LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058240.D
Acq On : 14 Jul 2023 22:42
Operator : CG/JU
Sample : PB154013BL
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058240.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.159	3	12	33	rVB	457221	1005357	37.57%	3.760%
2	3.347	40	44	54	rVB	24521	39644	1.48%	0.148%
3	3.753	108	113	137	rBV	317722	575052	21.49%	2.151%
4	4.088	163	170	176	rVB7	6242	13528	0.51%	0.051%
5	4.176	182	185	191	rBV4	3399	6120	0.23%	0.023%
6	4.646	260	265	269	rBV	6724	10450	0.39%	0.039%
7	4.681	269	271	279	rVB5	2562	4121	0.15%	0.015%
8	5.803	457	462	467	rBV2	19217	31947	1.19%	0.119%
9	6.526	578	585	595	rBV2	23773	43679	1.63%	0.163%
10	7.066	669	677	689	rBV	379719	674673	25.21%	2.523%
11	7.231	698	705	719	rVB	282192	477895	17.86%	1.787%
12	7.437	733	740	751	rBV	343342	606519	22.67%	2.268%
13	7.901	813	819	831	rVB	237376	409979	15.32%	1.533%
14	8.071	845	848	849	rBV2	3913	4133	0.15%	0.015%
15	8.153	855	862	867	rBV6	6899	12638	0.47%	0.047%
16	8.218	867	873	880	rVV3	14475	24810	0.93%	0.093%
17	8.612	932	940	955	rBV	453566	823522	30.78%	3.080%
18	9.064	1008	1017	1029	rBV	360763	646843	24.17%	2.419%
19	9.787	1132	1140	1152	rBV	291649	532400	19.90%	1.991%
20	10.327	1223	1232	1246	rBV	447879	840794	31.42%	3.145%
21	10.703	1289	1296	1306	rBV	378551	687662	25.70%	2.572%
22	10.838	1312	1319	1334	rBV	425536	817903	30.57%	3.059%
23	12.290	1561	1566	1572	rVB2	6134	10384	0.39%	0.039%
24	13.424	1754	1759	1764	rVB	8489	13420	0.50%	0.050%
25	13.941	1840	1847	1859	rBV	796105	1207335	45.12%	4.516%
26	14.234	1888	1897	1908	rBV	932394	1513662	56.57%	5.661%
27	14.540	1941	1949	1966	rBV	636593	997419	37.27%	3.730%
28	14.740	1976	1983	2003	rBV	289590	584192	21.83%	2.185%
29	15.345	2081	2086	2092	rBV5	1889	3030	0.11%	0.011%
30	15.533	2111	2118	2129	rBV	1213615	1902747	71.11%	7.116%
31	15.650	2132	2138	2150	rVV	348961	534021	19.96%	1.997%
32	15.774	2154	2159	2163	rVB5	4408	8297	0.31%	0.031%
33	16.972	2357	2363	2369	rBV3	15675	23300	0.87%	0.087%
34	17.284	2409	2416	2425	rBV	822263	1233308	46.09%	4.613%
35	17.384	2425	2433	2451	rVB	1321218	2085348	77.93%	7.799%
36	19.234	2744	2748	2753	rVB2	21596	29222	1.09%	0.109%

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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-BG070123.MA.M
Title : SVOA CALIBRATION

37	19.305	2756	2760	2766	rBV2	17887	25629	0.96%	0.096%
38	19.587	2804	2808	2810	rBV3	6466	6748	0.25%	0.025%
39	19.675	2816	2823	2840	rBV	1630271	2445732	91.40%	9.147%
40	20.421	2946	2950	2953	rBV6	2650	3721	0.14%	0.014%
41	20.621	2982	2984	2987	rVB4	6287	6052	0.23%	0.023%
42	20.686	2993	2995	2998	rBV4	3223	3315	0.12%	0.012%
43	21.538	3133	3140	3155	rBV	776826	1317868	49.25%	4.929%
44	21.714	3167	3170	3174	rVB6	7311	7370	0.28%	0.028%
45	22.307	3266	3271	3277	rBV5	11312	24002	0.90%	0.090%
46	22.977	3381	3385	3392	rVB2	16719	28843	1.08%	0.108%
47	23.753	3512	3517	3527	rVB3	22060	48167	1.80%	0.180%
48	24.464	3626	3638	3656	rBV2	903953	2675939	100.00%	10.008%
49	24.675	3663	3674	3689	rBV	527923	1532000	57.25%	5.730%
50	25.768	3852	3860	3868	rBV3	27556	78825	2.95%	0.295%
51	27.066	4075	4081	4092	rVB4	26901	89089	3.33%	0.333%
52	29.076	4421	4423	4426	rBV4	3695	4059	0.15%	0.015%
53	32.155	4945	4947	4949	rBV3	5049	4741	0.18%	0.018%

