

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019152.D
 Acq On : 29 Dec 2023 07:17
 Operator : MA/JU
 Sample : 06021-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH7Z4

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-BP122723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP019152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	15	19	23	rBV	237206	293956	0.20%	0.119%
2	3.652	93	96	114	rBV	351976	525028	0.36%	0.213%
3	4.422	222	227	236	rVB	211406	272952	0.19%	0.111%
4	6.981	655	662	674	rVB	261230	419535	0.29%	0.171%
5	7.140	683	689	703	rVB	912124	1423849	0.98%	0.579%
6	7.334	715	722	733	rBV	896525	1380613	0.95%	0.561%
7	7.805	793	802	809	rBV	720403	1147066	0.79%	0.466%
8	8.522	917	924	937	rBV	702622	1139710	0.79%	0.463%
9	8.963	990	999	1008	rBV	989856	1621727	1.12%	0.659%
10	9.687	1112	1122	1136	rBV	800511	1282542	0.88%	0.521%
11	10.222	1202	1213	1234	rBV	1204502	2027761	1.40%	0.824%
12	10.599	1269	1277	1292	rBV	937283	1560034	1.07%	0.634%
13	10.746	1294	1302	1318	rBV	1080113	1866349	1.29%	0.759%
14	11.446	1410	1421	1429	rBV2	55922	146433	0.10%	0.060%
15	13.351	1736	1745	1752	rBV	236065	384519	0.26%	0.156%
16	13.863	1825	1832	1840	rBV	2165070	2966271	2.04%	1.206%
17	14.140	1868	1879	1887	rBV	2537679	3581404	2.47%	1.456%
18	14.445	1924	1931	1944	rBV	1340940	2122949	1.46%	0.863%
19	14.669	1963	1969	1981	rBV	148106	281502	0.19%	0.114%
20	15.445	2091	2101	2111	rBV	3158072	4809227	3.31%	1.955%
21	15.569	2115	2122	2135	rBV	868327	1188474	0.82%	0.483%
22	16.551	2283	2289	2297	rBV	103561	150402	0.10%	0.061%
23	17.151	2360	2391	2394	rBV	22201953	145139979	100.00%	58.995%
24	17.204	2396	2400	2411	rVV	1550495	2447553	1.69%	0.995%
25	17.310	2411	2418	2427	rVB	3311621	4702968	3.24%	1.912%
26	17.739	2487	2491	2503	rVB	198414	290485	0.20%	0.118%
27	18.098	2545	2552	2556	rBV3	123442	241497	0.17%	0.098%
28	18.181	2562	2566	2570	rVB2	102450	149636	0.10%	0.061%
29	18.310	2583	2588	2604	rBV	242977	380567	0.26%	0.155%
30	19.033	2706	2711	2717	rBV	3673913	4451226	3.07%	1.809%
31	19.439	2776	2780	2785	rBV	183883	259185	0.18%	0.105%
32	19.551	2793	2799	2805	rVB	4475814	5980942	4.12%	2.431%
33	21.304	3092	3097	3103	rBV	2206421	2790792	1.92%	1.134%
34	21.398	3109	3113	3119	rBV	5576658	6995131	4.82%	2.843%
35	23.521	3466	3474	3488	rVB2	3640941	7134439	4.92%	2.900%
36	23.668	3493	3499	3509	rVB	1550325	3083456	2.12%	1.253%

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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_P\Methods\SFAM-EPA-BP122723.MA.M
Title : SVOA CALIBRATION

37	23.939	3538	3545	3554	rVB	5195958	10380018	7.15%	4.219%
38	28.533	4311	4326	4351	rVB	5511382	20999319	14.47%	8.536%

