LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058331.D
Acq On : 19 Jul 2023 17:23
Operator : CG/JU
Sample : PB154065BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK065

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-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058331.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	3	11	33	rVB	398678	751815	43.98%	4.629%
2	3.335	39	42	48	rVB2	15873	23745	1.39%	0.146%
3	3.746	107	112	126	rBV	206173	339773	19.88%	2.092%
4	4.081	167	169	173	rVB3	4111	5566	0.33%	0.034%
5	4.187	183	187	190	rBV6	2201	3274	0.19%	0.020%
6	4.639	259	264	268	rBV2	4509	6479	0.38%	0.040%
7	5.797	456	461	469	rVB5	10754	17139	1.00%	0.106%
8	6.525	579	585	592	rBV2	14857	27552	1.61%	0.170%
9	7.060	668	676	686	rBV	222613	388655	22.74%	2.393%
10	7.224	697	704	717	rVB	170870	284276	16.63%	1.750%
11	7.430	729	739	750	rBV	199003	352862	20.64%	2.173%
12	7.894	811	818	831	rBV	106593	186776	10.93%	1.150%
13	8.070	845	848	853	rVB3	1650	2845	0.17%	0.018%
14	8.147	857	861	866	rBV4	4004	6022	0.35%	0.037%
15	8.211	867	872	879	rVB2	9681	14300	0.84%	0.088%
16	8.599	931	938	953	rBV	260028	475076	27.79%	2.925%
17	9.057	1007	1016	1035	rBV	204980	378599	22.15%	2.331%
18	9.780	1132	1139	1153	rVB	168530	310844	18.18%	1.914%
19	10.321	1224	1231	1246	rBV	261524	489630	28.64%	3.015%
20	10.515	1261	1264	1269	rVB3	1218	1826	0.11%	0.011%
21	10.697	1286	1295	1305	rBV	171134	309826	18.12%	1.908%
22	10.832	1311	1318	1338	rBV	245601	481941	28.19%	2.967%
23	12.289	1561	1566	1571	rBV3	3089	5648	0.33%	0.035%
24	13.423	1753	1759	1762	rBV	4148	5607	0.33%	0.035%
25	13.934	1840	1846	1858	rBV	533318	783081	45.81%	4.822%
26	14.228	1889	1896	1905	rBV2	622765	968035	56.63%	5.960%
27	14.533	1942	1948	1956	rBV	315278	480546	28.11%	2.959%
28	14.733	1977	1982	2003	rBV	176113	367109	21.47%	2.260%
29	15.526	2110	2117	2126	rBV	817887	1255433	73.44%	7.730%
30	15.644	2132	2137	2147	rBV	225986	344119	20.13%	2.119%
31	15.767	2152	2158	2161	rBV4	3317	4580	0.27%	0.028%
32	16.966	2357	2362	2370	rVB4	21400	30010	1.76%	0.185%
33	17.060	2374	2378	2382	rVB3	1200	1975	0.12%	0.012%
34	17.277	2409	2415	2425	rBV	412707	628859	36.79%	3.872%
35	17.377	2425	2432	2450	rVB	928230	1421553	83.16%	8.753%
36	18.693	2652	2656	2659	rVV4	1200	1721	0.10%	0.011%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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