Sum of corrected areas: 26737454

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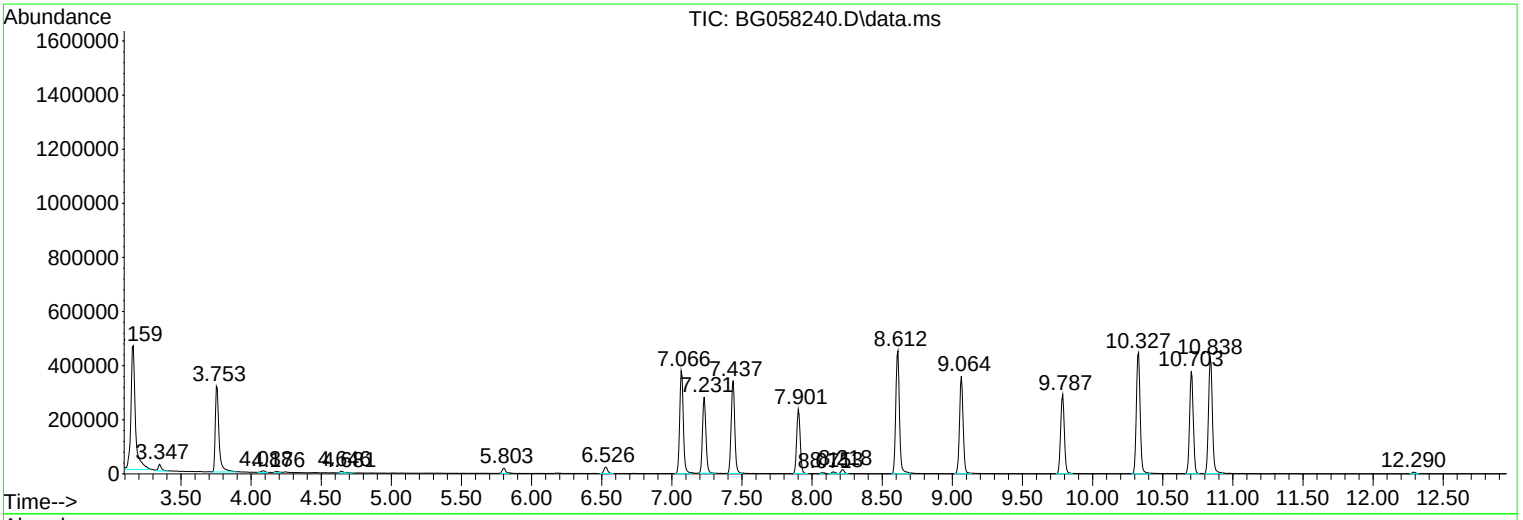
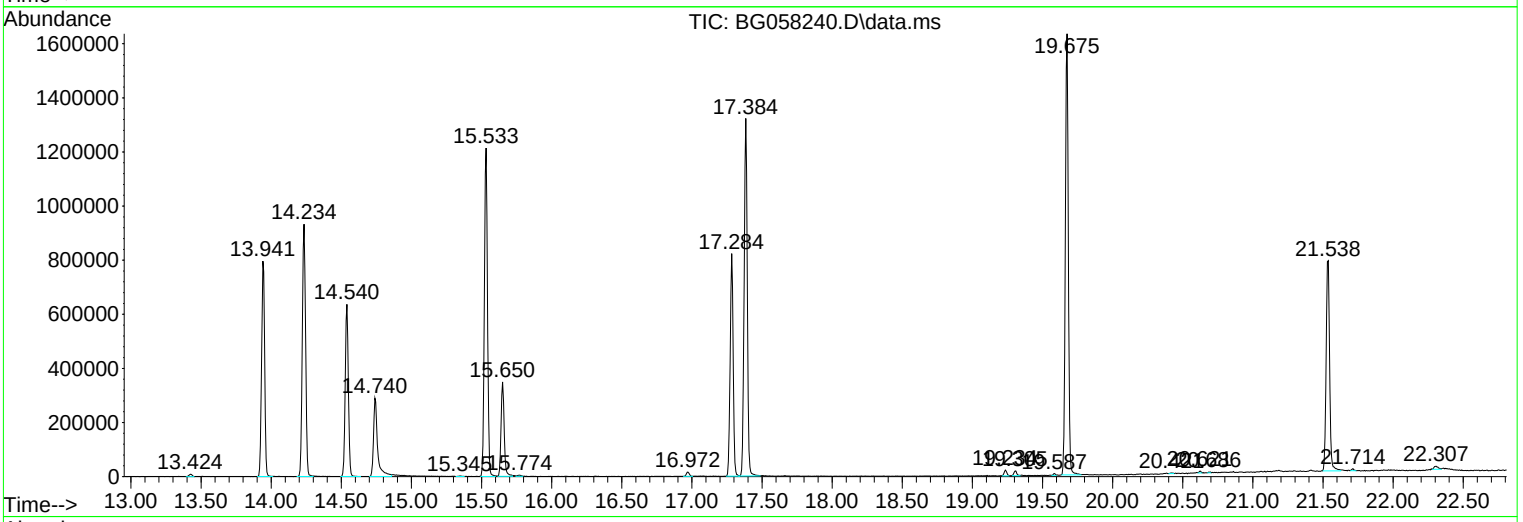