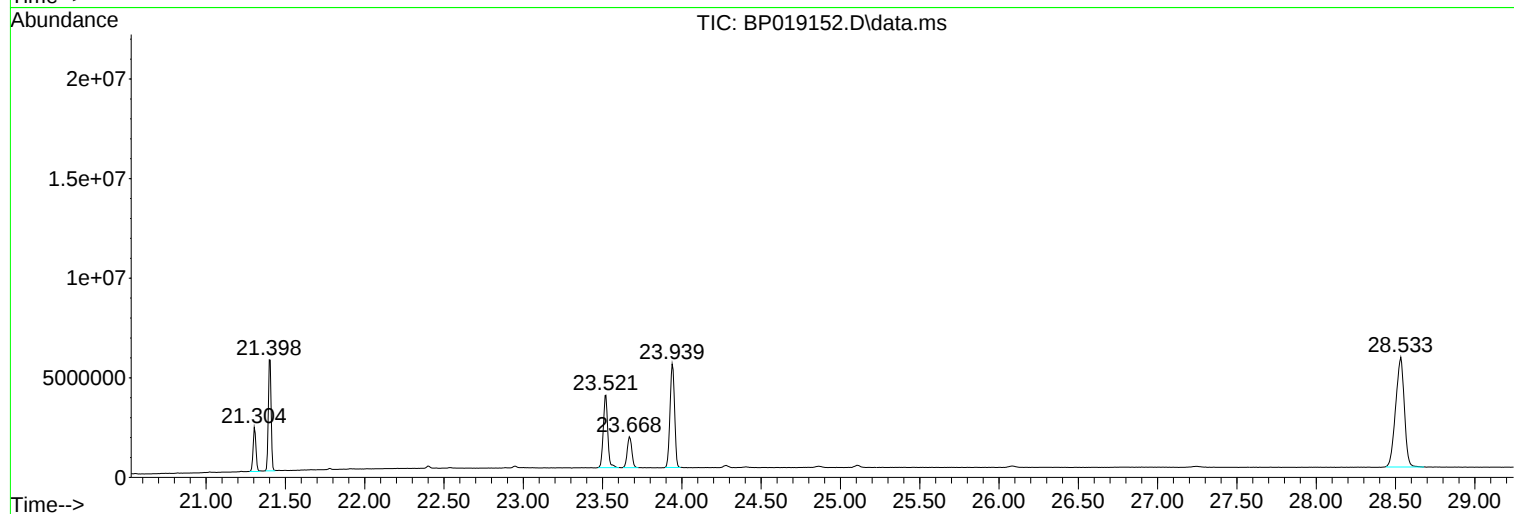
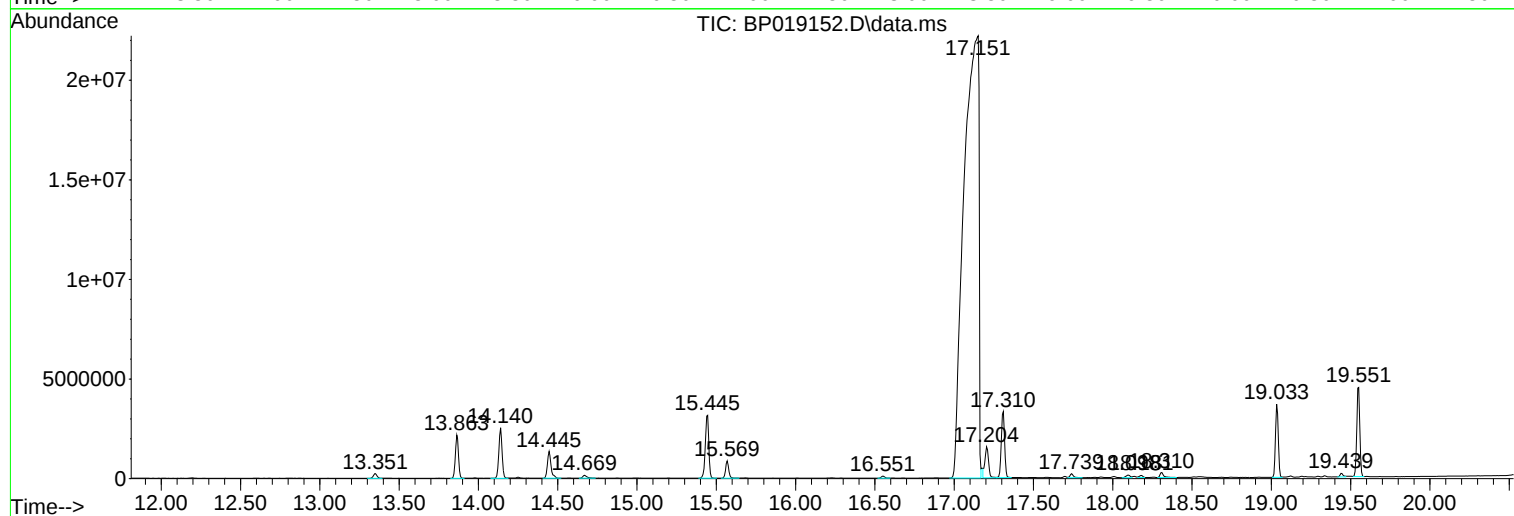
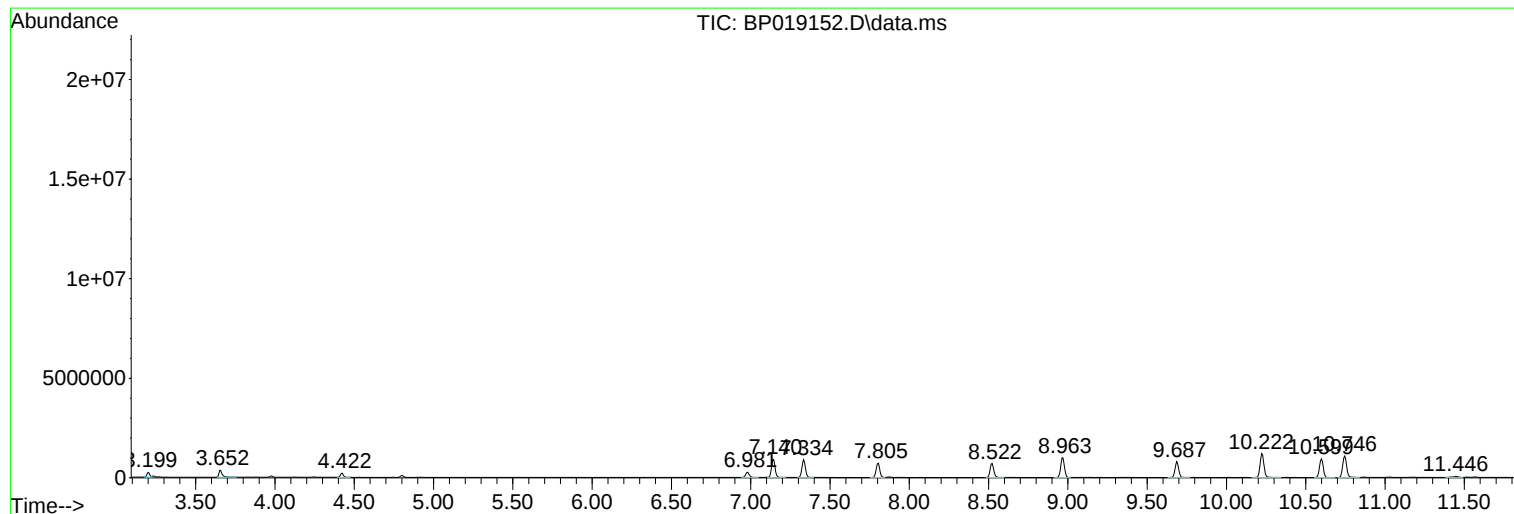
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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



