LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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	2.799	31	36	62	rVB	11899744	17825596	100.00%	17.397%
2	5.069	413	422	425	rBV	267077	601654	3.38%	0.587%
3	5.099	425	427	444	rVB	121771	194549	1.09%	0.190%
4	6.981	740	747	749	rBV	506036	792403	4.45%	0.773%
5	7.010	749	752	763	rVV	518931	788724	4.42%	0.770%
6	7.134	766	773	785	rVB	388249	595478	3.34%	0.581%
7	7.340	800	808	818	rBV	513137	823351	4.62%	0.804%
8	7.798	875	886	893	rVB2	357920	640447	3.59%	0.625%
9	8.251	956	963	972	rVB	733102	1175542	6.59%	1.147%
10	8.516	1002	1008	1015	rVB	591780	983194	5.52%	0.960%
11	8.957	1069	1083	1093	rBV	461194	778993	4.37%	0.760%
12	9.681	1198	1206	1214	rBV	391451	672634	3.77%	0.656%
13	10.222	1291	1298	1309	rBV	626719	1063658	5.97%	1.038%
14	10.592	1354	1361	1370	rVB	527917	882662	4.95%	0.861%
15	12.116	1613	1620	1628	rBV	503998	808426	4.54%	0.789%
16	12.375	1656	1664	1680	rBV	90804	182603	1.02%	0.178%
17	13.845	1908	1914	1919	rBV	1066387	1535518	8.61%	1.499%
18	14.133	1952	1963	1966	rBV	1218974	1998346	11.21%	1.950%
19	14.163	1966	1968	1977	rVB	769892	920720	5.17%	0.899%
20	14.439	2008	2015	2021	rBV2	724631	1145247	6.42%	1.118%
21	14.504	2021	2026	2036	rVB	880145	1297720	7.28%	1.266%
22	14.663	2042	2053	2065	rBV	492716	840735	4.72%	0.821%
23	14.839	2076	2083	2094	rBV	995484	1528103	8.57%	1.491%
24	14.939	2094	2100	2108	rVB	1003470	1425554	8.00%	1.391%
25	15.263	2148	2155	2162	rVB	1198258	1662741	9.33%	1.623%
26	15.433	2177	2184	2189	rBV	1540786	2267231	12.72%	2.213%
27	15.486	2189	2193	2200	rVB	895963	1287961	7.23%	1.257%
28	15.557	2200	2205	2220	rBV	489199	718215	4.03%	0.701%
29	15.698	2220	2229	2234	rBV	1840481	2579270	14.47%	2.517%
30	16.468	2353	2360	2365	rBV	1623697	2342594	13.14%	2.286%
31	16.539	2365	2372	2377	rVV	2998466	4053603	22.74%	3.956%
32	16.651	2385	2391	2400	rBV	1134505	1517062	8.51%	1.481%
33	16.857	2417	2426	2433	rBV2	2407881	5196831	29.15%	5.072%
34	17.186	2475	2482	2488	rVB	946805	1373010	7.70%	1.340%

LSC Area Percent Report

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Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

35	17.280	2492	2498	2502	rBV2	1611505	2563788	14.38%	2.502%
36	17.315	2502	2504	2511	rVB	730505	900361	5.05%	0.879%
37	18.145	2639	2645	2648	rBV	1301729	1634793	9.17%	1.595%
38	18.186	2648	2652	2658	rVB	2247015	2985442	16.75%	2.914%
39	19.574	2882	2888	2899	rVB2	2092483	2906734	16.31%	2.837%
40	20.498	3040	3045	3050	rBV	1874985	2239392	12.56%	2.186%
41	20.656	3067	3072	3078	rVB	2732604	3515443	19.72%	3.431%
42	21.362	3187	3192	3200	rBV	1218192	1599411	8.97%	1.561%
43	22.162	3323	3328	3333	rBV	1758841	2212435	12.41%	2.159%
44	22.956	3456	3463	3467	rBV	1612292	2983792	16.74%	2.912%
45	23.003	3467	3471	3478	rVB	1667230	2632080	14.77%	2.569%
46	23.497	3549	3555	3559	rBV	1297447	2543728	14.27%	2.483%
47	23.544	3559	3563	3571	rVB	1295813	2309511	12.96%	2.254%
48	23.644	3574	3580	3588	rVB	747836	1465641	8.22%	1.430%
49	25.962	3963	3974	3984	rVB2	1537409	4650060	26.09%	4.538%
50	26.662	4085	4093	4106	rVB	919790	2822280	15.83%	2.754%

