

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004544.D
 Acq On : 03 Mar 2016 22:37
 Operator : SJ/UM
 Sample : H1616-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P002-SS001-01

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.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	2.775	9	15	30	rBV	702796	1115601	5.83%	3.596%
2	7.598	825	835	842	rBV	177217	278115	1.45%	0.897%
3	10.381	1299	1308	1314	rBV	160387	271844	1.42%	0.876%
4	13.457	1822	1831	1845	rBV2	121486	439715	2.30%	1.417%
5	13.698	1851	1872	1877	rBV	3354143	19139633	100.00%	61.699%
6	13.810	1888	1891	1900	rVB	372499	628567	3.28%	2.026%
7	13.892	1901	1905	1909	rVB	151503	201689	1.05%	0.650%
8	13.974	1915	1919	1930	rVB	187187	373639	1.95%	1.204%
9	14.069	1931	1935	1948	rVB	294287	485103	2.53%	1.564%
10	14.280	1967	1971	1978	rVB2	206313	325405	1.70%	1.049%
11	14.498	2003	2008	2016	rVB	218236	317033	1.66%	1.022%
12	15.215	2122	2130	2132	rBV	188905	376357	1.97%	1.213%
13	15.268	2136	2139	2145	rVB	250844	335588	1.75%	1.082%
14	15.868	2235	2241	2242	rBV	1073663	1441832	7.53%	4.648%
15	15.898	2242	2246	2253	rVB	2009322	4182427	21.85%	13.483%
16	16.039	2266	2270	2275	rVB	151652	194670	1.02%	0.628%
