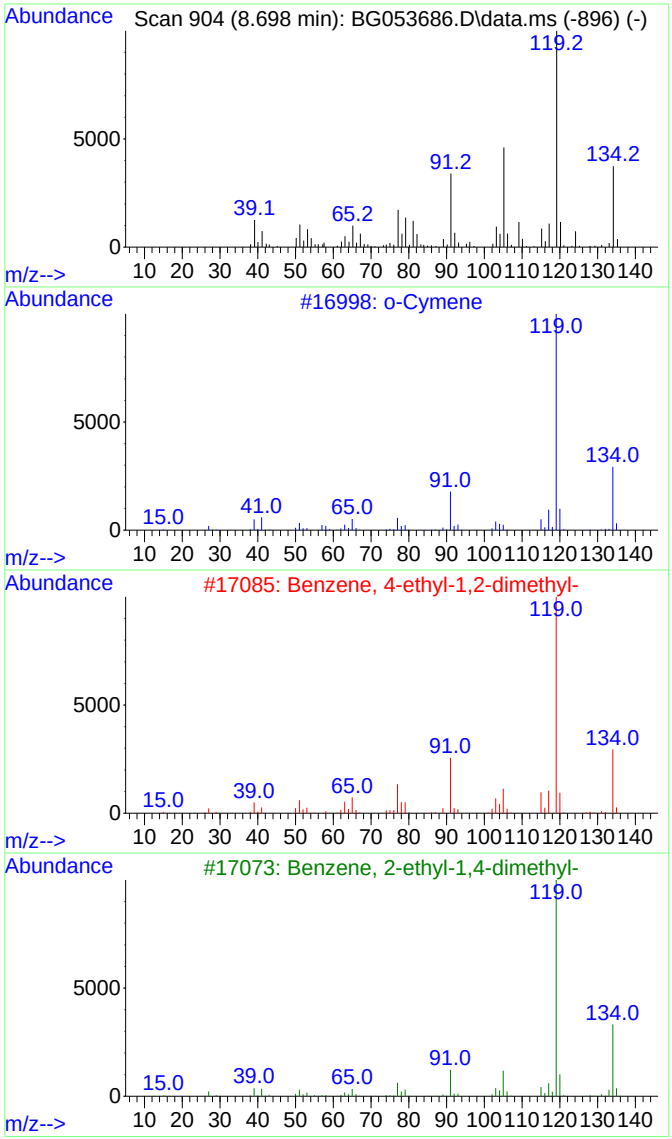
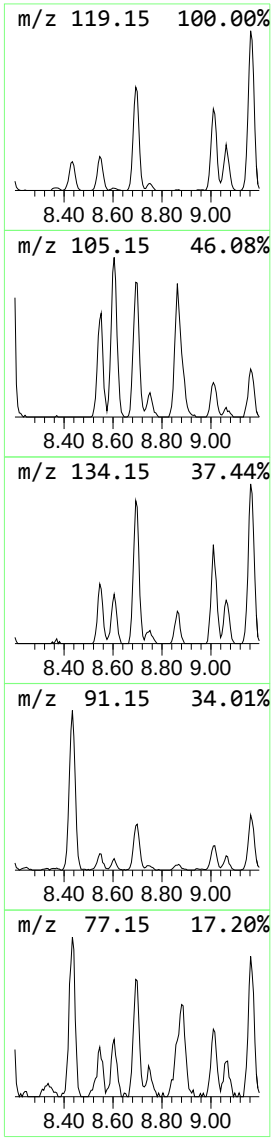
Peak Number 12 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	31.78 ng	294861	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

