LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043525.D
Acq On : 22 Dec 2023 05:11
Operator : MA/JU
Sample : 05894-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3N6

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	28	32	40	rVB	46944	63355	0.40%	0.092%
2	3.804	101	105	121	rBV	140743	272756	1.72%	0.397%
3	4.022	138	142	147	rVB2	17931	29098	0.18%	0.042%
4	4.122	155	159	165	rVB2	20323	29782	0.19%	0.043%
5	4.569	233	235	240	rVB4	11903	16406	0.10%	0.024%
6	5.263	349	353	358	rVB3	18907	29611	0.19%	0.043%
7	7.128	664	670	681	rVB	187856	306747	1.93%	0.447%
8	7.310	694	701	712	rBV	916013	1467764	9.23%	2.137%
9	7.498	726	733	743	rVB	786351	1286072	8.09%	1.872%
10	7.969	806	813	822	rBV	714935	1162950	7.31%	1.693%
11	8.681	926	934	944	rBV	571942	925947	5.82%	1.348%
12	9.145	1005	1013	1025	rBV	1062700	1789273	11.25%	2.605%
13	9.863	1127	1135	1145	rBV	771475	1284924	8.08%	1.870%
14	10.398	1218	1226	1242	rBV	1048638	1837900	11.56%	2.675%
15	10.781	1281	1291	1302	rBV	960678	1651599	10.39%	2.404%
16	10.922	1308	1315	1328	rBV	1022219	1823890	11.47%	2.655%
17	12.369	1557	1561	1567	rBV2	18770	32689	0.21%	0.048%
18	13.504	1749	1754	1759	rBV	20936	32985	0.21%	0.048%
19	14.021	1836	1842	1849	rBV	2146770	2987709	18.79%	4.349%
20	14.298	1882	1889	1900	rBV	2415669	3572560	22.47%	5.200%
21	14.504	1919	1924	1929	rVB3	18284	25378	0.16%	0.037%
22	14.604	1931	1941	1953	rBV	1328679	2005050	12.61%	2.919%
23	14.810	1970	1976	1988	rBV	116701	234282	1.47%	0.341%
24	15.021	2006	2012	2020	rVB	6985	20476	0.13%	0.030%
25	15.451	2081	2085	2092	rVB	22454	31428	0.20%	0.046%
26	15.598	2099	2110	2124	rBV	3075097	4458134	28.04%	6.490%
27	15.715	2124	2130	2144	rVV	978391	1361613	8.56%	1.982%
28	15.839	2146	2151	2161	rVB10	17719	42202	0.27%	0.061%
29	16.315	2227	2232	2239	rBV2	20383	32311	0.20%	0.047%
30	17.104	2362	2366	2370	rBV	16686	23459	0.15%	0.034%
31	17.174	2370	2378	2395	rVV	10833470	15899265	100.00%	23.144%
32	17.309	2397	2401	2402	rVV3	32521	45205	0.28%	0.066%
33	17.351	2402	2408	2418	rVV	1534980	2262295	14.23%	3.293%
34	17.445	2418	2424	2439	rVB	3481210	5062109	31.84%	7.369%
35	17.851	2489	2493	2497	rBV2	15219	19522	0.12%	0.028%
36	18.245	2557	2560	2564	rVB4	26339	35827	0.23%	0.052%

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Title : SVOA CALIBRATION

37	18.545	2608	2611	2615	rVB3	14184	17428	0.11%	0.025%
38	18.604	2615	2621	2622	rBV5	7734	16290	0.10%	0.024%
39	19.209	2720	2724	2730	rVB	98637	135423	0.85%	0.197%
40	19.303	2734	2740	2744	rBV2	37225	58075	0.37%	0.085%
41	19.374	2748	2752	2756	rBV	34937	45585	0.29%	0.066%
42	19.521	2773	2777	2782	rBV6	21800	35981	0.23%	0.052%
43	19.733	2807	2813	2820	rBV	4187599	5511701	34.67%	8.023%
44	21.450	3102	3105	3110	rBV2	53939	68025	0.43%	0.099%
45	21.527	3113	3118	3127	rVB	1590151	2098212	13.20%	3.054%
46	21.633	3132	3136	3142	rVV	200889	245010	1.54%	0.357%
47	23.786	3494	3502	3512	rVB2	2912166	5638600	35.46%	8.208%
48	23.938	3522	3528	3542	rVB	1113707	2303298	14.49%	3.353%
49	24.244	3576	3580	3592	rVB2	159710	361271	2.27%	0.526%

