LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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: BG053688.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.530	189	194	202	rVB2	12501	30613	1.25%	0.236%
2	5.628	374	381	396	rBV	256408	440459	17.96%	3.390%
3	6.539	531	536	547	rVB3	16720	38948	1.59%	0.300%
4	7.032	614	620	625	rBV	15527	24633	1.00%	0.190%
5	7.232	645	654	664	rBV	178268	335655	13.69%	2.583%
6	7.443	685	690	698	rBV3	16316	27327	1.11%	0.210%
7	8.060	787	795	801	rBV	98967	181003	7.38%	1.393%
8	8.436	853	859	864	rBV3	15471	36255	1.48%	0.279%
9	8.548	871	878	884	rBV	83371	137917	5.62%	1.061%
10	8.701	897	904	909	rBV3	49695	89061	3.63%	0.685%
11	8.753	909	913	921	rVB3	28920	52532	2.14%	0.404%
12	9.071	960	967	975	rBV7	25974	81243	3.31%	0.625%
13	9.165	978	983	986	rVV8	15977	33823	1.38%	0.260%
14	9.223	986	993	1006	rVB2	442299	1020526	41.61%	7.854%
15	9.406	1018	1024	1033	rVB9	13823	42492	1.73%	0.327%
16	9.517	1035	1043	1049	rBV4	15109	30346	1.24%	0.234%
17	9.687	1067	1072	1078	rVB	50110	86681	3.53%	0.667%
18	9.864	1094	1102	1108	rBV2	18335	35301	1.44%	0.272%
19	9.946	1108	1116	1121	rVV2	15438	25816	1.05%	0.199%
20	10.052	1130	1134	1145	rBV7	16227	49997	2.04%	0.385%
21	10.140	1145	1149	1158	rVB5	27646	53742	2.19%	0.414%
22	10.639	1228	1234	1239	rVV	22613	38256	1.56%	0.294%
23	10.733	1239	1250	1258	rVB	14104	50983	2.08%	0.392%
24	10.868	1265	1273	1278	rBV	142231	281531	11.48%	2.167%
25	10.915	1278	1281	1288	rVB3	67685	126027	5.14%	0.970%
26	11.450	1365	1372	1375	rBV7	17199	29748	1.21%	0.229%
27	11.814	1428	1434	1438	rBV2	17051	34147	1.39%	0.263%
28	11.967	1450	1460	1469	rBV5	26223	79226	3.23%	0.610%
29	12.190	1492	1498	1502	rBV	25772	46864	1.91%	0.361%
30	12.237	1502	1506	1515	rVB4	24809	60198	2.45%	0.463%
31	12.407	1528	1535	1541	rBV3	44665	108506	4.42%	0.835%
32	12.490	1543	1549	1554	rVV6	33104	75453	3.08%	0.581%
33	12.542	1554	1558	1567	rVB5	29469	59898	2.44%	0.461%
34	12.725	1583	1589	1594	rBV8	22258	55657	2.27%	0.428%
35	12.777	1594	1598	1601	rVB	18254	26897	1.10%	0.207%
36	12.883	1608	1616	1631	rVB	90591	195368	7.97%	1.504%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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	13.012	1632	1638	1640	rBV5	19580	39450	1.61%	0.304%
38	13.306	1679	1688	1695	rBV	1093739	1753409	71.49%	13.495%
39	13.500	1714	1721	1725	rBV8	17772	37013	1.51%	0.285%
40	13.653	1740	1747	1756	rBV	74587	125931	5.13%	0.969%
41	13.723	1756	1759	1772	rBV3	57309	148496	6.05%	1.143%
42	13.905	1786	1790	1797	rVB4	19779	42778	1.74%	0.329%
43	14.029	1806	1811	1813	rBV4	19969	32975	1.34%	0.254%
44	14.193	1829	1839	1841	rBV2	27310	65173	2.66%	0.502%
45	14.228	1841	1845	1850	rVV4	46062	85462	3.48%	0.658%
46	14.287	1851	1855	1860	rVB	20362	30136	1.23%	0.232%
47	14.416	1872	1877	1884	rVB9	19437	41399	1.69%	0.319%
48	14.687	1911	1923	1932	rBV2	280386	532755	21.72%	4.100%
49	14.822	1941	1946	1950	rBV6	16013	29043	1.18%	0.224%
50	14.880	1951	1956	1962	rVB7	15707	26794	1.09%	0.206%
51	15.004	1970	1977	1983	rBV7	21473	48274	1.97%	0.372%
52	15.386	2036	2042	2046	rBV6	26051	59652	2.43%	0.459%
53	15.503	2059	2062	2068	rVB6	21997	40445	1.65%	0.311%
54	15.568	2068	2073	2079	rVB2	29057	51480	2.10%	0.396%
55	15.697	2091	2095	2102	rBV10	14410	24960	1.02%	0.192%
56	15.861	2118	2123	2132	rVB5	43319	83735	3.41%	0.644%
57	15.938	2132	2136	2142	rBV4	30075	52029	2.12%	0.400%
58	16.085	2158	2161	2170	rVB4	16176	30896	1.26%	0.238%
59	16.179	2170	2177	2187	rVB	862633	1350134	55.05%	10.391%
60	17.430	2385	2390	2400	rVB	293976	468598	19.11%	3.607%
61	18.323	2537	2542	2547	rBV6	39946	76821	3.13%	0.591%
62	19.586	2753	2757	2767	rBV6	28988	54928	2.24%	0.423%
63	20.038	2828	2834	2843	rVB	1867335	2452696	100.00%	18.877%
64	21.331	3051	3054	3063	rVB7	23559	43076	1.76%	0.332%
65	21.712	3112	3119	3125	rBV	305566	518337	21.13%	3.989%
66	24.973	3665	3674	3685	rVB2	176840	522939	21.32%	4.025%

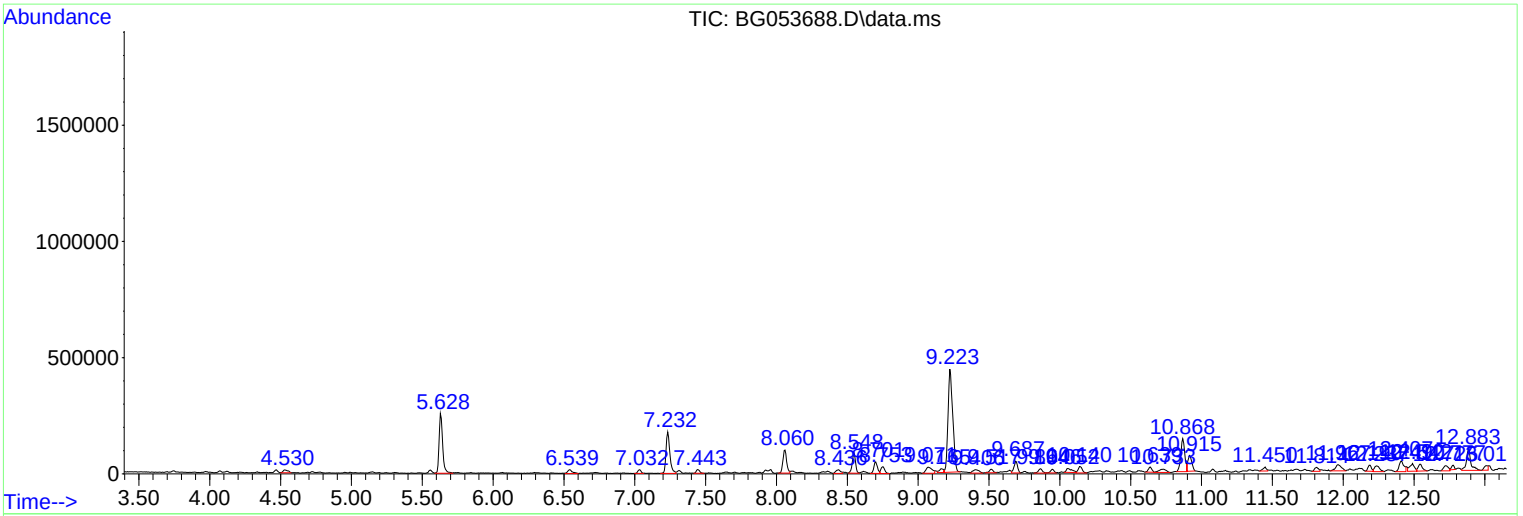
Sum of corrected areas: 12992943

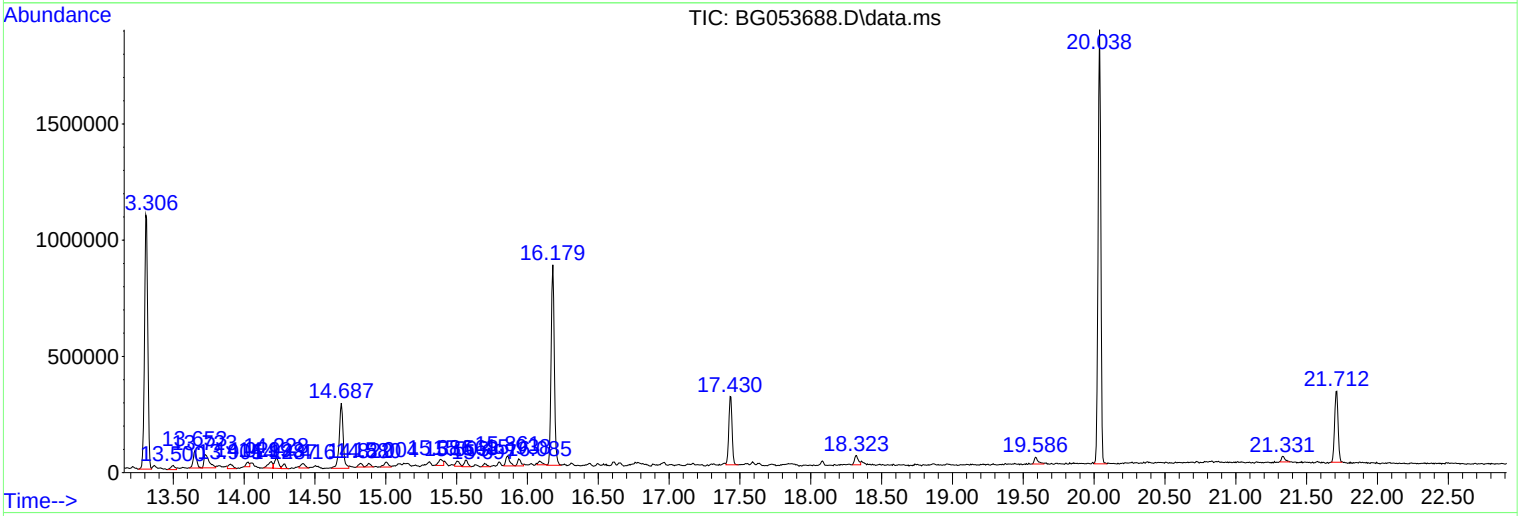
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