Sum of corrected areas: 102465266

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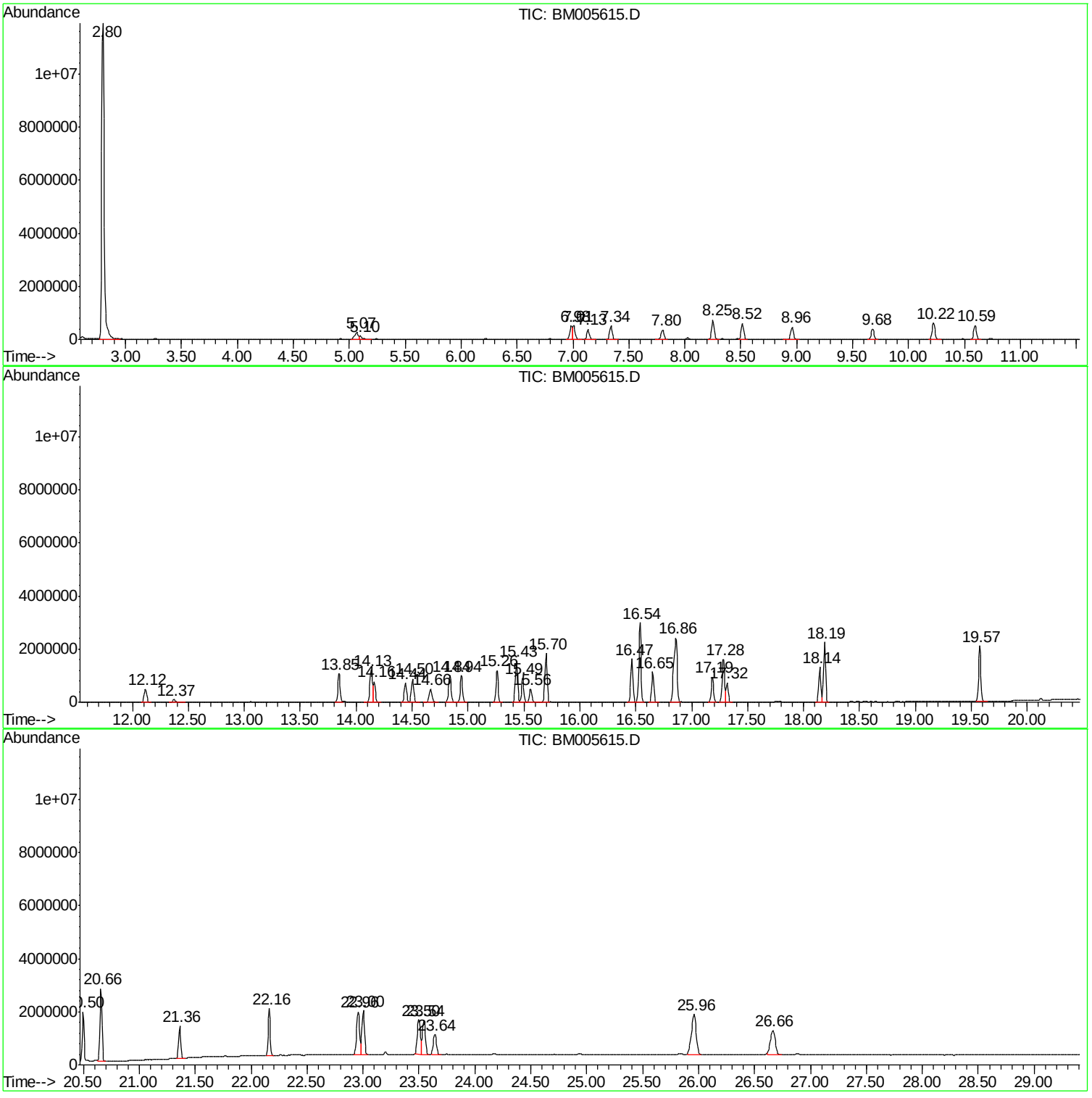
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

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Quant Title : SVOA CALIBRATION

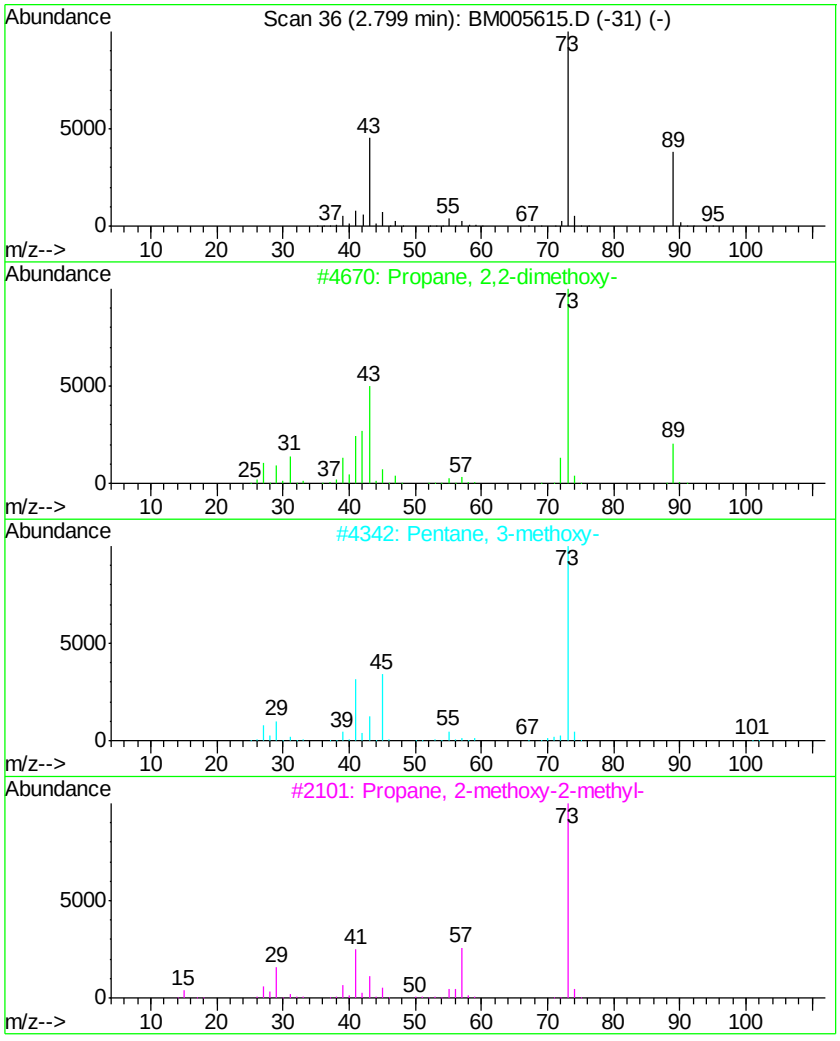
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