17	17.021	2433	2437	2441	rBV	224994	332510	1.74%	1.072%
18	17.121	2450	2454	2458	rVV2	216817	291498	1.52%	0.940%
19	19.433	2844	2847	2850	rBV	215856	289851	1.51%	0.934%

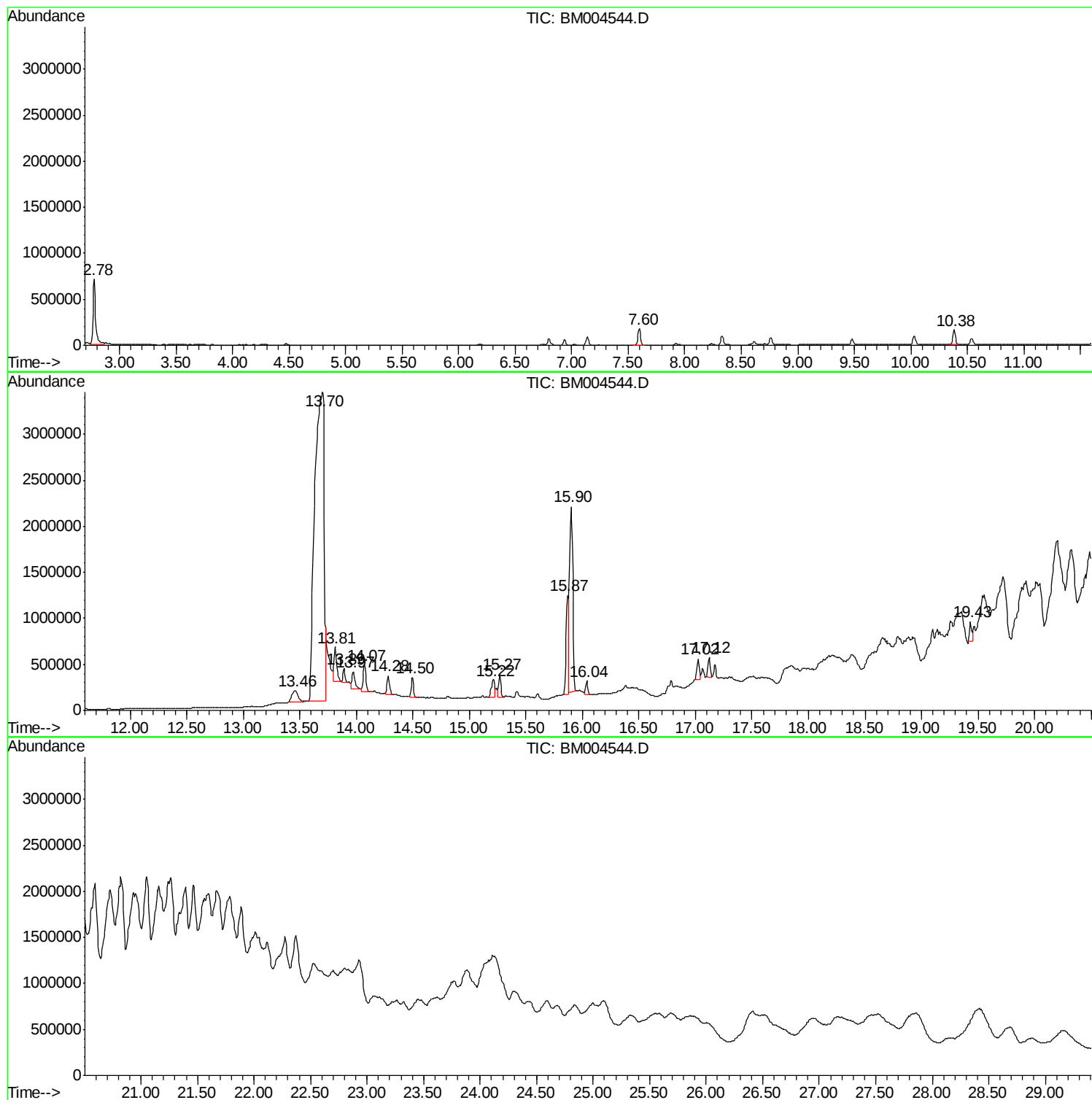
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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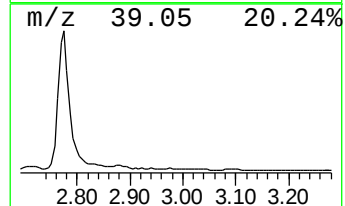
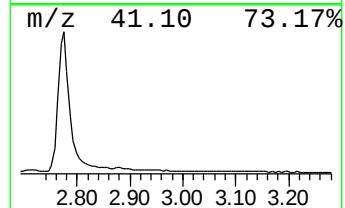
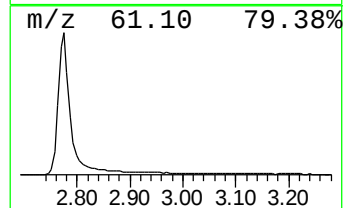
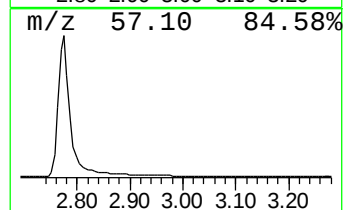
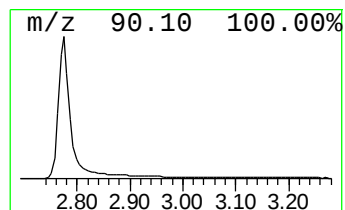
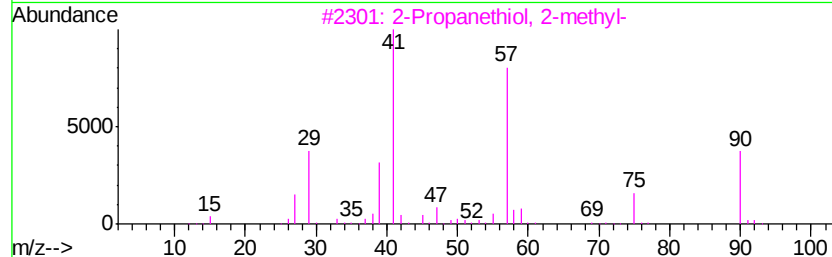
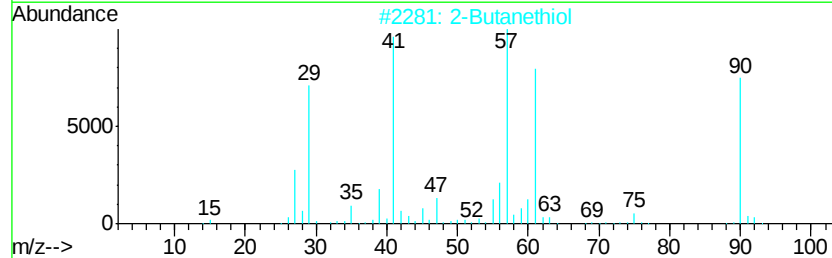
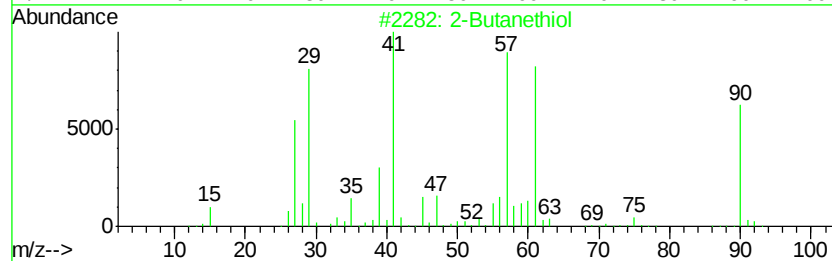
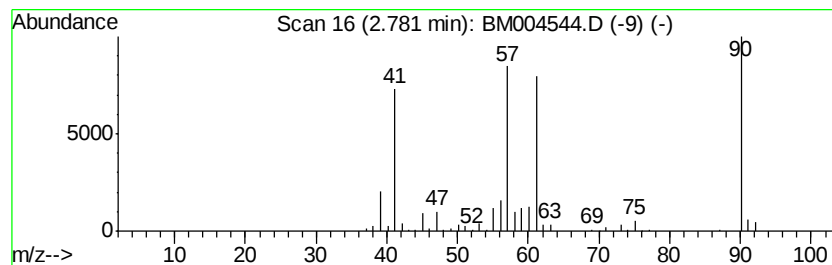
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Butanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	80.23 ng/ul	1115600	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butanethiol	90	C4H10S	000513-53-1	91
2			2-Butanethiol	90	C4H10S	000513-53-1	91
3			2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	59
4			2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	59
5			Thiourea, methyl-	90	C2H6N2S	000598-52-7	53



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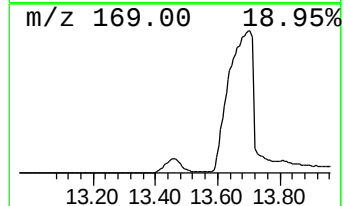
