LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059370.D
Acq On : 8 Oct 2023 10:30
Operator : MA/JU
Sample : 04624-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBJQ4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BG100723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.964	93	98	110	rVB2	111514	193249	8.53%	1.016%
2	4.299	152	155	161	rVB2	36574	55907	2.47%	0.294%
3	4.840	241	247	254	rVB2	163429	270889	11.96%	1.425%
4	5.374	334	338	339	rBV	8422	6072	0.27%	0.032%
5	5.645	382	384	387	rBV	5397	6917	0.31%	0.036%
6	6.009	440	446	447	rBV2	5027	8605	0.38%	0.045%
7	6.502	525	530	533	rBV	5883	9768	0.43%	0.051%
8	6.814	580	583	587	rBV	5810	9751	0.43%	0.051%
9	7.354	670	675	682	rVB2	78683	131352	5.80%	0.691%
10	7.454	688	692	694	rVB	4824	6381	0.28%	0.034%
11	7.548	702	708	716	rVB	251565	416404	18.38%	2.190%
12	7.748	736	742	749	rVB	238392	404997	17.88%	2.130%
13	7.948	774	776	779	rBV	5504	7123	0.31%	0.037%
14	8.230	817	824	831	rBV	159835	274499	12.12%	1.444%
15	8.330	839	841	844	rVB	8149	7105	0.31%	0.037%
16	8.506	868	871	874	rBV	6705	8716	0.38%	0.046%
17	8.641	891	894	897	rVB	5208	6084	0.27%	0.032%
18	8.923	935	942	950	rVB	208148	357181	15.76%	1.878%
19	9.052	961	964	967	rBV	4836	7453	0.33%	0.039%
20	9.428	1021	1028	1037	rVB	299210	540307	23.85%	2.841%
21	9.963	1117	1119	1123	rVB	6020	7159	0.32%	0.038%
22	10.145	1143	1150	1161	rVB	251137	448480	19.79%	2.358%
23	10.263	1167	1170	1172	rBV	6056	6112	0.27%	0.032%
24	10.351	1182	1185	1188	rVB	6268	8149	0.36%	0.043%
25	10.392	1190	1192	1195	rVB	6546	6926	0.31%	0.036%
26	10.486	1207	1208	1210	rBV	6647	6241	0.28%	0.033%
27	10.562	1218	1221	1223	rBV	6276	6962	0.31%	0.037%
28	10.674	1233	1240	1247	rBV	357728	636055	28.07%	3.345%
29	11.068	1299	1307	1316	rBV	250039	451940	19.95%	2.377%
30	11.214	1325	1332	1339	rBV	370148	671830	29.65%	3.533%
31	11.361	1355	1357	1362	rVB	7383	8535	0.38%	0.045%
32	11.502	1379	1381	1384	rBV	6715	10335	0.46%	0.054%