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Title : SVOA CALIBRATION

37	19.057	2713	2718	2721	rBV4	1339	2719	0.16%	0.017%
38	19.234	2742	2748	2753	rVB3	12566	19229	1.12%	0.118%
39	19.298	2753	2759	2766	rBV	10598	18818	1.10%	0.116%
40	19.668	2815	2822	2833	rBV	1121437	1629345	95.31%	10.032%
41	19.998	2876	2878	2881	rVB4	2221	2665	0.16%	0.016%
42	20.074	2889	2891	2895	rBV4	1835	2751	0.16%	0.017%
43	20.109	2895	2897	2900	rBV3	1847	2566	0.15%	0.016%
44	20.344	2935	2937	2938	rBV2	1996	1843	0.11%	0.011%
45	20.685	2993	2995	3000	rVB4	3687	3973	0.23%	0.024%
46	20.802	3013	3015	3017	rVB3	2528	2373	0.14%	0.015%
47	21.178	3075	3079	3082	rVB4	7521	10239	0.60%	0.063%
48	21.278	3094	3096	3097	rBV2	2716	1735	0.10%	0.011%
49	21.478	3128	3130	3132	rBV3	2647	2701	0.16%	0.017%
50	21.525	3132	3138	3147	rVV2	394285	640859	37.49%	3.946%
51	21.707	3165	3169	3174	rVB6	10164	14203	0.83%	0.087%
52	22.295	3265	3269	3273	rVB3	15005	21334	1.25%	0.131%
53	22.965	3377	3383	3386	rBV5	16437	27965	1.64%	0.172%
54	23.746	3508	3516	3521	rBV2	19159	47269	2.77%	0.291%
55	24.451	3624	3636	3652	rBV2	608743	1709493	100.00%	10.526%
56	24.657	3662	3671	3685	rVB2	262518	757966	44.34%	4.667%
57	25.174	3757	3759	3760	rBV2	3225	2458	0.14%	0.015%
58	25.744	3848	3856	3863	rBV4	21130	61952	3.62%	0.381%
59	27.048	4071	4078	4088	rVB6	18966	59711	3.49%	0.368%
60	27.741	4194	4196	4197	rBV2	4117	2882	0.17%	0.018%
61	28.106	4256	4258	4261	rBV3	3284	1937	0.11%	0.012%
62	28.623	4336	4346	4347	rBV10	11202	28896	1.69%	0.178%
63	28.728	4362	4364	4365	rBV	3503	1726	0.10%	0.011%
64	30.315	4632	4634	4638	rBV5	3529	4571	0.27%	0.028%

Sum of corrected areas: 16241276

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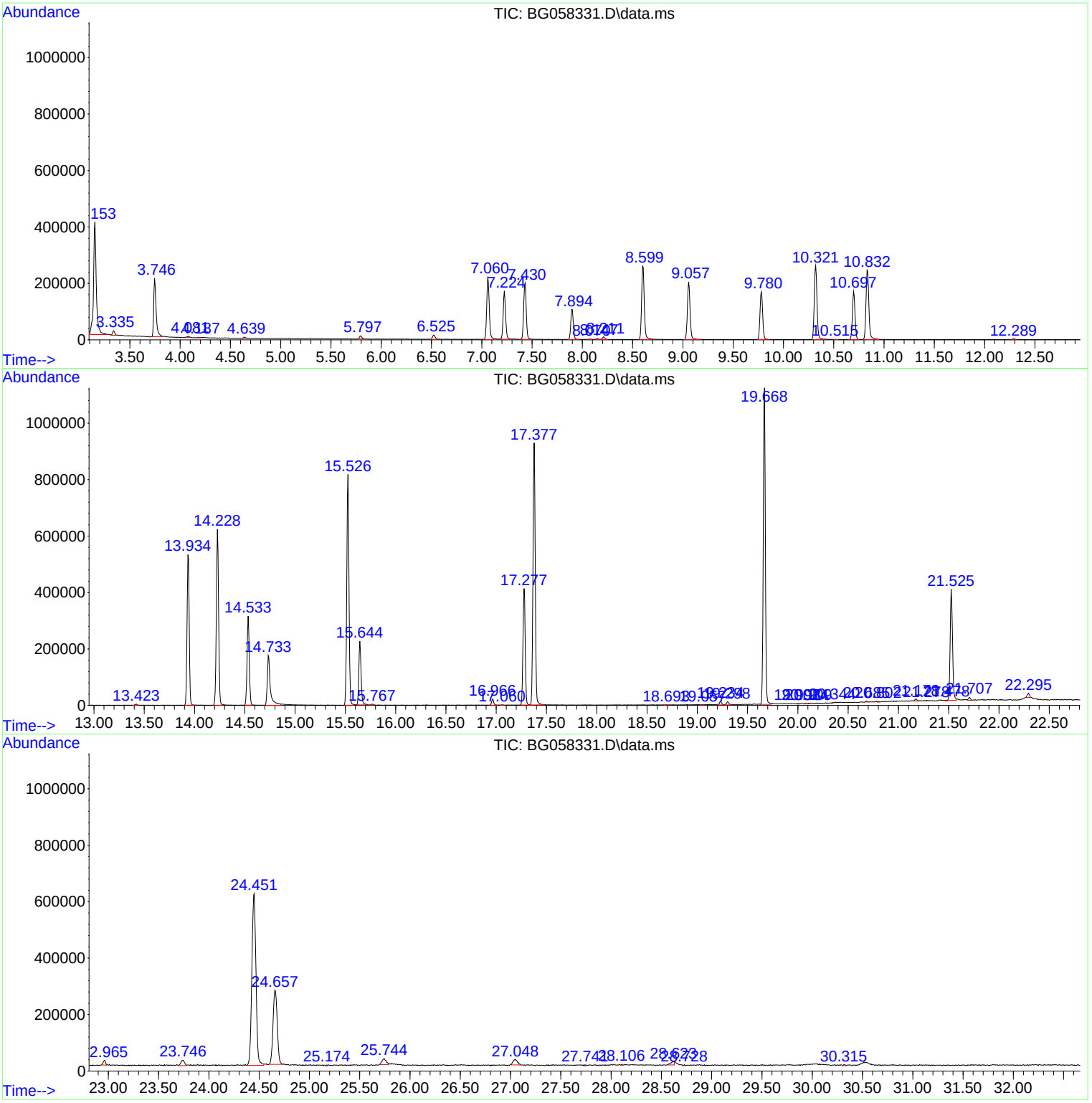
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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