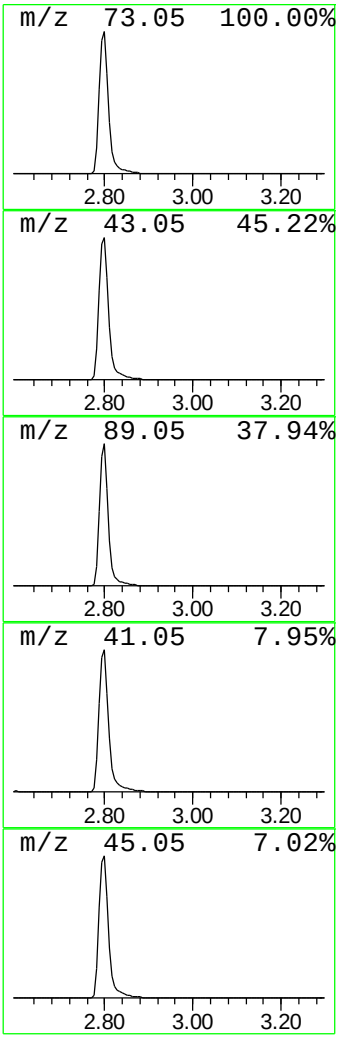
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	556.66 ng/ul	17825600	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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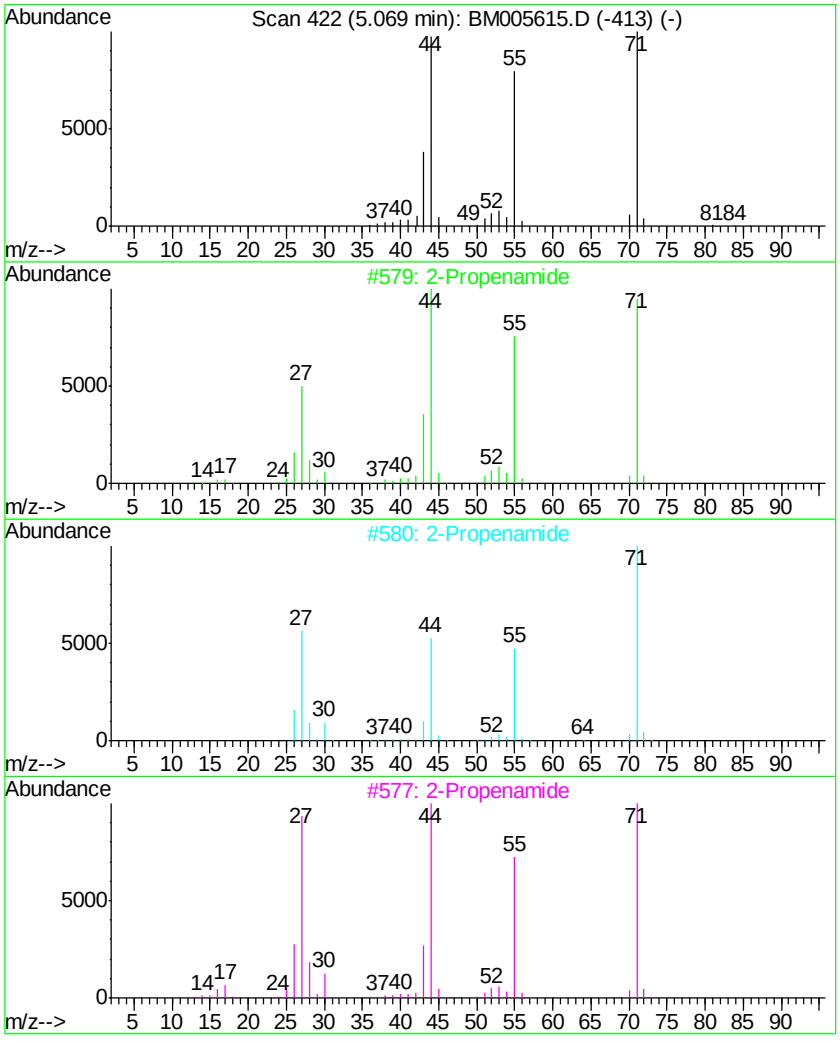
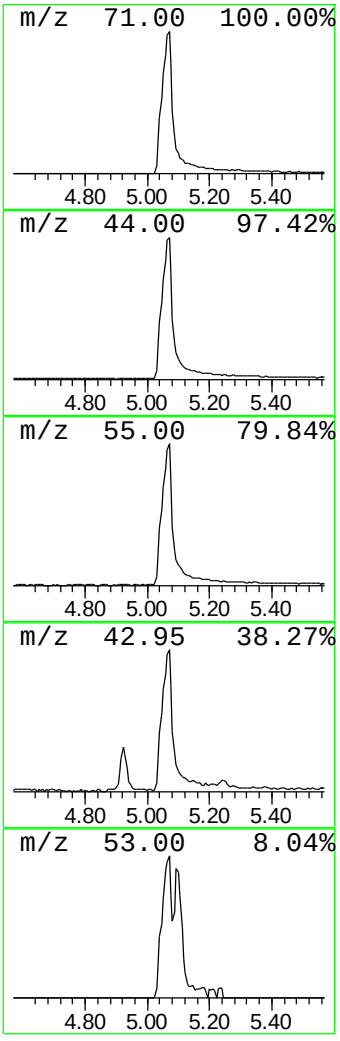
Peak Number 2 2-Propenamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	18.79 ng/ul	601654	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide	71	C3H5NO	000079-06-1	91
2	2-Propenamide	71	C3H5NO	000079-06-1	90
3	2-Propenamide	71	C3H5NO	000079-06-1	90
4	2-Propenamide	71	C3H5NO	000079-06-1	90
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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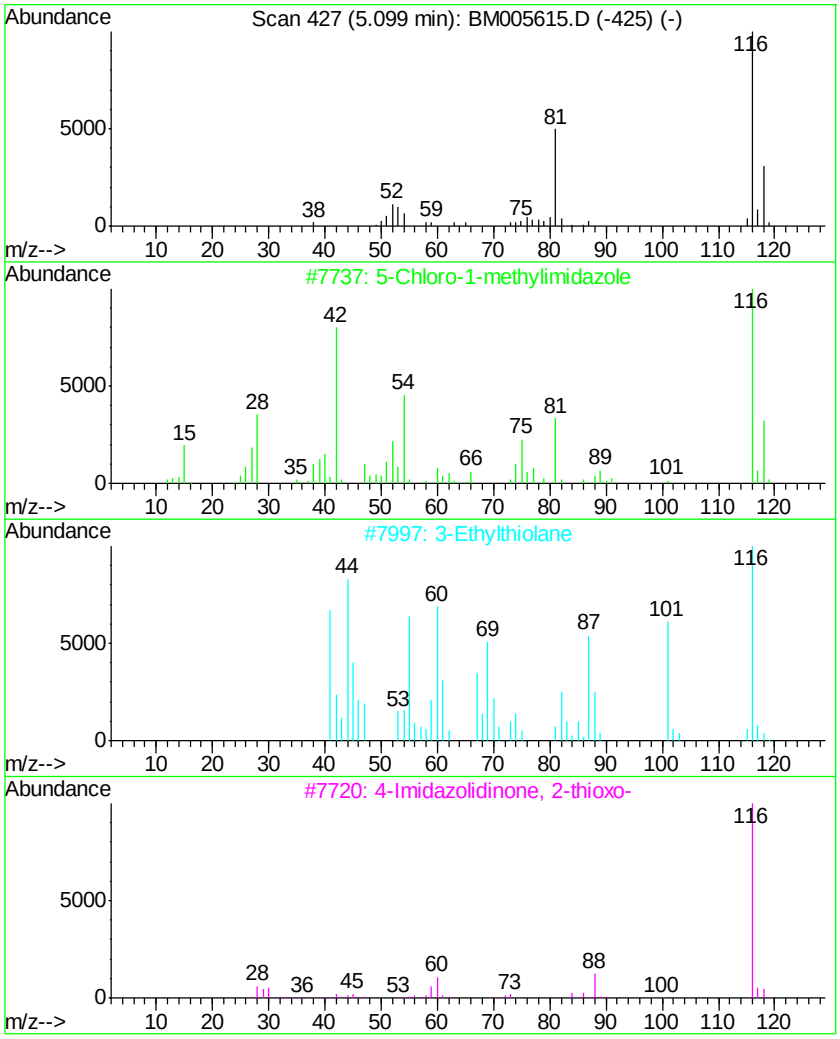
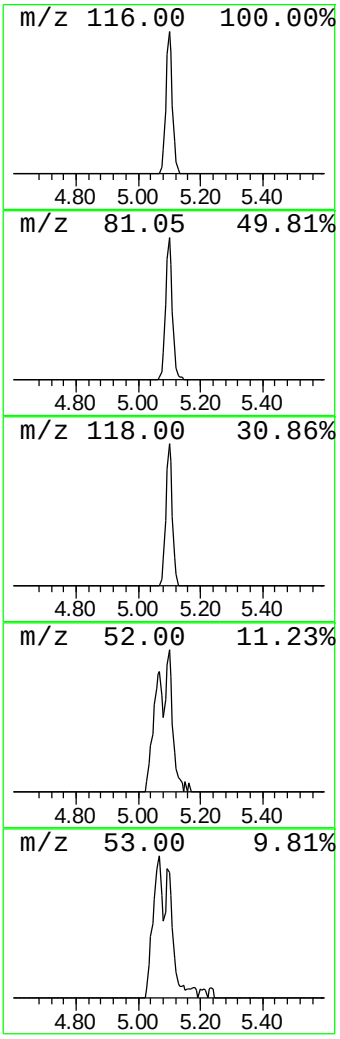
