LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058317.D
Acq On : 19 Jul 2023 2:46
Operator : CG/JU
Sample : PB154044BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK044

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: BG058317.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	31	rVB	407252	780016	42.96%	4.282%
2	3.335	39	42	52	rVB	17550	26524	1.46%	0.146%
3	3.746	107	112	126	rBV	223029	365987	20.16%	2.009%
4	4.081	165	169	174	rVB6	5065	8980	0.49%	0.049%
5	4.187	183	187	188	rBV3	1671	2073	0.11%	0.011%
6	4.304	206	207	213	rVB4	1730	1996	0.11%	0.011%
7	4.633	259	263	267	rBV3	4000	5908	0.33%	0.032%
8	5.797	455	461	466	rBV3	11885	20350	1.12%	0.112%
9	6.525	577	585	592	rBV2	16346	30407	1.67%	0.167%
10	7.060	667	676	692	rBV	232746	416158	22.92%	2.284%
11	7.224	696	704	715	rBV	184543	310007	17.07%	1.702%
12	7.430	730	739	750	rBV	214182	377768	20.81%	2.074%
13	7.894	812	818	829	rBV	151471	257861	14.20%	1.416%
14	8.065	842	847	849	rBV4	1922	2871	0.16%	0.016%
15	8.147	857	861	867	rBV5	4242	7007	0.39%	0.038%
16	8.212	867	872	879	rVB	9685	16265	0.90%	0.089%
17	8.599	932	938	954	rBV	273545	502550	27.68%	2.759%
18	9.058	1008	1016	1028	rBV	224613	401782	22.13%	2.206%
19	9.780	1132	1139	1150	rBV	185570	332310	18.30%	1.824%
20	10.321	1223	1231	1241	rBV	269761	506623	27.90%	2.781%
21	10.697	1288	1295	1308	rVB	227987	417944	23.02%	2.294%
22	10.832	1311	1318	1337	rVV	275259	516409	28.44%	2.835%
23	12.283	1561	1565	1572	rBV	4935	9231	0.51%	0.051%
24	13.417	1753	1758	1764	rVB2	4607	6457	0.36%	0.035%
25	13.934	1840	1846	1858	rBV	568650	836168	46.05%	4.590%
26	14.228	1889	1896	1905	rBV2	640275	1021537	56.26%	5.608%
27	14.534	1941	1948	1956	rBV	417455	645339	35.54%	3.543%
28	14.733	1976	1982	2003	rBV	208328	404894	22.30%	2.223%
29	15.527	2110	2117	2128	rBV	901733	1352220	74.48%	7.423%
30	15.644	2131	2137	2152	rVV	272483	413201	22.76%	2.268%
31	15.767	2152	2158	2162	rVB5	3773	7325	0.40%	0.040%
32	16.966	2354	2362	2368	rVB2	19315	26808	1.48%	0.147%
33	17.277	2408	2415	2425	rBV	580785	862285	47.49%	4.734%
34	17.377	2425	2432	2444	rVV2	989772	1513210	83.34%	8.307%
35	19.228	2744	2747	2753	rVB	13254	18285	1.01%	0.100%
36	19.299	2754	2759	2765	rBV	14560	21876	1.20%	0.120%

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Title : SVOA CALIBRATION

37	19.410	2772	2778	2781	rVB2	1532	2866	0.16%	0.016%
38	19.669	2815	2822	2836	rBV	1215774	1754886	96.65%	9.633%
39	20.409	2947	2948	2952	rVB4	2583	2013	0.11%	0.011%
40	20.621	2981	2984	2988	rVB3	4584	5619	0.31%	0.031%
41	20.803	3013	3015	3018	rBV4	2884	2122	0.12%	0.012%
42	21.096	3063	3065	3068	rBV3	2248	3115	0.17%	0.017%
43	21.179	3075	3079	3082	rVB4	8192	11044	0.61%	0.061%
44	21.525	3132	3138	3150	rBV	517806	855540	47.12%	4.696%
45	21.708	3164	3169	3174	rVB5	12125	19809	1.09%	0.109%
46	22.289	3264	3268	3274	rVB3	15243	23719	1.31%	0.130%
47	22.959	3374	3382	3388	rVB4	19429	35031	1.93%	0.192%
48	23.735	3508	3514	3523	rBV3	22990	51315	2.83%	0.282%
49	24.445	3624	3635	3655	rBV	666365	1815644	100.00%	9.967%
50	24.663	3661	3672	3686	rVB	364579	1028953	56.67%	5.648%
51	25.744	3848	3856	3868	rBV4	23672	70100	3.86%	0.385%
52	26.690	4015	4017	4019	rBV3	3646	3002	0.17%	0.016%
53	26.972	4063	4065	4066	rBV2	3541	2282	0.13%	0.013%
54	27.048	4071	4078	4090	rVB4	22997	78435	4.32%	0.431%
55	28.118	4258	4260	4262	rBV3	3461	2131	0.12%	0.012%
56	29.968	4573	4575	4576	rBV2	3947	2335	0.13%	0.013%