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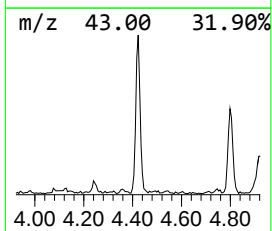
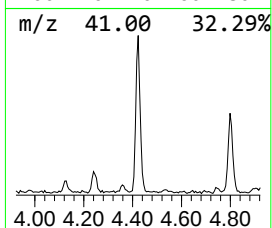
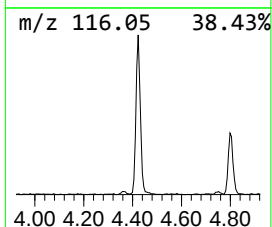
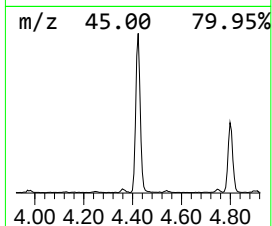
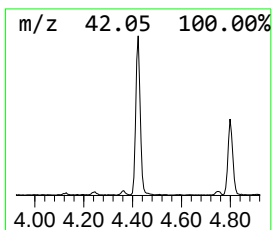
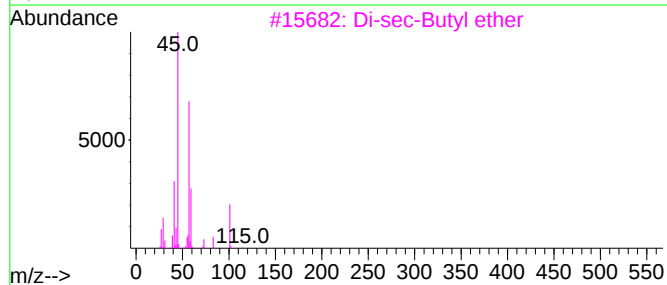
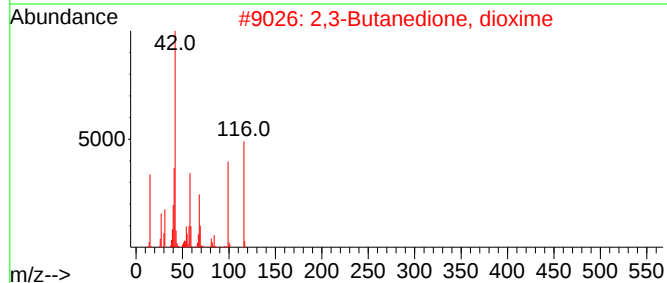
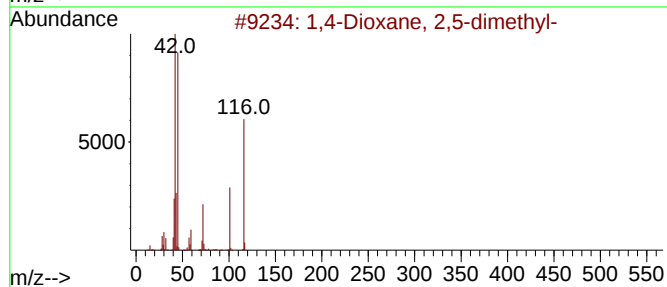
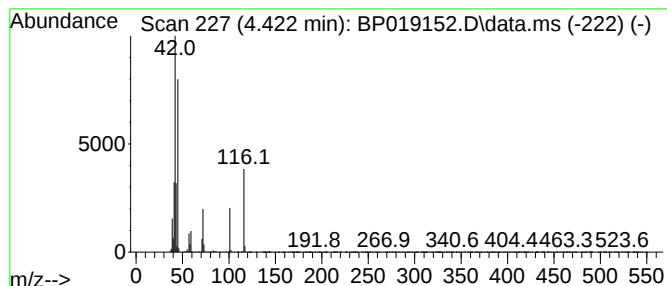
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Dioxane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.422	4.76 ng/ul	272952	1,4-Dichlorobenzene-d4	7.805

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dioxane, 2,5-dimethyl-	116	C6H12O2	015176-21-3	95
2			2,3-Butanedione, dioxime	116	C4H8N2O2	000095-45-4	23
3			Di-sec-Butyl ether	130	C8H18O	006863-58-7	17
4			Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	12
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	12



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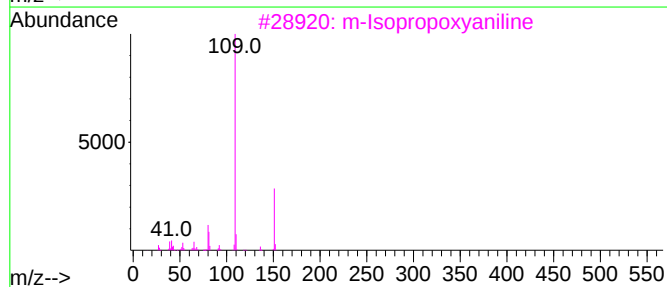
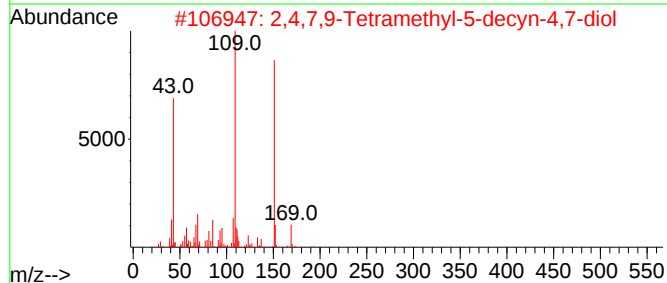
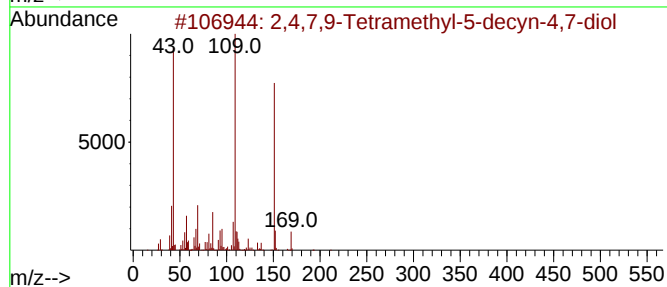
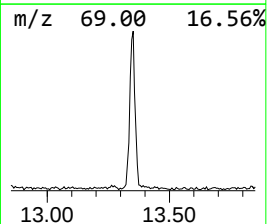
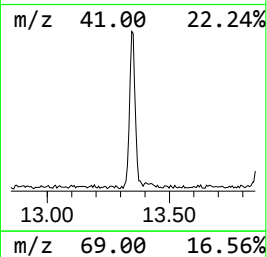
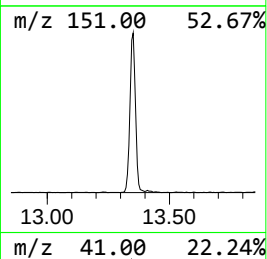
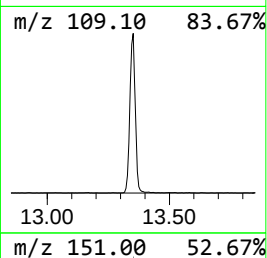
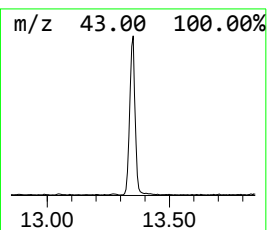
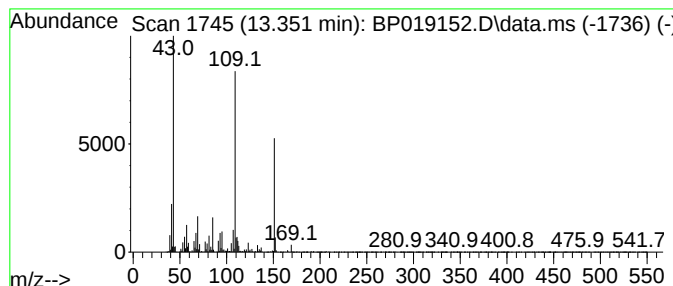
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	3.62 ng/ul	384519	Acenaphthene-d10	14.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58		
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53		
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53		
5	Acetaminophen	151	C8H9NO2	000103-90-2	53		



