LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018976.D
Acq On : 20 Dec 2023 23:59
Operator : MA/JU
Sample : 05894-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH3L5

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018976.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	26	rBV	152346	186703	1.90%	0.400%
2	3.252	26	28	32	rVB	29621	29340	0.30%	0.063%
3	3.675	96	100	111	rBV	161451	245945	2.51%	0.527%
4	3.905	134	139	143	rVB	8365	12716	0.13%	0.027%
5	3.999	151	155	162	rVB	12765	18121	0.18%	0.039%
6	4.446	227	231	239	rVB2	12762	20668	0.21%	0.044%
7	5.128	341	347	357	rBV	193914	290991	2.97%	0.623%
8	6.999	659	665	674	rVB	99128	160237	1.63%	0.343%
9	7.163	686	693	703	rVB	464944	729427	7.43%	1.563%
10	7.352	718	725	734	rBV	424167	681456	6.94%	1.460%
11	7.822	798	805	816	rBV	480175	760881	7.75%	1.630%
12	8.175	858	865	871	rVB2	16457	28593	0.29%	0.061%
13	8.540	920	927	938	rBV	306275	491378	5.01%	1.053%
14	8.987	995	1003	1017	rBV	544828	876822	8.93%	1.878%
15	9.704	1117	1125	1137	rBV	435145	700187	7.13%	1.500%
16	10.246	1209	1217	1232	rBV	607201	1058392	10.79%	2.267%
17	10.616	1273	1280	1287	rBV	574374	959706	9.78%	2.056%
18	10.763	1297	1305	1318	rBV	516619	873605	8.90%	1.872%
19	12.210	1545	1551	1556	rVB	11995	19041	0.19%	0.041%
20	13.363	1740	1747	1753	rVB7	9197	18958	0.19%	0.041%
21	13.875	1827	1834	1846	rBV	1289202	1790852	18.25%	3.837%
22	14.151	1871	1881	1895	rBV	1414525	2088672	21.28%	4.475%
23	14.457	1926	1933	1943	rBV	827157	1275376	13.00%	2.732%
24	14.681	1966	1971	1984	rBV	64606	129994	1.32%	0.278%
25	15.451	2095	2102	2115	rBV	1974573	2754102	28.06%	5.900%
26	15.575	2117	2123	2135	rVV	582931	819486	8.35%	1.756%
27	15.692	2139	2143	2147	rVB6	7953	13602	0.14%	0.029%
28	16.233	2233	2235	2241	rVB6	8038	11846	0.12%	0.025%
29	16.422	2259	2267	2270	rVB9	5420	11865	0.12%	0.025%
30	17.039	2362	2372	2376	rBV	6039516	9813438	100.00%	21.023%
31	17.169	2390	2394	2396	rBV3	31253	44749	0.46%	0.096%
32	17.210	2396	2401	2411	rVB	1005933	1457783	14.85%	3.123%
33	17.310	2411	2418	2428	rBV	2178781	3141140	32.01%	6.729%
34	18.098	2548	2552	2560	rBV2	74192	108438	1.10%	0.232%
35	19.033	2707	2711	2716	rVB	130315	152291	1.55%	0.326%
36	19.122	2723	2726	2732	rVB	37436	47149	0.48%	0.101%

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Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

37	19.192	2734	2738	2741	rBV	32306	47799	0.49%	0.102%
38	19.333	2759	2762	2768	rBV4	37099	53865	0.55%	0.115%
39	19.545	2792	2798	2805	rBV	3123495	4105183	41.83%	8.794%
40	21.016	3046	3048	3054	rVB4	73860	78383	0.80%	0.168%
41	21.298	3091	3096	3103	rBV	1655097	2035497	20.74%	4.361%
42	21.392	3108	3112	3117	rVV	345533	404590	4.12%	0.867%
43	23.510	3465	3472	3485	rVB2	2724632	5258343	53.58%	11.265%
44	23.657	3491	3497	3507	rVB	1139386	2299631	23.43%	4.926%
45	23.921	3538	3542	3550	rVB	325435	571965	5.83%	1.225%

