

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092418\
 Data File : BN002834.D
 Acq On : 24 Sep 2018 19:34
 Operator : JU/SJ
 Sample : J5013-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08S2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	35	39	45	rBV	31733	43812	1.42%	0.139%
2	6.834	649	654	667	rBV	101996	192433	6.25%	0.612%
3	6.987	674	680	694	rBV	501024	783405	25.43%	2.492%
4	7.181	707	713	727	rVB	493508	824871	26.78%	2.624%
5	7.645	786	792	802	rBV	407892	700544	22.74%	2.229%
6	8.351	906	912	924	rBV	340589	598193	19.42%	1.903%
7	8.792	981	987	1000	rBV	582918	981662	31.87%	3.123%
8	9.510	1099	1109	1121	rBV2	485800	946846	30.74%	3.012%
9	10.045	1194	1200	1227	rBV	570512	1199894	38.96%	3.817%
10	10.410	1255	1262	1273	rBV	645271	1061170	34.45%	3.376%
11	11.122	1377	1383	1393	rBV	91289	158817	5.16%	0.505%
12	12.780	1657	1665	1676	rBV	127140	219148	7.11%	0.697%
13	13.692	1814	1820	1829	rBV	1359460	1869338	60.69%	5.947%
14	13.969	1860	1867	1878	rBV	1625662	2390353	77.61%	7.605%
15	14.275	1913	1919	1930	rBV2	884700	1400467	45.47%	4.455%