Peak Number 3 5-Chloro-1-methylimidazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	6.08 ng/ul	194549	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-1-methylimidazole	116	C4H5ClN2	000872-49-1	53
2	3-Ethylthiolane	116	C6H12S	062184-67-2	38
3	4-Imidazolidinone, 2-thioxo-	116	C3H4N2OS	000503-87-7	9
4	Indene	116	C9H8	000095-13-6	9
5	Pyrimidine,2,4-difluoro-	116	C4H2F2N2	002802-61-1	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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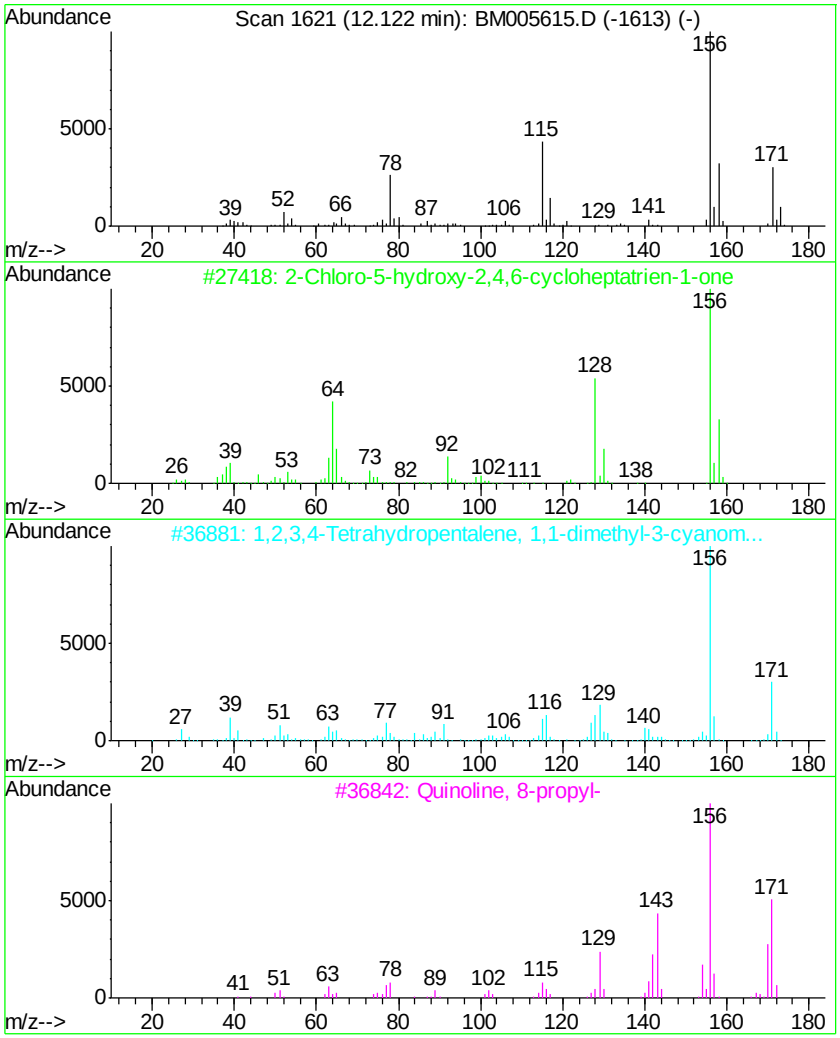
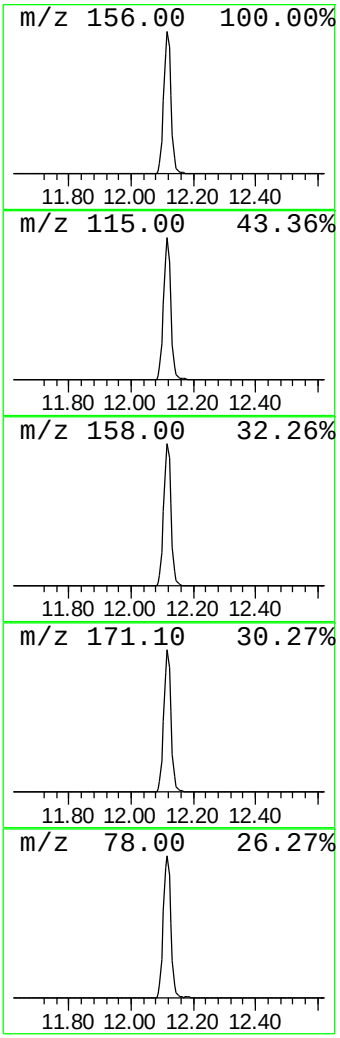
Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	18.32 ng/ul	808426	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
4	Chloroxylenol	156	C8H9ClO	000088-04-0	32
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





