LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043528.D
Acq On : 22 Dec 2023 06:59
Operator : MA/JU
Sample : 05912-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3L4

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: BM043528.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	41	rBV	50337	73145	0.50%	0.103%
2	3.805	102	105	118	rBV	149003	278698	1.90%	0.392%
3	4.022	139	142	147	rVB	19761	27528	0.19%	0.039%
4	4.122	155	159	164	rVB	18814	24205	0.16%	0.034%
5	4.569	231	235	240	rBV3	24259	33591	0.23%	0.047%
6	4.957	297	301	304	rVB4	13566	16834	0.11%	0.024%
7	7.128	664	670	679	rVB	215425	354850	2.41%	0.499%
8	7.310	694	701	712	rBV	920032	1492567	10.16%	2.100%
9	7.498	726	733	743	rBV	842273	1367439	9.30%	1.924%
10	7.969	805	813	821	rBV	811064	1318324	8.97%	1.855%
11	8.681	926	934	946	rBV	587101	960707	6.54%	1.352%
12	9.145	1004	1013	1024	rBV	1070998	1826513	12.43%	2.570%
13	9.863	1128	1135	1145	rBV	793097	1317720	8.97%	1.854%
14	10.398	1218	1226	1240	rBV	1068869	1858633	12.65%	2.615%
15	10.781	1283	1291	1301	rVB	1089796	1856372	12.63%	2.612%
16	10.922	1307	1315	1328	rBV	929877	1673080	11.38%	2.354%
17	12.369	1556	1561	1566	rBV3	17923	30291	0.21%	0.043%
18	13.504	1748	1754	1761	rVB2	22270	39965	0.27%	0.056%
19	14.022	1835	1842	1854	rBV	2112251	3003179	20.44%	4.225%
20	14.298	1878	1889	1899	rBV	2406264	3512456	23.90%	4.941%
21	14.604	1934	1941	1952	rBV	1531555	2262964	15.40%	3.184%
22	14.810	1969	1976	1989	rBV	156306	308252	2.10%	0.434%
23	15.598	2100	2110	2123	rBV	3168355	4482777	30.50%	6.307%
24	15.716	2124	2130	2143	rVV	1018731	1413317	9.62%	1.988%
25	15.839	2147	2151	2157	rVB6	15062	25481	0.17%	0.036%
26	16.380	2239	2243	2248	rVB7	10106	17867	0.12%	0.025%
27	17.174	2369	2378	2394	rBV	10155974	14696229	100.00%	20.675%
28	17.310	2396	2401	2402	rVV2	57285	81429	0.55%	0.115%
29	17.351	2402	2408	2418	rVV	1777853	2607612	17.74%	3.669%
30	17.451	2418	2425	2440	rVB	3584933	5111556	34.78%	7.191%
31	18.245	2556	2560	2564	rBV2	25323	36192	0.25%	0.051%
32	19.215	2720	2725	2731	rBV	192078	249074	1.69%	0.350%
33	19.298	2733	2739	2745	rBV5	37490	66021	0.45%	0.093%
34	19.374	2747	2752	2756	rBV	38903	56968	0.39%	0.080%
35	19.521	2774	2777	2781	rBV6	16639	21676	0.15%	0.030%
36	19.680	2800	2804	2807	rBV4	16683	21641	0.15%	0.030%

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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

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Title : SVOA CALIBRATION

37	19.739	2807	2814	2821	rVV	4044103	5558854	37.83%	7.820%
38	21.521	3112	3117	3125	rBV	1796929	2459222	16.73%	3.460%
39	21.633	3132	3136	3142	rBV	389014	457898	3.12%	0.644%
40	23.444	3441	3444	3452	rVB	148381	235634	1.60%	0.332%
41	23.786	3494	3502	3512	rVB2	3011370	5734147	39.02%	8.067%
42	23.939	3522	3528	3537	rVB	1343125	2587141	17.60%	3.640%
43	24.250	3576	3581	3596	rVB3	318911	983865	6.69%	1.384%
44	25.262	3747	3753	3761	rVB4	202056	539218	3.67%	0.759%