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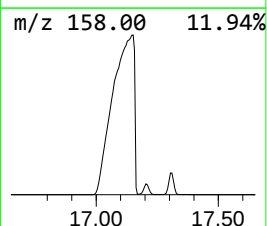
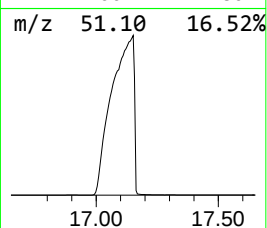
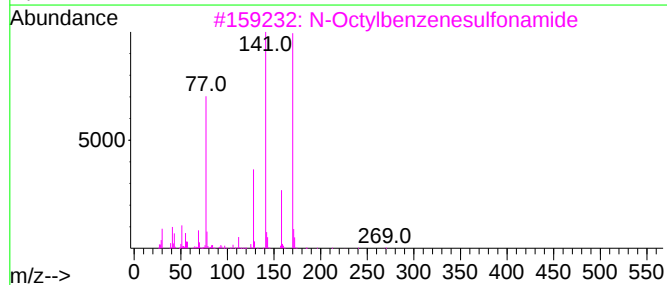
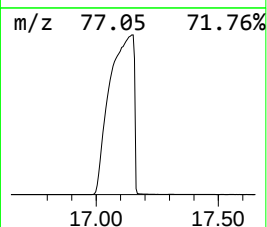
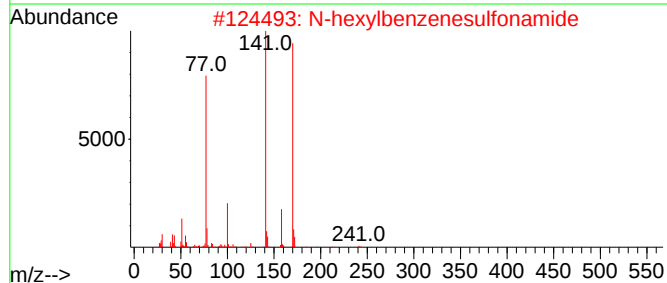
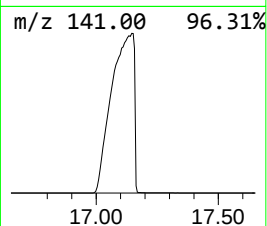
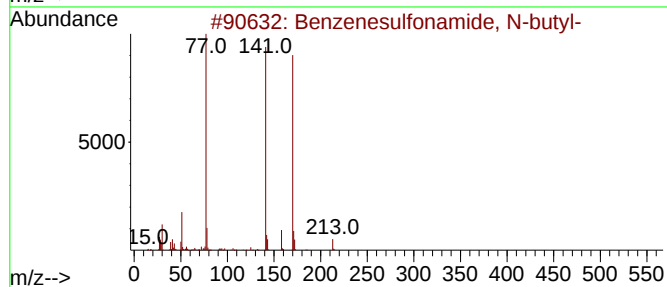
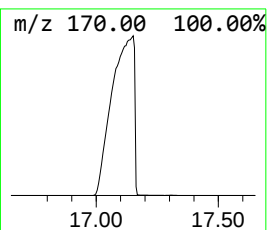
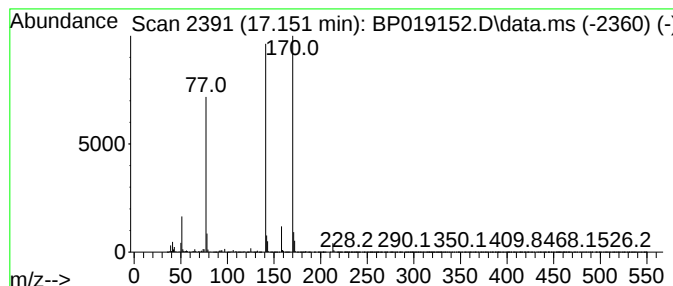
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzenesulfonamide, N-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	1186.00 ng/ul	145140000	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	94
2			N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	72
3			N-Octylbenzenesulfonamide	269	C14H23NO2S	016358-32-0	64
4			2-propenoic acid, 2-methyl-, 2-[...]	269	C12H15NO4S	1000401-71-8	59
5			Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	58