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Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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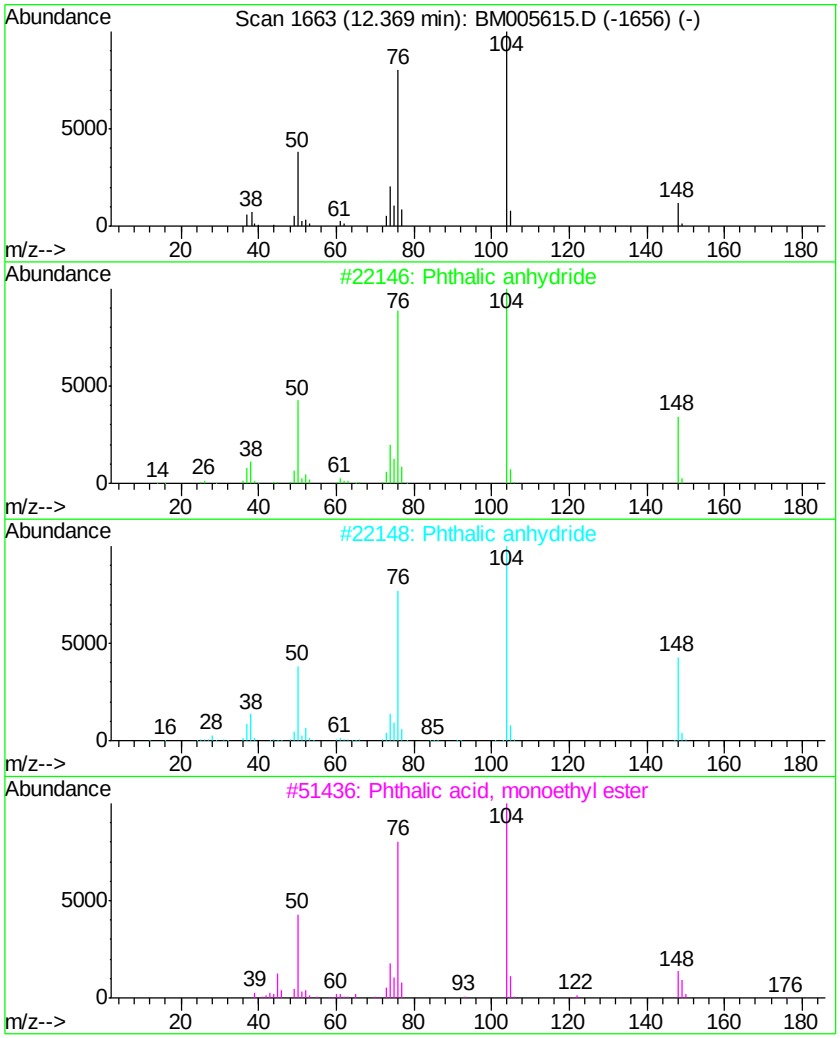
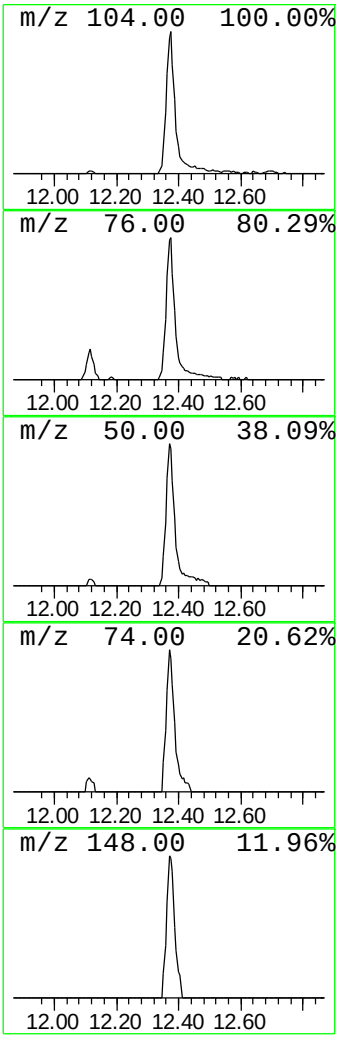
****