16	14.498	1951	1957	1961	rBV	55194	91399	2.97%	0.291%
17	14.539	1961	1964	1978	rVB2	27462	70950	2.30%	0.226%
18	15.033	2043	2048	2053	rBV	33866	47374	1.54%	0.151%
19	15.274	2083	2089	2098	rBV	2026194	2913864	94.60%	9.270%
20	15.416	2108	2113	2125	rBV	463639	738286	23.97%	2.349%
21	15.522	2125	2131	2136	rVB3	24969	44007	1.43%	0.140%
22	15.910	2192	2197	2205	rVB	49743	79829	2.59%	0.254%
23	16.021	2210	2216	2227	rVB	105391	159833	5.19%	0.508%
24	17.027	2381	2387	2397	rVB	1059104	1535079	49.84%	4.884%
25	17.127	2397	2404	2417	rBV	2037092	2935758	95.31%	9.340%
26	18.827	2687	2693	2700	rVB	25713	37930	1.23%	0.121%
27	19.427	2789	2795	2807	rBV2	2154184	2973260	96.53%	9.459%
28	21.233	3096	3102	3114	rBV	993234	1400574	45.47%	4.456%
29	22.268	3275	3278	3286	rBV2	38948	50507	1.64%	0.161%
30	22.768	3359	3363	3370	rVB	64936	86523	2.81%	0.275%
31	23.303	3446	3454	3467	rBV	1629737	3080108	100.00%	9.799%
32	23.445	3470	3478	3490	rVV2	714897	1455707	47.26%	4.631%
33	23.950	3558	3564	3571	rVB	72428	140949	4.58%	0.448%
34	24.668	3681	3686	3693	rVB2	65743	133927	4.35%	0.426%

LSC Area Percent Report