Sum of corrected areas: 18216593

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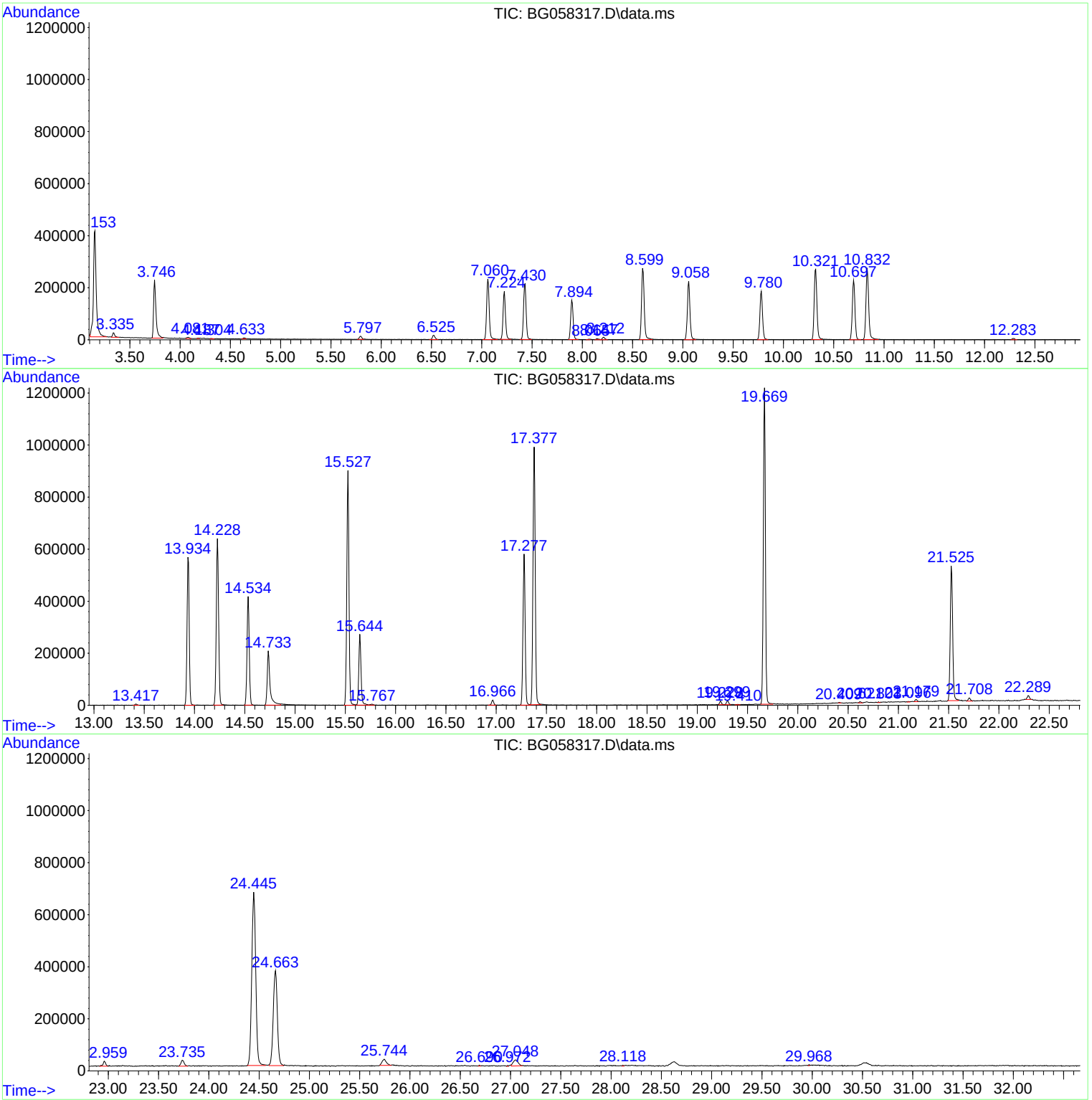
ClientSampleId :
SBLK044