Sum of corrected areas: 68697472

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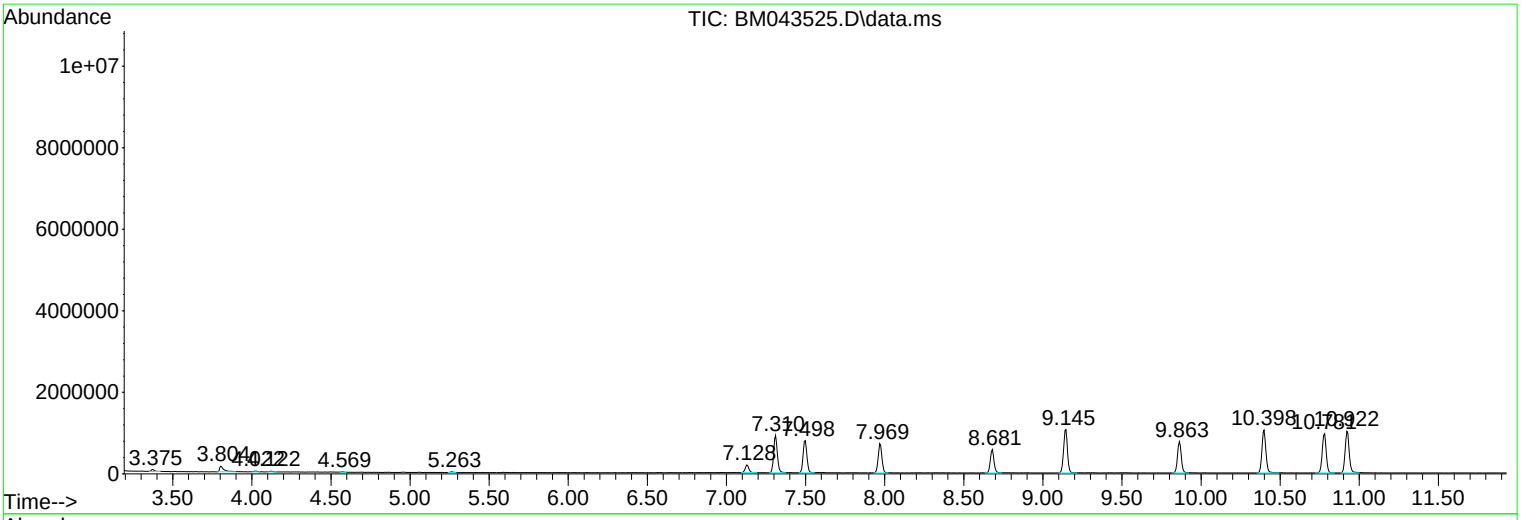
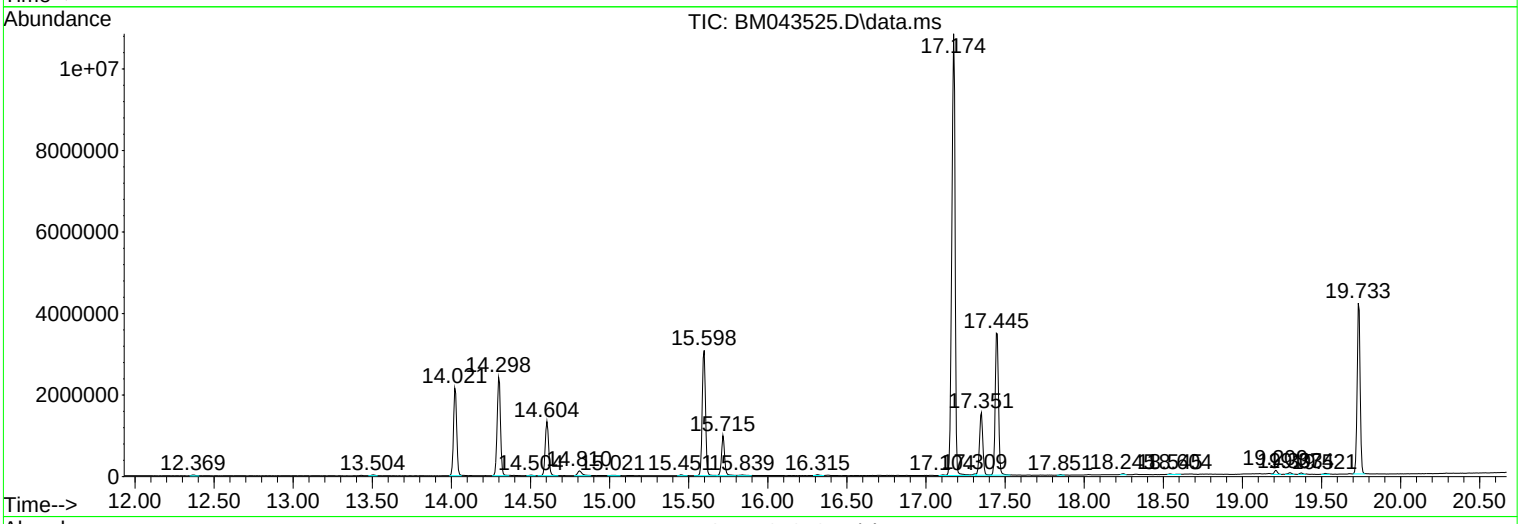