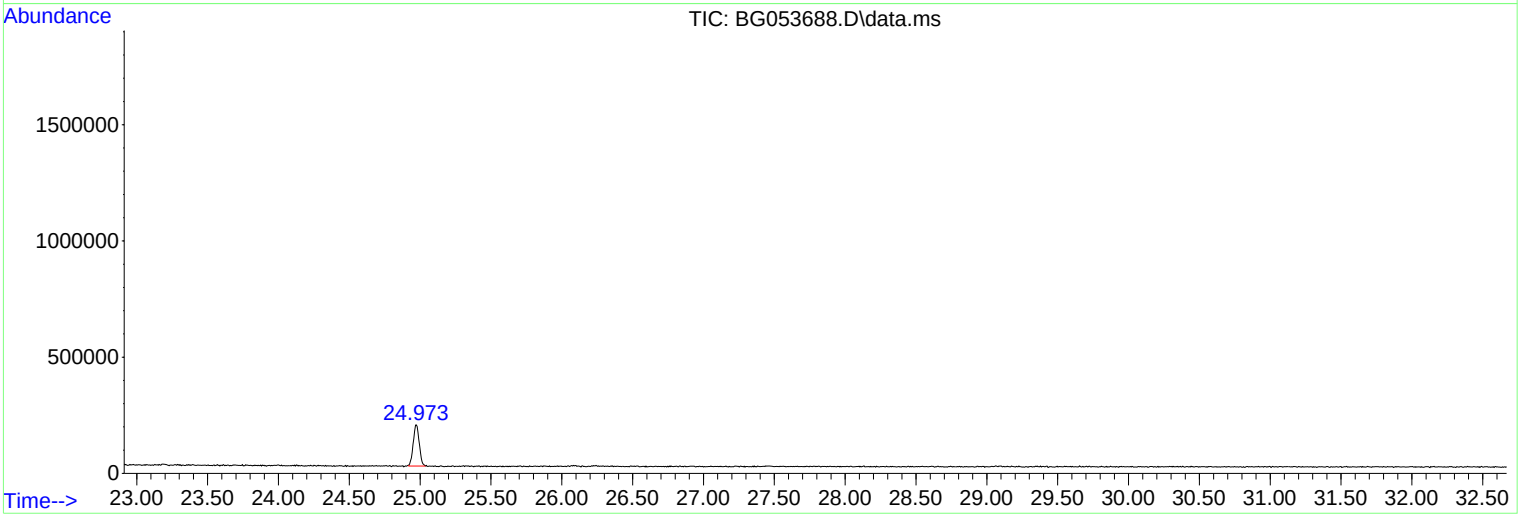
Instrument :
BNA_G
ClientSampleId :
MW-10

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 : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

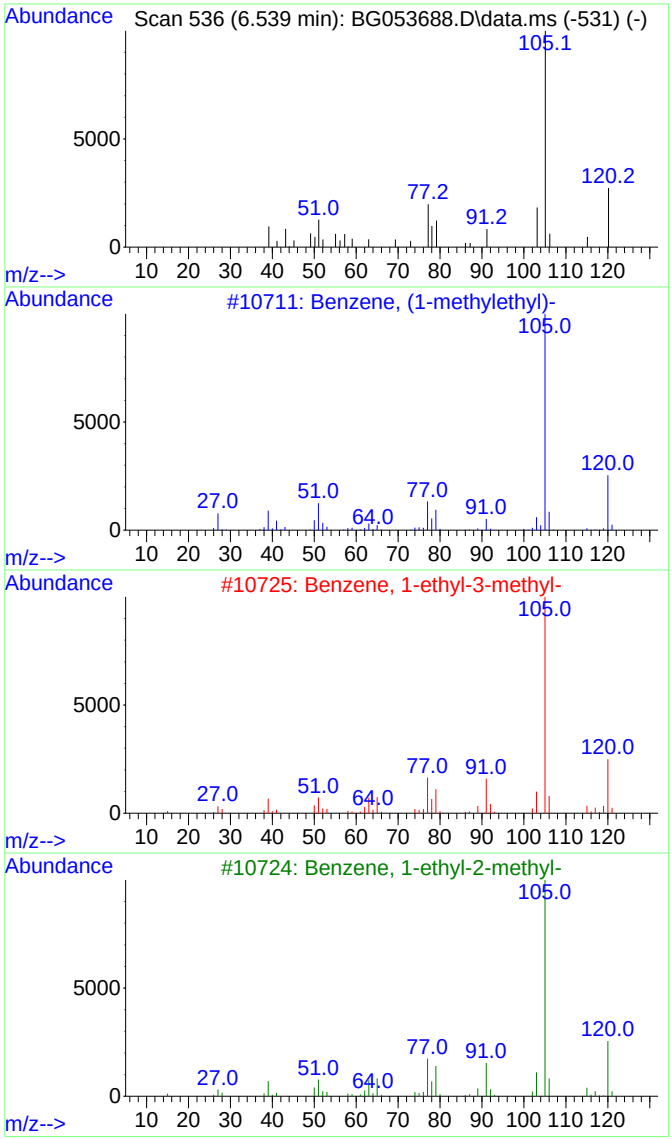
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

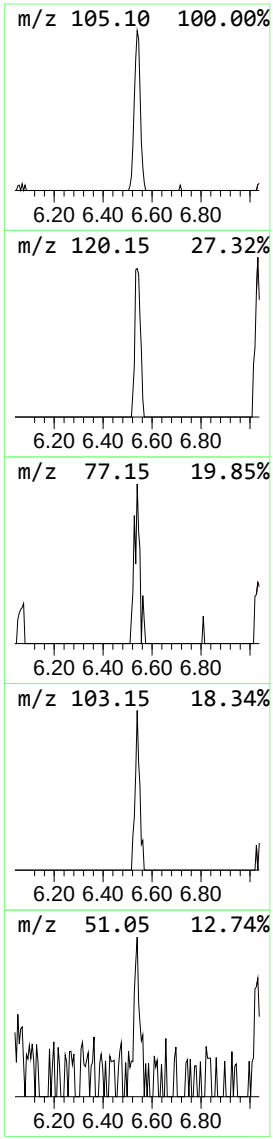
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.539	4.30 ng	38948	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	80
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	59
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	45
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	45
5	2,4-Nonadiyne	120	C9H12	063621-15-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

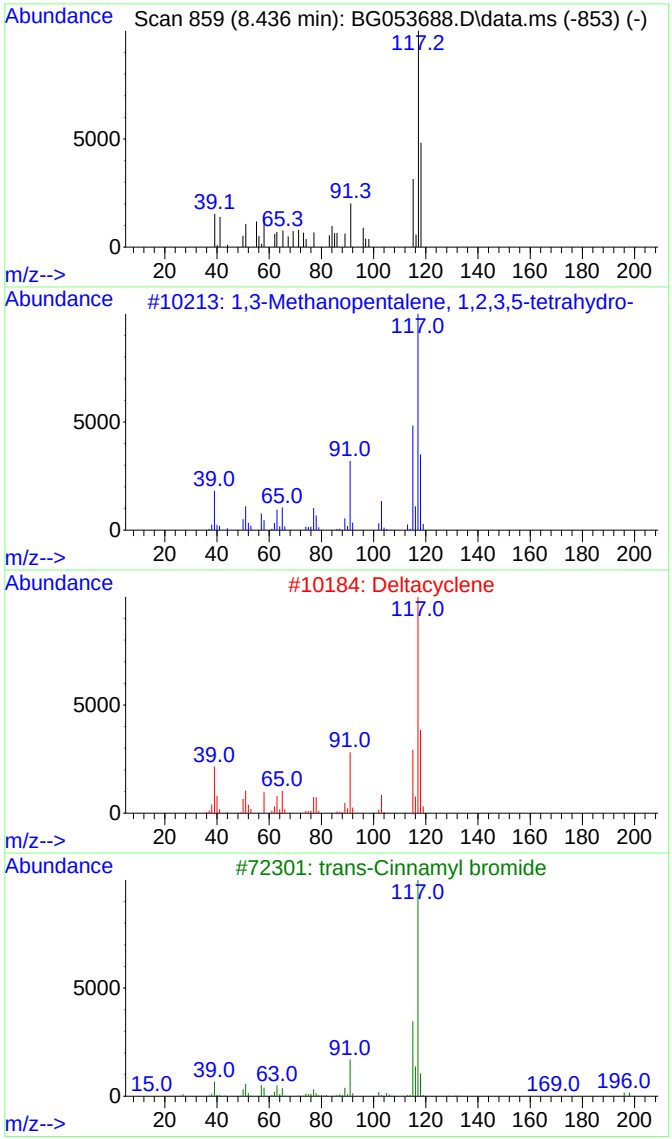
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

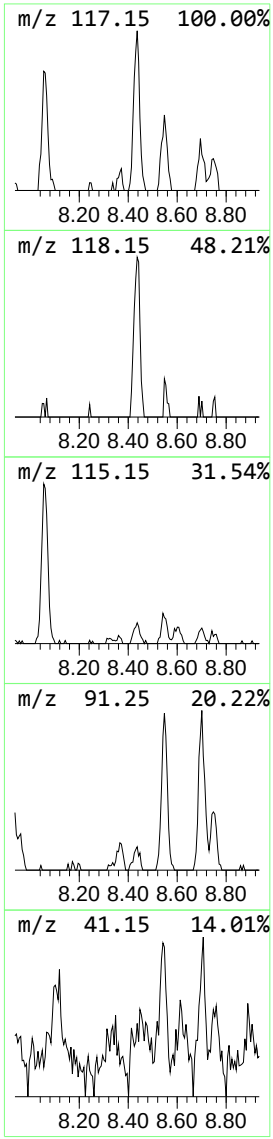
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Methanopentalene, 1,2,3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.436	4.01 ng	36255	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	50
2	Deltacyclene	118	C9H10	007785-10-6	47
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	47
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	47
5	Ethyl 3-hydroxyoctadecanoate	328	C20H40O3	065144-03-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

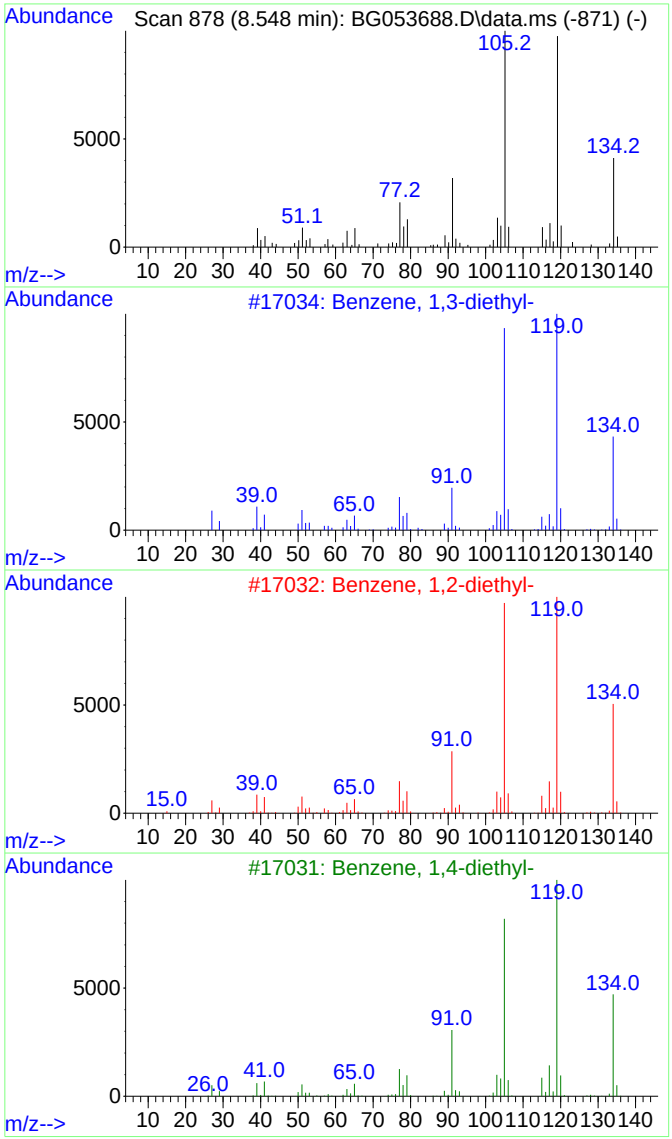
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