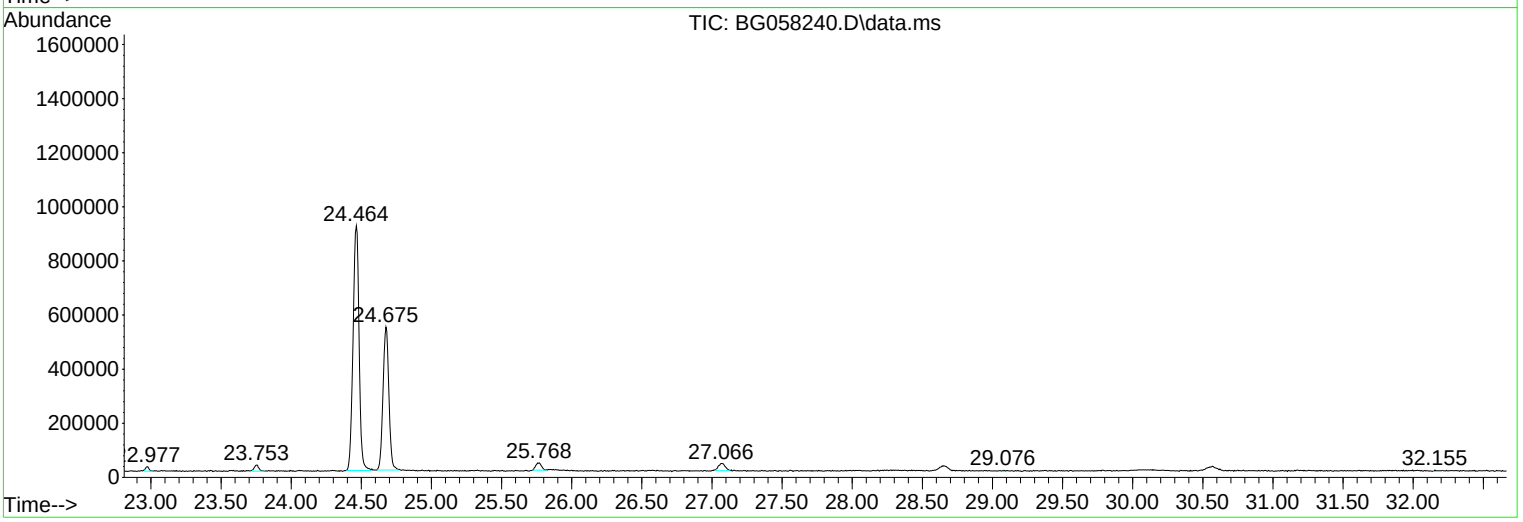
ClientSampleId :
SBLK013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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







