LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051581.D
Acq On : 16 Dec 2021 22:16
Operator : CG/JU
Sample : M5013-02DL2 50X
Misc :
ALS Vial : 81 Sample Multiplier: 1

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.884	400	408	416	rBV4	2829	7267	0.34%	0.127%
2	7.353	654	658	663	rBV2	2734	4429	0.21%	0.078%
3	7.412	663	668	672	rVB2	2606	3796	0.18%	0.067%
4	7.494	677	682	687	rVB	3839	5932	0.28%	0.104%
5	7.582	692	697	701	rVB	1995	3570	0.17%	0.063%
6	7.799	727	734	739	rVB4	3073	5346	0.25%	0.094%
7	7.923	750	755	762	rVB	10469	14988	0.70%	0.263%
8	8.275	809	815	822	rVB	105311	184407	8.56%	3.232%
9	8.410	832	838	844	rBV5	4347	9737	0.45%	0.171%
10	8.663	875	881	890	rVB	24986	40521	1.88%	0.710%
11	8.968	929	933	936	rBV2	2998	3360	0.16%	0.059%
12	9.444	1009	1014	1018	rBV2	2095	3442	0.16%	0.060%
13	9.532	1026	1029	1034	rVB3	1898	3467	0.16%	0.061%
14	9.985	1100	1106	1111	rBV	1374	2617	0.12%	0.046%
15	10.178	1135	1139	1143	rBV3	1956	3110	0.14%	0.055%
16	10.466	1184	1188	1191	rBV2	2634	3946	0.18%	0.069%
17	10.513	1191	1196	1203	rVB7	8618	16343	0.76%	0.286%
18	10.654	1216	1220	1226	rBV4	4610	7469	0.35%	0.131%
19	10.713	1227	1230	1237	rVB2	2288	3336	0.15%	0.058%
20	11.118	1290	1299	1302	rBV	146611	266120	12.36%	4.665%
21	11.171	1302	1308	1316	rVB	1199299	2153393	100.00%	37.746%
22	11.289	1321	1328	1335	rVB	19584	32109	1.49%	0.563%
23	12.469	1523	1529	1537	rVB2	17083	29295	1.36%	0.514%
24	12.657	1557	1561	1564	rVB3	1753	2841	0.13%	0.050%
25	12.757	1571	1578	1585	rVB	154606	243695	11.32%	4.272%
26	12.869	1593	1597	1604	rVB2	1764	3017	0.14%	0.053%
27	12.975	1604	1615	1621	rBV	74299	124489	5.78%	2.182%
28	13.744	1738	1746	1752	rBV	47294	73540	3.42%	1.289%
29	13.950	1775	1781	1788	rBV4	3855	7430	0.35%	0.130%
30	14.073	1798	1802	1805	rBV3	3655	5167	0.24%	0.091%
31	14.232	1824	1829	1834	rBV2	5246	7289	0.34%	0.128%
32	14.296	1834	1840	1845	rVV2	8077	13166	0.61%	0.231%
33	14.478	1866	1871	1873	rBV	1692	2410	0.11%	0.042%
34	14.608	1887	1893	1899	rVB2	9070	16367	0.76%	0.287%
35	14.913	1935	1945	1951	rBV	259679	392698	18.24%	6.884%
36	14.972	1951	1955	1959	rVV3	6830	11113	0.52%	0.195%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Title : SVOA CALIBRATION