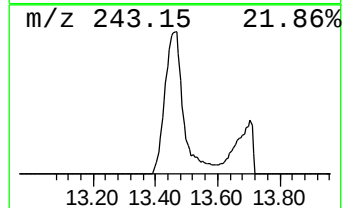
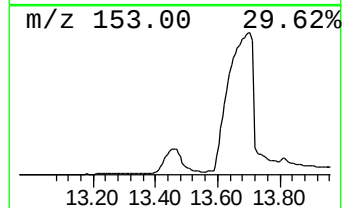
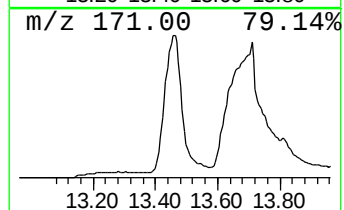
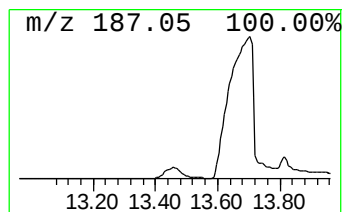
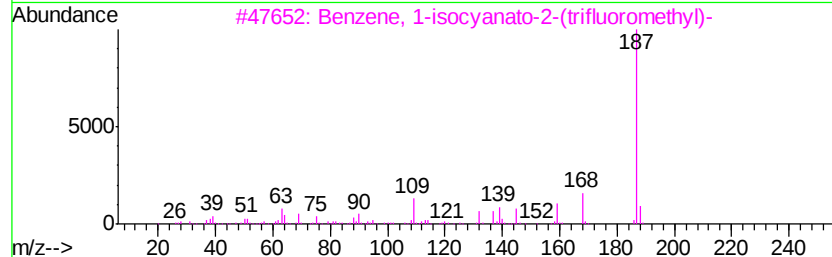
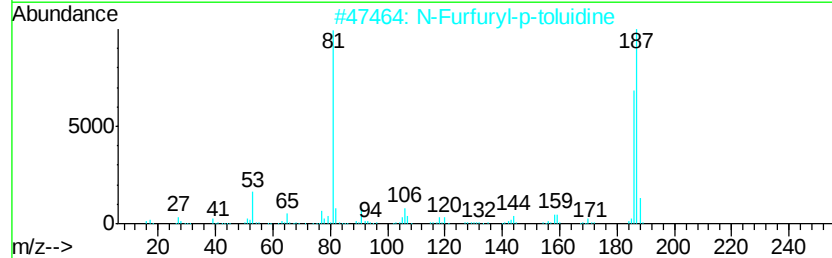
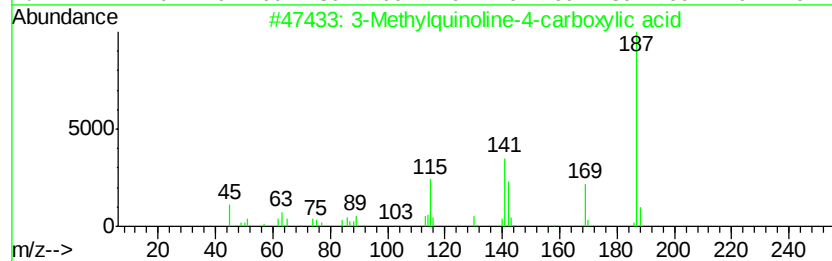
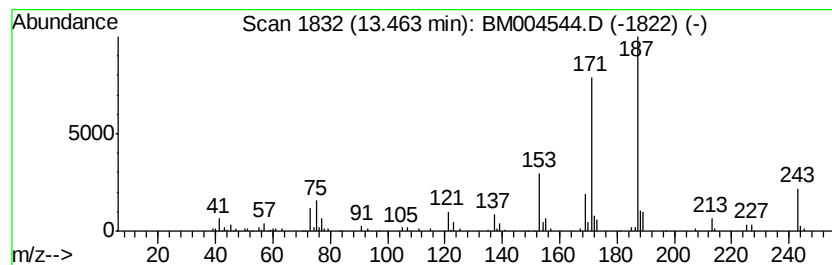
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Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	27.03 ng/ul	439715	Acenaphthene-d10	14.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methylquinoline-4-carboxylic acid	187 C11H9NO2	001873-51-4	35
2	N-Furfuryl-p-toluidine	187 C12H13NO	003139-27-3	22
3	Benzene, 1-isocyanato-2-(trifluo...	187 C8H4F3NO	002285-12-3	22
4	1H-Pyrrole, 3,5-dimethyl-2-phenyl-	171 C12H13N	003274-53-1	14
5	Pyridine, 4-phenyl-, 1-oxide	171 C11H9NO	001131-61-9	14



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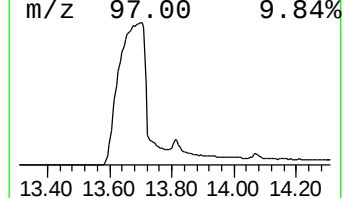
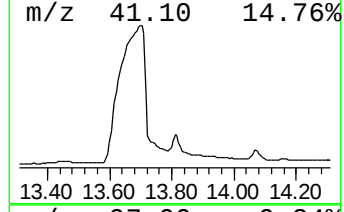
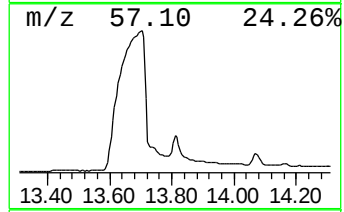
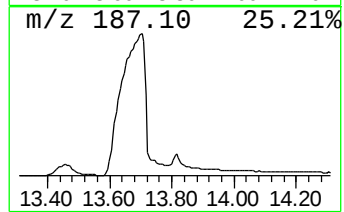
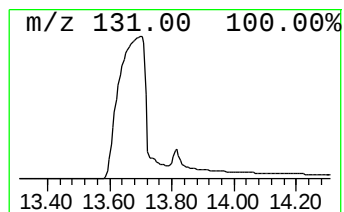
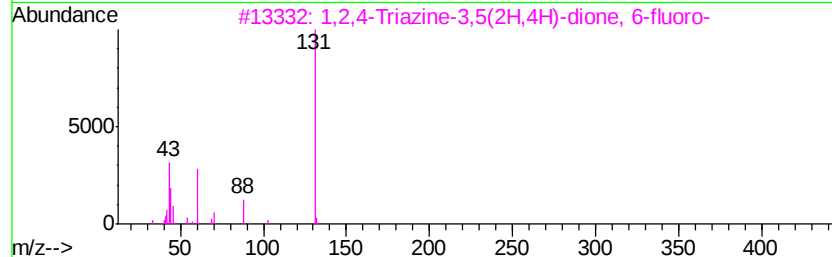
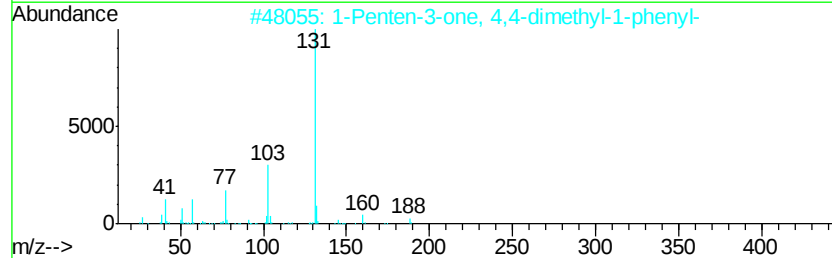
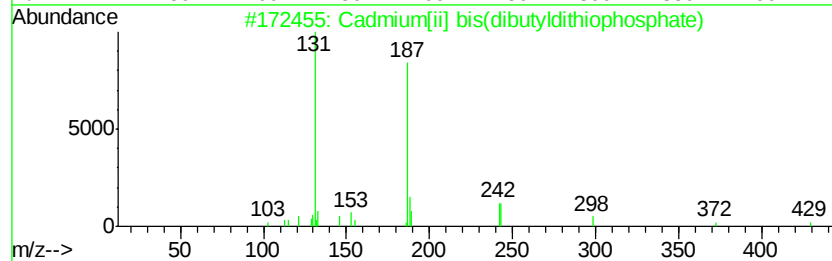