Sum of corrected areas: 46679206

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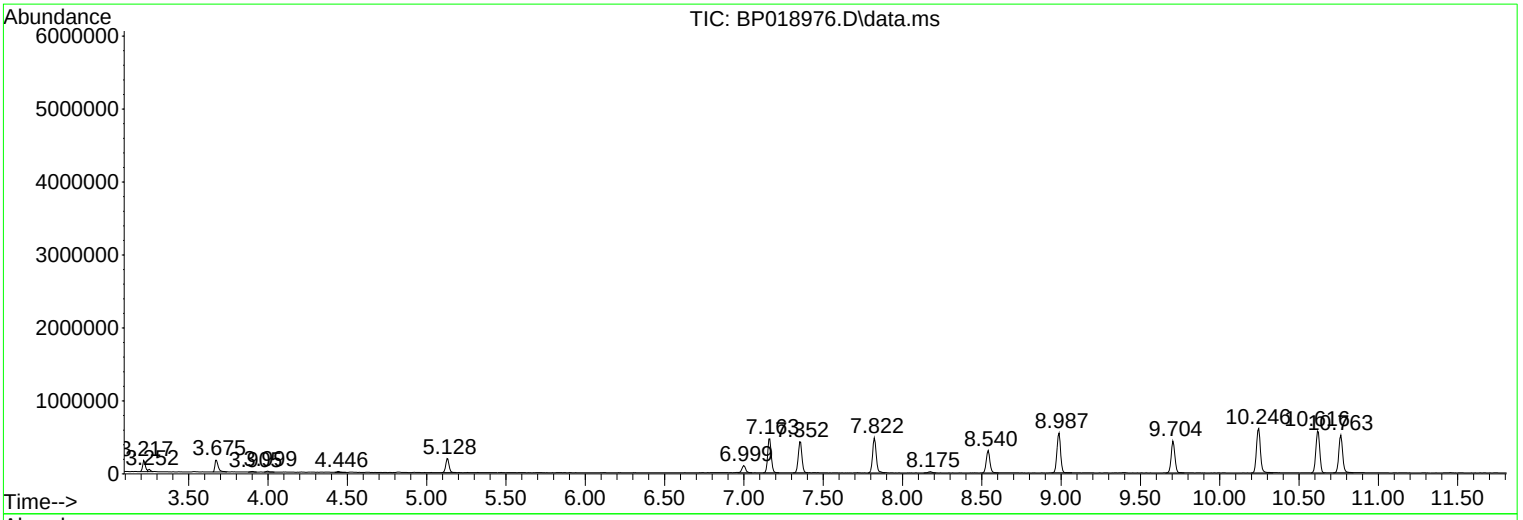
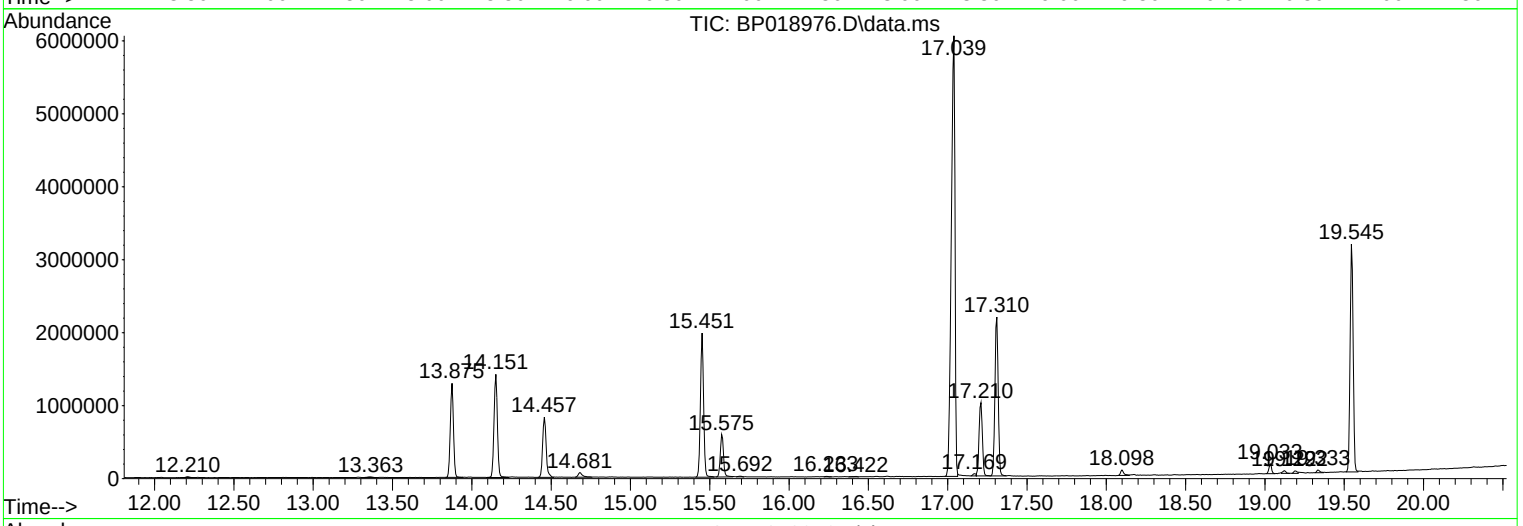