37	15.031	1959	1965	1970	rVV	26038	36124	1.68%	0.633%
38	15.307	2006	2012	2019	rBV2	96340	148748	6.91%	2.607%
39	15.371	2019	2023	2026	rVB4	1924	2763	0.13%	0.048%
40	15.606	2060	2063	2069	rVB3	1177	2236	0.10%	0.039%
41	15.900	2106	2113	2118	rBV2	9929	15011	0.70%	0.263%
42	15.953	2118	2122	2127	rVB2	7028	9023	0.42%	0.158%
43	16.253	2169	2173	2177	rVB3	2374	4016	0.19%	0.070%
44	16.617	2230	2235	2242	rBV4	9896	17619	0.82%	0.309%
45	17.304	2345	2352	2358	rBV3	28413	42236	1.96%	0.740%
46	17.657	2405	2412	2418	rBV	354956	529773	24.60%	9.286%
47	17.756	2424	2429	2437	rVB	11989	19021	0.88%	0.333%
48	18.050	2474	2479	2483	rBV2	3930	6039	0.28%	0.106%
49	18.908	2616	2625	2630	rBV8	1997	6560	0.30%	0.115%
50	19.055	2645	2650	2652	rBV6	1748	3012	0.14%	0.053%
51	19.301	2689	2692	2695	rBV4	2209	3514	0.16%	0.062%
52	19.436	2710	2715	2718	rBV4	5728	9178	0.43%	0.161%
53	19.924	2795	2798	2802	rBV4	3793	5022	0.23%	0.088%
54	19.983	2804	2808	2810	rBV5	2153	3692	0.17%	0.065%
55	20.030	2812	2816	2822	rBV2	13053	21064	0.98%	0.369%
56	20.382	2874	2876	2879	rBV4	3498	3788	0.18%	0.066%
57	20.629	2916	2918	2920	rBV3	3255	2868	0.13%	0.050%
58	21.299	3030	3032	3034	rBV3	4872	3042	0.14%	0.053%
59	21.974	3141	3147	3157	rVB2	321488	566560	26.31%	9.931%
60	25.475	3732	3743	3754	rVB2	179761	529385	24.58%	9.279%
61	28.060	4181	4183	4184	rBV2	4896	3396	0.16%	0.060%

Sum of corrected areas: 5704912

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Misc :
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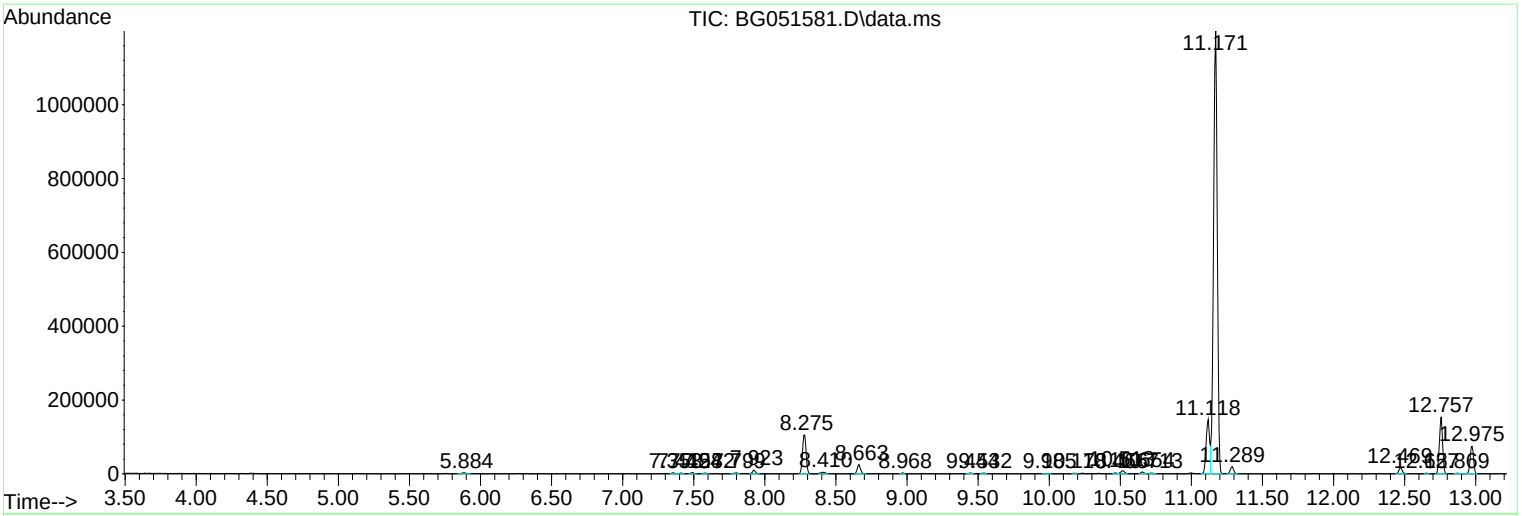
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