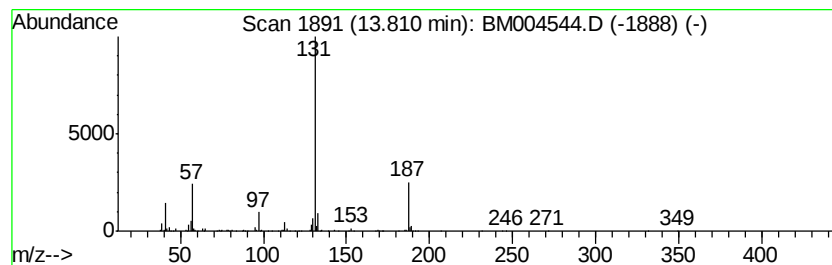
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Peak Number 3 Cadmium[ii] bis(dibutyldithiophosphate) Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.	
13.81	38.63 ng/ul	628567	Acenaphthene-d10			14.28	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cadmium[ii] bis(dibutyldithiopho...	596	C16H36CdO4P2S4	043159-11-1	74
2			1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	5
3			1,2,4-Triazine-3,5(2H,4H)-dione, ...	131	C3H2FN3O2	082736-95-6	5
4			1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	4
5			2-Oxazolidinethione, 4,4-dimethyl-	131	C5H9NOS	054013-55-7	4



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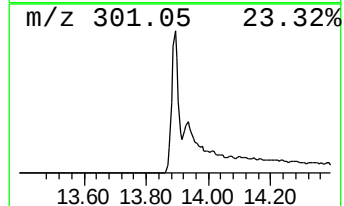
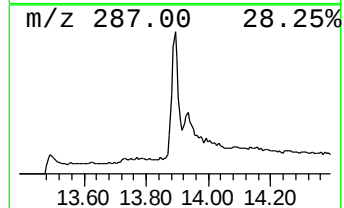
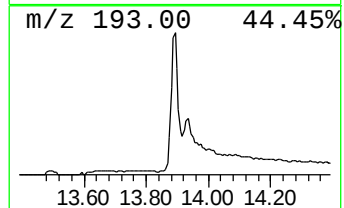
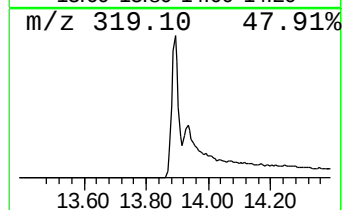
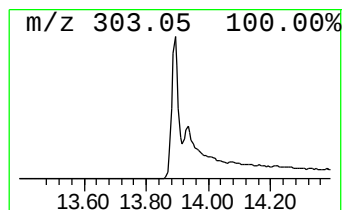
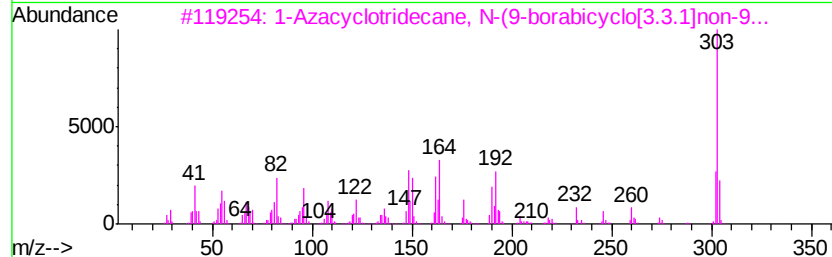
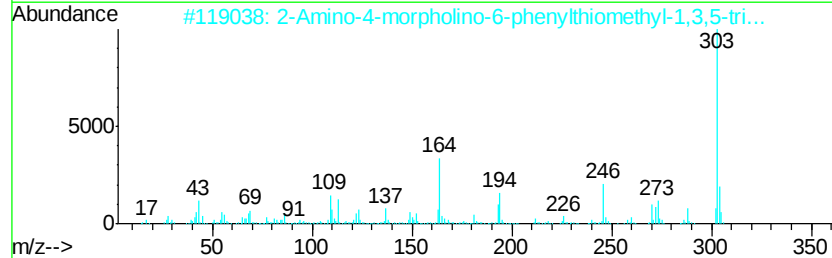
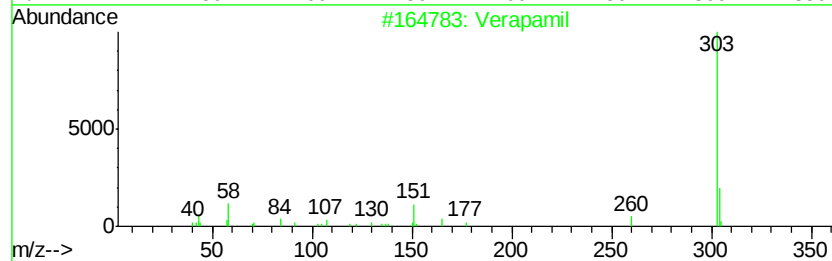
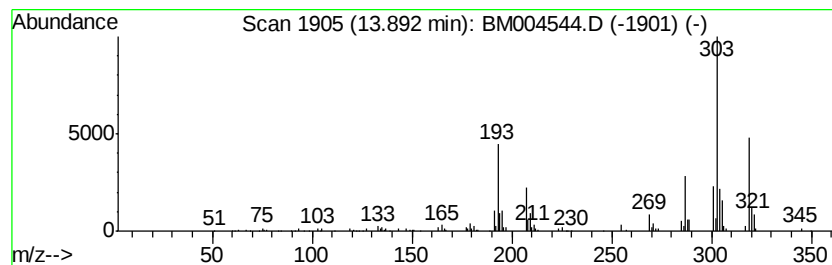
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Peak Number 4 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	12.40 ng/ul	201689	Acenaphthene-d10	14.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Verapamil	454	C27H38N2O4	000052-53-9	22