Peak Number 5 Phthalic anhydride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.14 ng/ul	182603	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalic anhydride	148	C8H4O3	000085-44-9	95
3	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
5	Phthalic anhydride	148	C8H4O3	000085-44-9	87





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Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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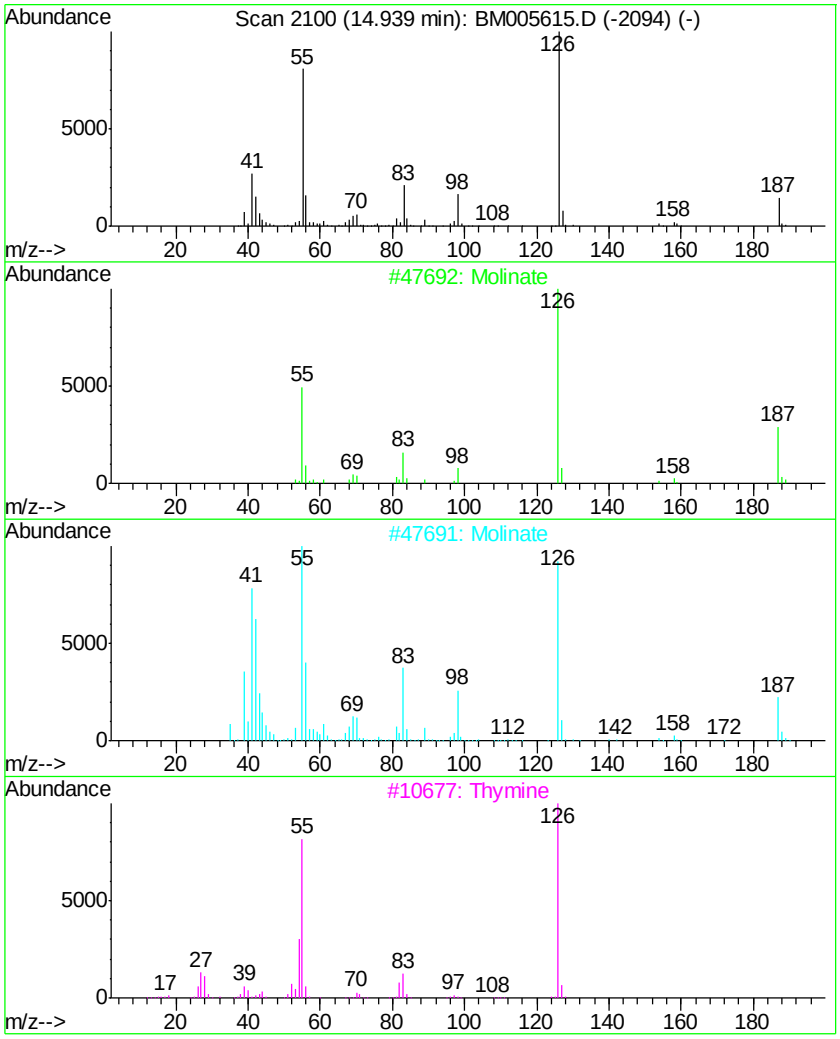
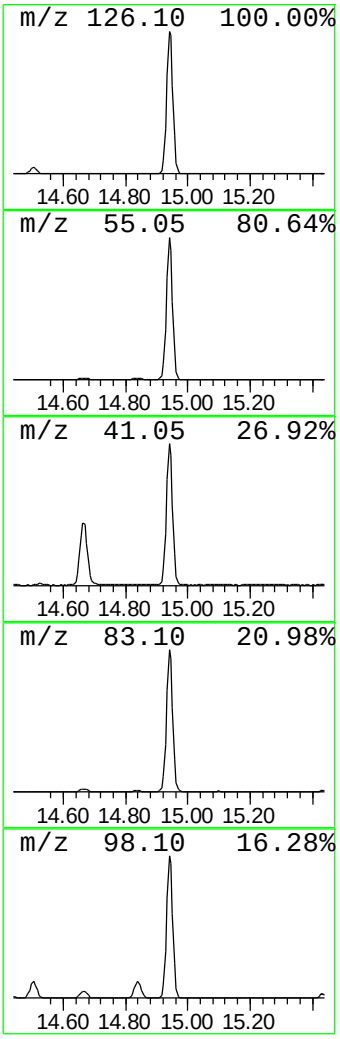
Peak Number 6 Molinate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	24.90 ng/ul	1425550	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	97
2	Molinate	187	C9H17NOS	002212-67-1	64
3	Thymine	126	C5H6N2O2	000065-71-4	64
4	4,5-Diamino-2-hydroxypyrimidine	126	C4H6N4O	023899-73-2	50
5	4(1H)-Pyrimidinone, 2,6-diamino-	126	C4H6N4O	000056-06-4	50