Sum of corrected areas: 71081132

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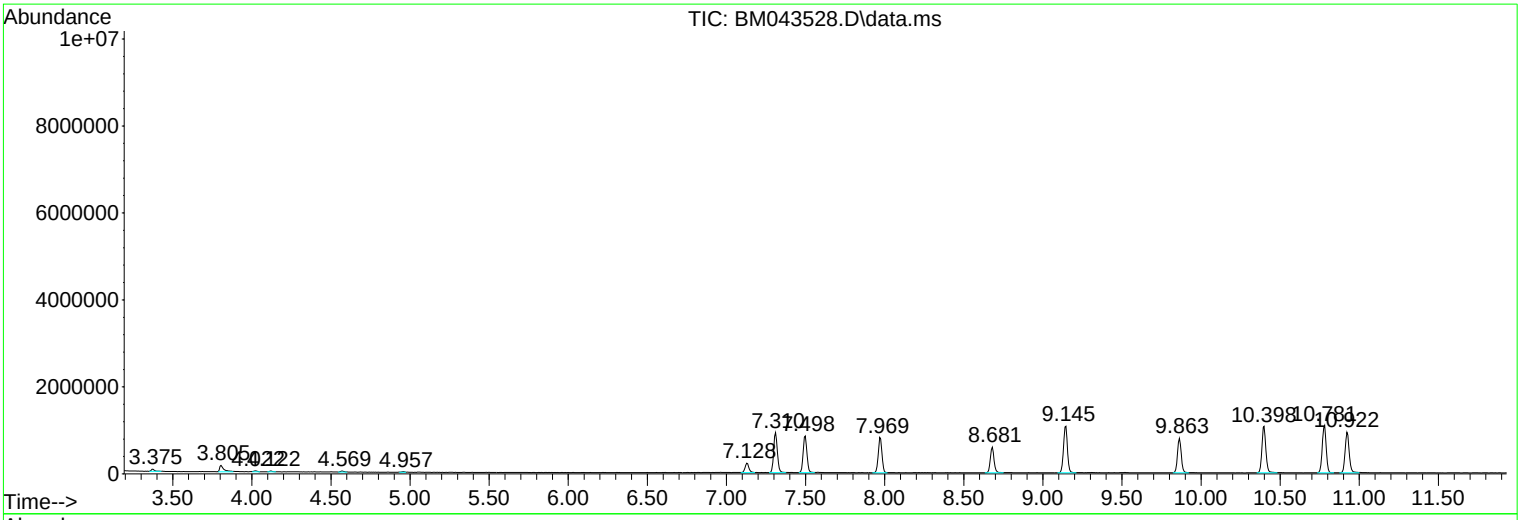
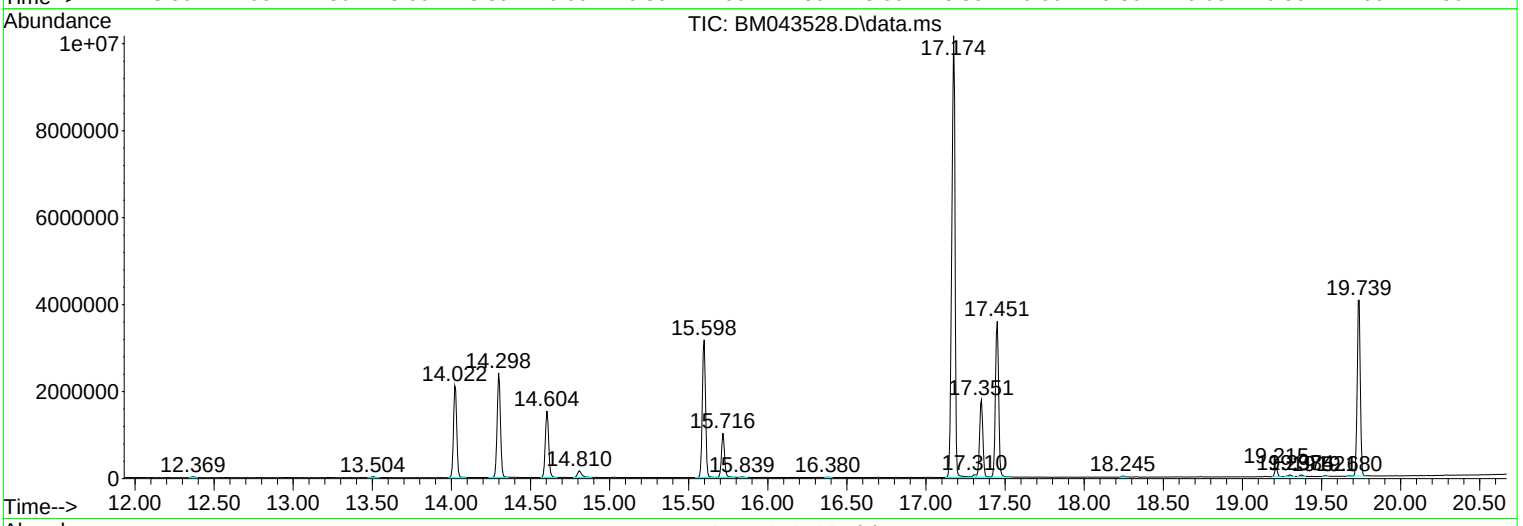