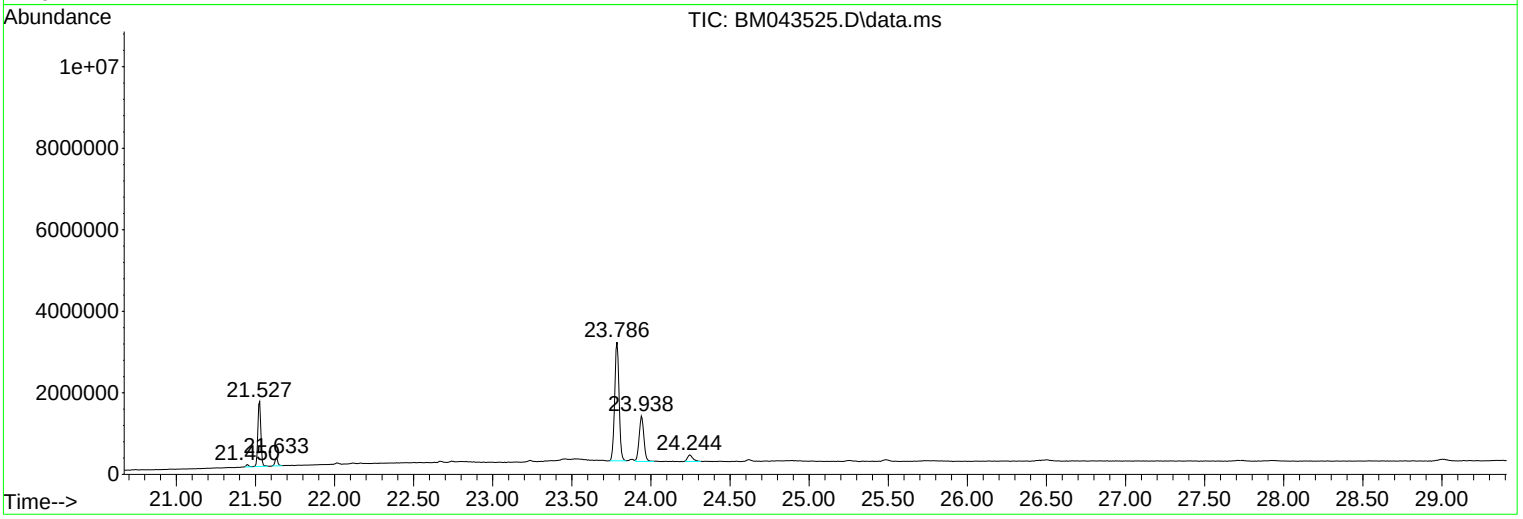
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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