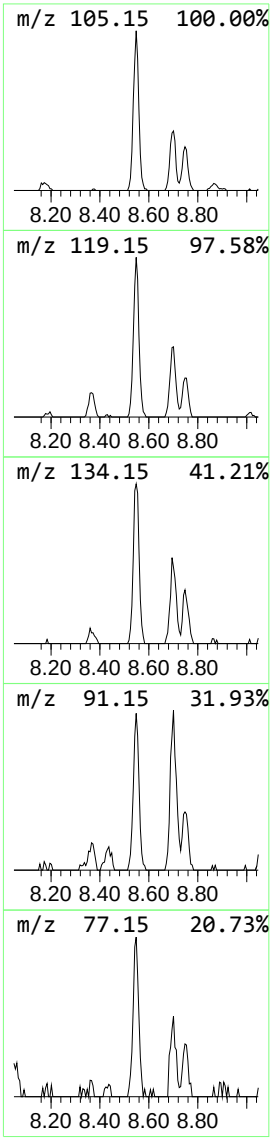
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.548	15.24 ng	137917	1,4-Dichlorobenzene-d4	8.060

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-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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

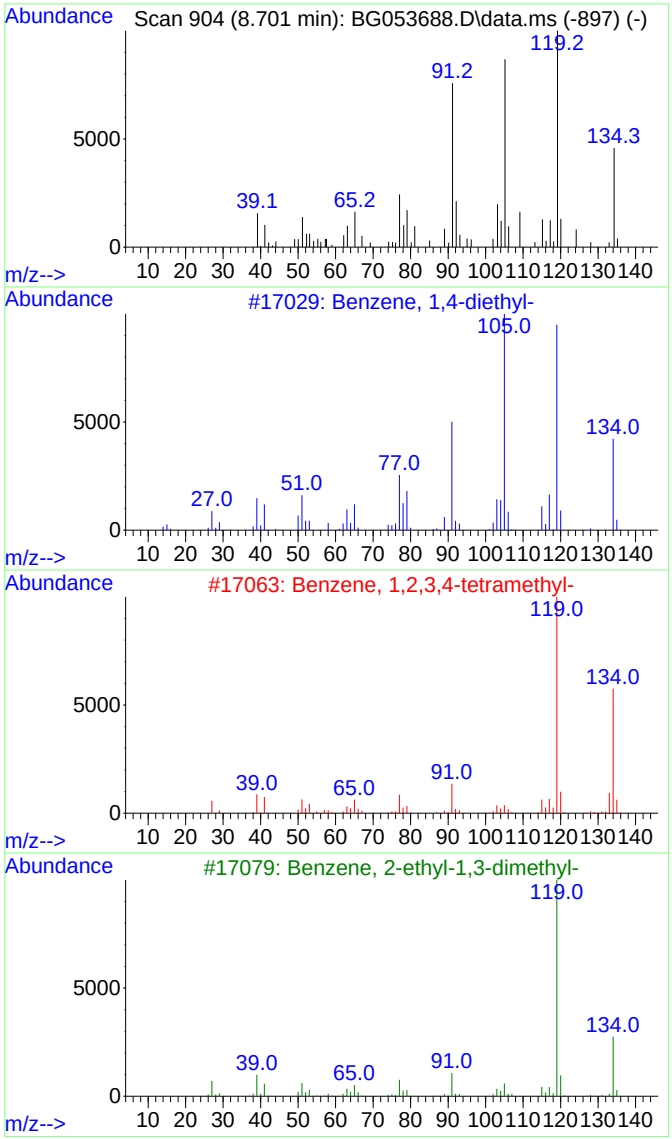
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

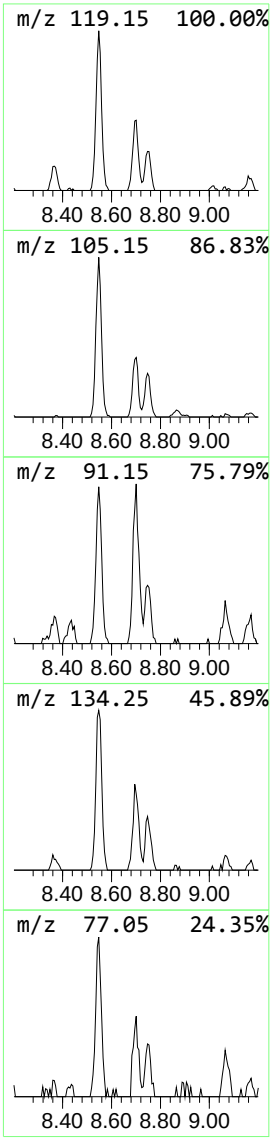
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.701	9.84 ng	89061	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

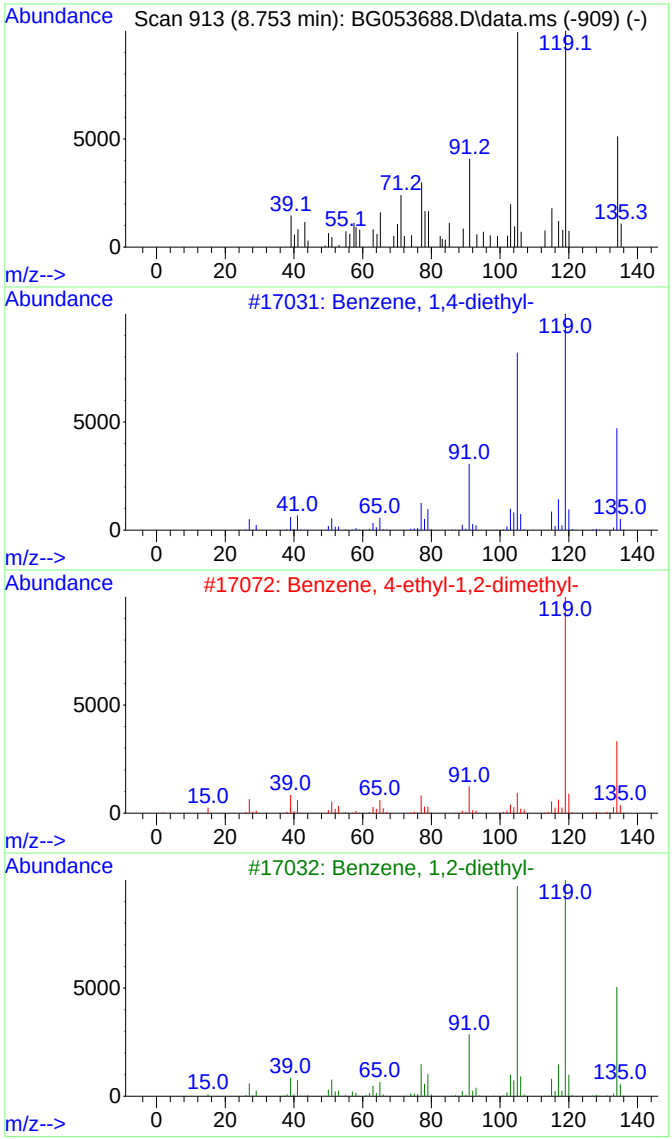
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

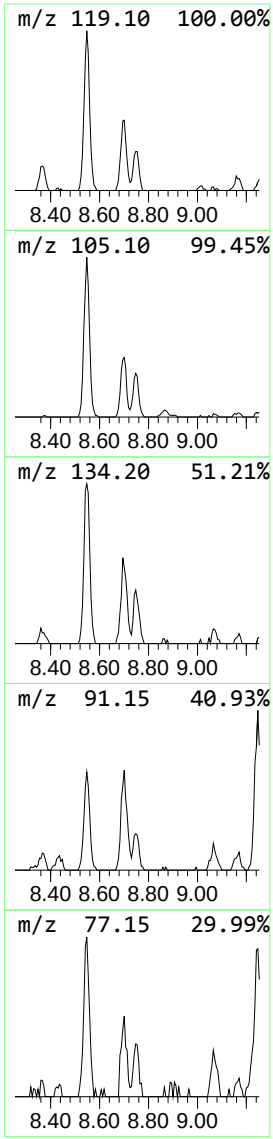
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.753	5.80 ng	52532	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	74
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	68
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	58
5	p-Cymene	134	C10H14	000099-87-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

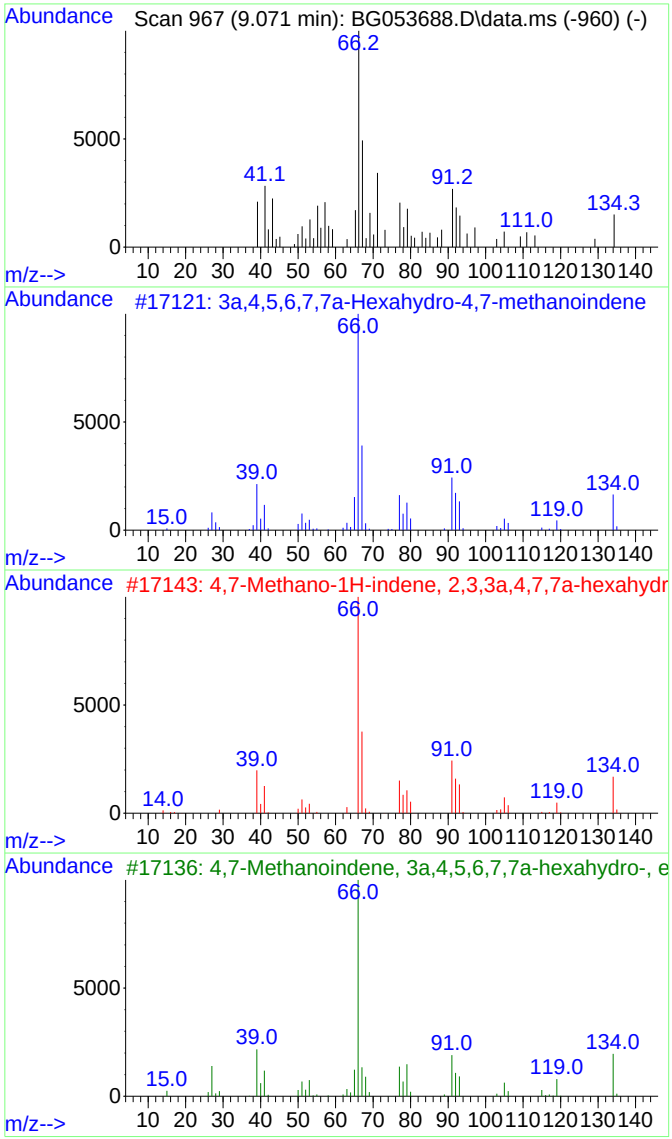
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