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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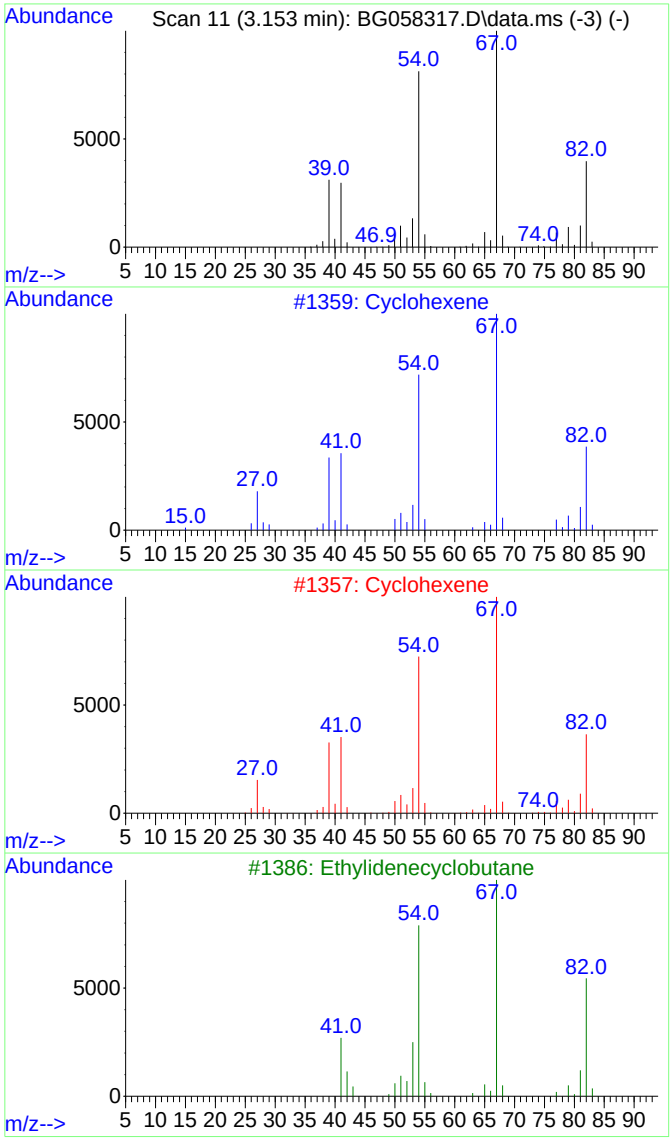
Quant Title : SVOA CALIBRATION

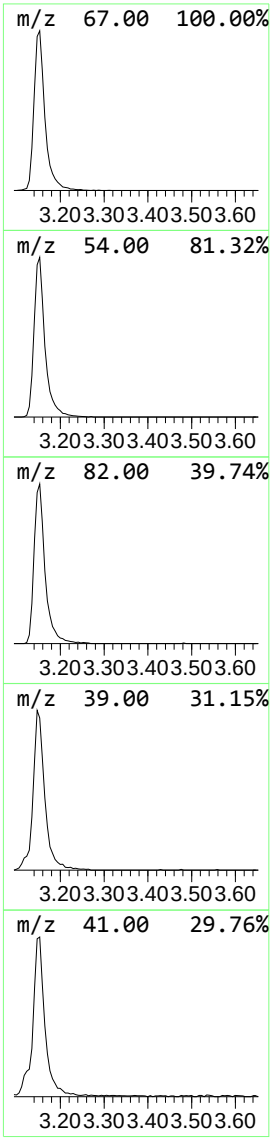
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	60.50 ng/ul	780016	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	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
5	Cyclohexene	82	C6H10	000110-83-8	91