2		2-Amino-4-morpholino-6-phenylthi...	303	C14H17N5OS	022362-16-9	16
3		1-Azacyclotridecane, N-(9-borabi...	303	C20H38BN	1000161-39-8	16
4		Palladium(II) acetylacetonate	304	C10H14O4Pd	014024-61-4	16
5		d-Mannose, dioctyl mercaptal	454	C22H46O5S2	112159-66-7	16



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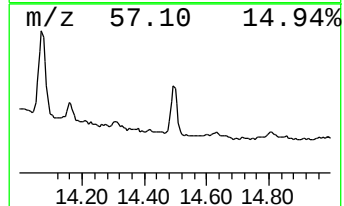
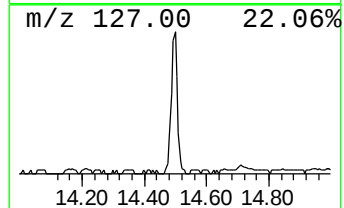
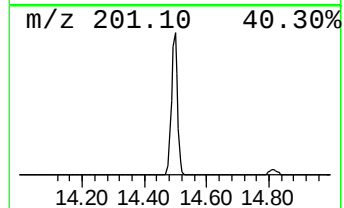
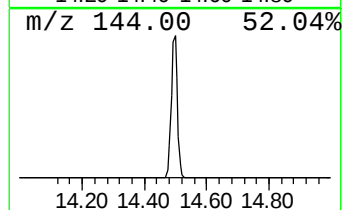
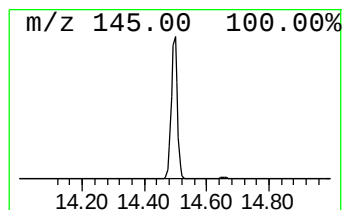
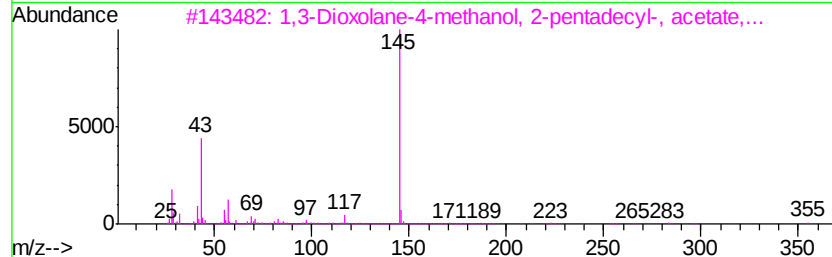
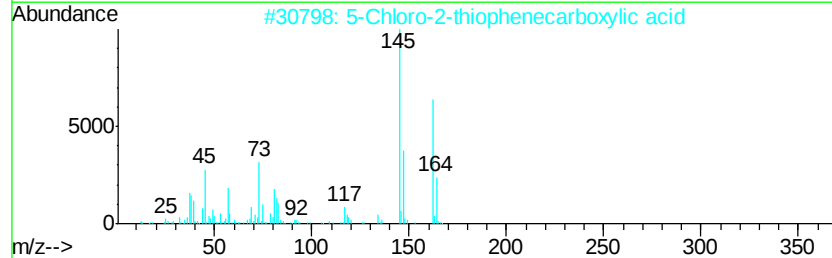
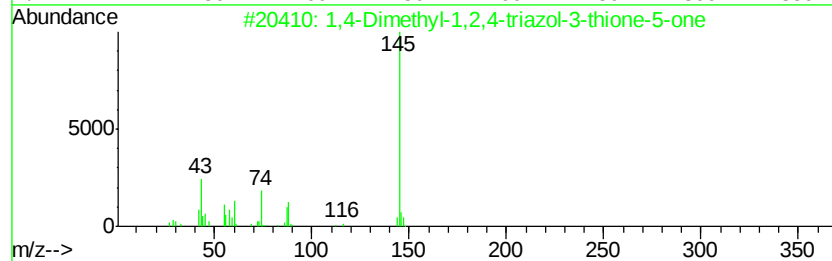
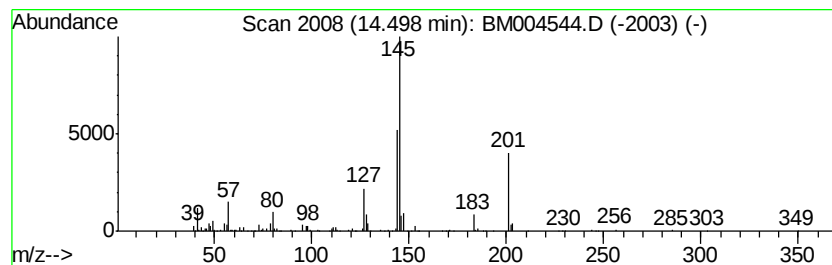
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Peak Number 6 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.50	19.49 ng/ul	317033	Acenaphthene-d10	14.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Dimethyl-1,2,4-triazol-3-thi...	145	C4H7N3OS	027422-98-6	25
2		5-Chloro-2-thiophenecarboxylic acid	162	C5H3ClO2S	024065-33-6	12
3		1,3-Dioxolane-4-methanol, 2-pent...	356	C21H40O4	030889-29-3	10