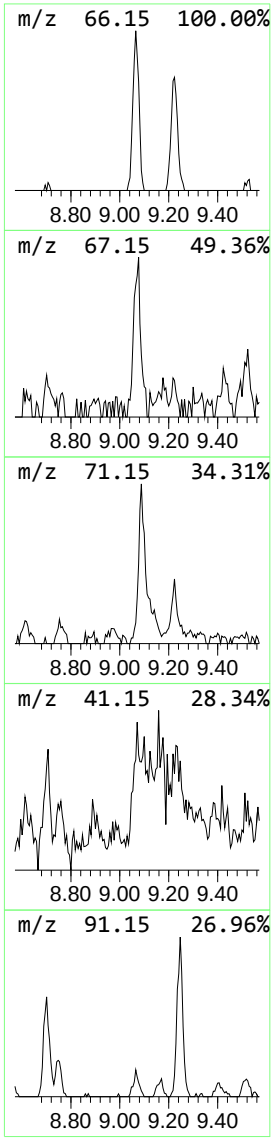
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.071	8.98 ng	81243	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	90
2	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	83
3	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	72
4	4-Pentenenitrile, 2-methylene-	93	C6H7N	028769-50-8	59
5	Spiro[bicyclo[2.2.1]hept-5-ene-2...	120	C9H12	006572-50-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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

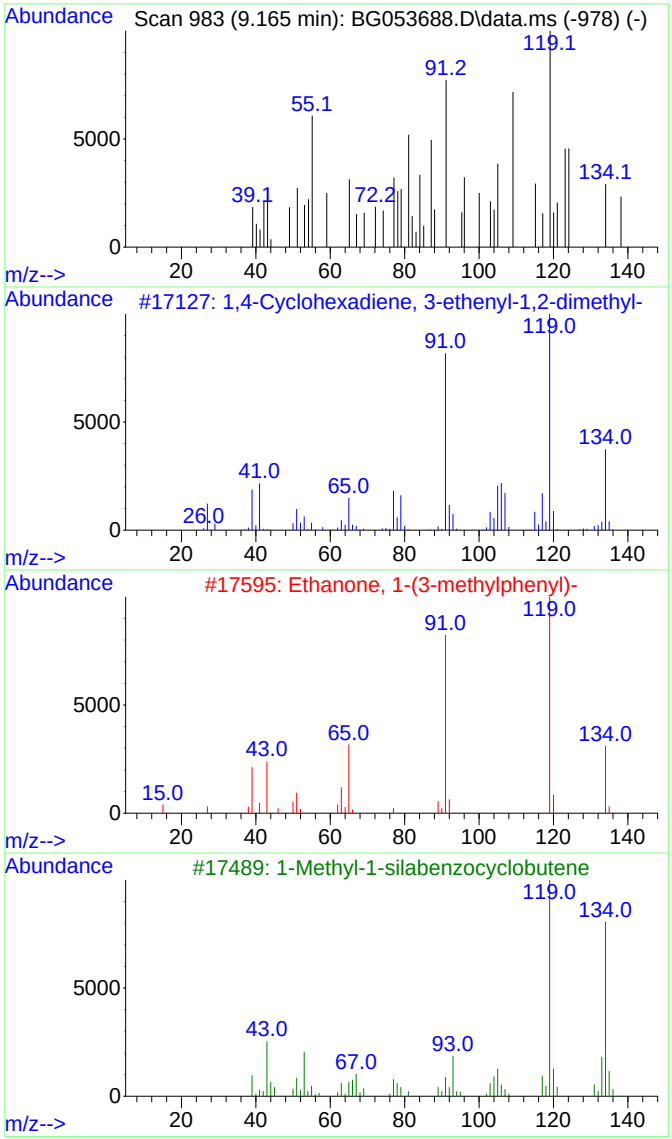
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

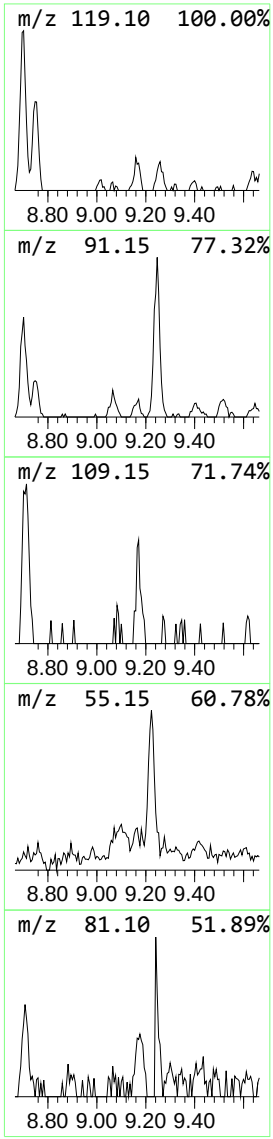
****

Peak Number 7 unknown9.165 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.165	3.74 ng	33823	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	18
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	18
3	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	14
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	14
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	14





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Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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

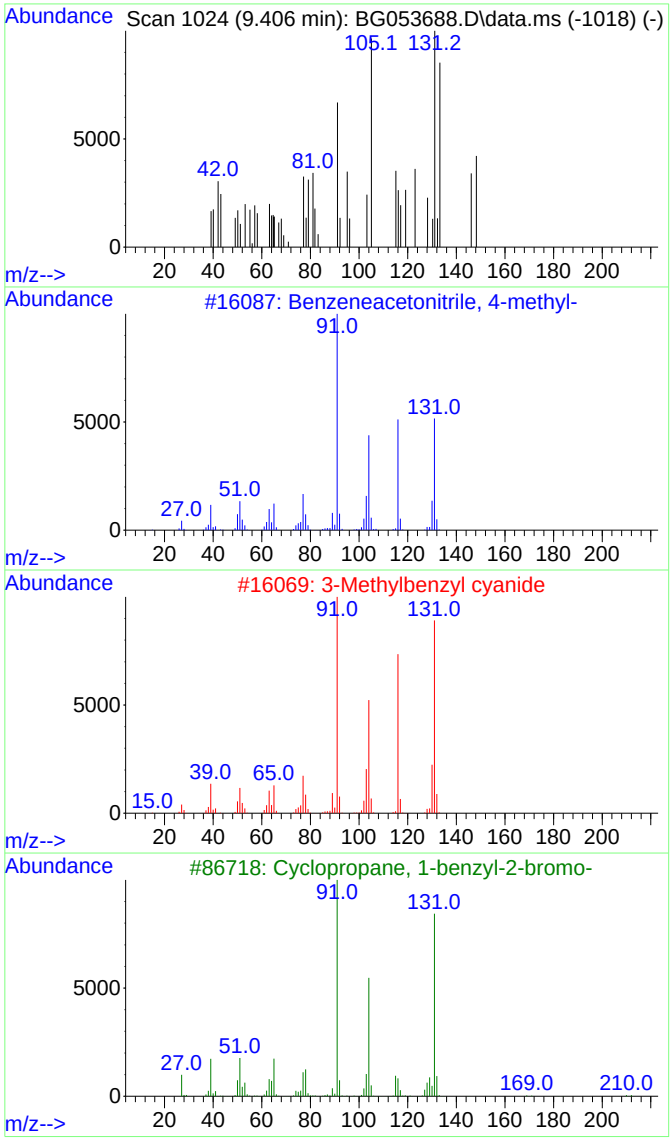
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

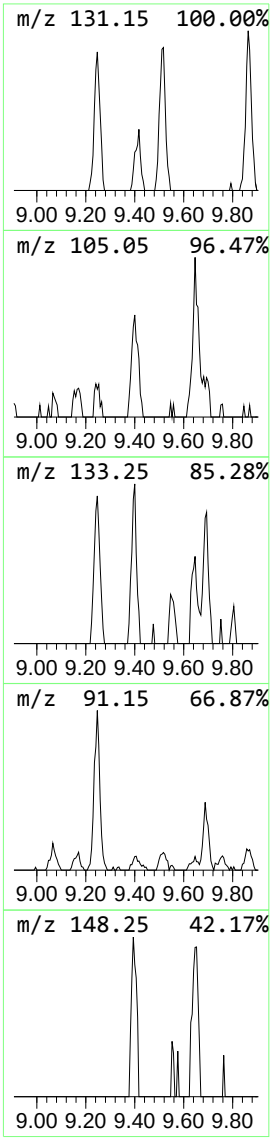
****

Peak Number 8 unknown9.406 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.406	4.70 ng	42492	1,4-Dichlorobenzene-d4	8.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 4-methyl-	131	C9H9N	002947-61-7	46
2	3-Methylbenzyl cyanide	131	C9H9N	002947-60-6	46
3	Cyclopropane, 1-benzyl-2-bromo-	210	C10H11Br	128970-90-1	38
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	35
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	35





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Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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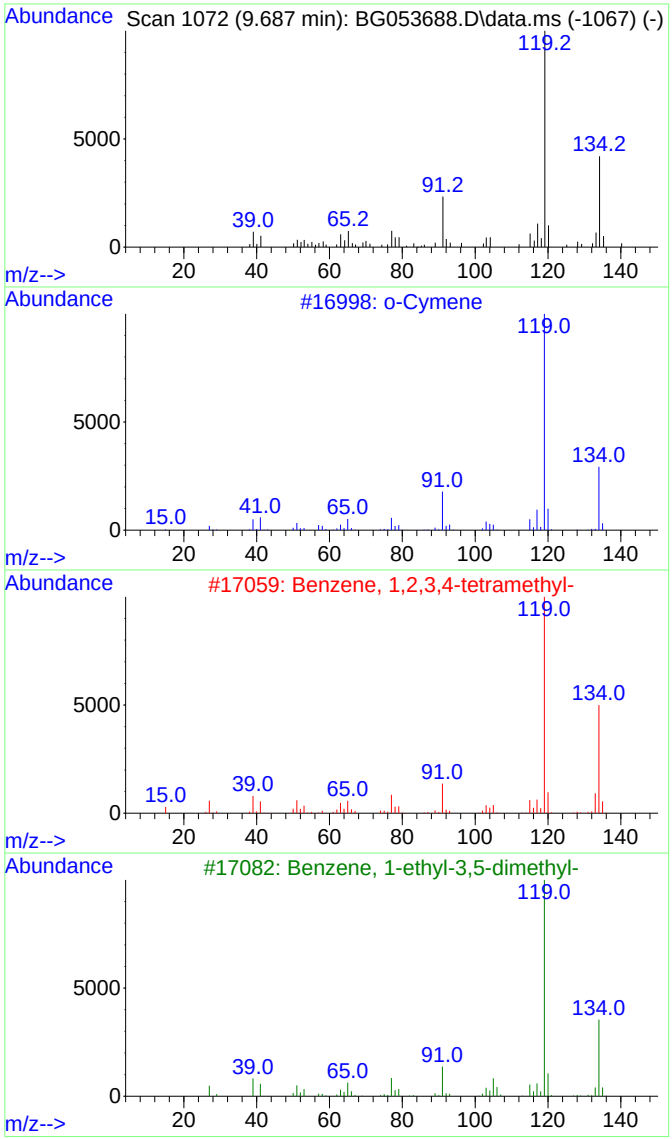
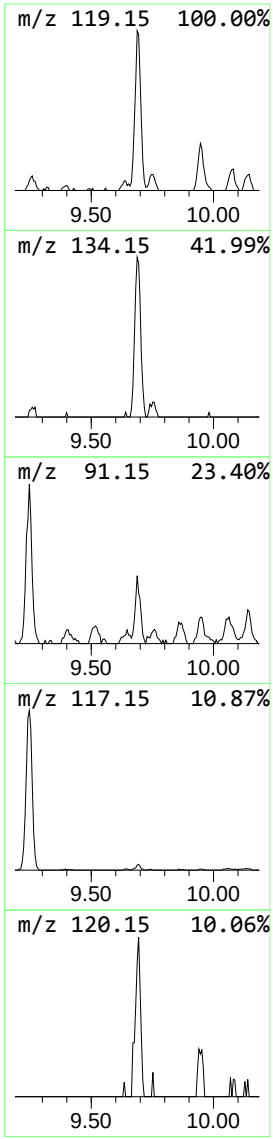
Peak Number 9 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.687	6.16 ng	86681	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