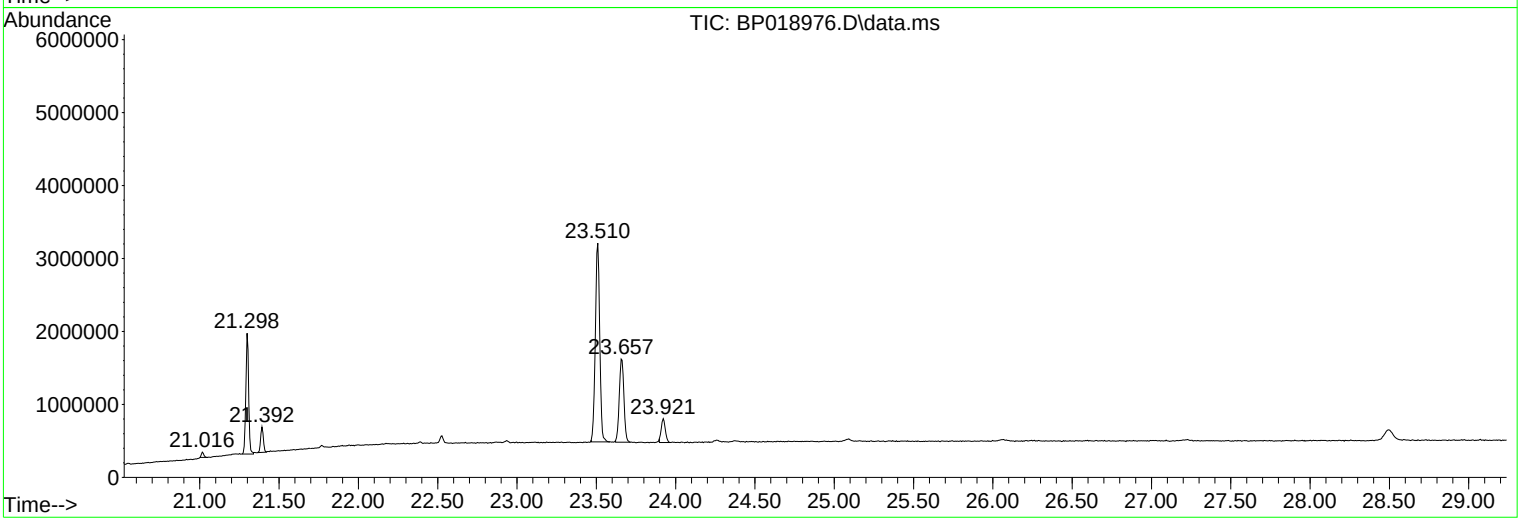
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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