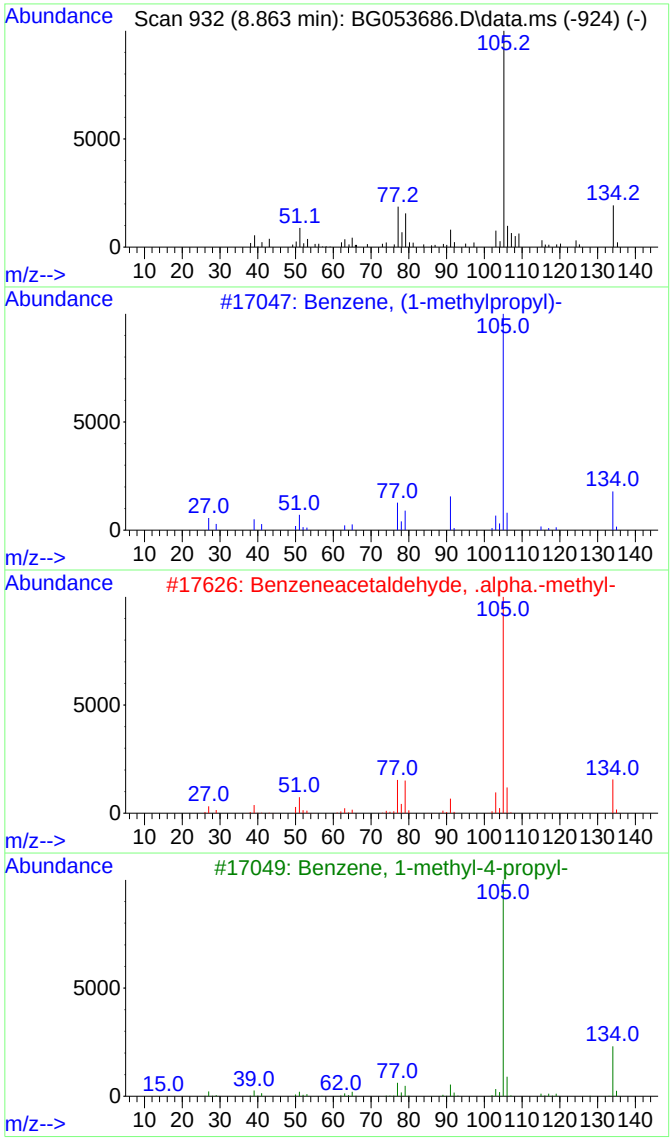
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

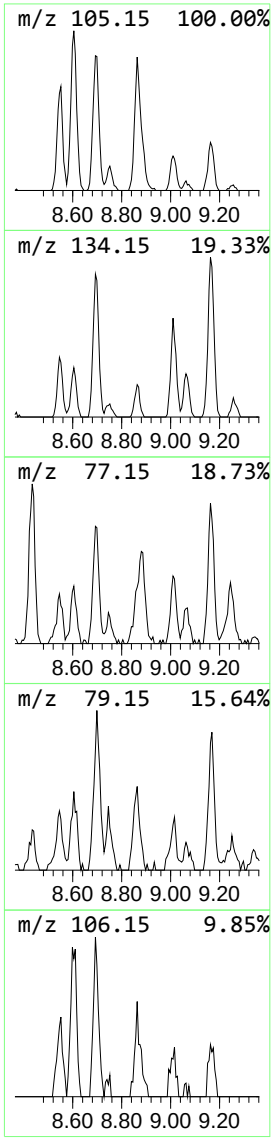
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	11.86 ng	109994	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
4	2-Tolyloxirane	134	C9H10O	002783-26-8	74
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72





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Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

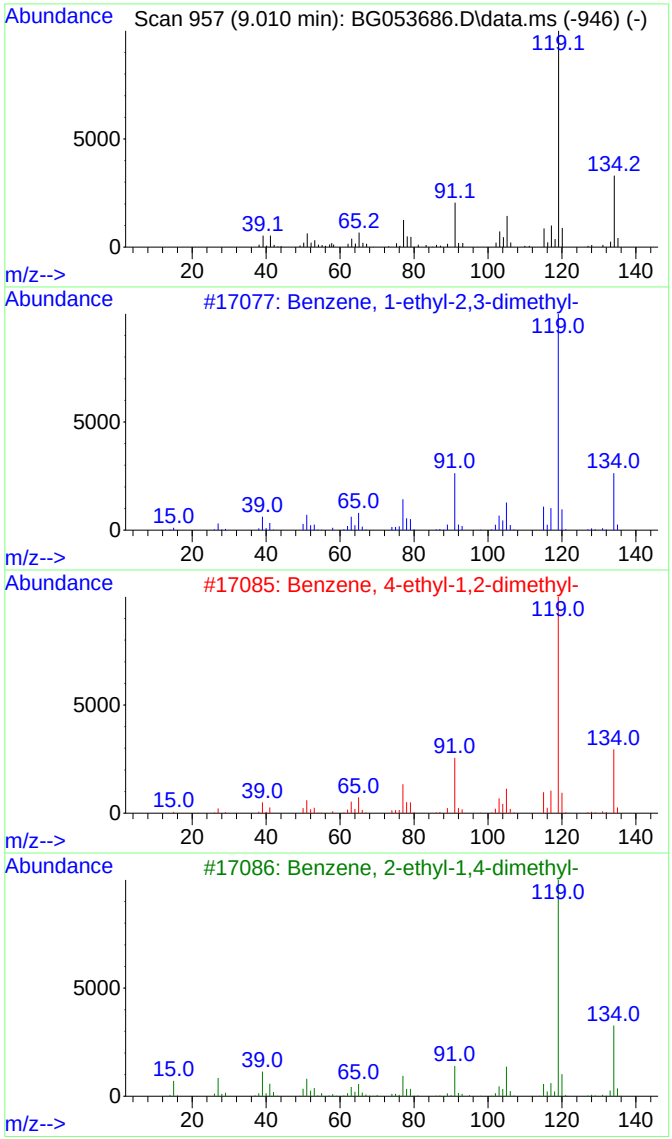
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