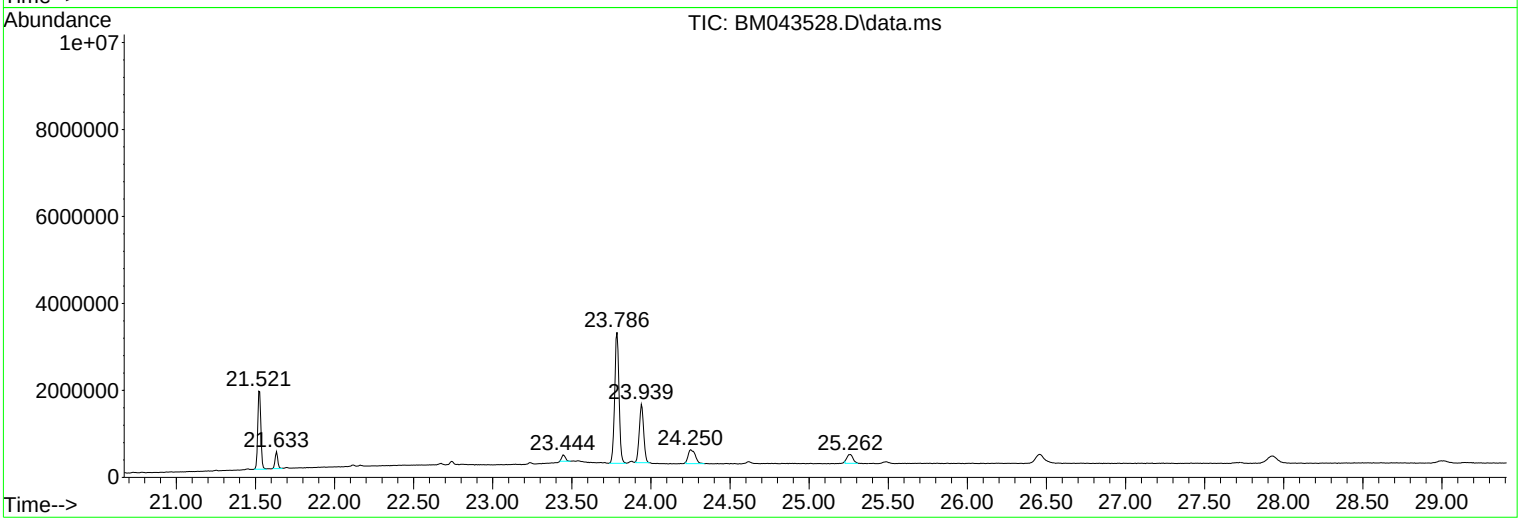
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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