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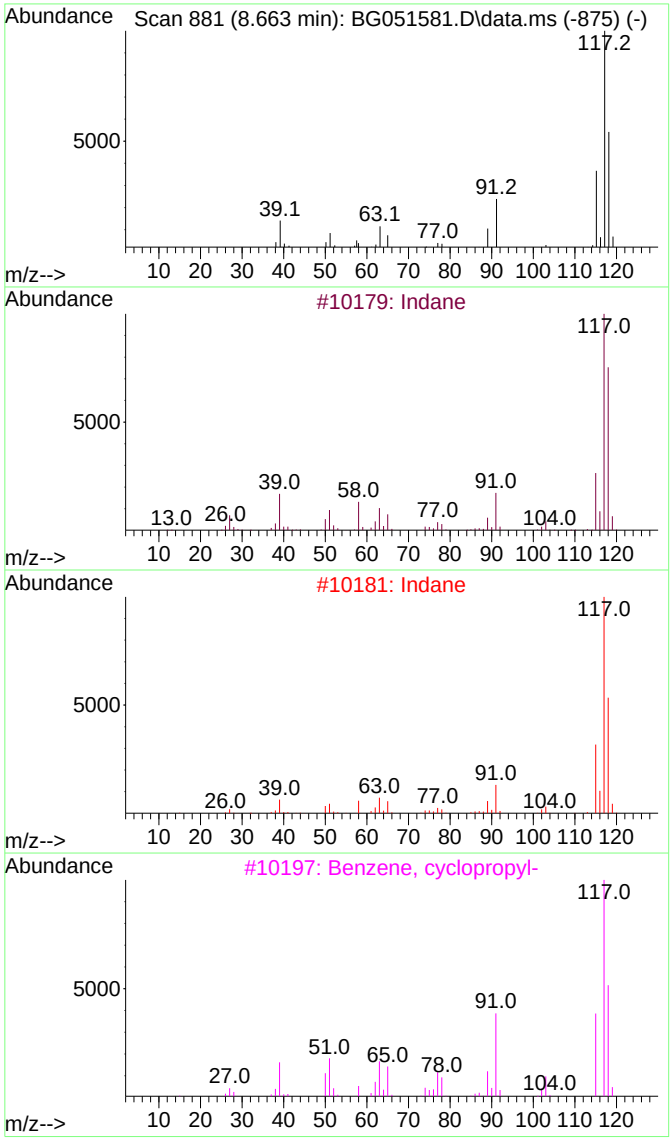
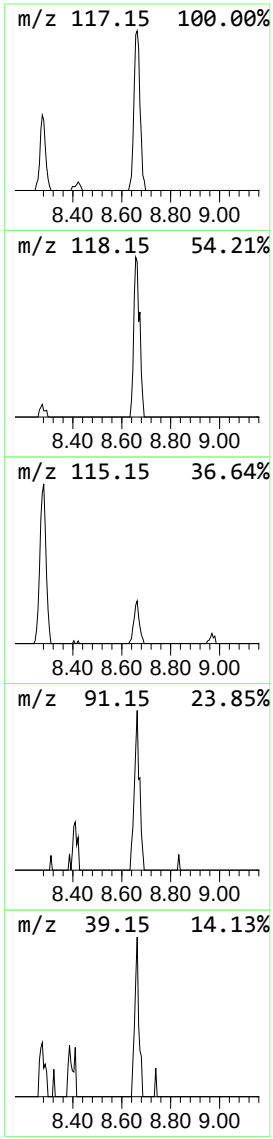
Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	4.39 ng/ul	40521	1,4-Dichlorobenzene-d4	8.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59