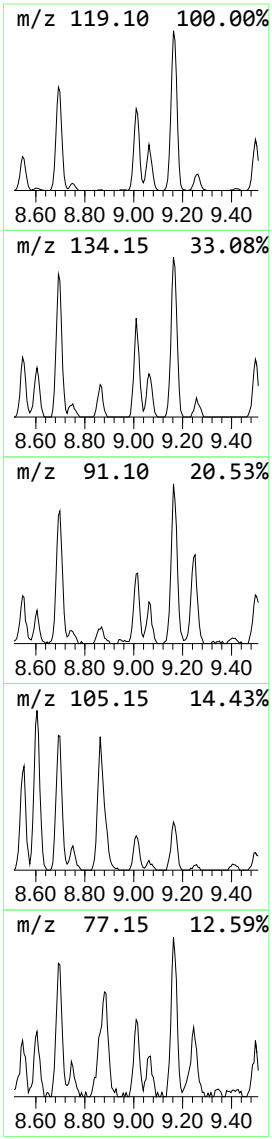
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	15.91 ng	147643	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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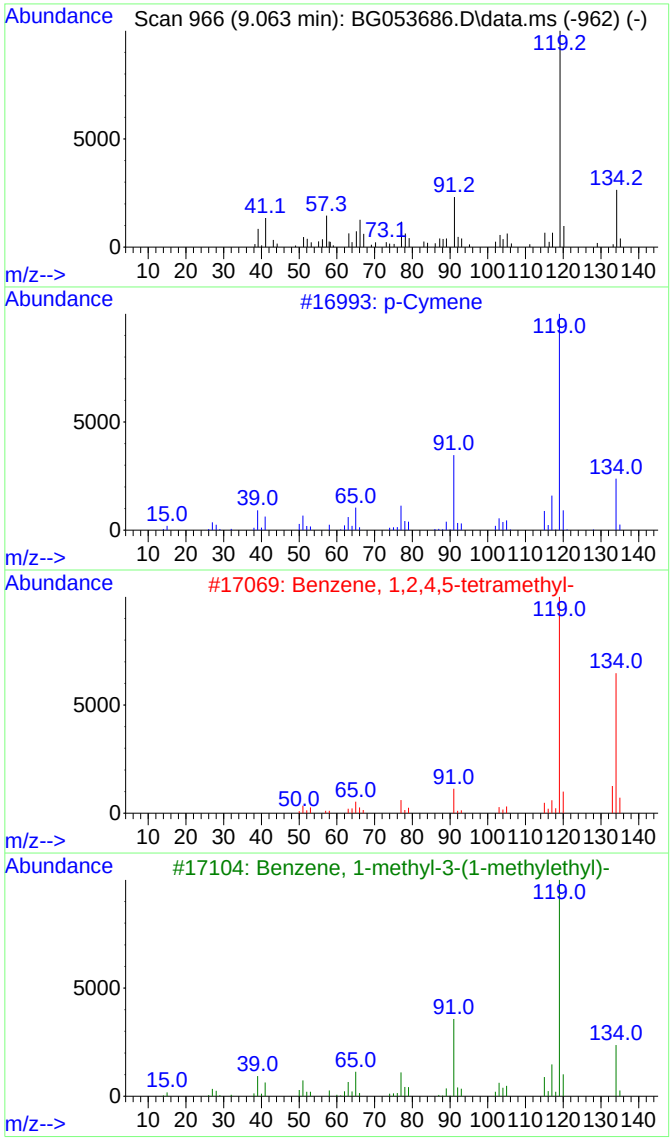
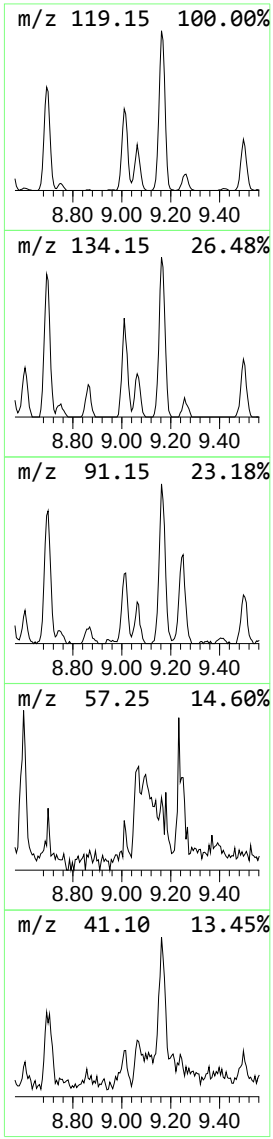
Peak Number 15 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	12.00 ng	111285	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	o-Cymene	134	C10H14	000527-84-4	90