33	11.714	1415	1417	1419	rBV	6817	6283	0.28%	0.033%
34	12.754	1591	1594	1596	rBV	6075	8144	0.36%	0.043%
35	13.189	1665	1668	1671	rBV	9562	10398	0.46%	0.055%
36	13.435	1707	1710	1711	rBV	7615	7264	0.32%	0.038%

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Title : SVOA CALIBRATION

37	13.477	1714	1717	1721	rBV	7236	11828	0.52%	0.062%
38	13.688	1750	1753	1757	rVB3	9789	14579	0.64%	0.077%
39	14.011	1806	1808	1810	rBV	7025	6228	0.27%	0.033%
40	14.258	1842	1850	1857	rBV	817561	1136574	50.16%	5.977%
41	14.569	1896	1903	1909	rBV	885821	1426582	62.96%	7.502%
42	14.769	1934	1937	1939	rBV	6074	6315	0.28%	0.033%
43	14.863	1947	1953	1960	rVB	441022	669289	29.54%	3.520%
44	14.916	1960	1962	1966	rBV	4731	6293	0.28%	0.033%
45	15.051	1980	1985	1990	rBV2	68774	113446	5.01%	0.597%
46	15.791	2109	2111	2112	rBV	7556	6266	0.28%	0.033%
47	15.850	2115	2121	2128	rVB	1207539	1770098	78.13%	9.309%
48	15.962	2134	2140	2149	rVB2	414662	600957	26.52%	3.160%