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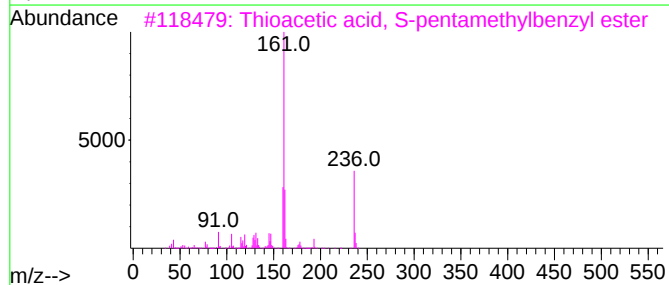
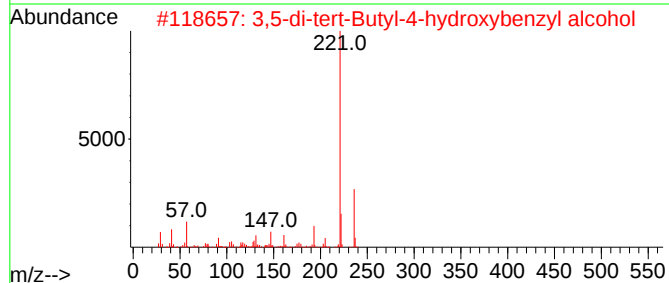
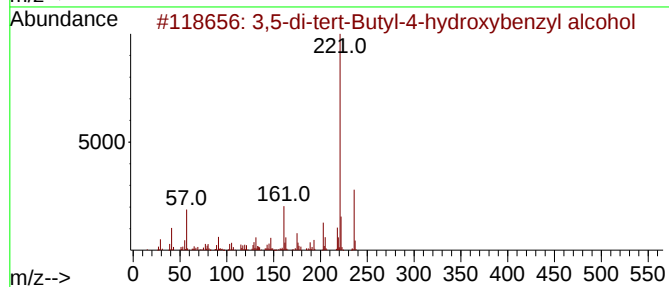
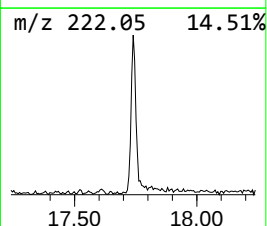
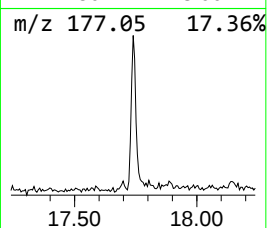
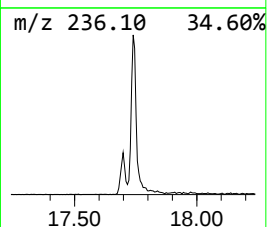
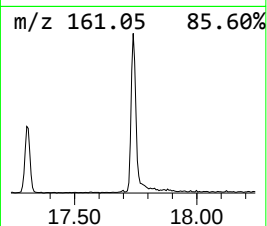
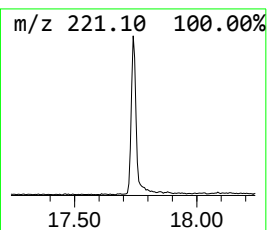
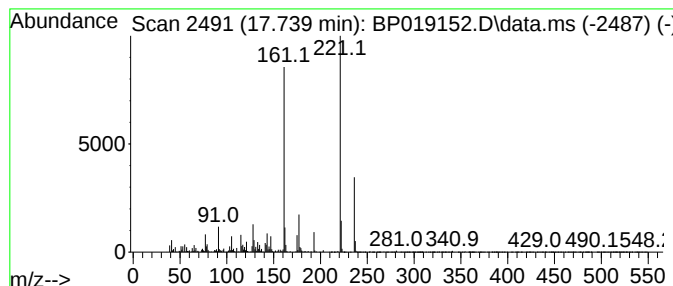
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	2.37 ng/ul	290485	Phenanthrene-d10	17.204

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	53
2			3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	49
3			Thioacetic acid, S-pentamethylbe...	236	C14H20OS	1000267-40-4	46
4			3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	43
5			Terephthalic acid, ethyl 2-(4-ni...	359	C18H17NO7	1000416-08-8	35



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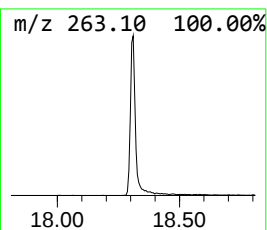
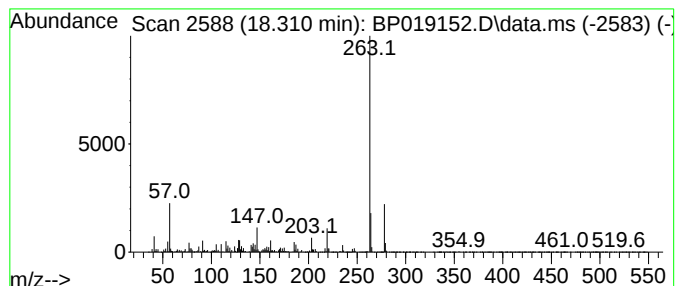
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Quant Title : SVOA CALIBRATION

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

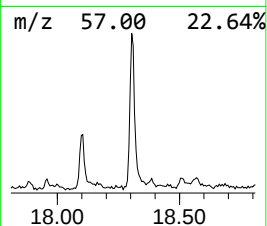
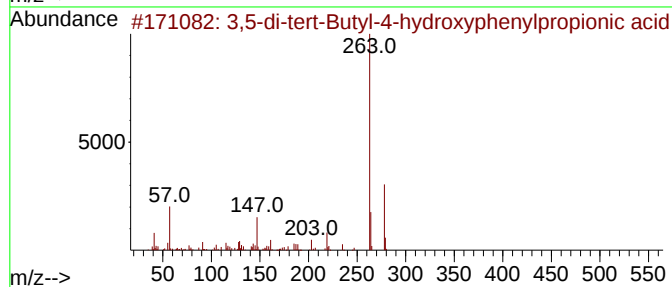
Peak Number 5 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	3.11 ng/ul	380567	Phenanthrene-d10	17.204

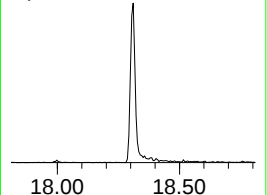
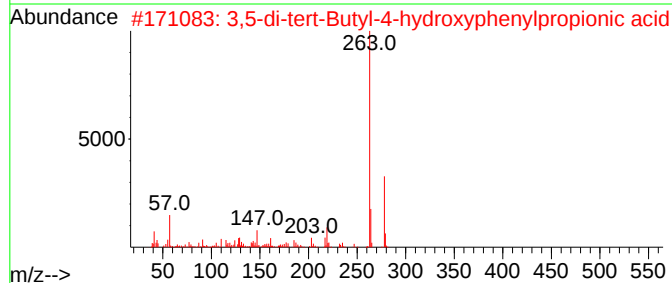
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	95
2			3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
3			Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	91
4			Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64
5			2,6-Bis(tert-butyl)phenol, TMS d...	278	C17H30OSi	010416-73-6	64