4		1,3-Dioxan-5-ol, 2-pentadecyl-, ...	356	C21H40O4	030889-26-0	10
5		1,3-Dioxan-5-ol, 2-pentadecyl-, ...	356	C21H40O4	030889-23-7	10



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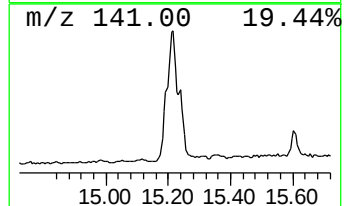
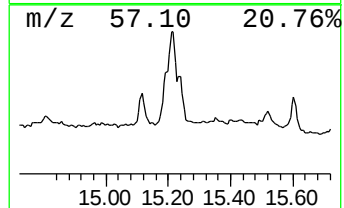
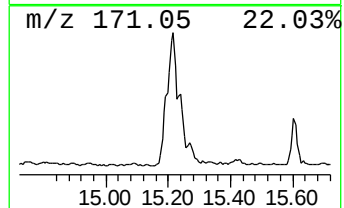
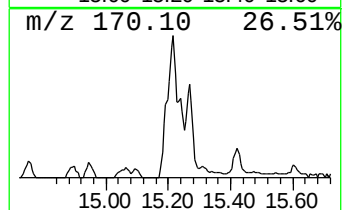
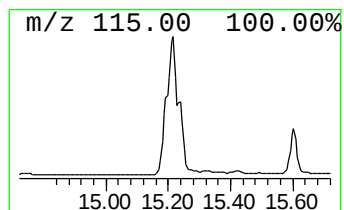
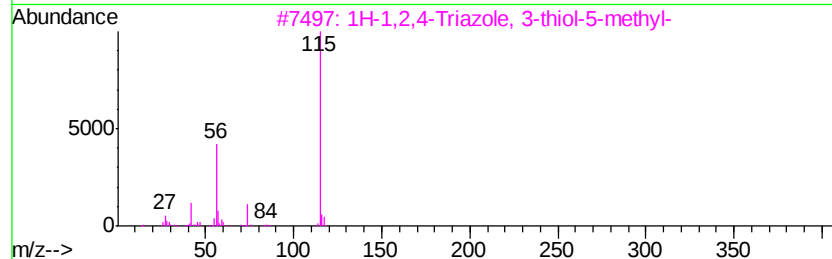
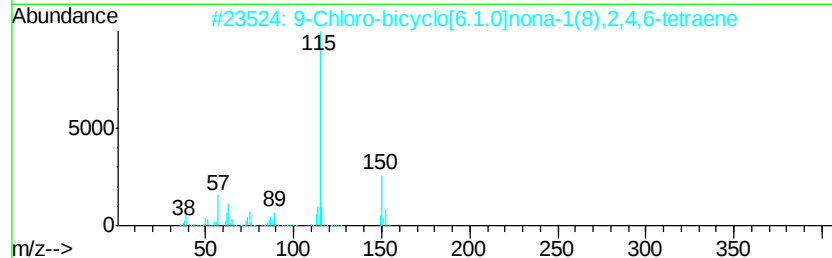
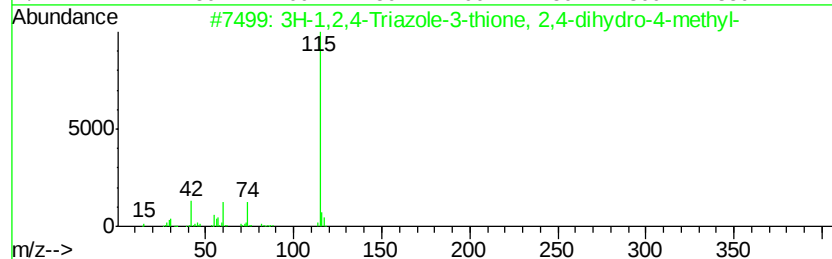
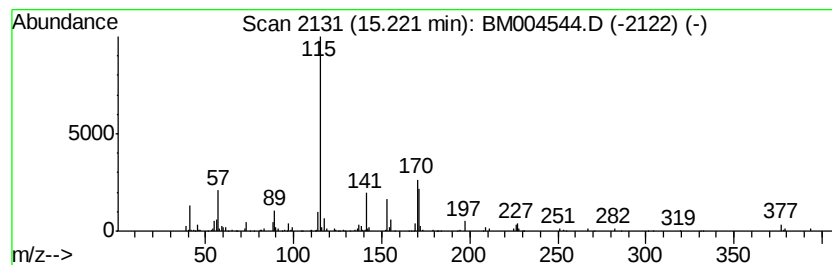
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	23.13 ng/ul	376357	Acenaphthene-d10	14.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	32
2		9-Chloro-bicyclo[6.1.0]nona-1(8)...	150	C9H7Cl	1000295-96-4	28
3		1H-1,2,4-Triazole, 3-thiol-5-met...	115	C3H5N3S	007271-44-5	25
4		2-Exo-methyl-3-methylenebenzonor...	170	C13H14	151123-60-3	9
5		Ethylmalonic acid dibutyl ester	244	C13H24O4	001113-92-4	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004544.D
Acq On : 03 Mar 2016 22:37
Operator : SJ/UM
Sample : H1616-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

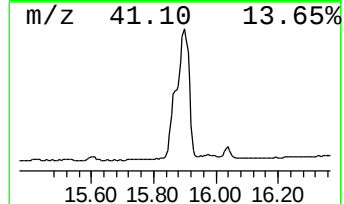