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Operator : CG/JU
Sample : PB154013BL
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

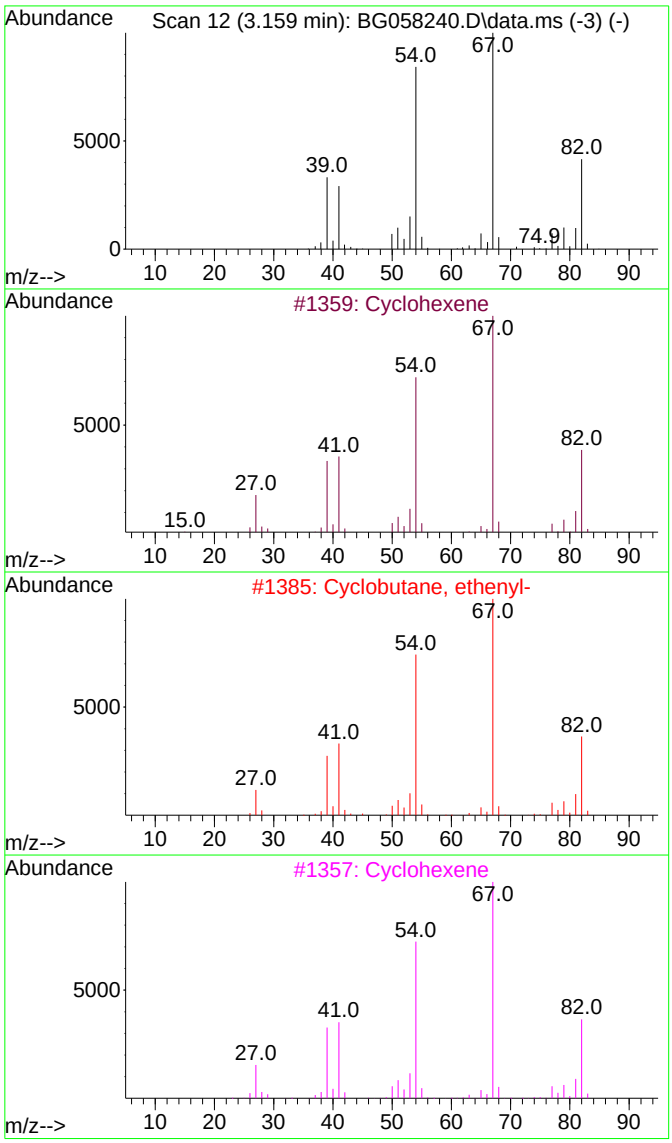
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

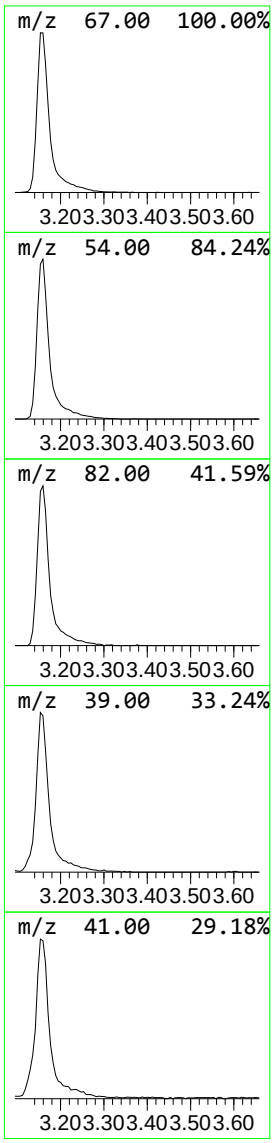
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.159	49.04 ng/ul	1005360	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	94
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Cyclohexene	82	C6H10	000110-83-8	91
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	91