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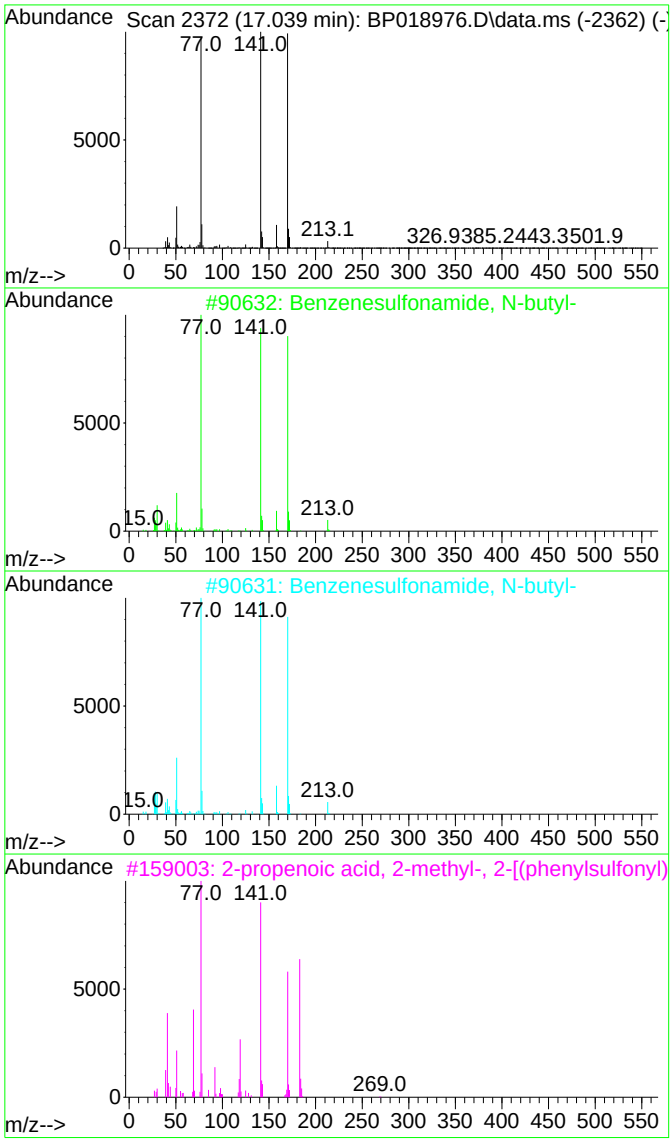
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

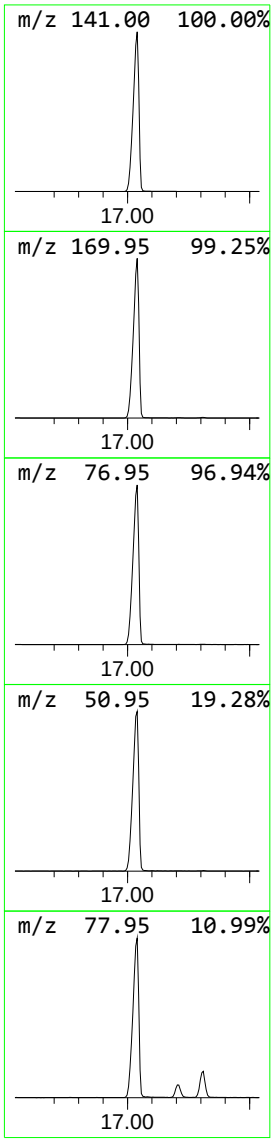
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzenesulfonamide, N-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	134.63 ng/ul	9813440	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	70
3	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	64
4	N-(2-Pyrazinyl)benzenesulfonamide	235	C10H9N3O2S	007471-20-7	47
5	Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	40