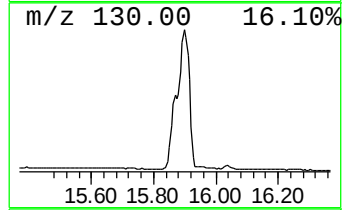
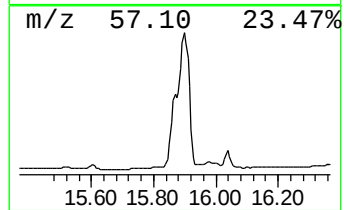
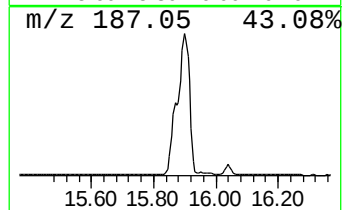
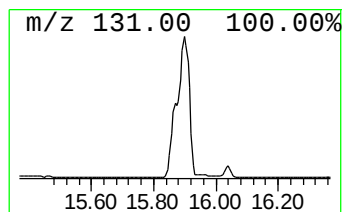
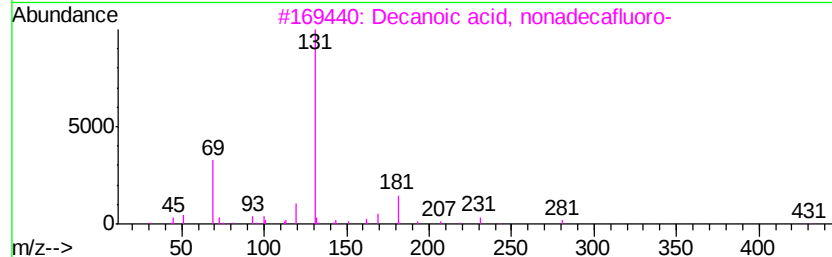
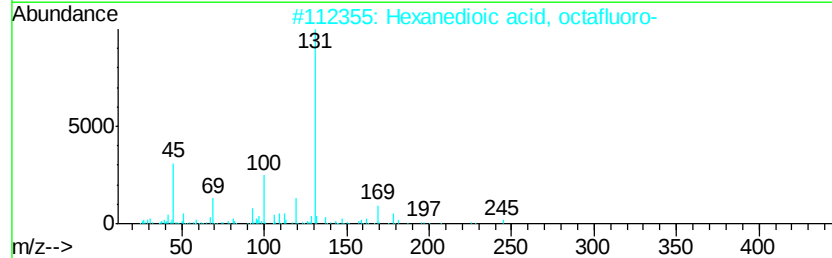
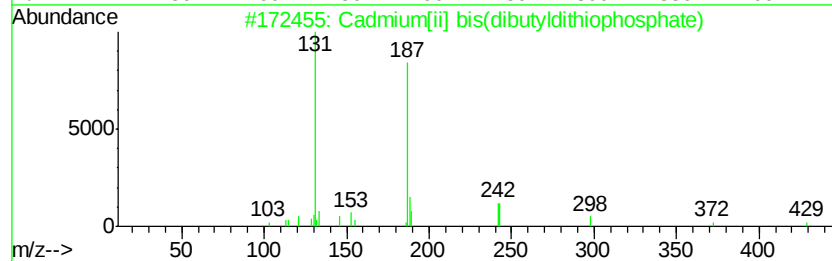
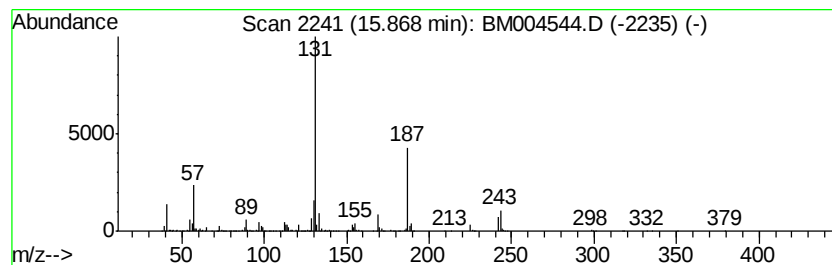
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	86.72 ng/ul	1441830	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cadmium[iii] bis(dibutyldithiophospho...	596	C16H36CdO4P2S4	043159-11-1	40
2		Hexanedioic acid, octafluoro-	290	C6H2F8O4	000336-08-3	17
3		Decanoic acid, nonadecafluoro-	514	C10HF19O2	000335-76-2	9
4		Dodecanoic acid, tricosafuoro-	614	C12HF23O2	000307-55-1	9
5		3-Trimethylsilyloxytridecane	272	C16H36OSi	122826-00-0	7



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004544.D
Acq On : 03 Mar 2016 22:37
Operator : SJ/UM
Sample : H1616-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

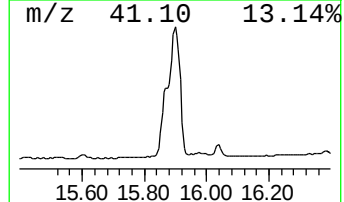
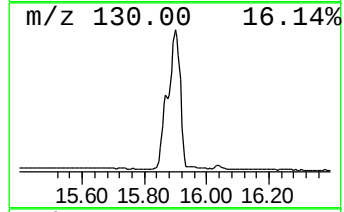
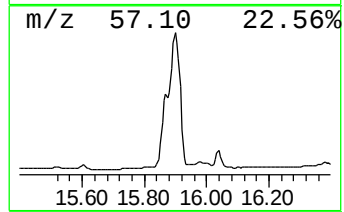
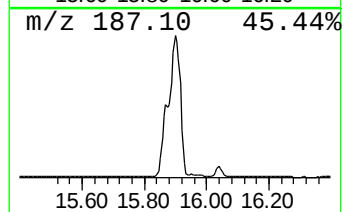
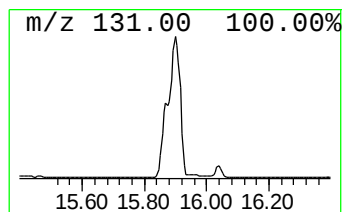
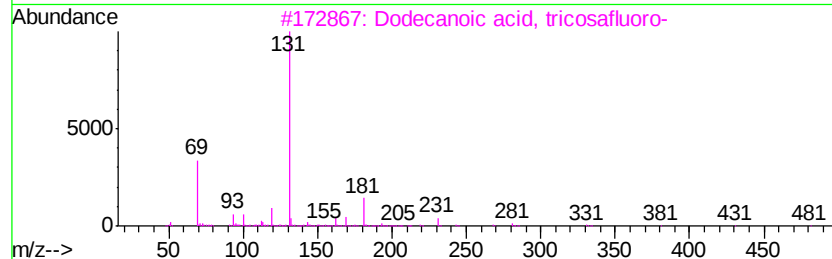