49	16.167	2173	2175	2178	rBV	8323	12224	0.54%	0.064%
50	17.125	2336	2338	2342	rBV	6722	6815	0.30%	0.036%
51	17.613	2415	2421	2428	rBV	538832	819578	36.17%	4.310%
52	17.713	2431	2438	2445	rVV	1326064	1981584	87.46%	10.421%
53	18.042	2492	2494	2497	rBV	7162	6390	0.28%	0.034%
54	18.089	2501	2502	2505	rBV	6742	8134	0.36%	0.043%
55	18.430	2557	2560	2564	rBV3	23934	30497	1.35%	0.160%
56	19.987	2819	2825	2834	rVB	1545708	2265710	100.00%	11.915%
57	21.914	3148	3153	3163	rVB	496454	831143	36.68%	4.371%
58	25.157	3696	3705	3716	rVB2	768501	2255677	99.56%	11.862%

Sum of corrected areas: 19015780

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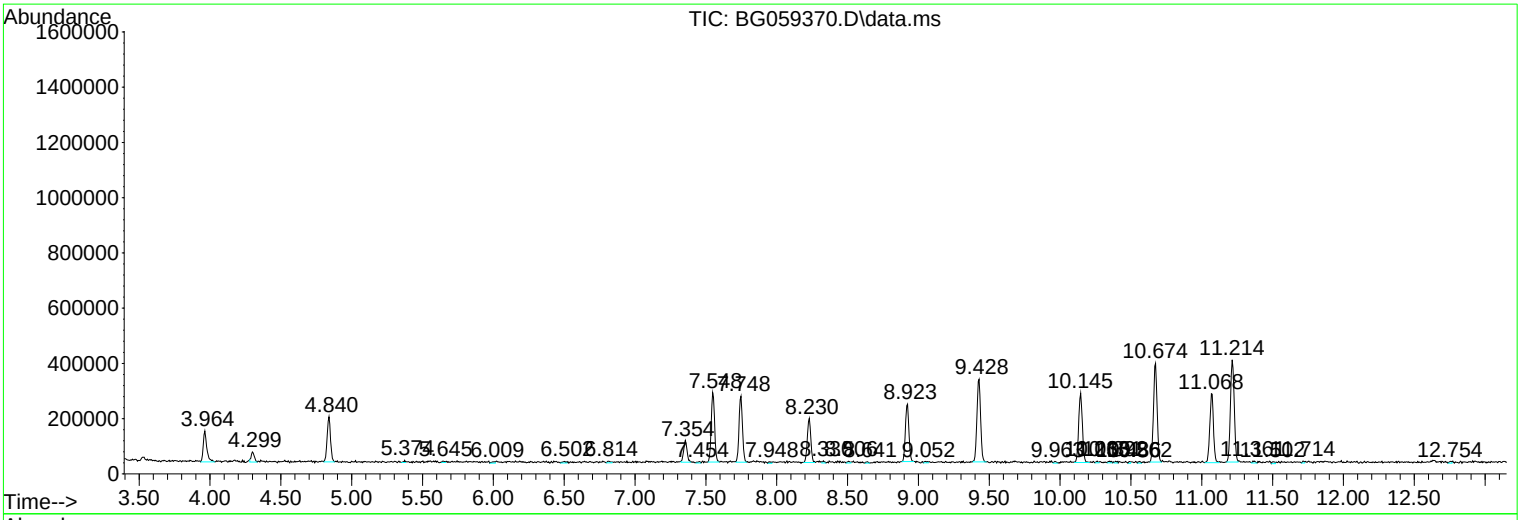
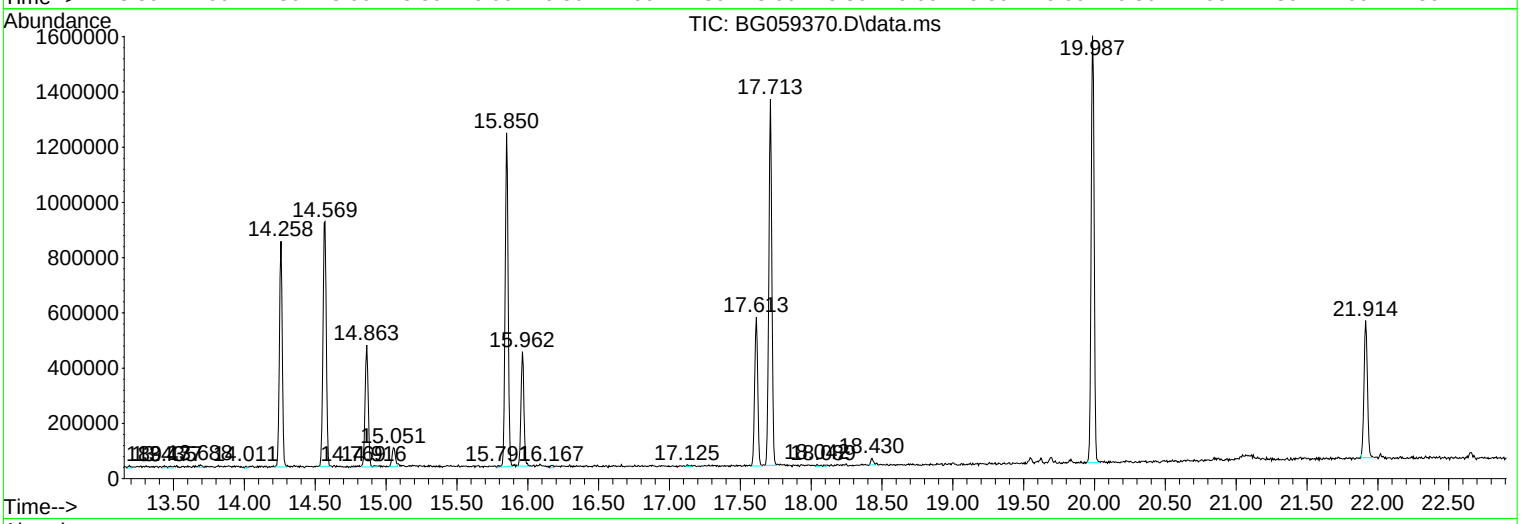
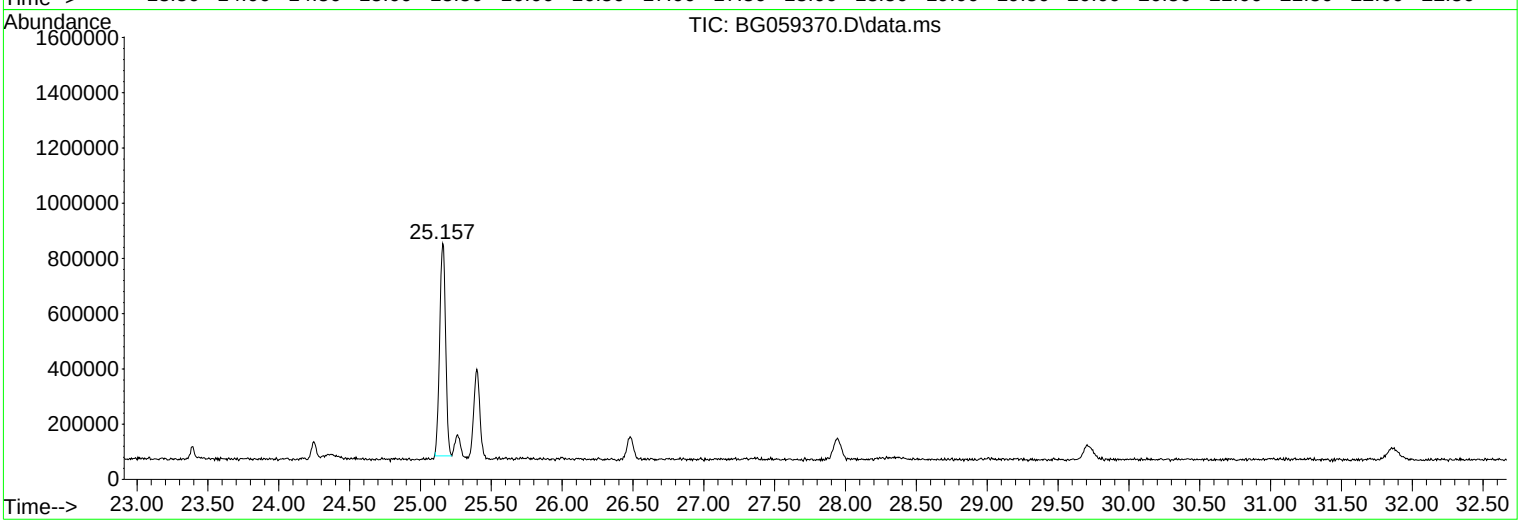
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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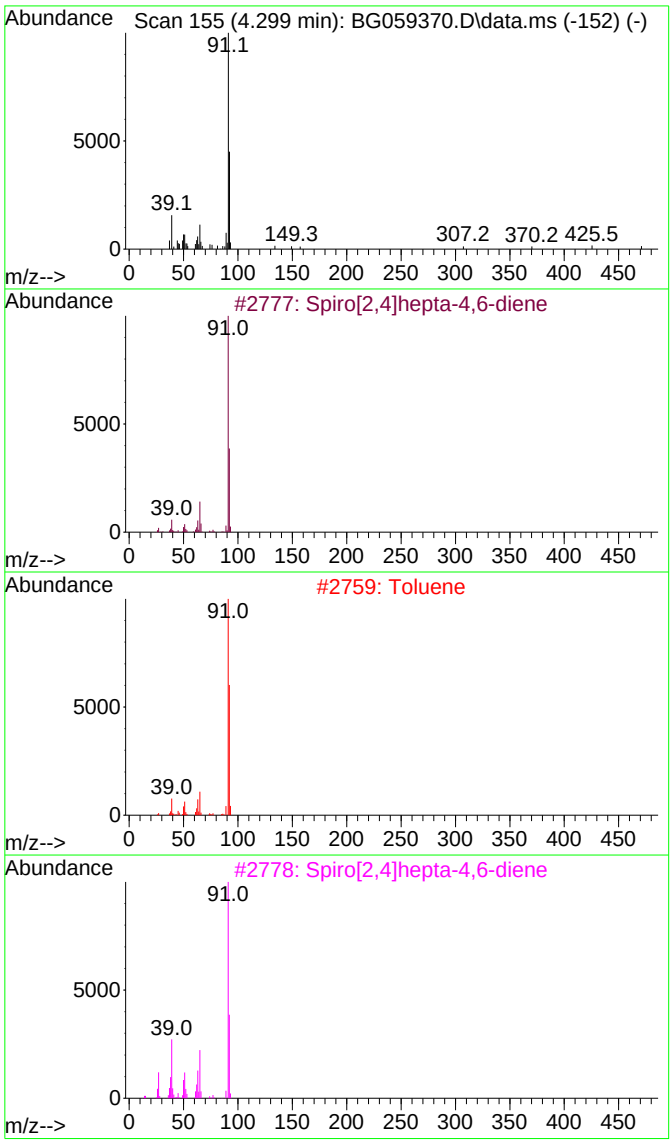
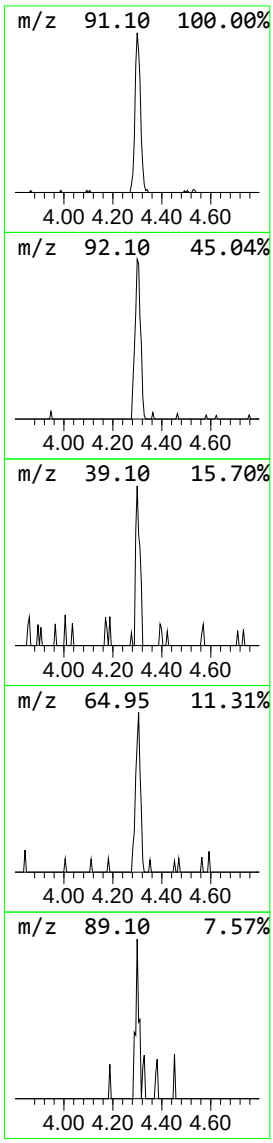