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Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

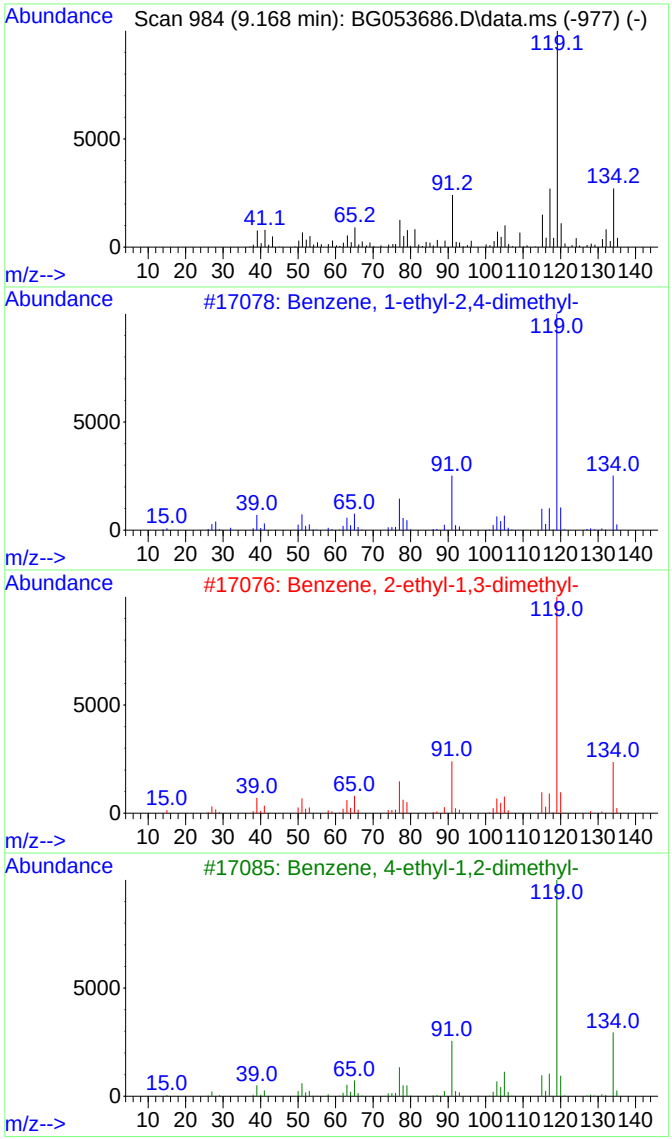
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