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Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	25.509	3825	3829	3837	rvB4	38834	86376	2.80%	0.275%
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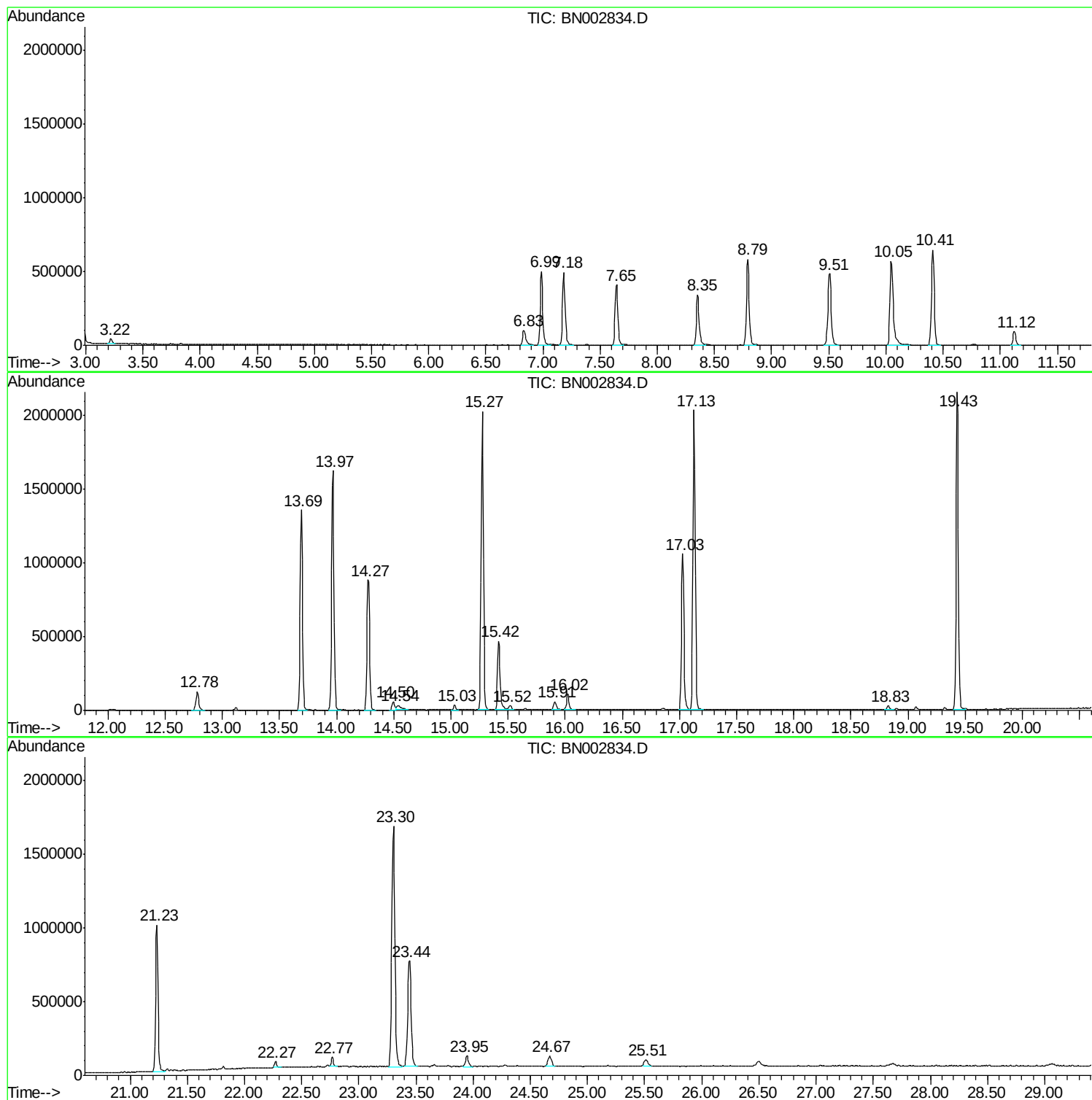
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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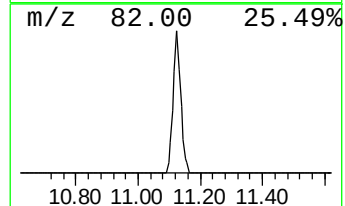
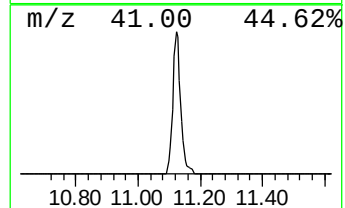
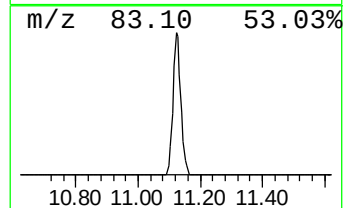
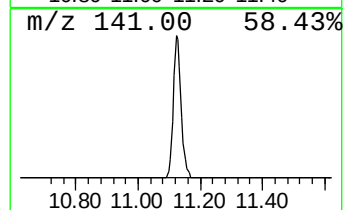
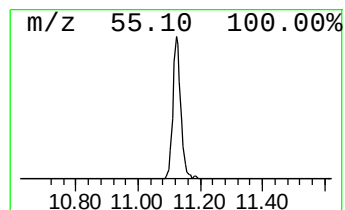
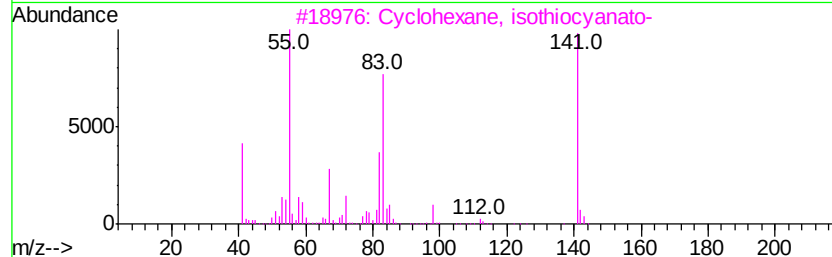
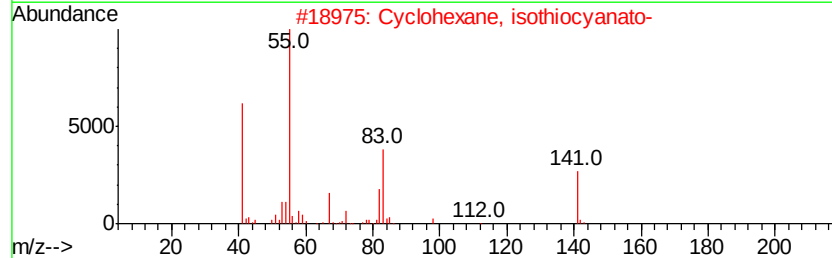
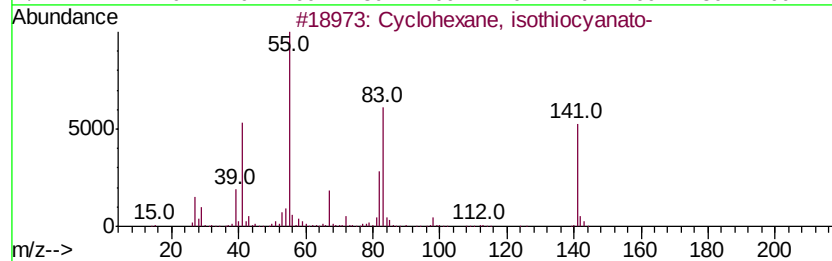
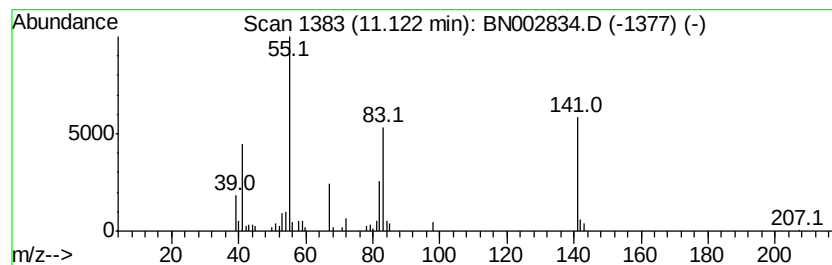
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, isothiocyanato- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.12	2.99 ng/ul	158817	Naphthalene-d8	10.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	93
2		Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	90
3		Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	72
4		Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	49