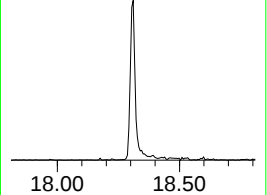
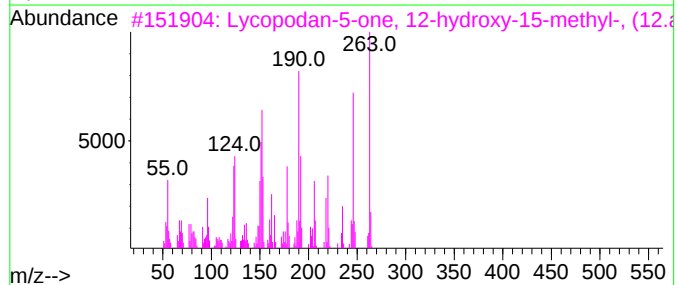
m/z 57.00 22.64%



m/z 264.10 18.07%



m/z 147.00 11.37%



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019152.D
Acq On : 29 Dec 2023 07:17
Operator : MA/JU
Sample : 06021-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

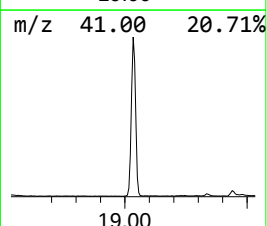
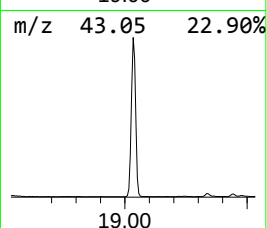
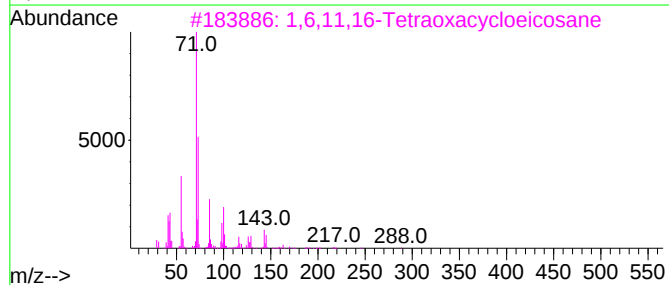
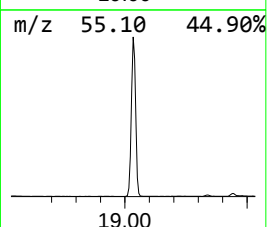
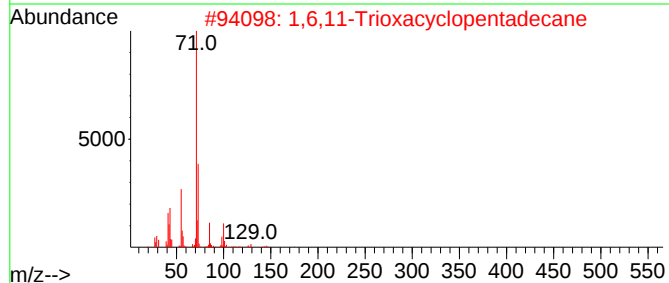
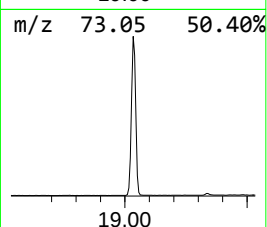
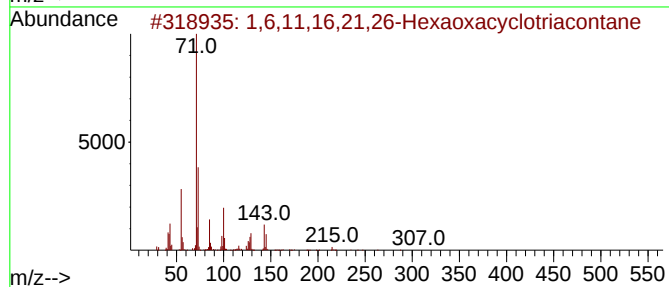
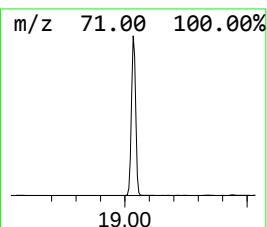
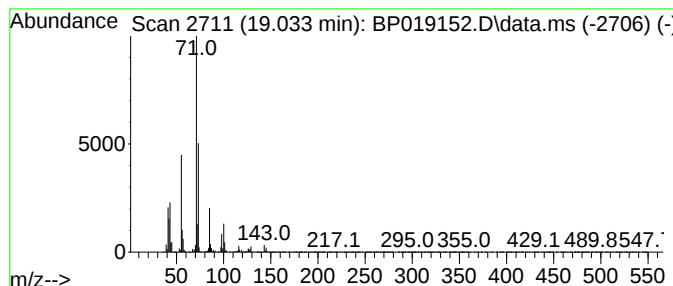
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.033	36.37 ng/ul	4451230	Phenanthrene-d10	17.204	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	86
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86
3	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	72
4	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	72
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019152.D
Acq On : 29 Dec 2023 07:17
Operator : MA/JU
Sample : 06021-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH7Z4