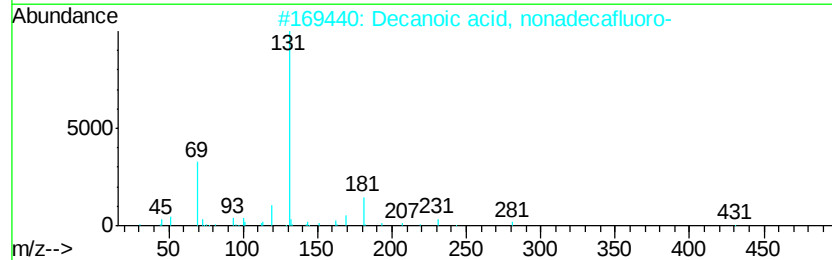
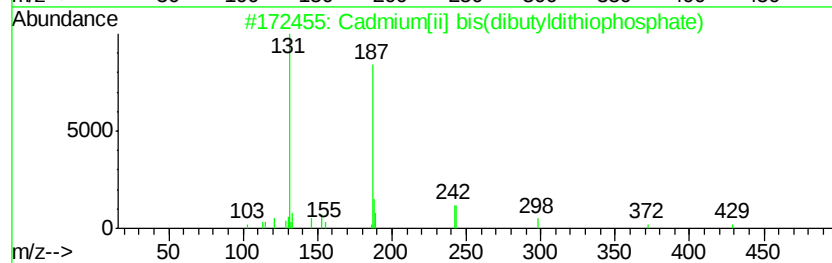
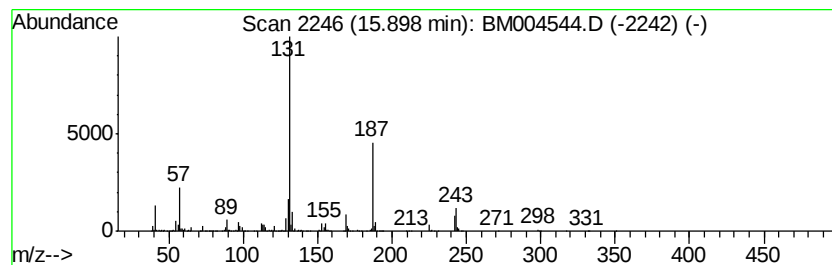
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	251.57 ng/ul	4182430	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cadmium[iii] bis(dibutyldithiophospho...	596	C16H36CdO4P2S4	043159-11-1	38
2		Decanoic acid, nonadecafluoro-	514	C10HF19O2	000335-76-2	9
3		Dodecanoic acid, tricosafuoro-	614	C12HF23O2	000307-55-1	9
4		2-t-Butyl-6-methyl-5-(1-phenylbu...	302	C19H26O3	1000194-83-9	9
5		3-Trimethylsilyloxytridecane	272	C16H36OSi	122826-00-0	7



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004544.D
Acq On : 03 Mar 2016 22:37
Operator : SJ/UM
Sample : H1616-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butanethiol	2.78	80.2	ng/ul	1115600	1	7.60	278115	20.0
unknown-01	13.46	27.0	ng/ul	439715	3	14.28	325405	20.0
Cadmium[ii] bis(d...	13.81	38.6	ng/ul	628567	3	14.28	325405	20.0
unknown-02	13.89	12.4	ng/ul	201689	3	14.28	325405	20.0
unknown-03	14.50	19.5	ng/ul	317033	3	14.28	325405	20.0
unknown-04	15.22	23.1	ng/ul	376357	3	14.28	325405	20.0
unknown-05	15.87	86.7	ng/ul	1441830	4	17.02	332510	20.0
unknown-06	15.90	251.6	ng/ul	4182430	4	17.02	332510	20.0