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BNA_P
ClientSampleId :
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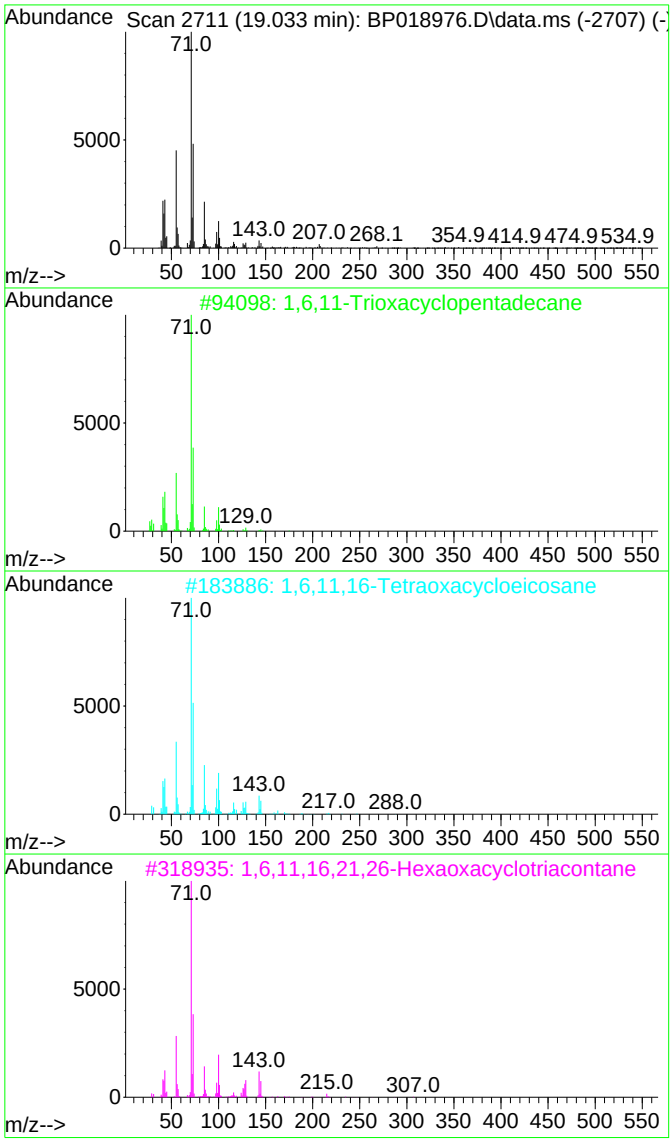
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

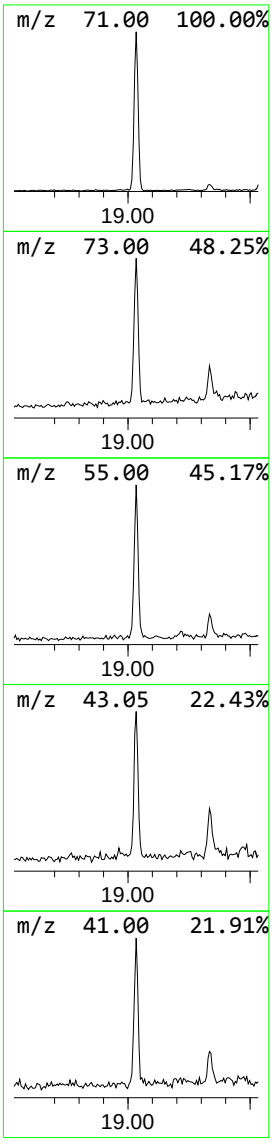
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,6,11-Trioxacyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	2.09 ng/ul	152291	Phenanthrene-d10	17.210

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-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	86
3	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	83
4	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	78
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64