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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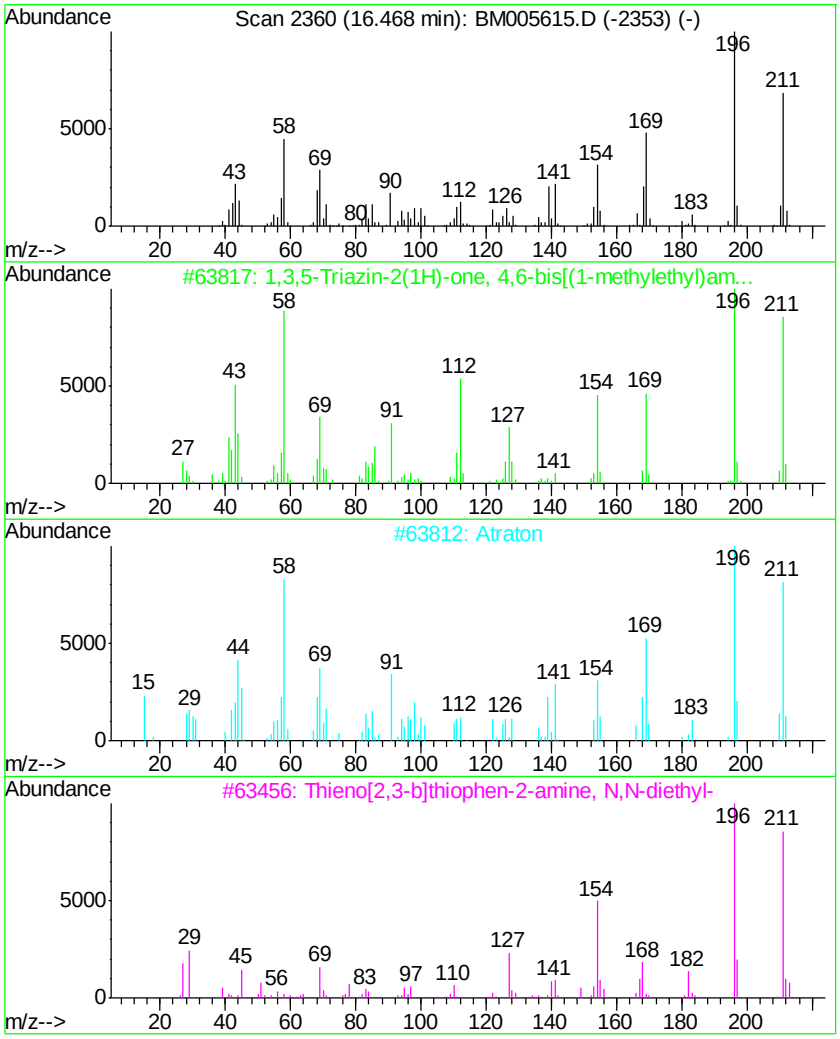
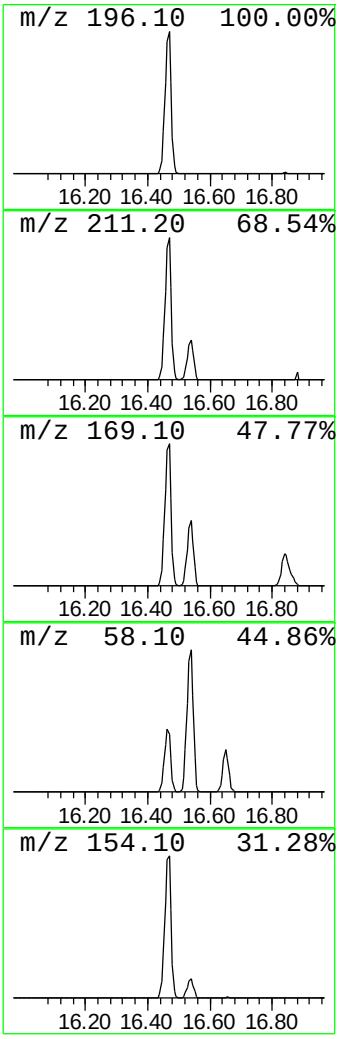
Peak Number 7 1,3,5-Triazin-2(1H)-one, 4,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	34.12 ng/ul	2342590	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-bis...	211	C9H17N5O	007374-53-0	86
2	Atraton	211	C9H17N5O	001610-17-9	80
3	Thieno[2,3-b]thiophen-2-amine, N...	211	C10H13NS2	134662-66-1	43
4	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	25
5	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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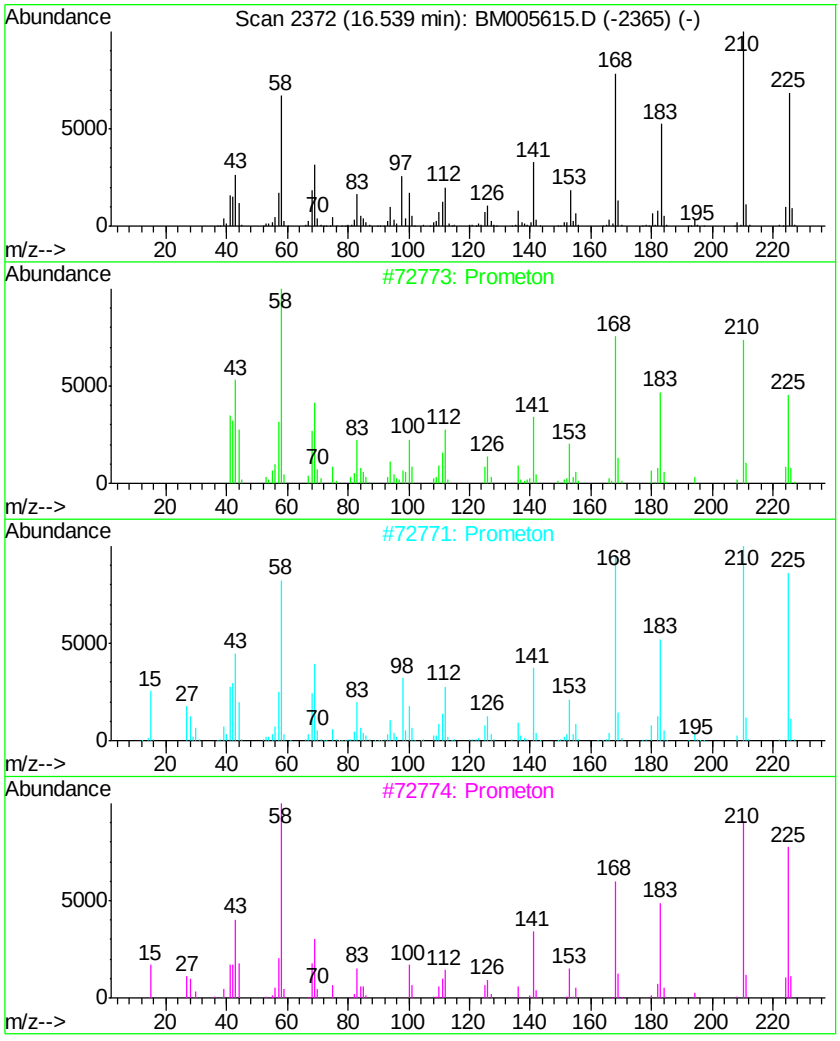
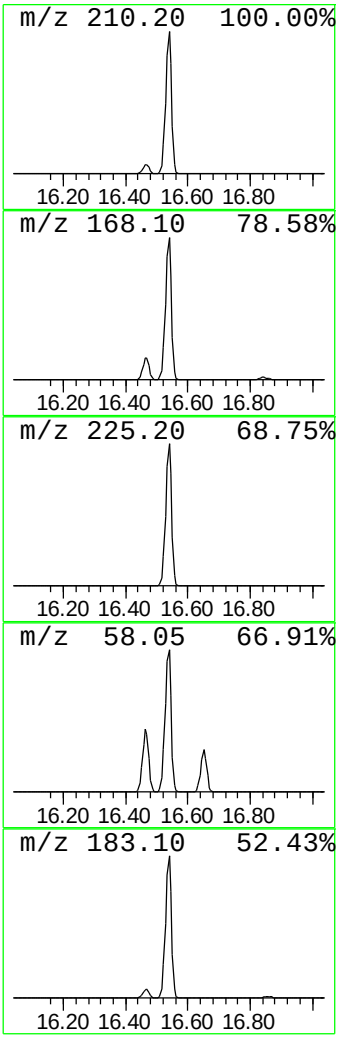
Peak Number 8 Prometon Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	59.05 ng/ul	4053600	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prometon	225	C10H19N5O	001610-18-0	99
2	Prometon	225	C10H19N5O	001610-18-0	99
3	Prometon	225	C10H19N5O	001610-18-0	99
4	Prometon	225	C10H19N5O	001610-18-0	97
5	1,3,5-Triazine-2,4-diamine, N-(1...	225	C10H19N5O	033693-04-8	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