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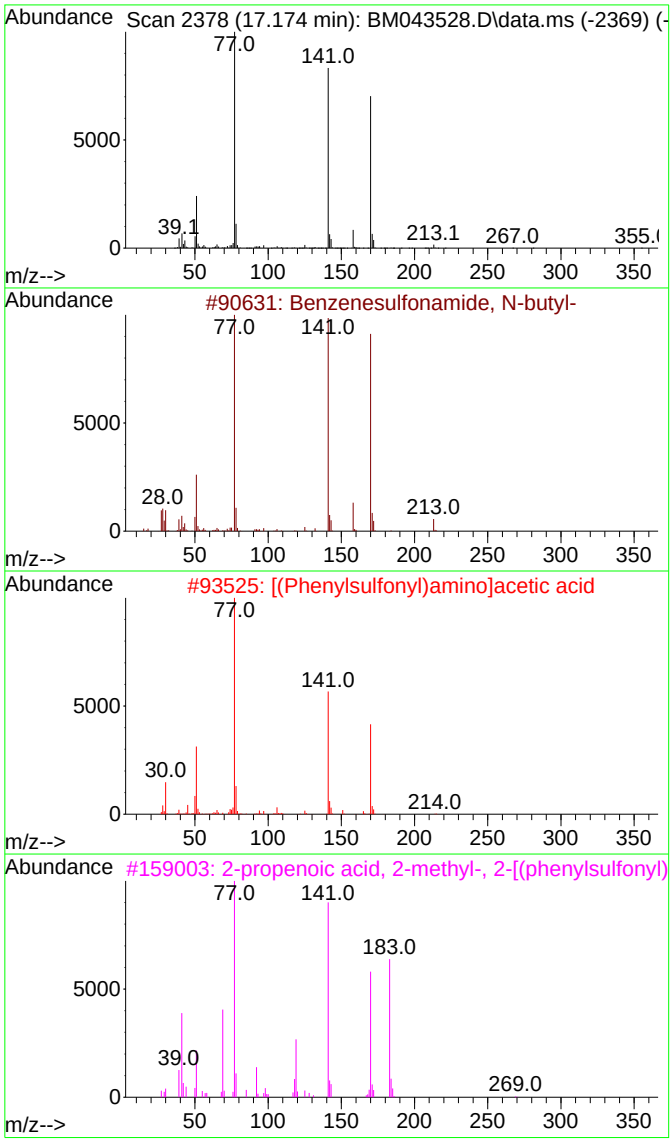
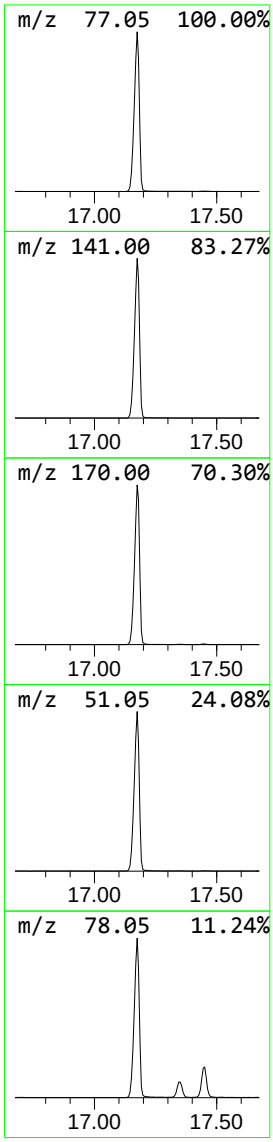
****
Peak Number 1 Benzenesulfonamide, N-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	112.72 ng/ul	14696200	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	83
3	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	74
4	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	74
5	Benzenesulfonylamino-acetic acid...	260	C8H8N2O6S	1000301-09-0	64