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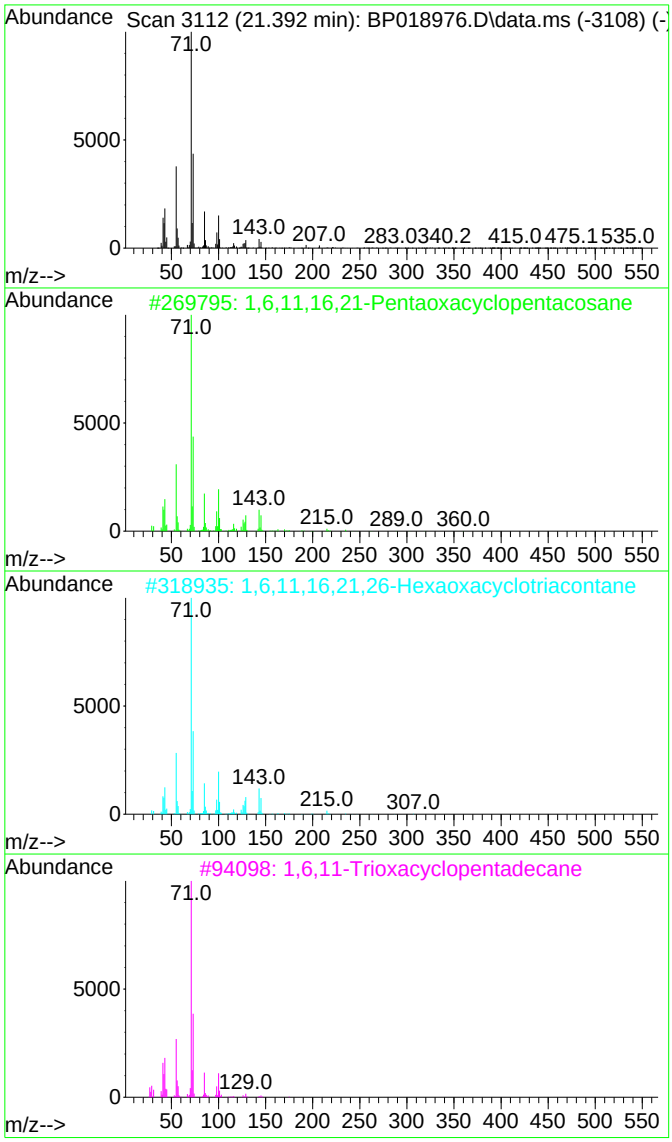
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

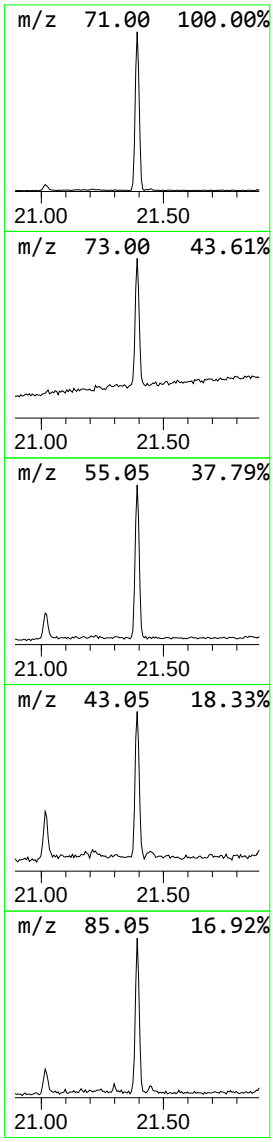
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	3.98 ng/ul	404590	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	91
2	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	91
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	90
4	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	72
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64