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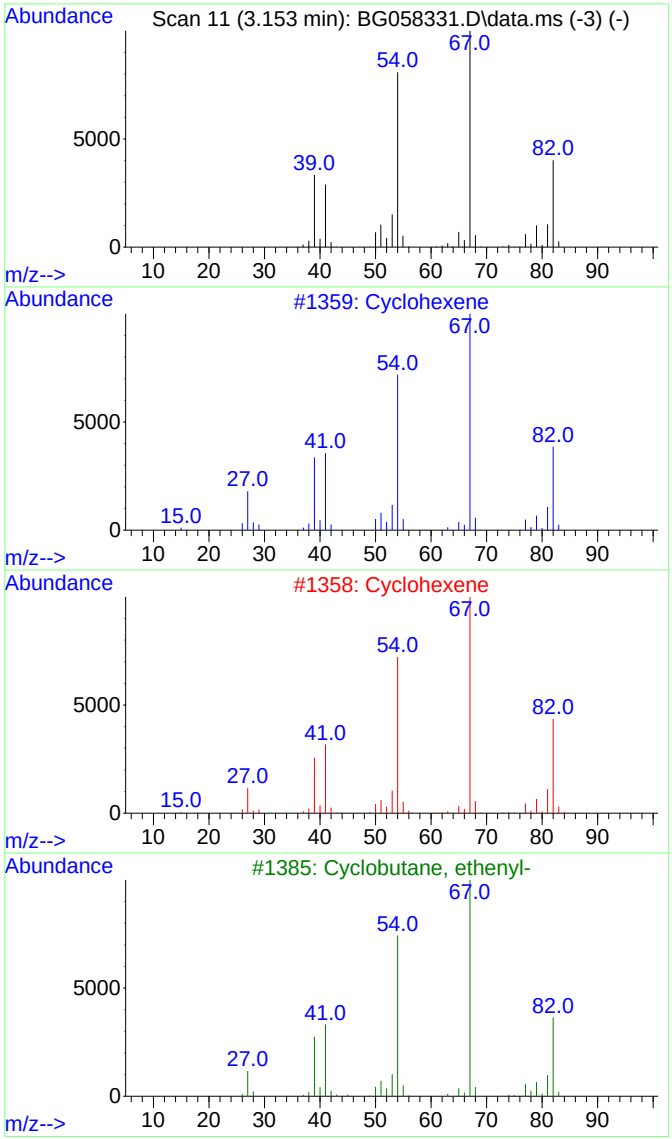
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

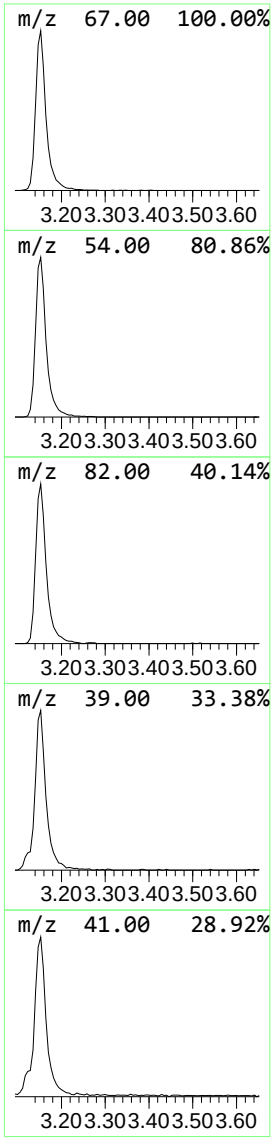
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	80.50 ng/ul	751815	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Cyclohexene	82	C6H10	000110-83-8	91
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
4	Cyclohexene	82	C6H10	000110-83-8	91
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	91