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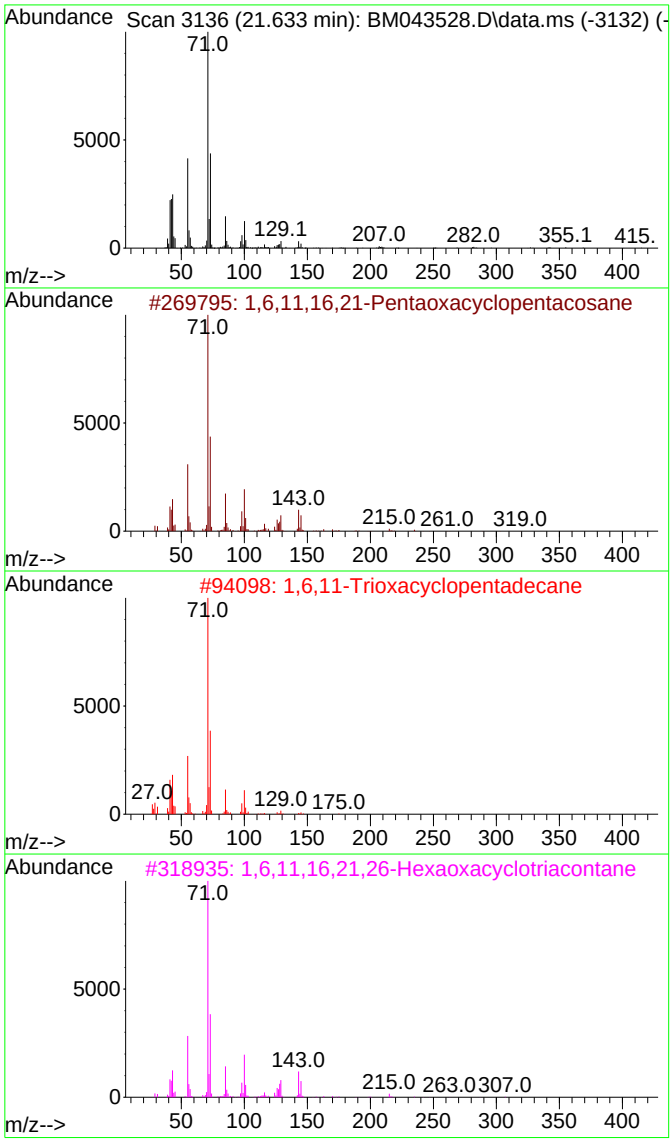
Quant Title : SVOA CALIBRATION

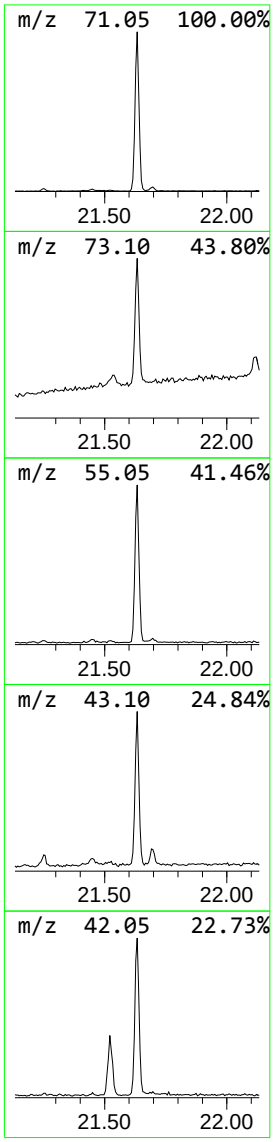
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,6,11,16,21-Pentaoxacyclop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.633	3.72 ng/ul	457898	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	86
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	80
3	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	72
4	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	53
5	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	47