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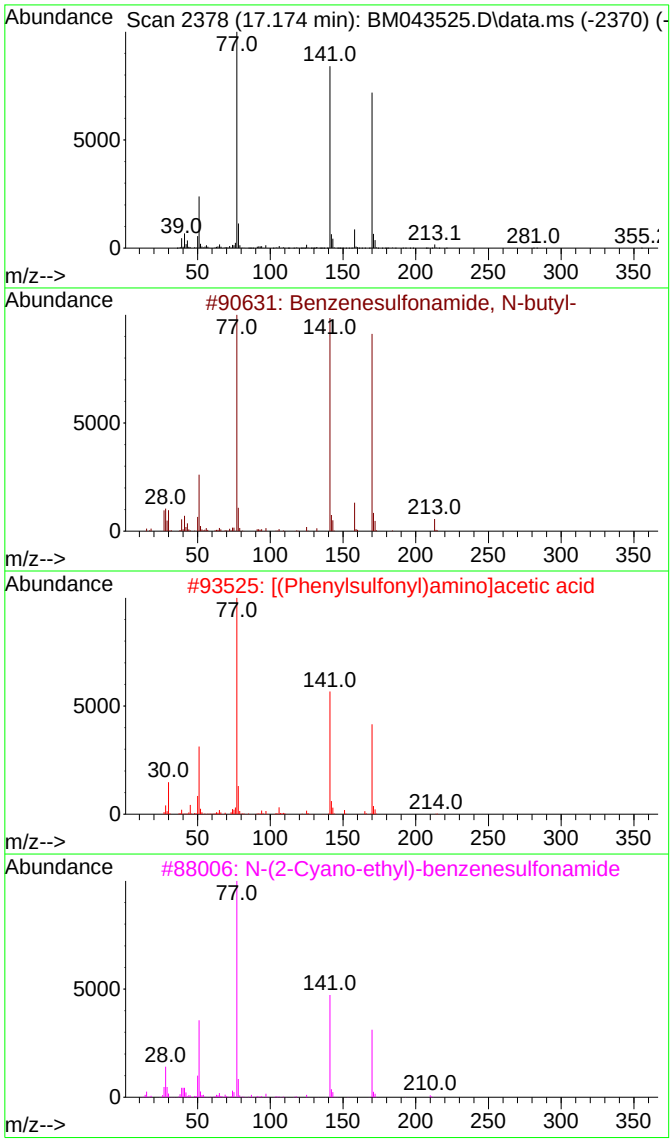
Quant Title : SVOA CALIBRATION

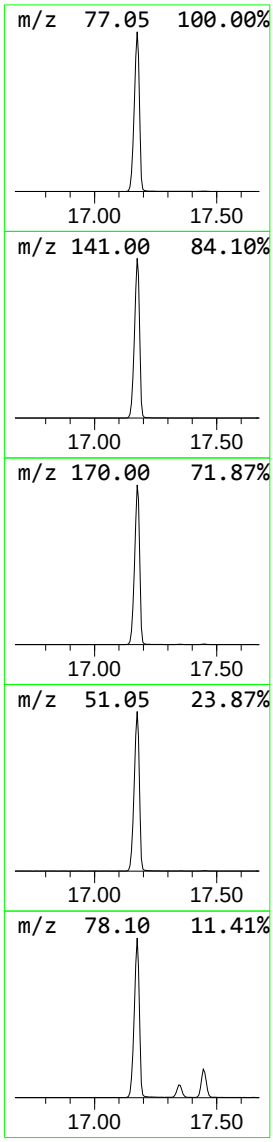
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzenesulfonamide, N-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	140.56 ng/ul	15899300	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	94
2	[(Phenylsulfonyl)amino]acetic acid	215	C8H9NO4S	005398-96-9	74
3	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	74
4	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	74
5	Benzenesulfonylamino-acetic acid...	260	C8H8N2O6S	1000301-09-0	64