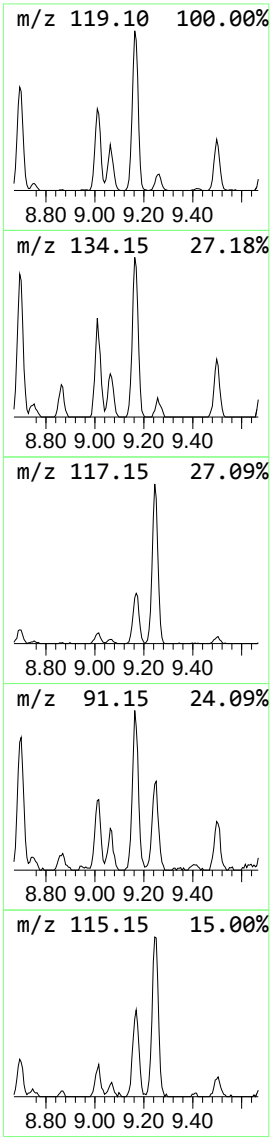
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.168	44.33 ng	411216	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	o-Cymene	134	C10H14	000527-84-4	81
5	p-Cymene	134	C10H14	000099-87-6	81





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Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

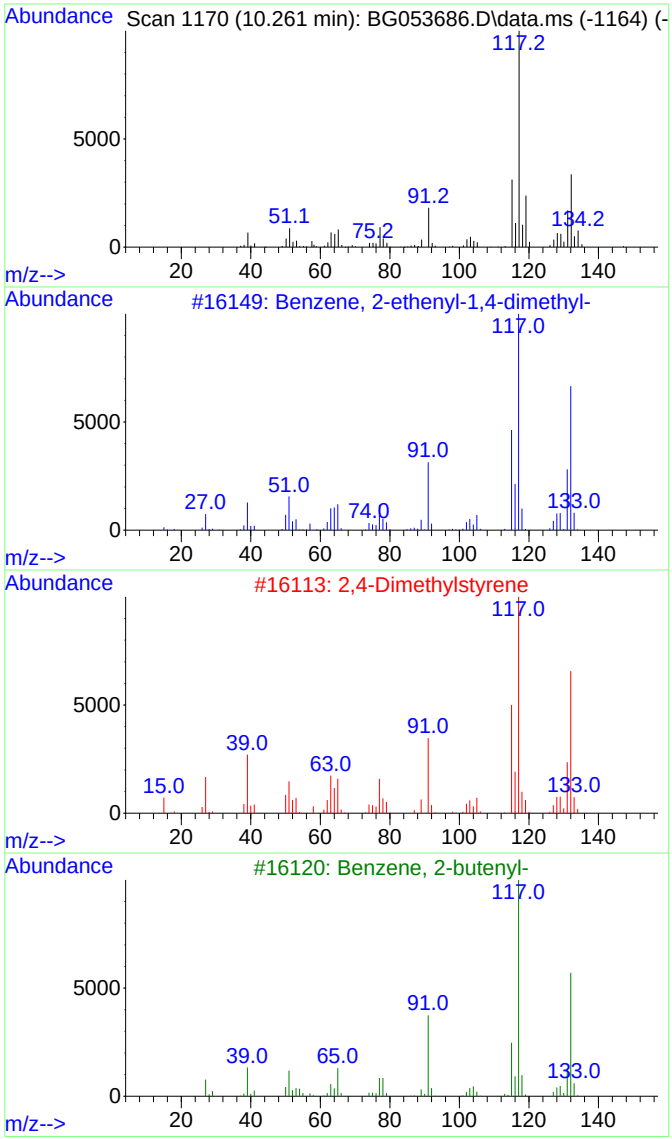
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

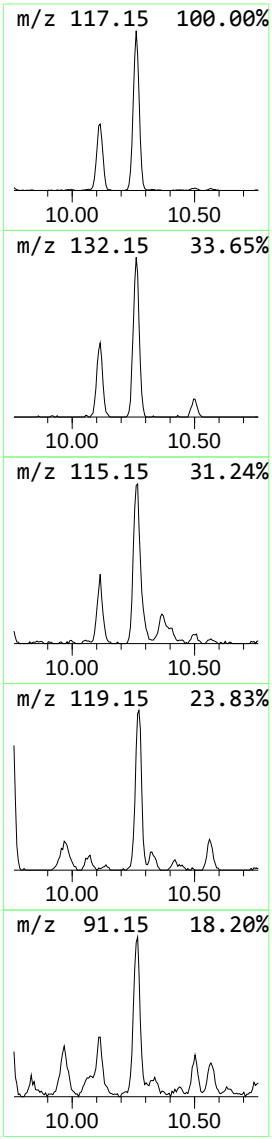
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.261	35.97 ng	521348	Naphthalene-d8	10.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