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

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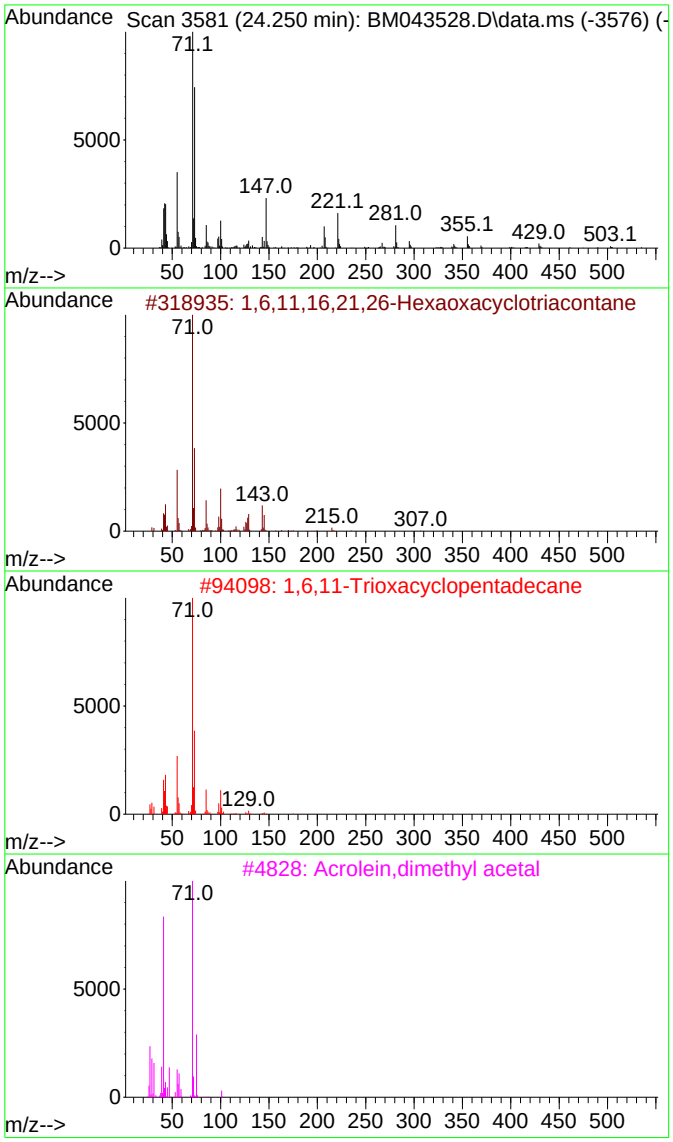
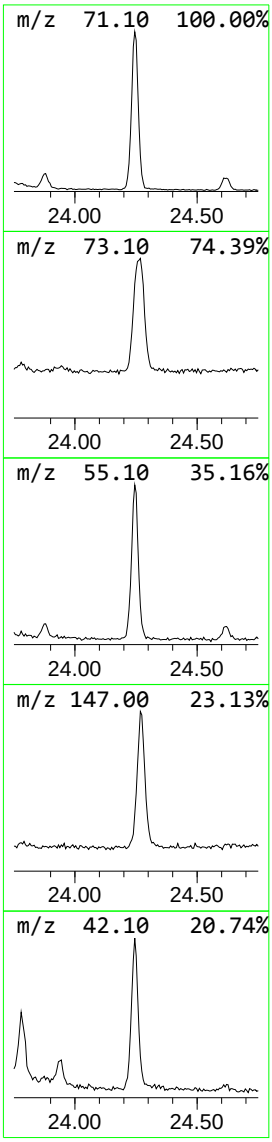
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,6,11,16,21,26-Hexaoxacycl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.250	7.61 ng/ul	983865	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	52
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	52
3	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	43
4	Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	43
5	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	43