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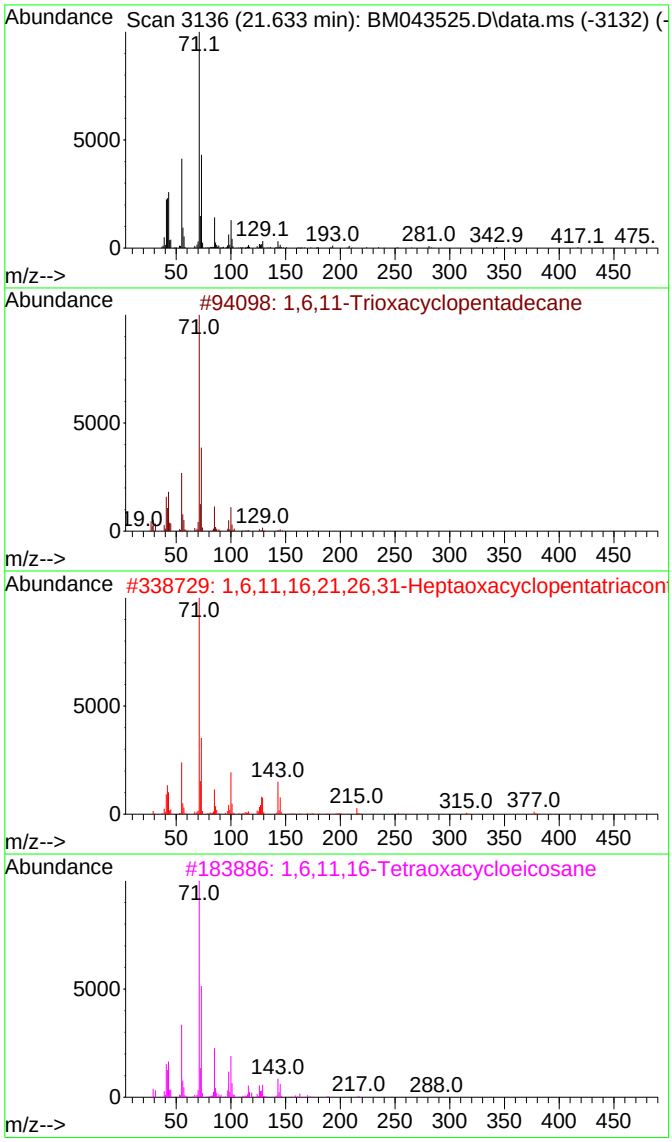
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

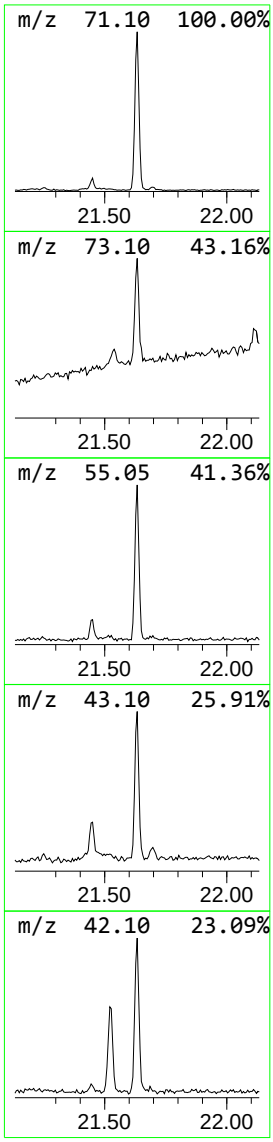
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,6,11-Trioxacyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.633	2.34 ng/ul	245010	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86
2	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	83
3	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	74
4	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	74
5	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	53