5		3-Cyclohexyl-1-propyne	122	C9H14	1000342-45-9	47



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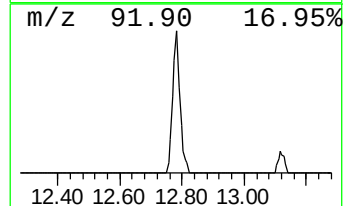
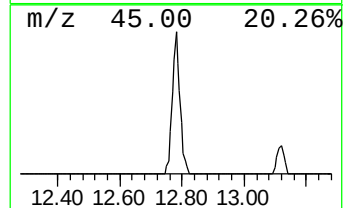
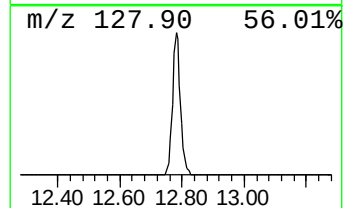
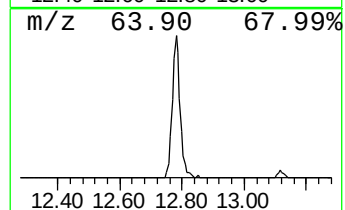
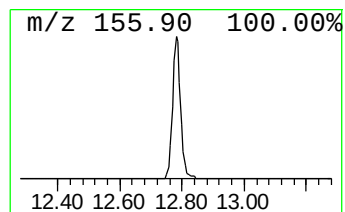
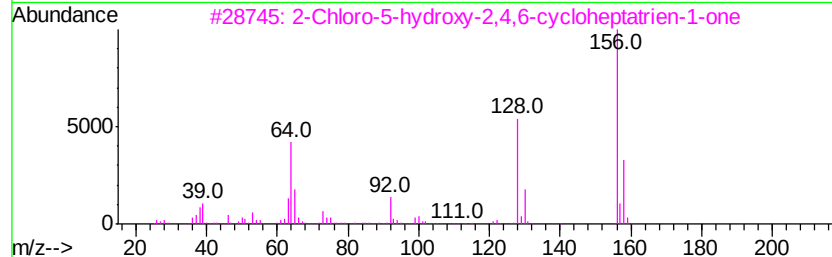
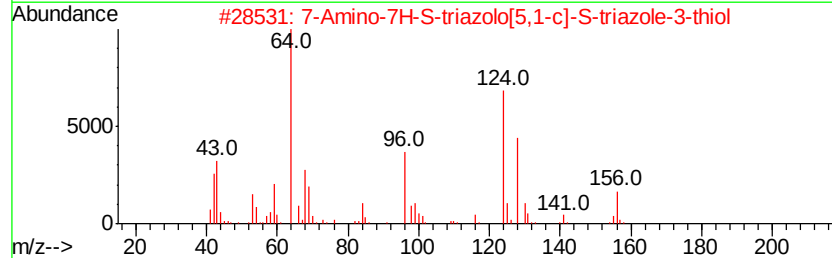
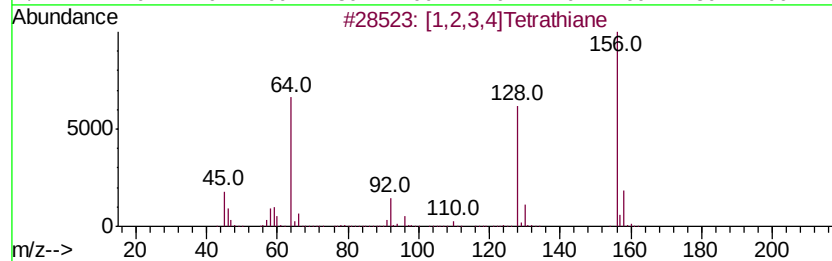
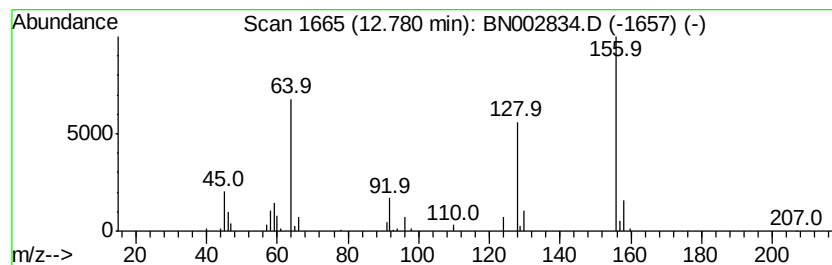
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 [1,2,3,4]Tetrathiane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.13 ng/ul	219148	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,2,3,4]Tetrathiane	156	C2H4S4	000290-81-3	98
2		7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	53
3		2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	40
4		Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	23
5		2,3-Diazabicyclo[3.2.0]hept-2-en...	176	C7H7F3N2	1000258-92-2	17



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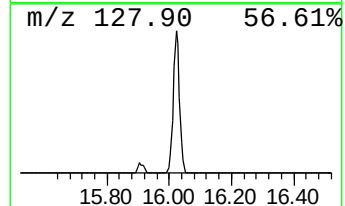