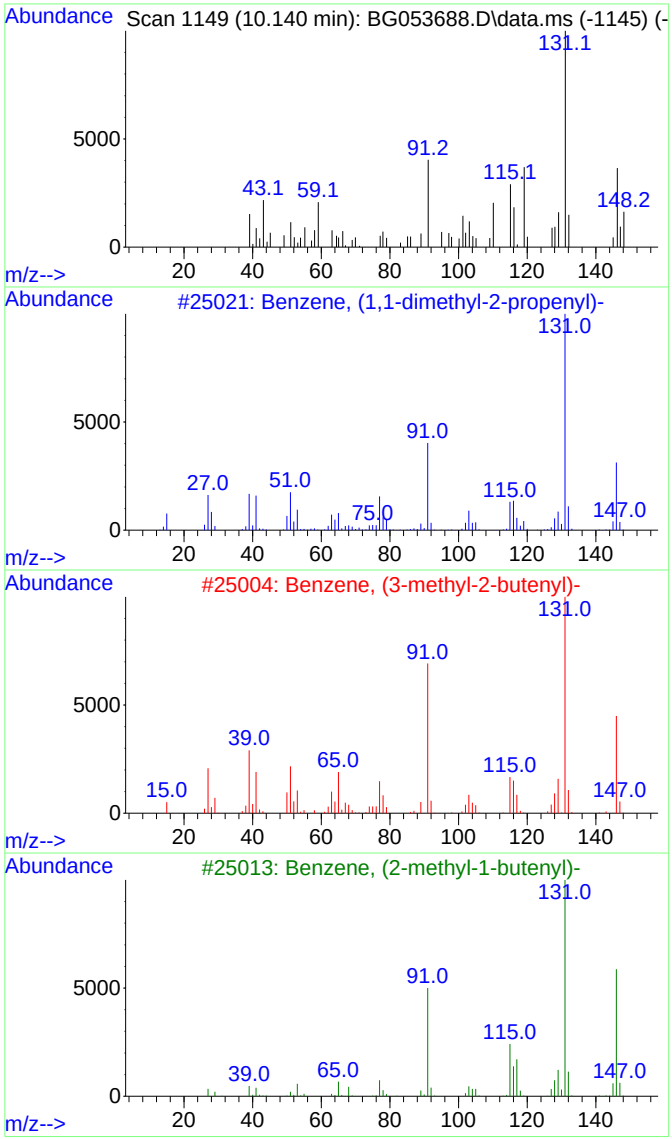
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

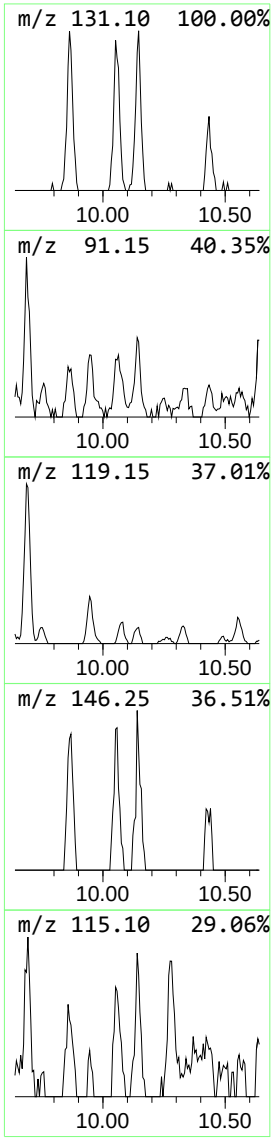
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (1,1-dimethyl-2-pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.140	3.82 ng	53742	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	64
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58





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Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

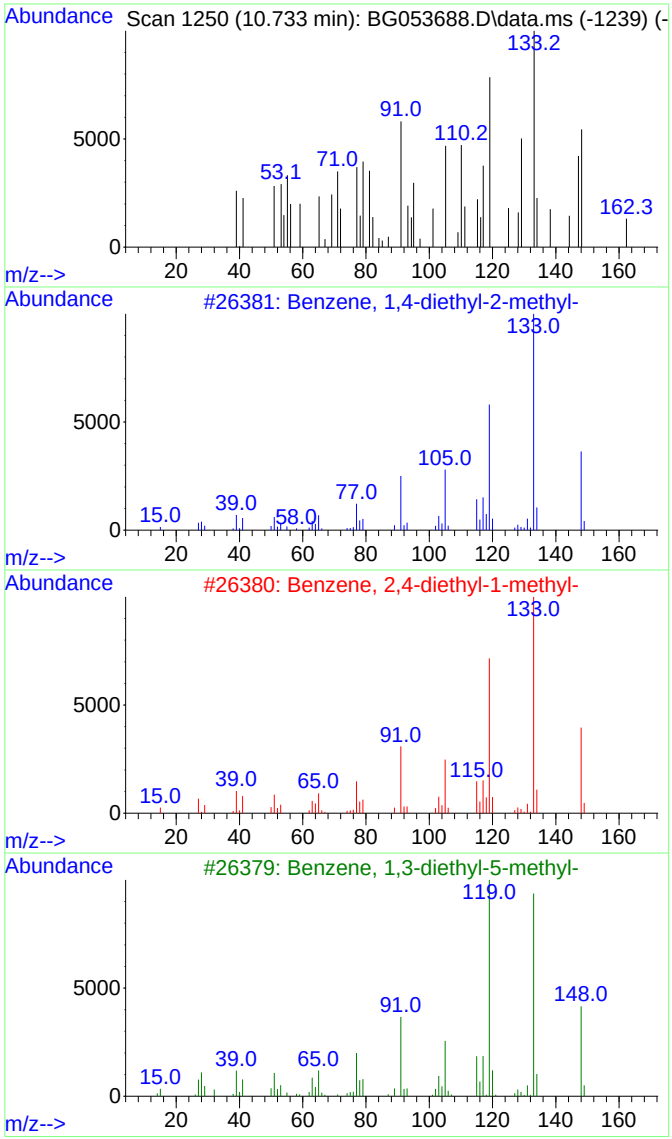
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

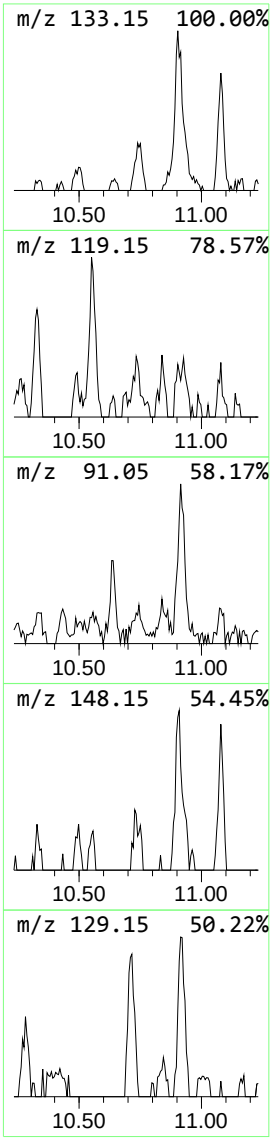
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	3.62 ng	50983	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	43
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	38
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	27
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	22





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Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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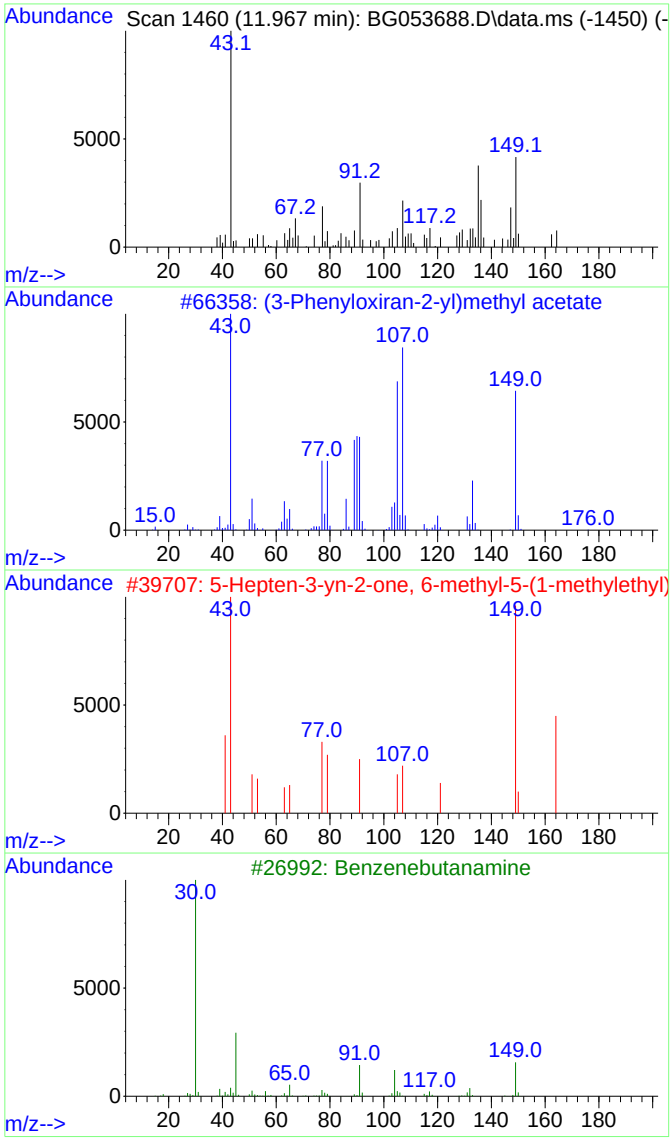
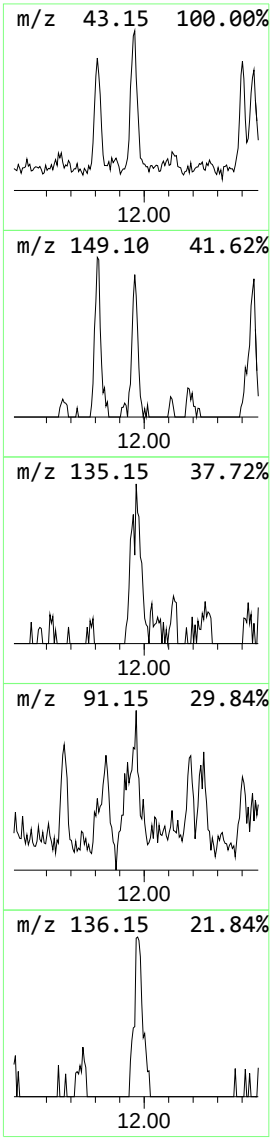
Peak Number 12 unknown11.967 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.967	5.63 ng	79226	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Phenyloxiran-2-yl)methyl acetate	192	C11H12O3	019950-78-8	27
2	5-Hepten-3-yn-2-one, 6-methyl-5-...	164	C11H16O	063922-42-9	25
3	Benzenebutanamine	149	C10H15N	013214-66-9	14
4	10-oxotricyclo[5.4.0.0(2,9)]unde...	256	C12H16O6	1000197-94-9	10
5	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	9