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Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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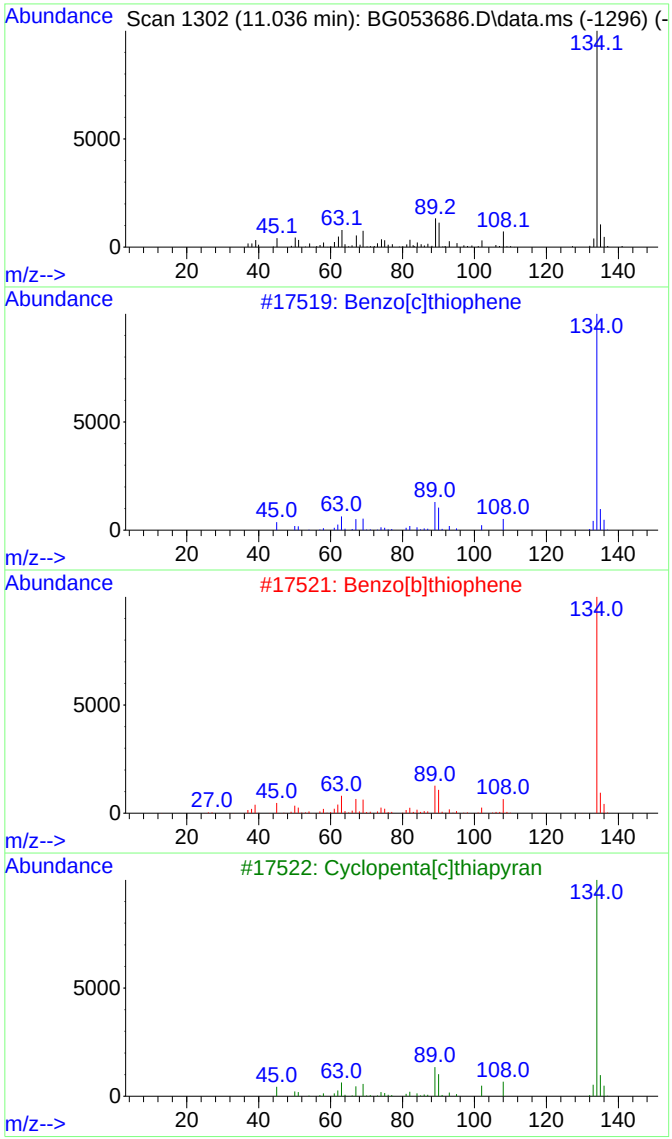
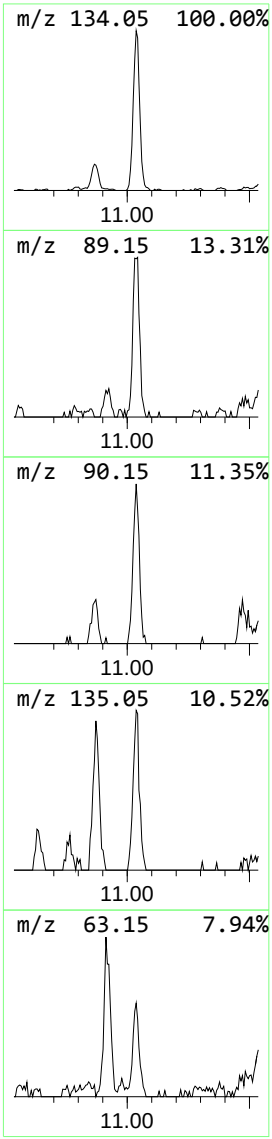
Peak Number 18 Benzo[c]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	12.54 ng	181771	Naphthalene-d8	10.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	50
5	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	42