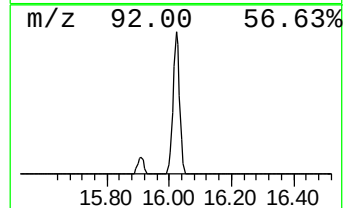
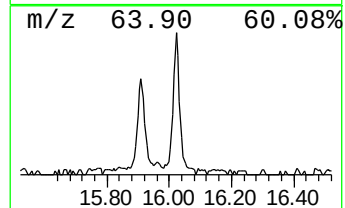
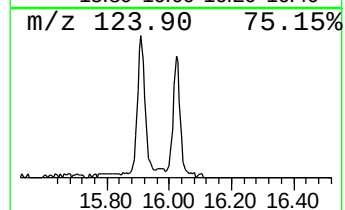
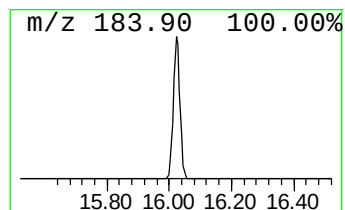
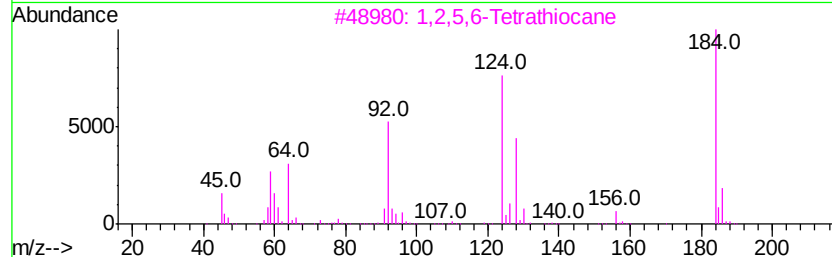
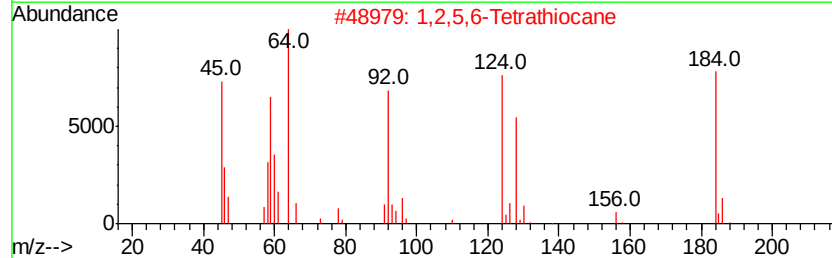
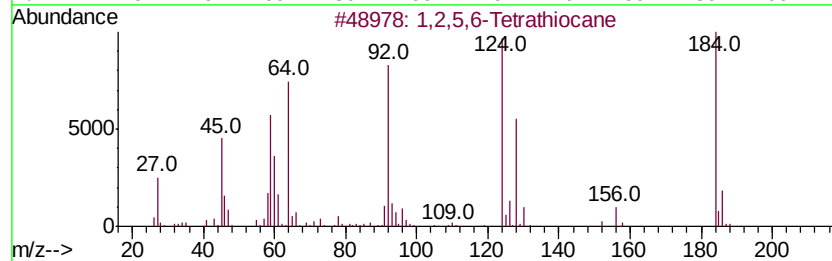
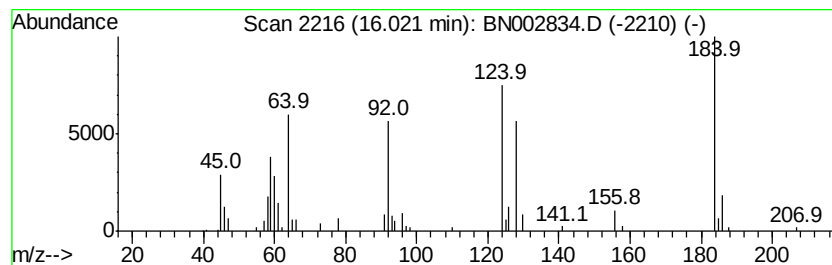
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Peak Number 3 1,2,5,6-Tetrathiocane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.08 ng/ul	159833	Phenanthrene-d10	17.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2,5,6-Tetrathiocane	184 C4H8S4	001940-01-8	99
2	1,2,5,6-Tetrathiocane	184 C4H8S4	001940-01-8	98
3	1,2,5,6-Tetrathiocane	184 C4H8S4	001940-01-8	93
4	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156 C3H4N6S	013728-28-4	17
5	2,3-Diazabicyclo[3.2.0]hept-2-en...	176 C7H7F3N2	1000258-92-2	14



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, isot...	11.12	3.0	ng/ul	158817	2	10.41	1061170	20.0
[1,2,3,4]Tetrathiane	12.78	3.1	ng/ul	219148	3	14.27	1400470	20.0
1,2,5,6-Tetrathio...	16.02	2.1	ng/ul	159833	4	17.03	1535080	20.0