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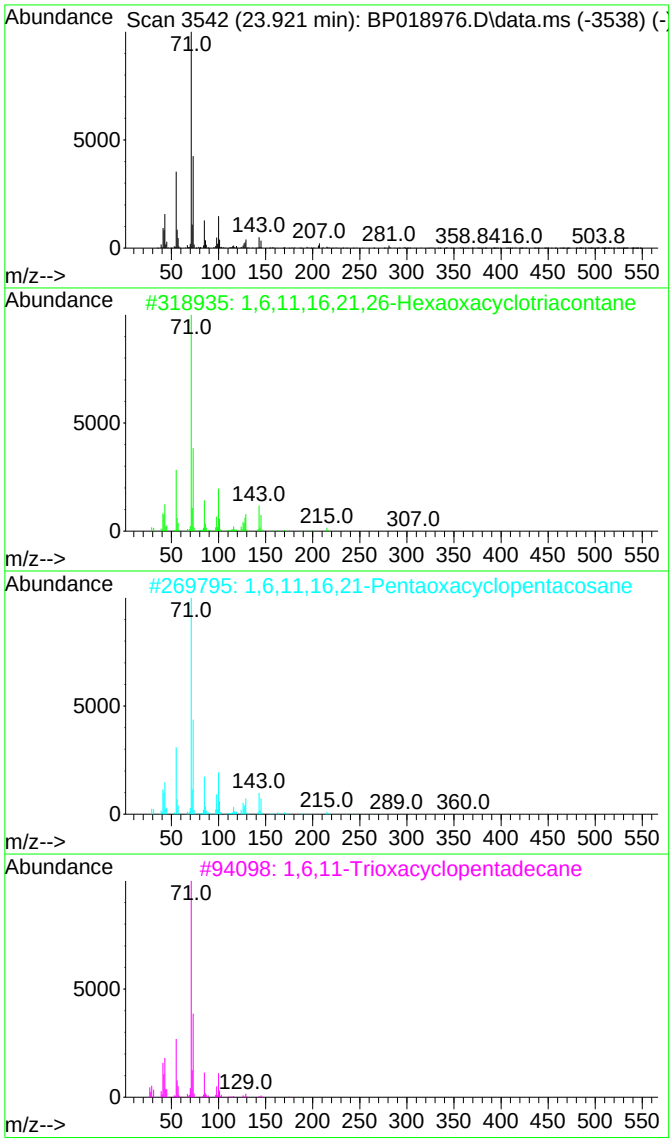
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

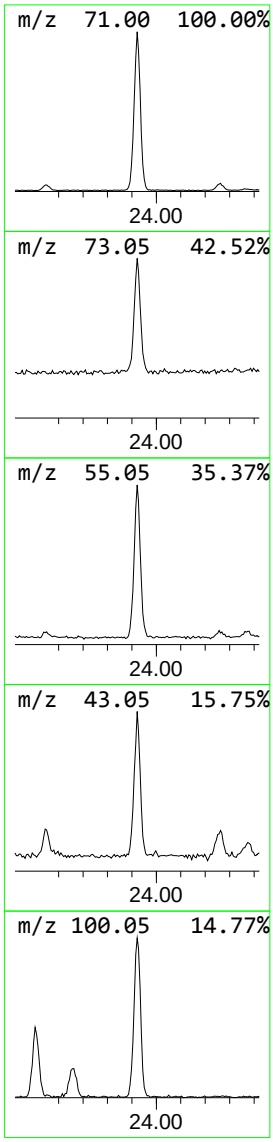
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,6,11,16,21,26-Hexaoxacycl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.921	4.97 ng/ul	571965	Perylene-d12	23.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	87
2	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	86
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	80
4	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50
5	2-Undecen-4-ol	170	C11H22O	022381-86-8	50





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...	17.039	134.6	ng/ul	9813440	4	17.210	1457780	20.0
1,6,11-Trioxacy...	19.033	2.1	ng/ul	152291	4	17.210	1457780	20.0
1,6,11,16,21-Pe...	21.392	4.0	ng/ul	404590	5	21.298	2035500	20.0
1,6,11,16,21,26...	23.921	5.0	ng/ul	571965	6	23.657	2299630	20.0