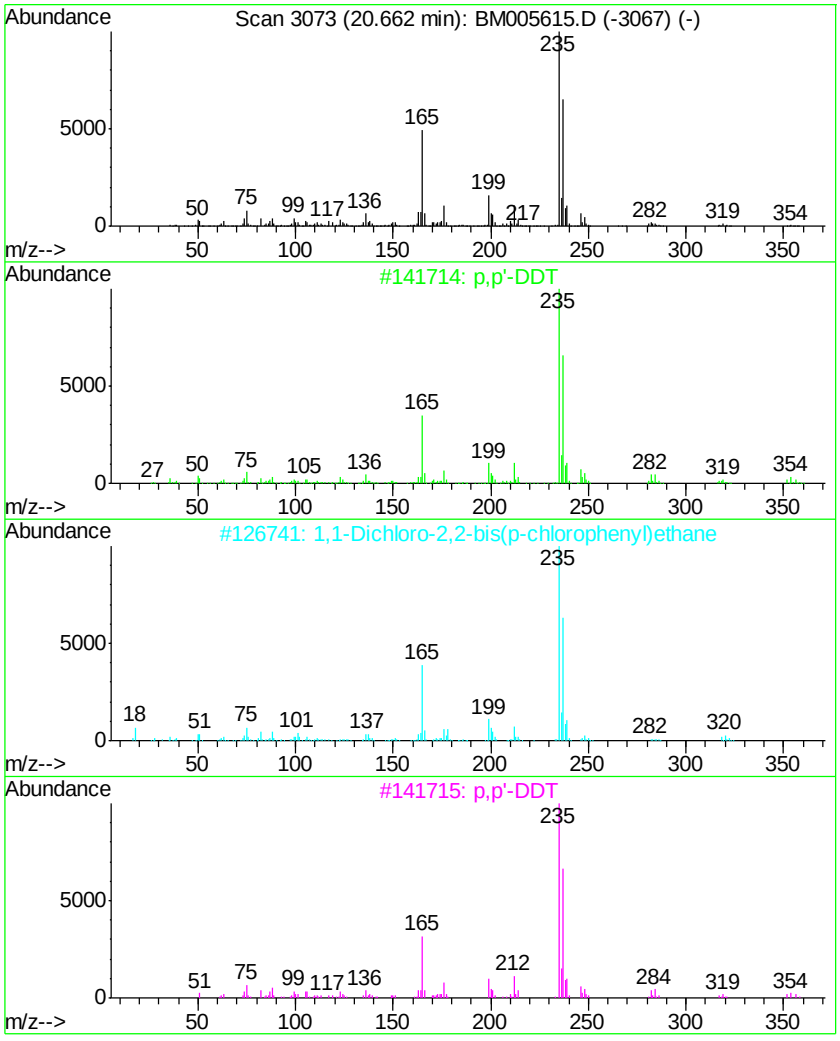
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

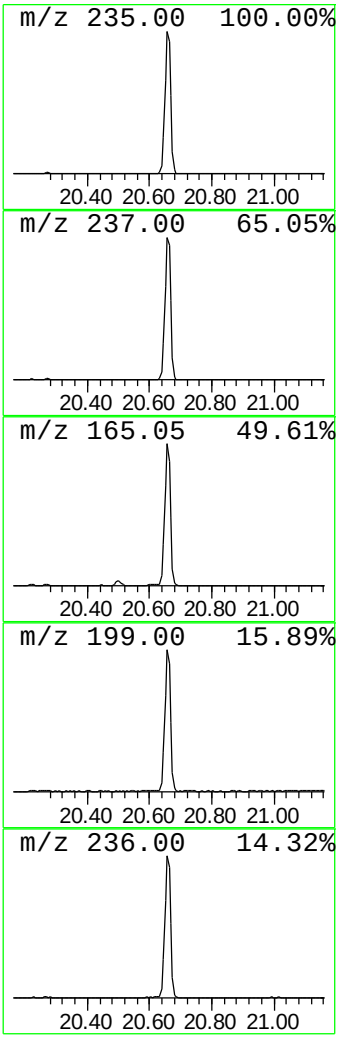
****

Peak Number 9 p,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	43.96 ng/ul	3515440	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	94
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	92
4	Mitotane	318	C14H10Cl4	000053-19-0	91
5	m,p'-DDD	318	C14H10Cl4	004329-12-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005615.D
Acq On : 23 May 2016 18:15
Operator : UM/SJ
Sample : H2853-25
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	2.80	556.7	ng/ul	17825600	1	7.80	640447	20.0
2-Propenamide	5.07	18.8	ng/ul	601654	1	7.80	640447	20.0
5-Chloro-1-methyl...	5.10	6.1	ng/ul	194549	1	7.80	640447	20.0
unknown-01	12.12	18.3	ng/ul	808426	2	10.59	882662	20.0
Phthalic anhydride	12.37	4.1	ng/ul	182603	2	10.59	882662	20.0
Molinate	14.94	24.9	ng/ul	1425550	3	14.44	1145250	20.0
1,3,5-Triazin-2(1...	16.47	34.1	ng/ul	2342590	4	17.19	1373010	20.0
Prometon	16.54	59.0	ng/ul	4053600	4	17.19	1373010	20.0
p,p'-DDT	20.66	44.0	ng/ul	3515440	5	21.36	1599410	20.0