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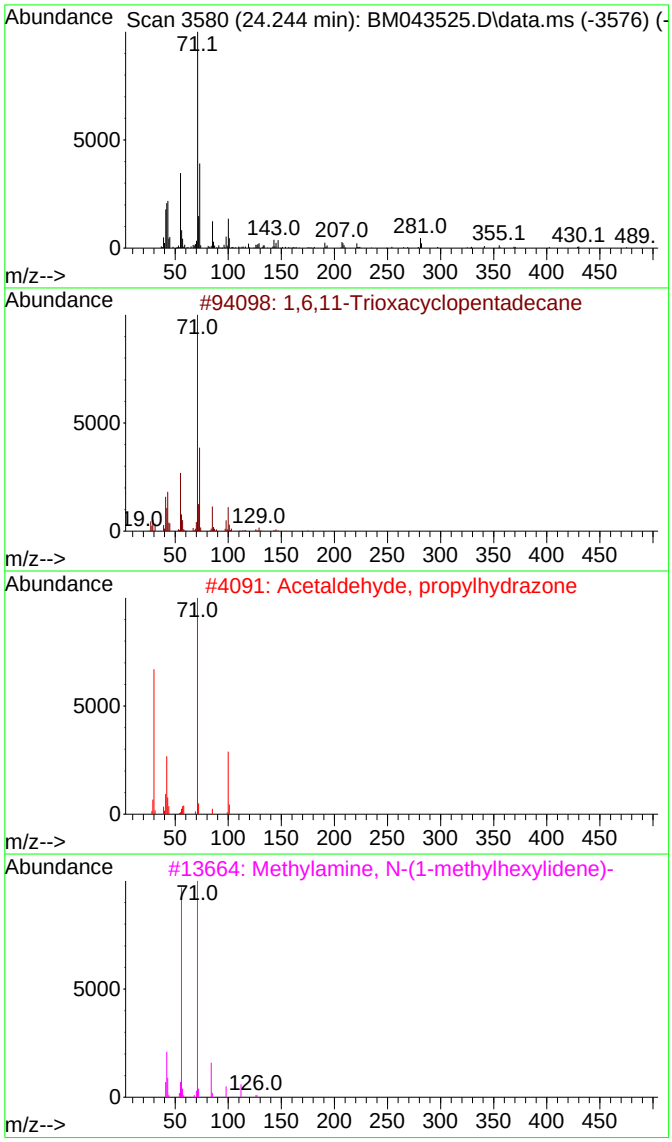
Quant Title : SVOA CALIBRATION

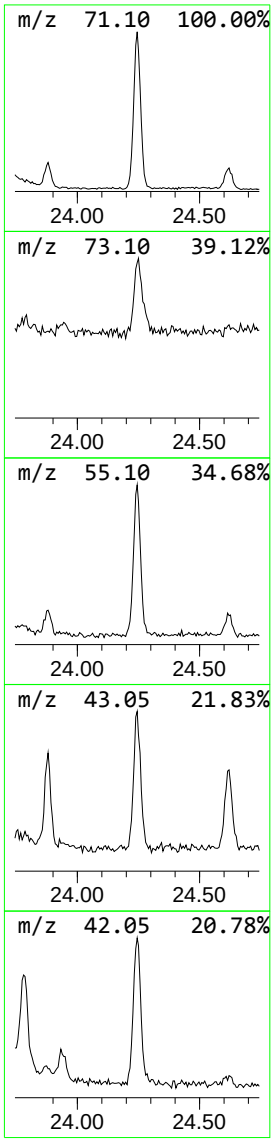
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Acetaldehyde, propylhydrazone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.244	3.14 ng/ul	361271	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	72
2	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	64
3	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	53
4	2-Tetrahydrofurfuryl isothiocyanate	143	C6H9NOS	036810-87-4	49
5	Butanal isopentyl isopropyl acetal	202	C12H26O2	1000431-61-0	47





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
Benzenesulfonam...	17.174	140.6	ng/ul	15899300	4	17.351	2262300	20.0
1,6,11-Trioxacy...	21.633	2.3	ng/ul	245010	5	21.527	2098210	20.0
Acetaldehyde, p...	24.244	3.1	ng/ul	361271	6	23.939	2303300	20.0