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Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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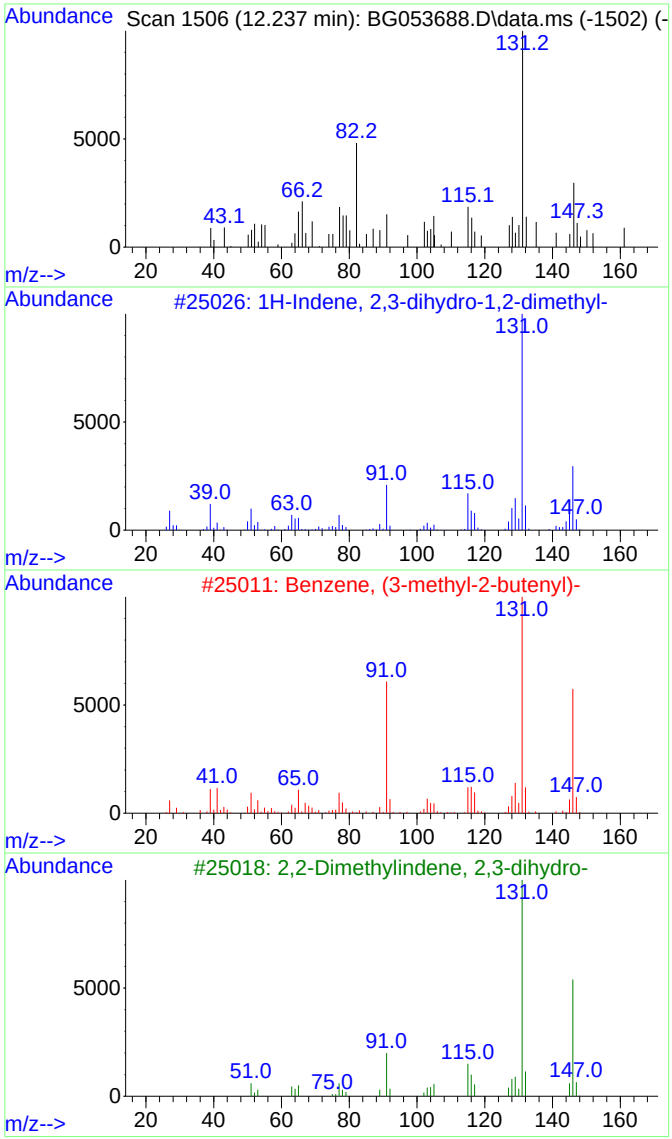
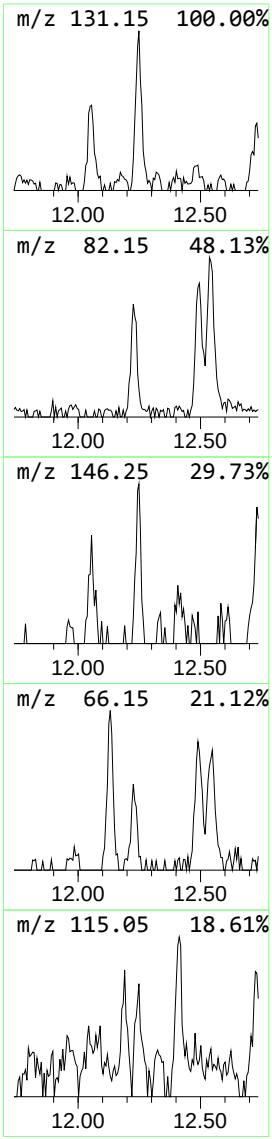
Peak Number 13 unknown12.237 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.237	4.28 ng	60198	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	45





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Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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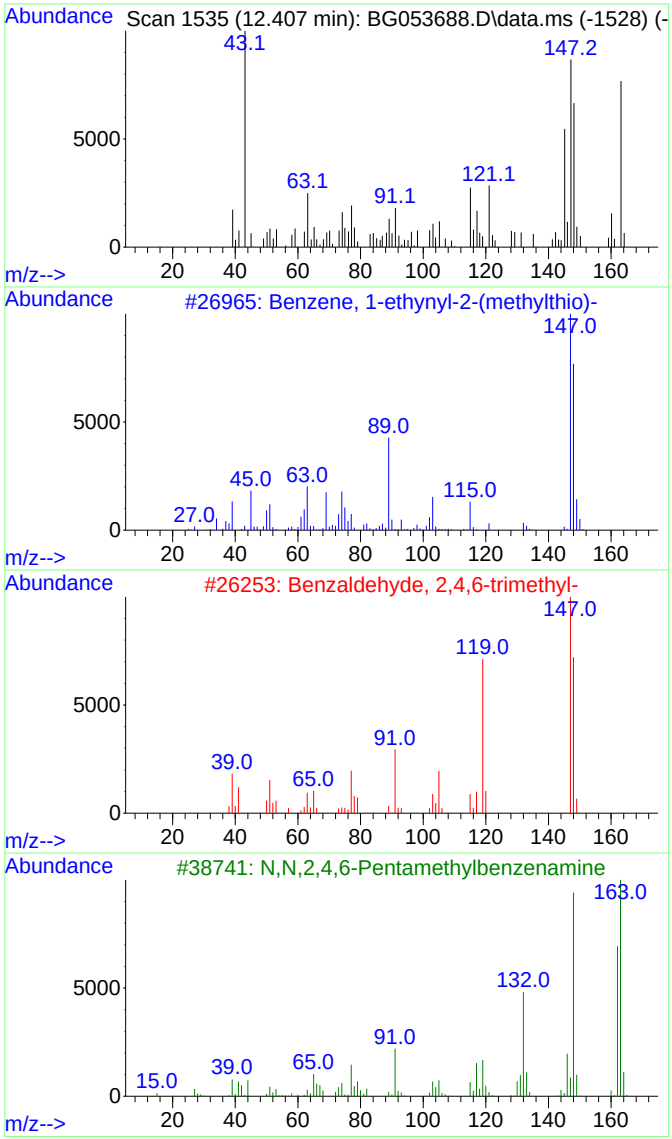
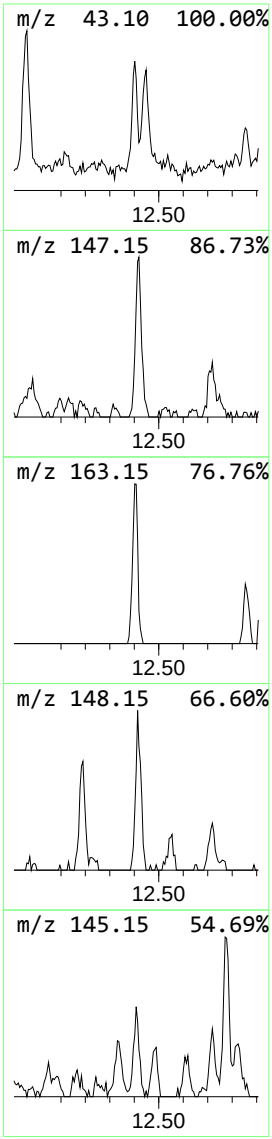
Peak Number 14 unknown12.407 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.407	7.71 ng	108506	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	46
2	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	43
3	N,N,2,4,6-Pentamethylbenzenamine	163	C11H17N	013021-15-3	43
4	Quinoline, 1,2,3,4-tetrahydro-8-...	163	C10H13NO	1000337-35-9	43
5	4-Ethylphenyl isothiocyanate	163	C9H9NS	018856-63-8	42





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Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

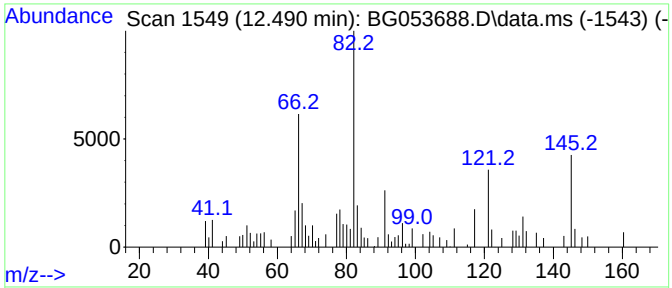
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

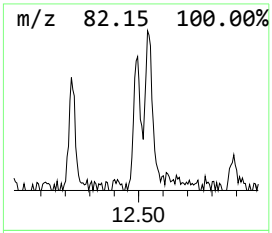
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

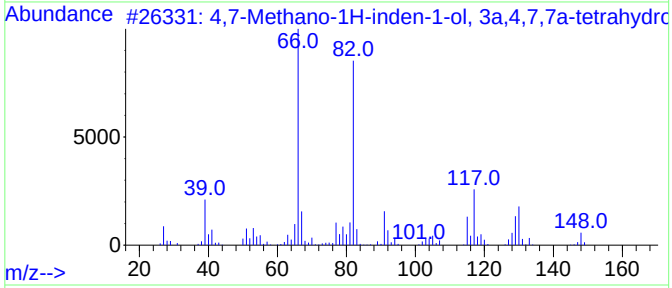
****
Peak Number 15 4,7-Methano-1H-inden-1-ol, ... Concentration Rank 10

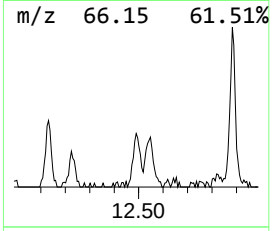
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.490	5.36 ng	75453	Naphthalene-d8	10.868

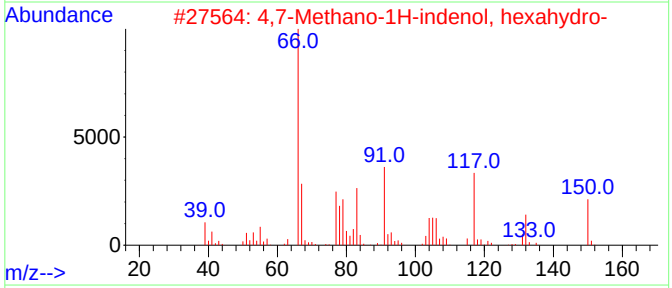
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-inden-1-ol, 3a,4,...	148	C10H12O	006814-80-8	53
2	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	49
3	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	43
4	Tricyclo[4.2.1.0(2,5)]nonane, 3,...	150	C11H18	050333-74-9	38
5	1,4:5,8-dimethano-naphthalene,1,...	160	C12H16	021635-90-5	38