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Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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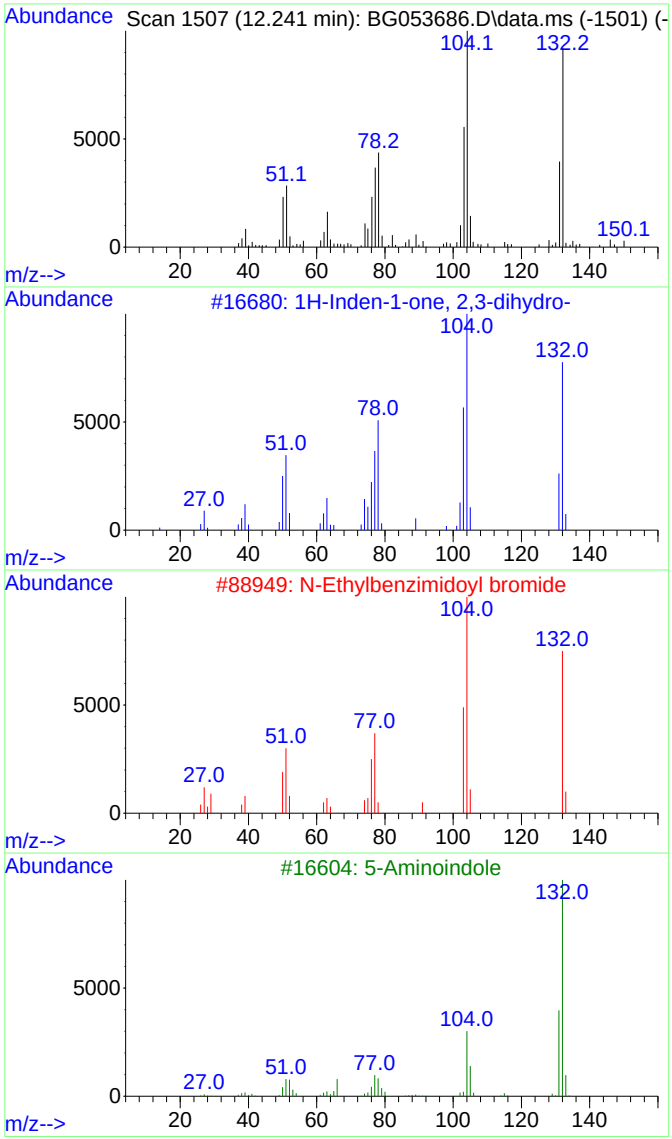
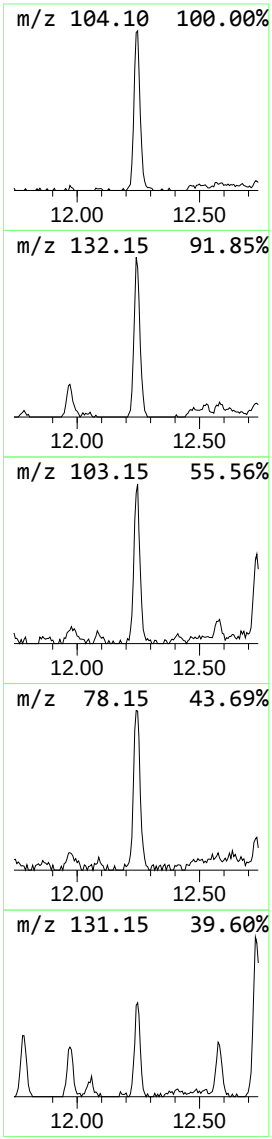
Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.241	13.32 ng	193137	Naphthalene-d8	10.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64
3	5-Aminoindole	132	C8H8N2	005192-03-0	53
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	53
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50