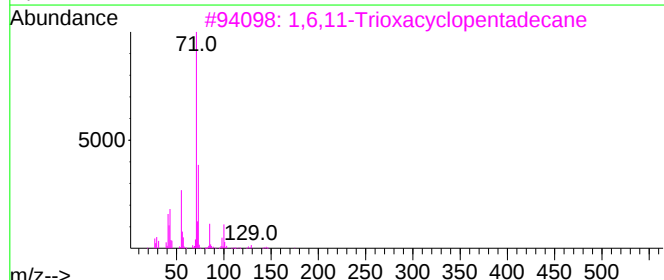
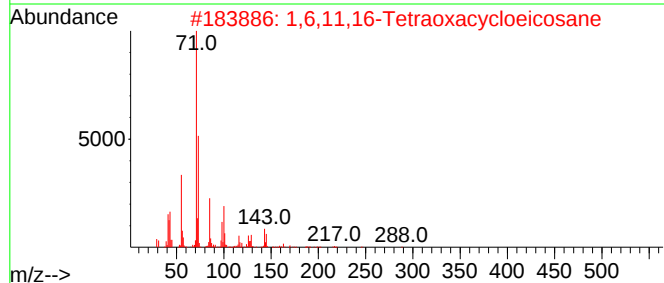
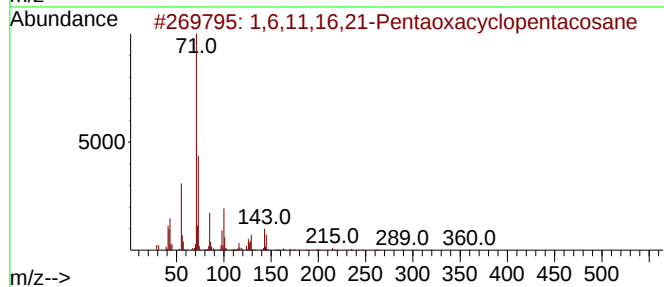
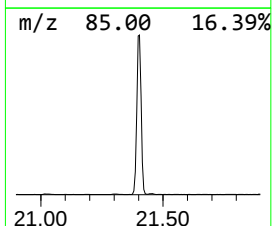
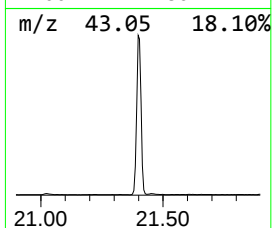
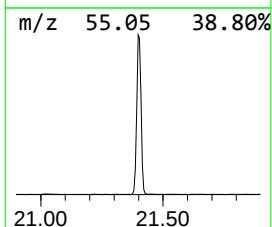
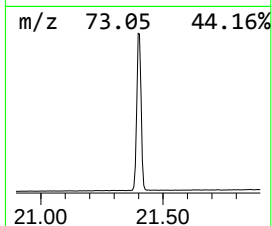
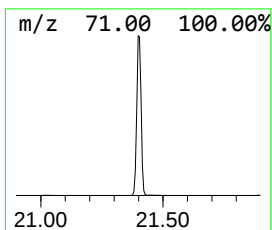
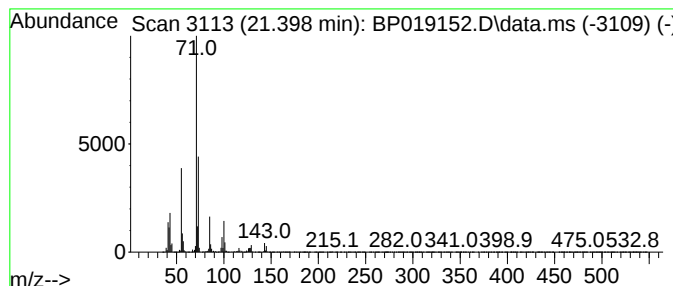
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,6,11,16,21-Pentaoxacyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.398	50.13 ng/ul	6995130	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	86		
2	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	86		
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86		
4	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	83		
5	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	58		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019152.D
Acq On : 29 Dec 2023 07:17
Operator : MA/JU
Sample : 06021-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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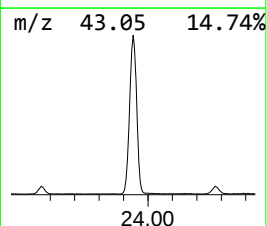
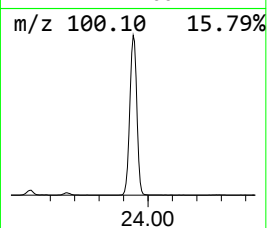
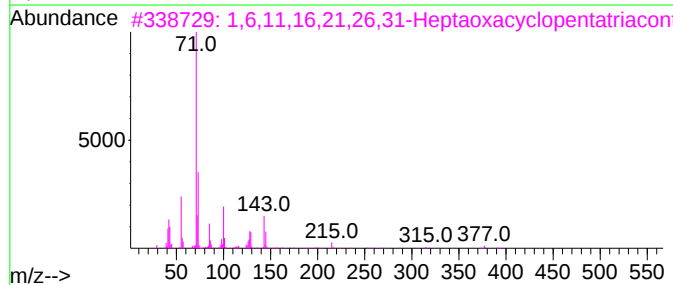
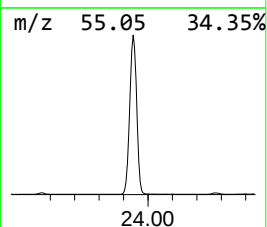
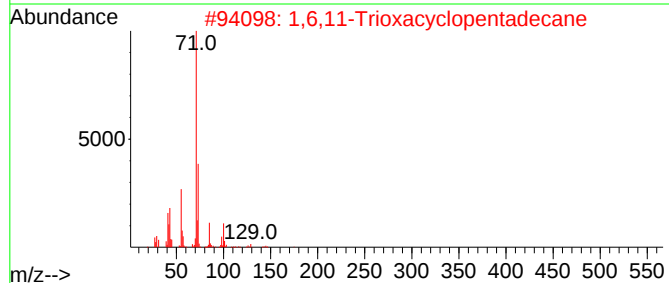
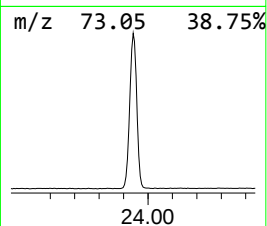
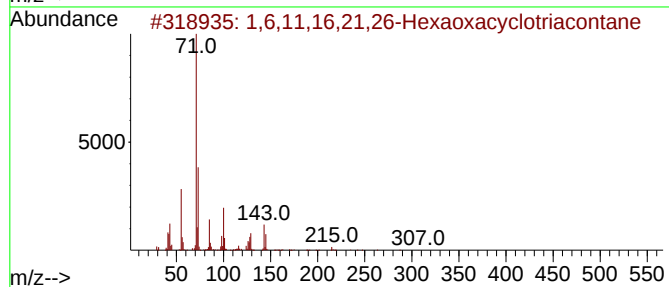
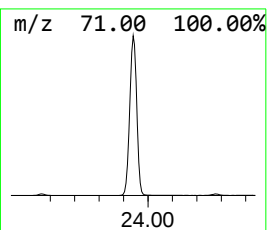
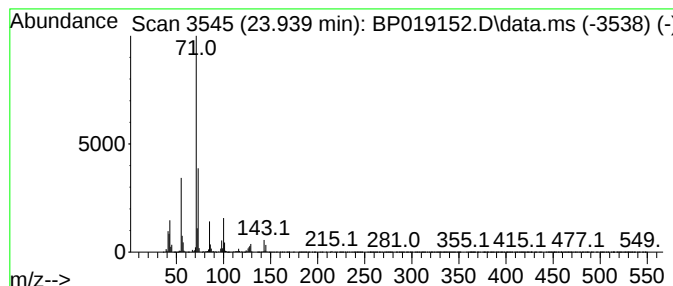
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,6,11-Trioxacyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.939	67.33 ng/ul	10380000	Perylene-d12	23.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	91		
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	90		
3	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	90		
4	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	53		
5	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019152.D
Acq On : 29 Dec 2023 07:17
Operator : MA/JU
Sample : 06021-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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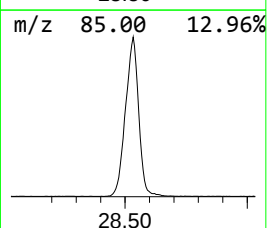
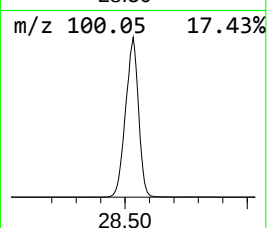
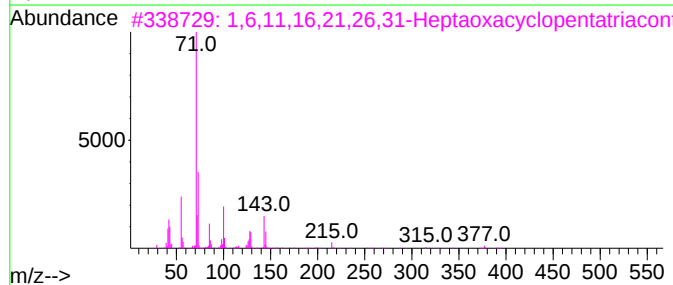
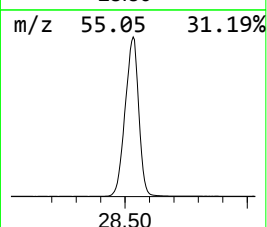
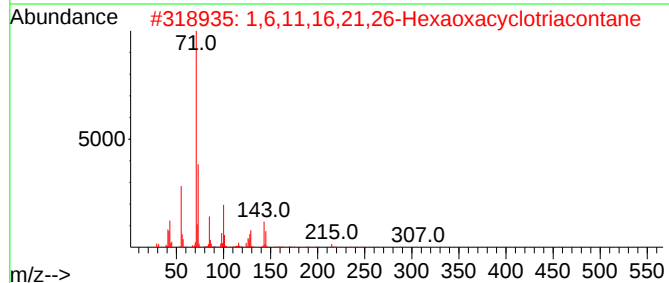
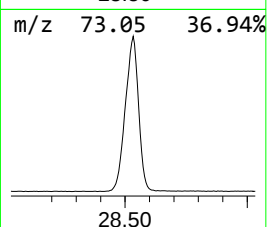
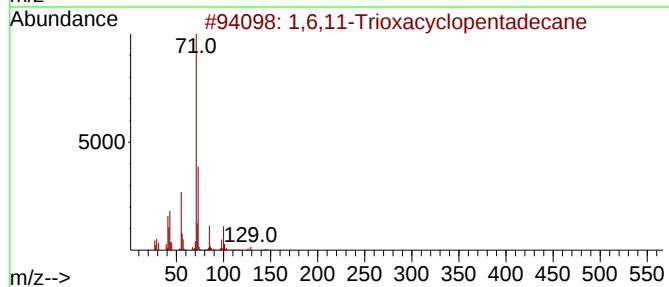
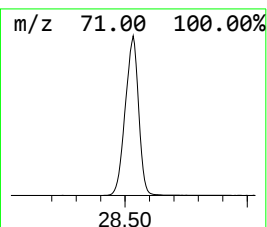
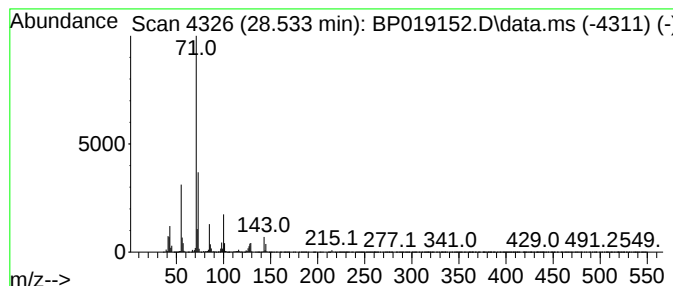
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,6,11,16,21,26,31-Heptaoxa... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.533	136.21 ng/ul	20999300	Perylene-d12	23.669