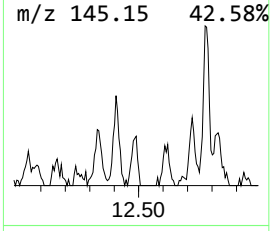


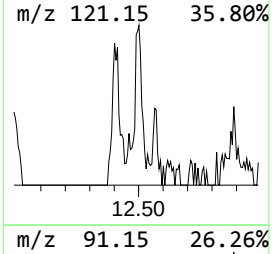


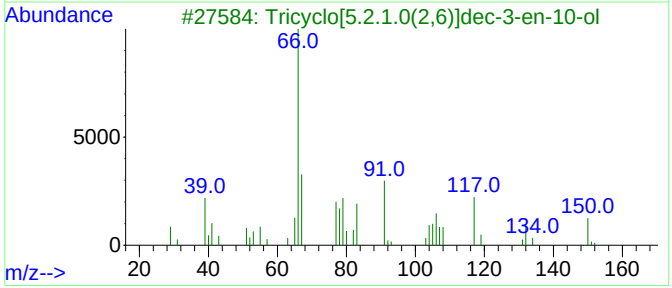


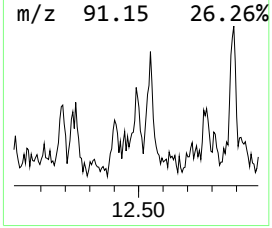












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Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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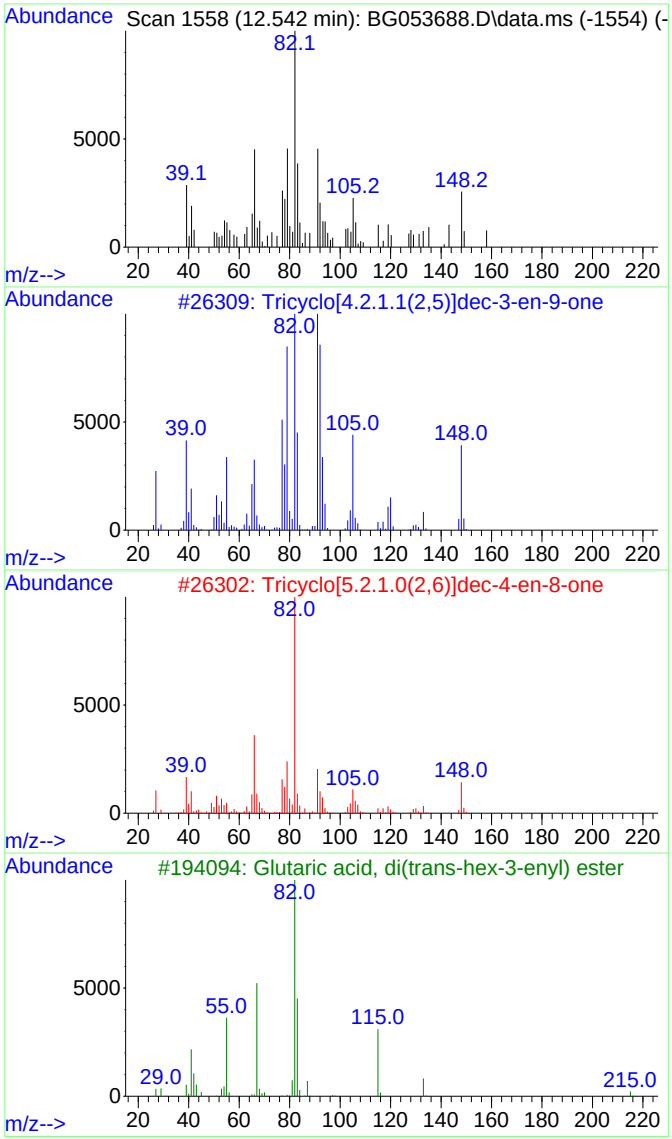
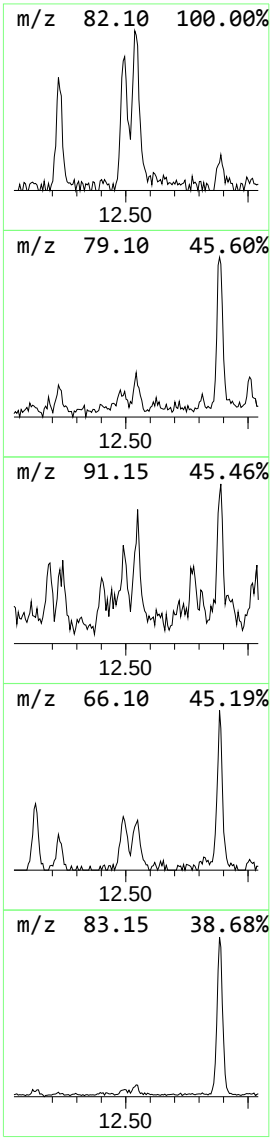
Peak Number 16 unknown12.543 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.543	4.26 ng	59898	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	148	C10H12O	067009-89-6	25
2	Tricyclo[5.2.1.0(2,6)]dec-4-en-8...	148	C10H12O	1000191-39-7	15
3	Glutaric acid, di(trans-hex-3-en...	296	C17H28O4	1000359-93-8	10
4	Glutaric acid, trans-hex-3-enyl ...	368	C22H40O4	1000359-93-1	10
5	3,10-Dioxatricyclo[4.3.1.0(2,4)]...	138	C8H10O2	050267-08-8	10





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Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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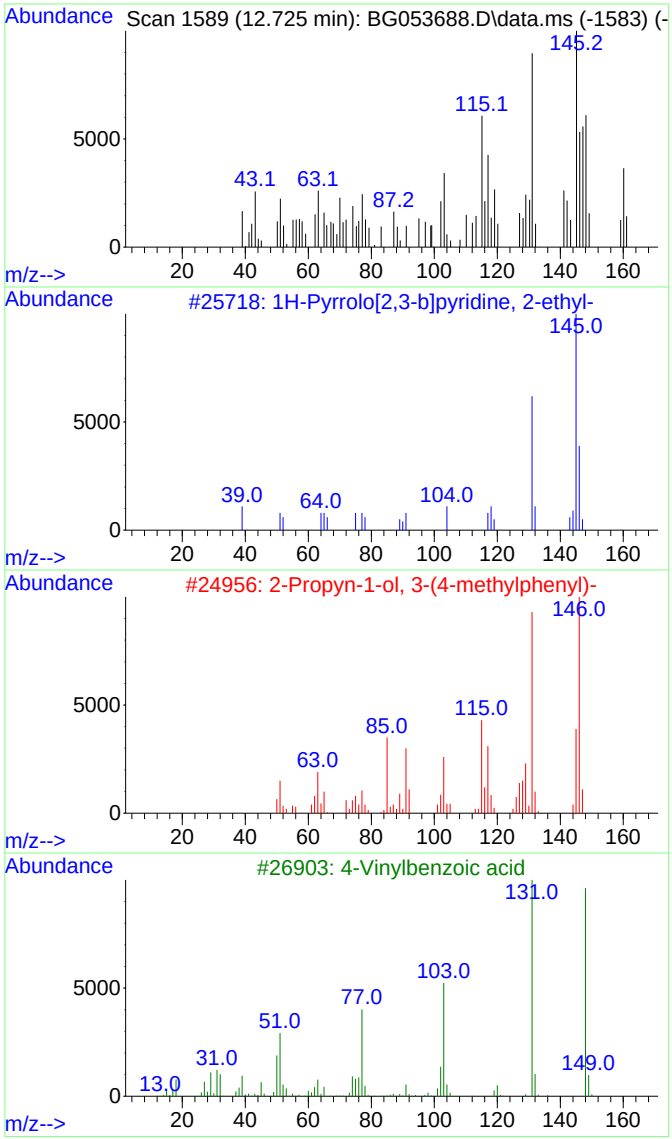
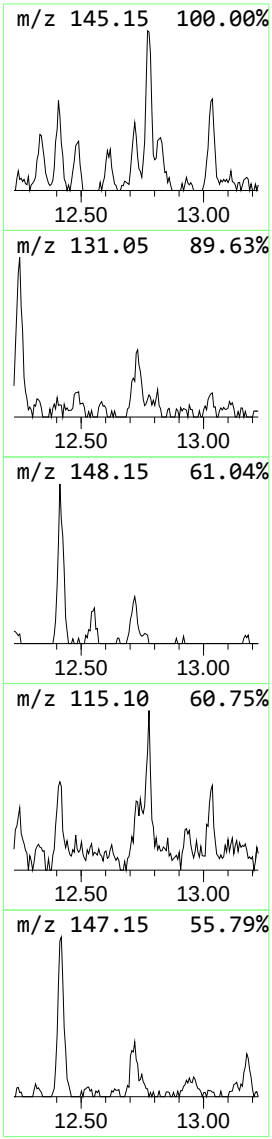
Peak Number 17 unknown12.725 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	3.95 ng	55657	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	43
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	42
3	4-Vinylbenzoic acid	148	C9H8O2	001075-49-6	35
4	1-Phthalazinamine	145	C8H7N3	019064-69-8	30
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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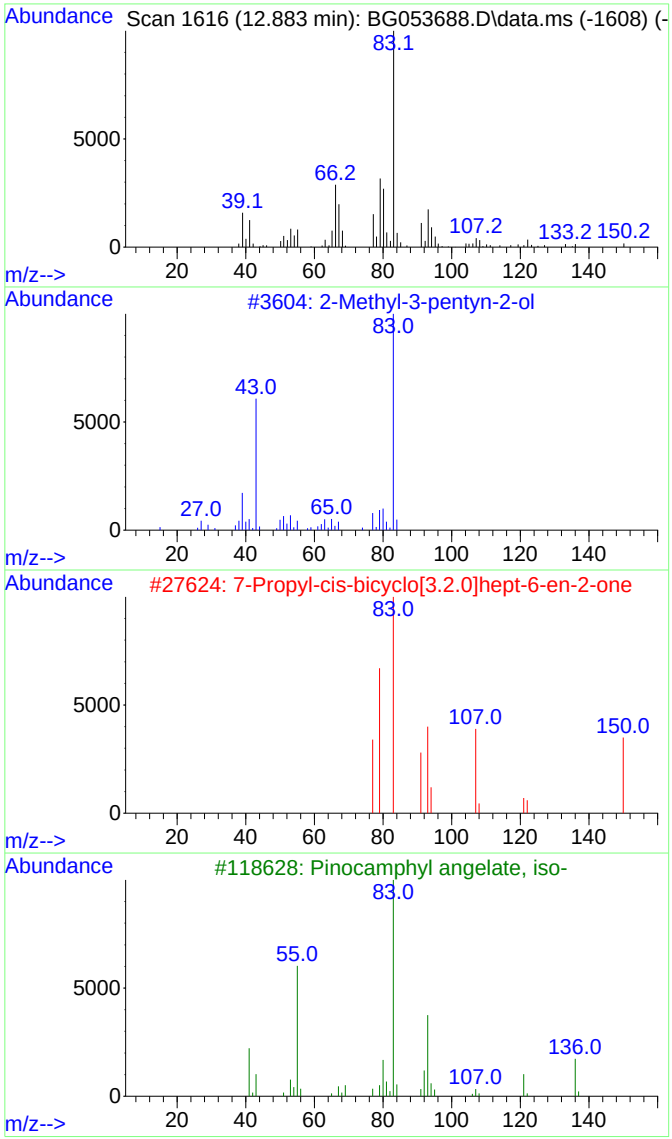
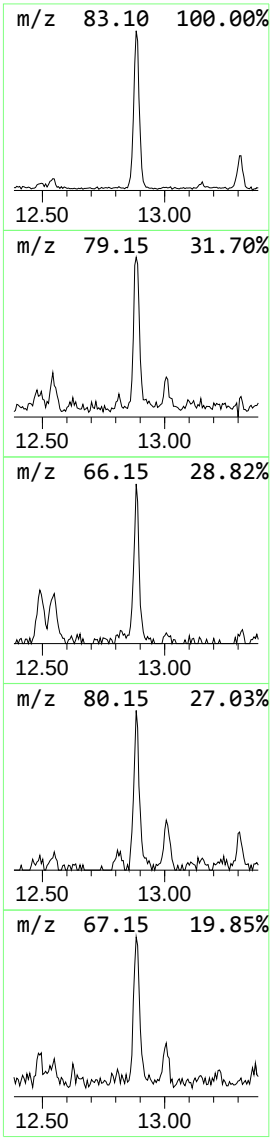
Peak Number 18 unknown12.883 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.883	7.33 ng	195368	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-pentyn-2-ol	98	C6H10O	000590-38-5	38
2	7-Propyl-cis-bicyclo[3.2.0]hept-...	150	C10H14O	054396-45-1	25
3	Pinocamphyl angelate, iso-	236	C15H24O2	1000383-57-7	25
4	Pinocamphyl tiglate, iso-	236	C15H24O2	1000383-57-6	17
5	3-Methyl-2-butenoic acid, phenyl...	176	C11H12O2	054897-52-8	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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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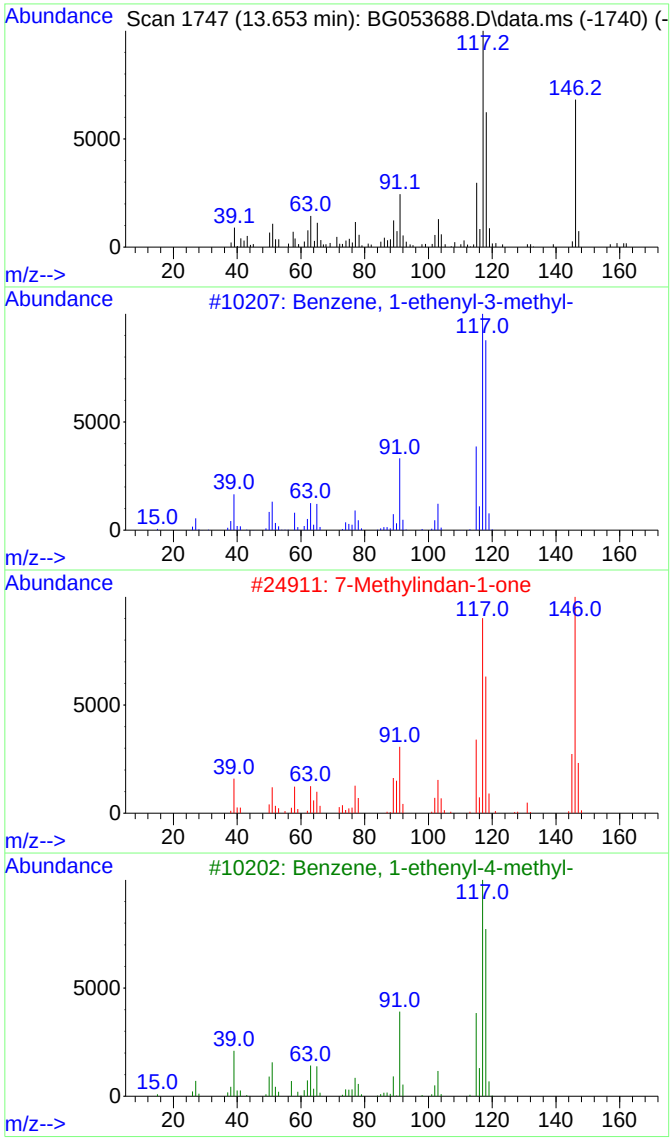
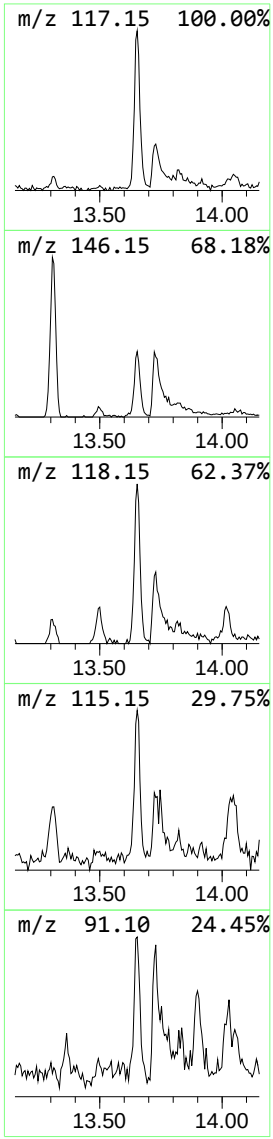
Peak Number 19 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.653	4.73 ng	125931	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	91
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