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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

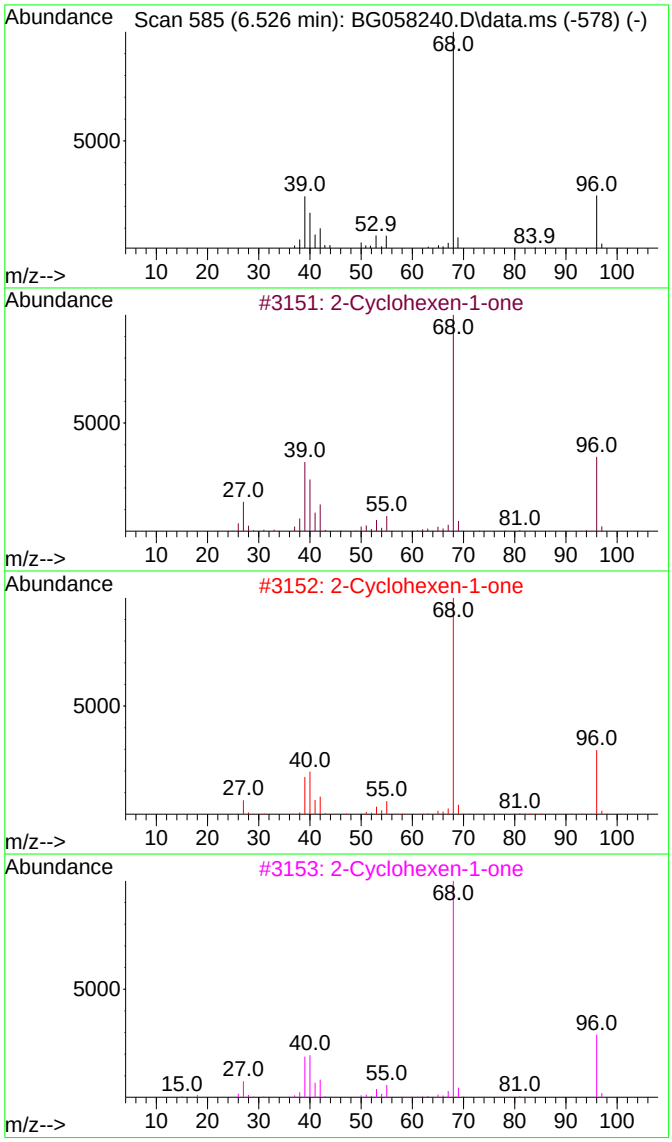
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

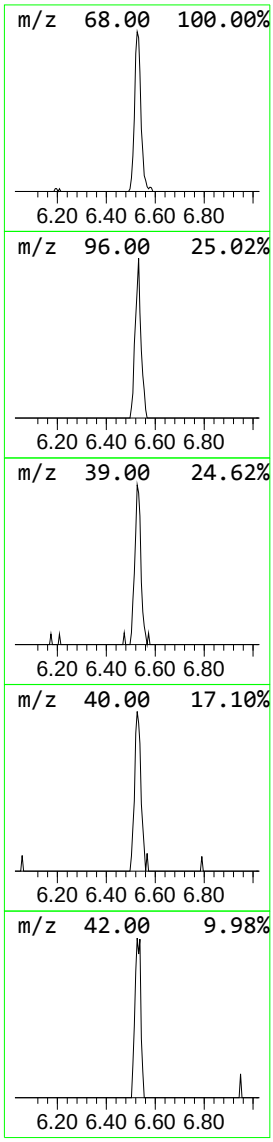
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.526	2.13 ng/ul	43679	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	90
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	90
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	90
5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	45





Tentatively Identified Compound (LSC) summary

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ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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	3.159	49.0	ng/ul	1005360	1	7.901	409979	20.0
2-Cyclohexen-1-one	6.526	2.1	ng/ul	43679	1	7.901	409979	20.0