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Spiro[2,4]hepta-4,6-diene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.299	4.07 ng/ul	55907	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	74
2	Toluene	92	C7H8	000108-88-3	72
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	64
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	62
5	Toluene	92	C7H8	000108-88-3	62





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BNA_G
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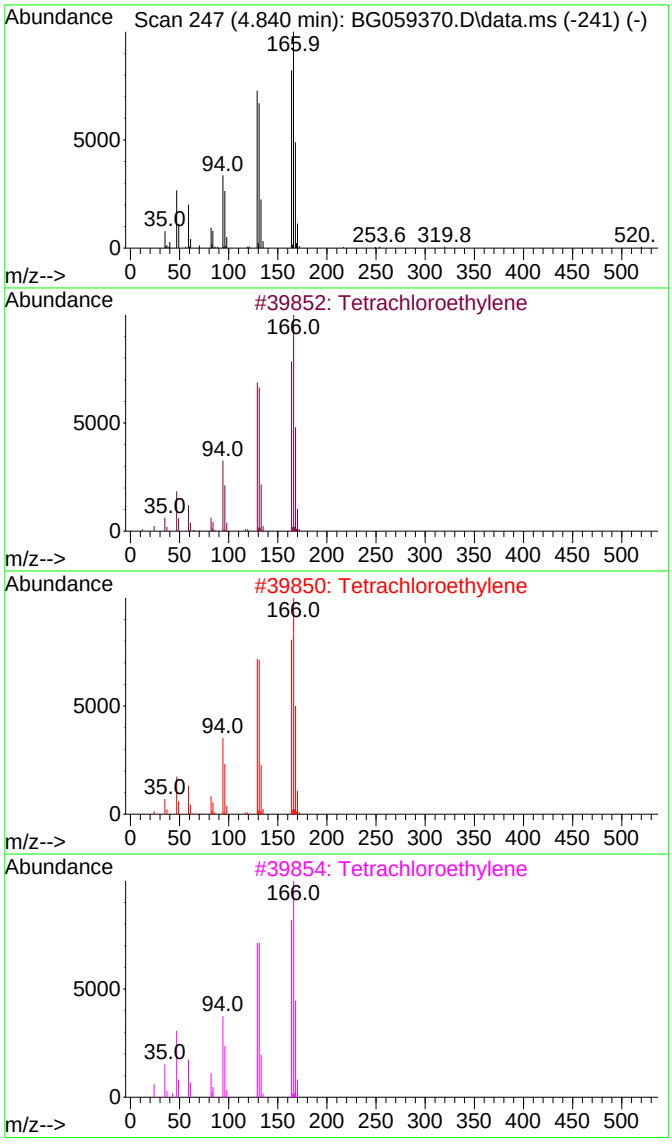
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

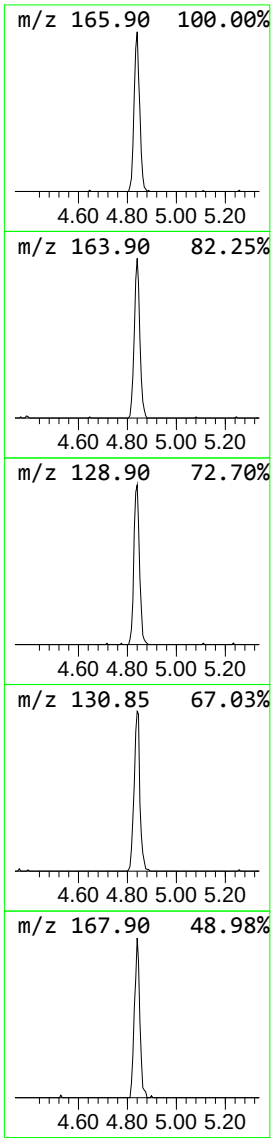
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.840	19.74 ng/ul	270889	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA 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
Spiro[2,4]hepta...	4.299	4.1	ng/ul	55907	1	8.230	274499	20.0
Tetrachloroethy...	4.840	19.7	ng/ul	270889	1	8.230	274499	20.0