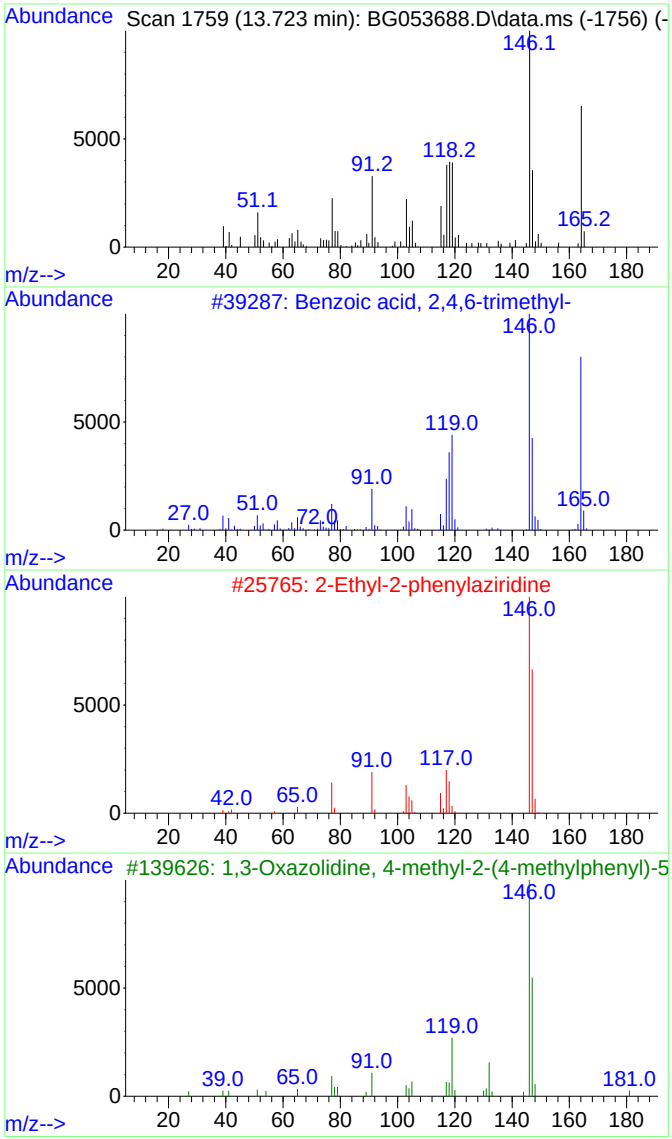
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

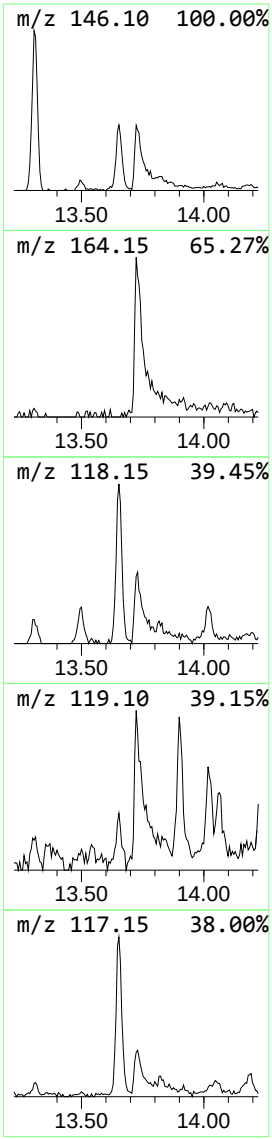
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.723	5.57 ng	148496	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	90
2	2-Ethyl-2-phenylaziridine	147	C10H13N	000768-82-1	35
3	1,3-Oxazolidine, 4-methyl-2-(4-m...	253	C17H19NO	1000138-83-3	25
4	5-Methyl-1H-benzimidazol-2-amine	147	C8H9N3	006285-68-3	25
5	Methyl 5-benzyl-2-(4-methylbenzy...	402	C21H26N2O4S	1000481-56-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053688.D
Acq On : 24 May 2022 18:45
Operator : CG/JU
Sample : N3002-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10

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, (1-met...	6.539	4.3	ng	38948	1	8.060	181003	20.0
1,3-Methanopent...	8.436	4.0	ng	36255	1	8.060	181003	20.0
Benzene, 1,3-di...	8.548	15.2	ng	137917	1	8.060	181003	20.0
Benzene, 1,4-di...	8.701	9.8	ng	89061	1	8.060	181003	20.0
Benzene, 4-ethy...	8.753	5.8	ng	52532	1	8.060	181003	20.0
3a,4,5,6,7,7a-H...	9.071	9.0	ng	81243	1	8.060	181003	20.0
unknown9.165	9.165	3.7	ng	33823	1	8.060	181003	20.0
unknown9.406	9.406	4.7	ng	42492	1	8.060	181003	20.0
o-Cymene	9.687	6.2	ng	86681	2	10.868	281531	20.0
Benzene, (1,1-d...	10.140	3.8	ng	53742	2	10.868	281531	20.0
Benzene, 1,4-di...	10.733	3.6	ng	50983	2	10.868	281531	20.0
unknown11.967	11.967	5.6	ng	79226	2	10.868	281531	20.0
unknown12.237	12.237	4.3	ng	60198	2	10.868	281531	20.0
unknown12.407	12.407	7.7	ng	108506	2	10.868	281531	20.0
4,7-Methano-1H-...	12.490	5.4	ng	75453	2	10.868	281531	20.0
unknown12.543	12.543	4.3	ng	59898	2	10.868	281531	20.0
unknown12.725	12.725	4.0	ng	55657	2	10.868	281531	20.0
unknown12.883	12.883	7.3	ng	195368	3	14.687	532755	20.0
Benzene, 1-ethe...	13.653	4.7	ng	125931	3	14.687	532755	20.0
Benzoic acid, 2...	13.723	5.6	ng	148496	3	14.687	532755	20.0