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Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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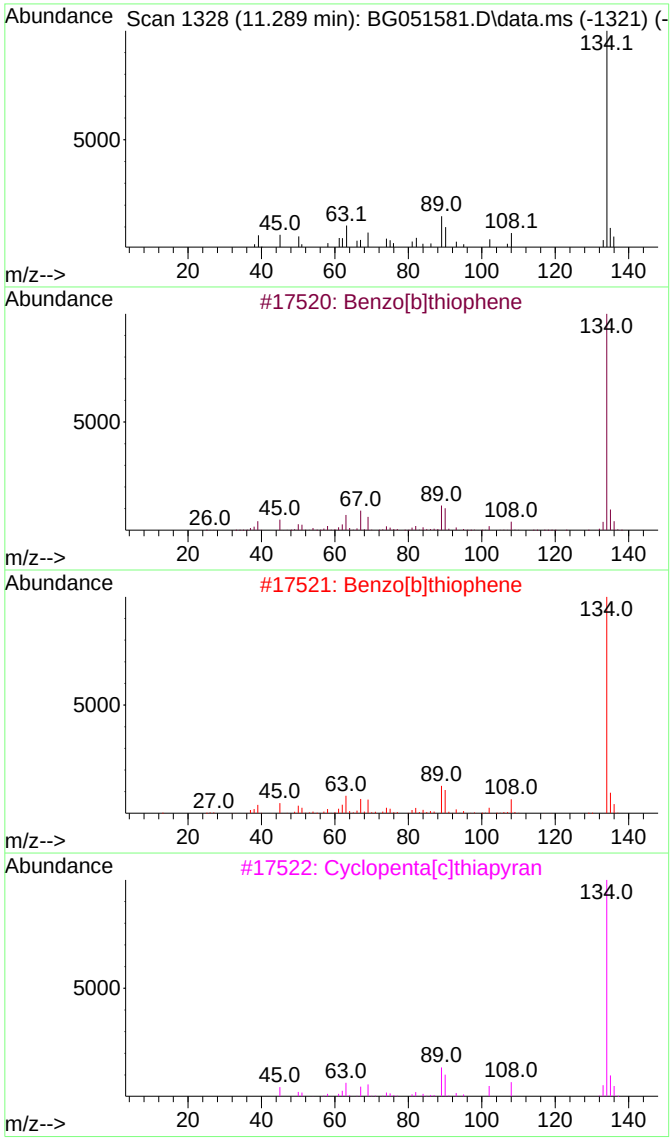
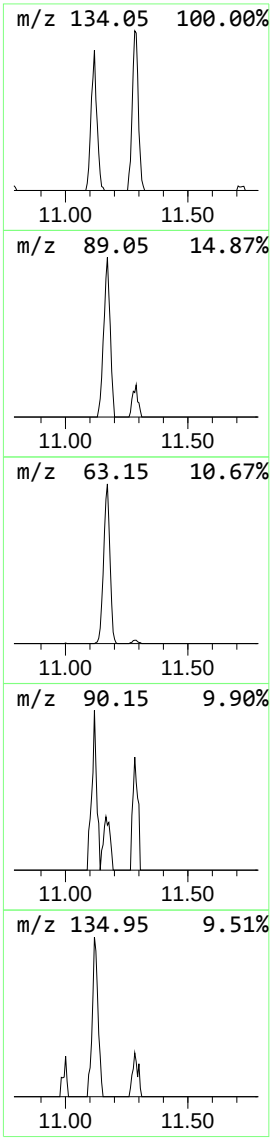
Peak Number 2 Benzo[b]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.289	2.41 ng/ul	32109	Naphthalene-d8	11.118

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Benzo[c]thiophene	134	C8H6S	000270-82-6	90





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Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