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK044

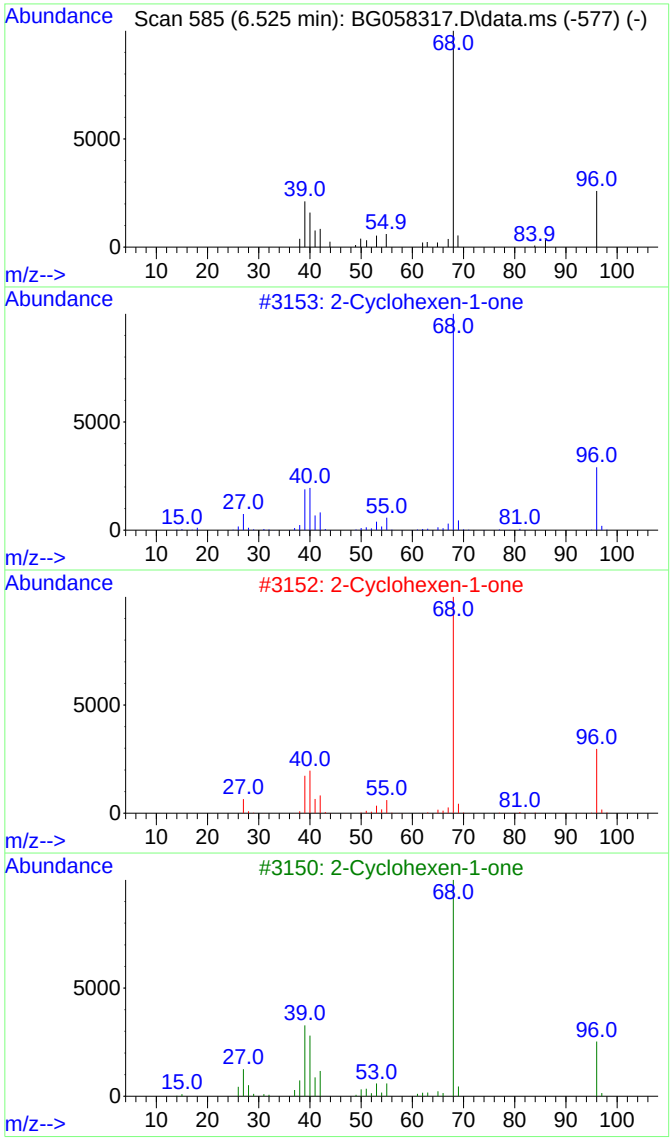
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

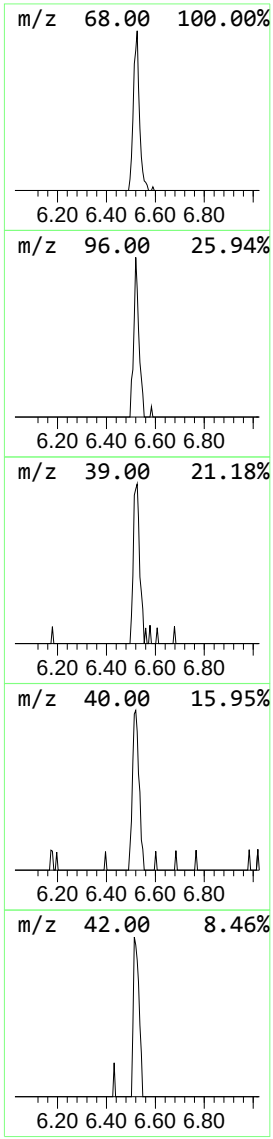
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.525	2.36 ng/ul	30407	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	83
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	49
5	2,3-Pentadiene	68	C5H8	000591-96-8	33





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
Cyclohexene	3.153	60.5	ng/ul	780016	1	7.894	257861	20.0
2-Cyclohexen-1-one	6.525	2.4	ng/ul	30407	1	7.894	257861	20.0