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11	-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	80	
2	1,6,11,16,21,26	-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	64	
3	1,6,11,16,21,26,31	-Heptaoxacyclo...	504	C28H56O7	066055-34-3	50	
4	1,6,11,16,21	-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	50	
5	./+/-	-Tetrahydro-3-furanmethanol	102	C5H10O2	015833-61-1	47	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019152.D
Acq On : 29 Dec 2023 07:17
Operator : MA/JU
Sample : 06021-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Dioxane, 2,...	4.422	4.8	ng/ul	272952	1	7.805	1147070	20.0
2,4,7,9-Tetrame...	13.351	3.6	ng/ul	384519	3	14.445	2122950	20.0
Benzenesulfonam...	17.151	1186.0	ng/ul	145140000	4	17.204	2447550	20.0
3,5-di-tert-But...	17.739	2.4	ng/ul	290485	4	17.204	2447550	20.0
3,5-di-tert-But...	18.310	3.1	ng/ul	380567	4	17.204	2447550	20.0
1,6,11,16,21,26...	19.033	36.4	ng/ul	4451230	4	17.204	2447550	20.0
1,6,11,16,21-Pe...	21.398	50.1	ng/ul	6995130	5	21.304	2790790	20.0
1,6,11-Trioxacy...	23.939	67.3	ng/ul	10380000	6	23.669	3083460	20.0
1,6,11,16,21,26...	28.533	136.2	ng/ul	20999300	6	23.669	3083460	20.0