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Instrument :
BNA_G
ClientSampleId :
SBLK065

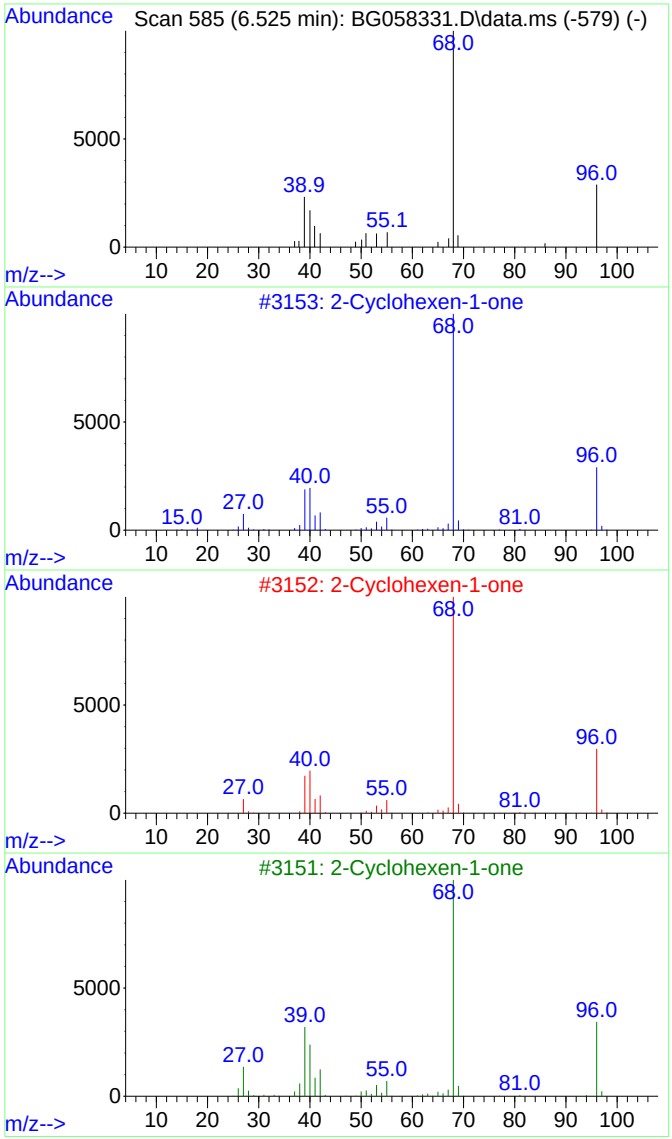
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

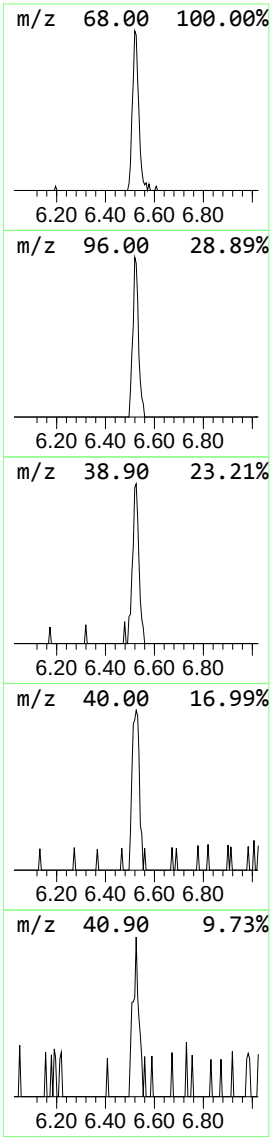
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Cyclohexen-1-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.525	2.95 ng/ul	27552	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	86
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	80
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	72
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	72
5	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	38





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Cyclohexene	3.153	80.5	ng/ul	751815	1	7.894	186776	20.0
2-Cyclohexen-1-one	6.525	3.0	ng/ul	27552	1	7.894	186776	20.0