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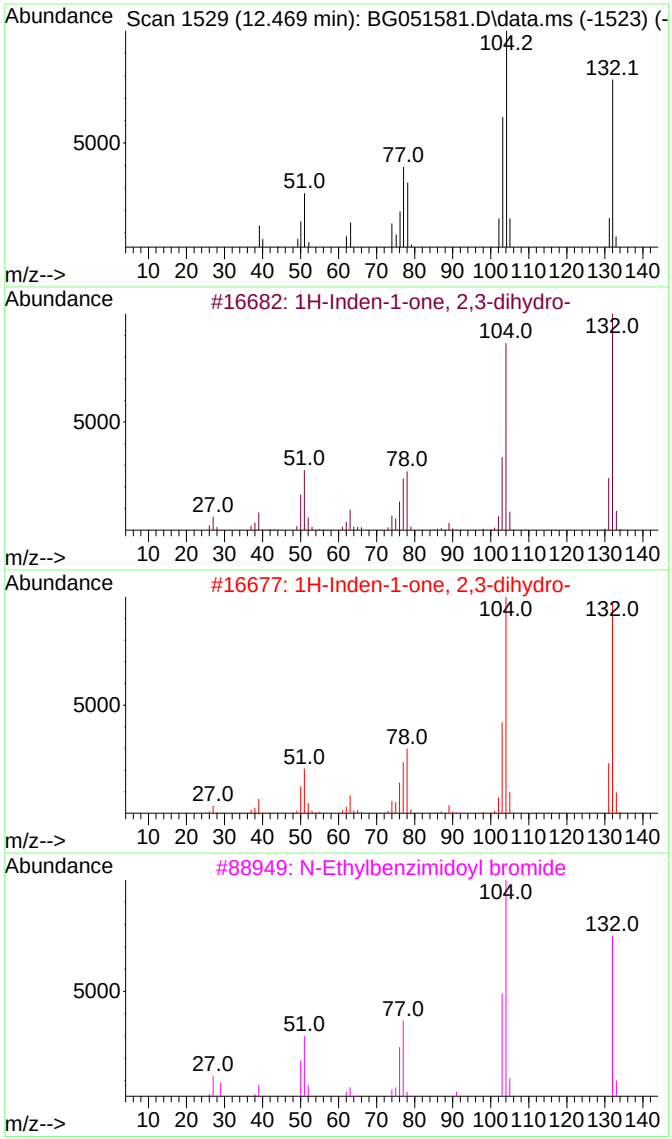
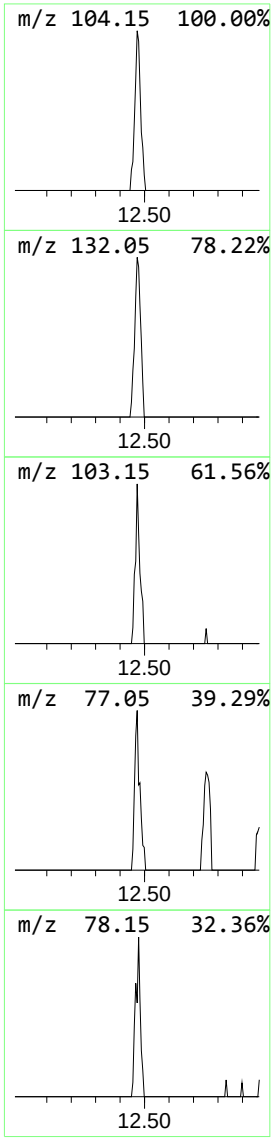
Peak Number 3 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.20 ng/ul	29295	Naphthalene-d8	11.118

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	87
3	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	72
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	58





Tentatively Identified Compound (LSC) summary

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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
Indane	8.663	4.4	ng/ul	40521	1	8.275	184407	20.0
Benzo[b]thiophene	11.289	2.4	ng/ul	32109	2	11.118	266120	20.0
1H-Inden-1-one,...	12.469	2.2	ng/ul	29295	2	11.118	266120	20.0