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Acq On : 24 May 2022 17:26
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Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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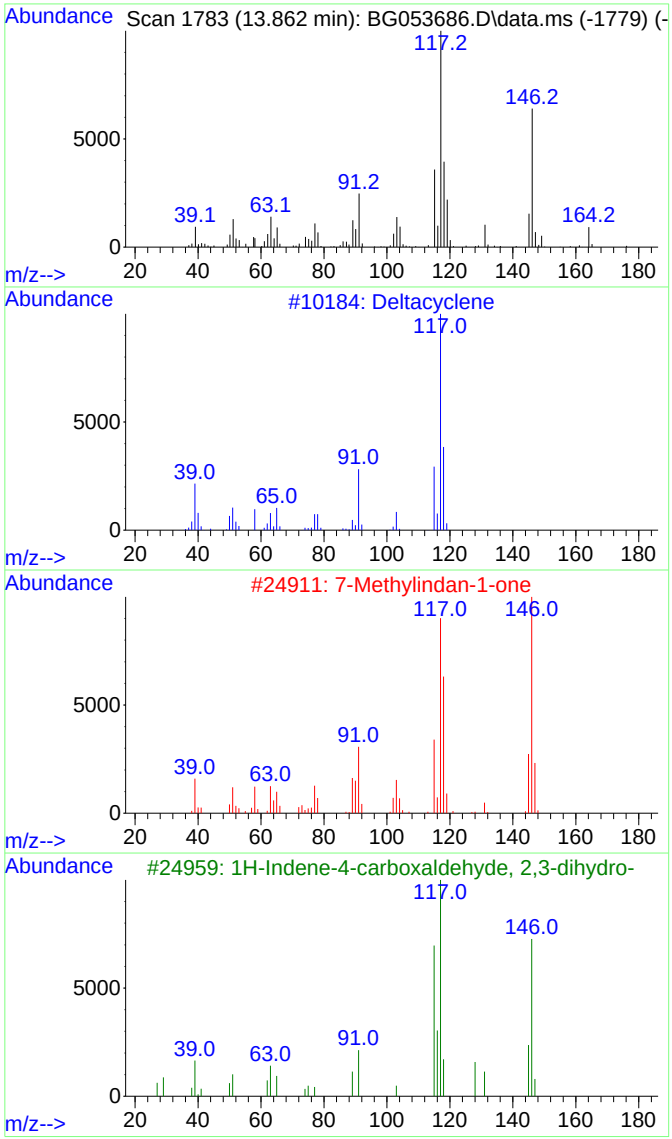
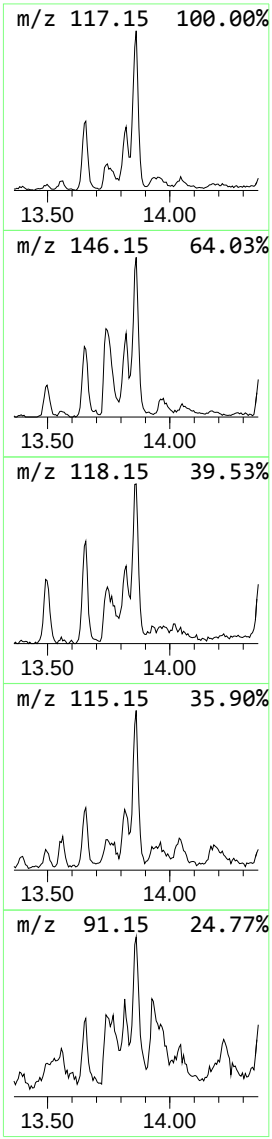
Peak Number 20 Deltacyclene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.862	13.31 ng	350305	Acenaphthene-d10	14.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	50
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	49
3	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	46
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	45
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	45





Tentatively Identified Compound (LSC) summary

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Data File : BG053686.D
Acq On : 24 May 2022 17:26
Operator : CG/JU
Sample : N3002-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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
Benzene, propyl-	7.030	16.0	ng	148412	1	8.058	185544	20.0
Benzene, 1-ethy...	7.441	89.0	ng	825349	1	8.058	185544	20.0
Benzene, 1,2,3-...	7.706	163.0	ng	1512520	1	8.058	185544	20.0
Mesitylene	8.176	109.8	ng	1018250	1	8.058	185544	20.0
2-Norbornanone	8.334	11.2	ng	104184	1	8.058	185544	20.0
Indane	8.434	118.9	ng	1102690	1	8.058	185544	20.0
Indene	8.599	31.4	ng	290969	1	8.058	185544	20.0
o-Cymene	8.698	31.8	ng	294861	1	8.058	185544	20.0
Benzene, (1-met...	8.863	11.9	ng	109994	1	8.058	185544	20.0
Benzene, 1-ethy...	9.010	15.9	ng	147643	1	8.058	185544	20.0
p-Cymene	9.063	12.0	ng	111285	1	8.058	185544	20.0
Benzene, 1-ethy...	9.168	44.3	ng	411216	1	8.058	185544	20.0
Benzene, 2-ethe...	10.261	36.0	ng	521348	2	10.866	289901	20.0
Benzo[c]thiophene	11.037	12.5	ng	181771	2	10.866	289901	20.0
1H-Inden-1-one,...	12.241	13.3	ng	193137	2	10.866	289901	20.0
Deltacyclene	13.862	13.3	ng	350305	3	14.685	526475	20.0