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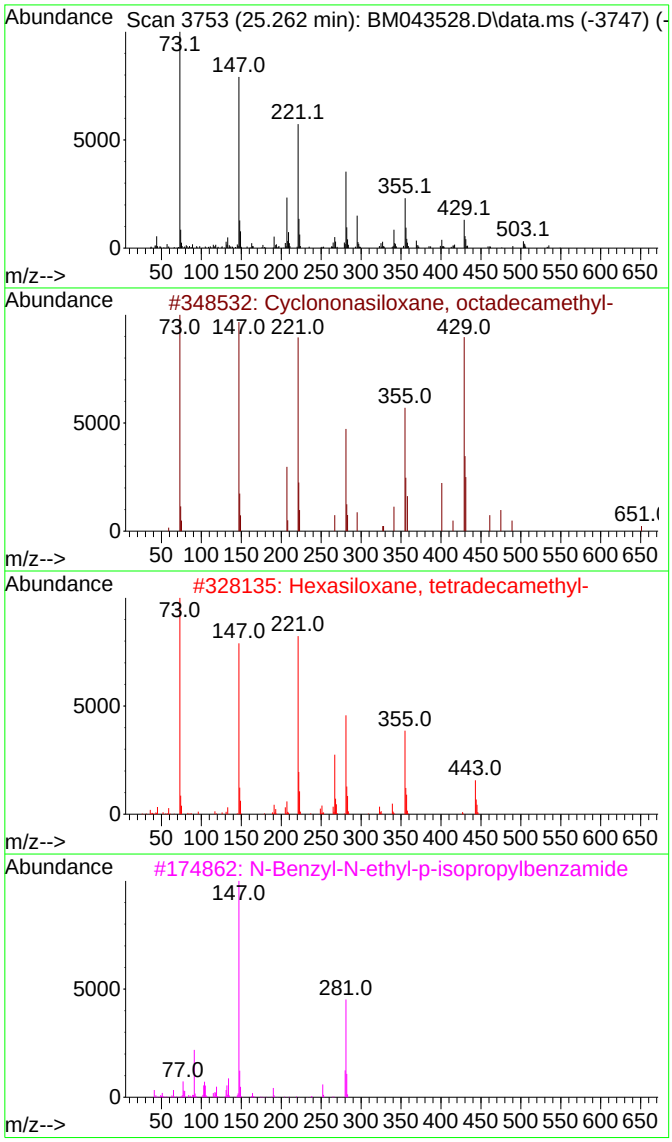
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

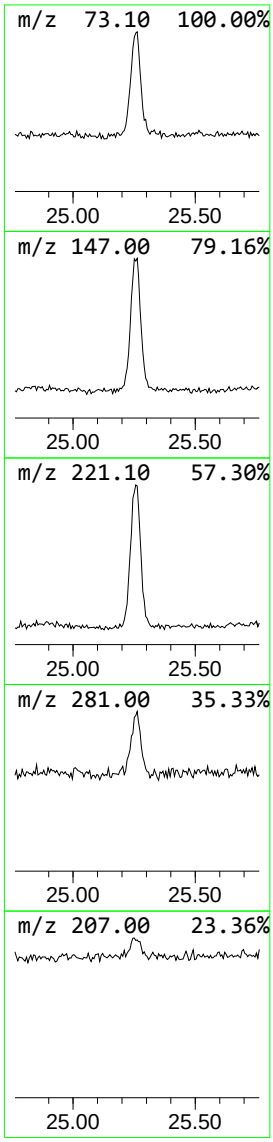
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.262	4.17 ng/ul	539218	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	64
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	43
4	2-[(3-Nitrobenzoyl)amino]benzoic...	430	C20H26N2O5Si2	1000474-80-8	35
5	Oxalic acid, 2TMS derivative	234	C8H18O4Si2	018294-04-7	27





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	112.7	ng/ul	14696200	4	17.351	2607610	20.0
1,6,11,16,21-Pe...	21.633	3.7	ng/ul	457898	5	21.521	2459220	20.0
1,6,11,16,21,26...	24.250	7.6	ng/ul	983865	6	23.939	2587140	20.0
Cyclononasiloxa...	25.262	4.2	ng/ul	539218	6	23.939	2587140	20.0