LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

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-BM081116.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	2.863	41	47	73	rVB2	37907446	74433696	100.00%	26.782%
2	5.069	412	422	428	rBV	628245	1477837	1.99%	0.532%
3	6.975	739	746	748	rBV	1205962	1906985	2.56%	0.686%
4	7.145	768	775	782	rBV	890456	1409438	1.89%	0.507%
5	7.340	802	808	819	rBV	1253338	2079360	2.79%	0.748%
6	7.804	872	887	895	rVB2	982901	1810543	2.43%	0.651%
7	8.245	953	962	968	rBV	1714599	2736391	3.68%	0.985%
8	8.504	995	1006	1017	rBV2	1416536	2537526	3.41%	0.913%
9	8.957	1072	1083	1093	rBV	1017982	1750579	2.35%	0.630%
10	9.675	1198	1205	1218	rBV	869131	1486041	2.00%	0.535%
11	10.210	1287	1296	1308	rBV	1421442	2407045	3.23%	0.866%
12	10.592	1352	1361	1369	rBV	1233058	2082090	2.80%	0.749%
13	10.728	1376	1384	1398	rBV	1093198	1858979	2.50%	0.669%
14	12.363	1654	1662	1679	rBV	644148	1161863	1.56%	0.418%
15	13.845	1908	1914	1919	rBV	2374500	3377324	4.54%	1.215%
16	14.127	1955	1962	1965	rBV	2546321	4145188	5.57%	1.491%
17	14.157	1965	1967	1977	rVB	1641599	2087271	2.80%	0.751%
18	14.439	2008	2015	2020	rBV2	1692489	2672009	3.59%	0.961%
19	14.498	2020	2025	2034	rVB	1802157	2731563	3.67%	0.983%
20	14.639	2041	2049	2062	rBV	1036045	1695174	2.28%	0.610%
21	14.833	2072	2082	2094	rBV2	2334384	4425576	5.95%	1.592%
22	14.939	2094	2100	2113	rVB	2006390	2902164	3.90%	1.044%
23	15.263	2149	2155	2161	rVB	2676350	3510590	4.72%	1.263%
24	15.427	2176	2183	2188	rBV	3258055	4846009	6.51%	1.744%
25	15.486	2188	2193	2198	rVB	1898625	2654912	3.57%	0.955%
26	15.545	2198	2203	2216	rVB	968486	1402203	1.88%	0.505%
27	15.698	2220	2229	2234	rBV	3929045	5602528	7.53%	2.016%
28	16.463	2353	2359	2365	rBV	2279932	2987431	4.01%	1.075%
29	16.539	2365	2372	2384	rVV	6921429	9229940	12.40%	3.321%
30	16.651	2384	2391	2401	rVB	3844624	5267593	7.08%	1.895%
31	16.833	2415	2422	2423	rBV	4100610	5140896	6.91%	1.850%
32	16.857	2423	2426	2438	rVB	6033765	8446977	11.35%	3.039%
33	17.180	2474	2481	2488	rBV2	2249825	3235300	4.35%	1.164%
34	17.280	2491	2498	2501	rBV2	3705791	5401364	7.26%	1.943%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

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-BM081116.M
Title : SVOA CALIBRATION

35	17.315	2501	2504	2515	rVB	1483291	2053663	2.76%	0.739%
36	18.151	2639	2646	2649	rBV	2574160	3307581	4.44%	1.190%
37	18.192	2649	2653	2659	rVB	4972154	6179401	8.30%	2.223%
38	19.574	2881	2888	2895	rBV	4684283	6526690	8.77%	2.348%
39	20.503	3041	3046	3050	rBV	4245946	4906356	6.59%	1.765%
40	20.662	3067	3073	3078	rVB	7428765	8863015	11.91%	3.189%
41	21.362	3187	3192	3201	rVB	3564815	4455333	5.99%	1.603%
42	22.174	3324	3330	3339	rBV	4101001	5223420	7.02%	1.879%
43	22.956	3455	3463	3467	rBV	4560725	8440578	11.34%	3.037%
44	23.003	3467	3471	3478	rVB	4356536	6966109	9.36%	2.506%
45	23.497	3547	3555	3558	rBV	3593346	7134263	9.58%	2.567%
46	23.539	3558	3562	3571	rVB	3713429	7286413	9.79%	2.622%
47	23.639	3572	3579	3586	rBV	2267530	4353332	5.85%	1.566%
48	25.944	3959	3971	3985	rVB2	4292340	13309131	17.88%	4.789%
49	26.644	4078	4090	4104	rVB	2577425	8018873	10.77%	2.885%

Sum of corrected areas: 277924543

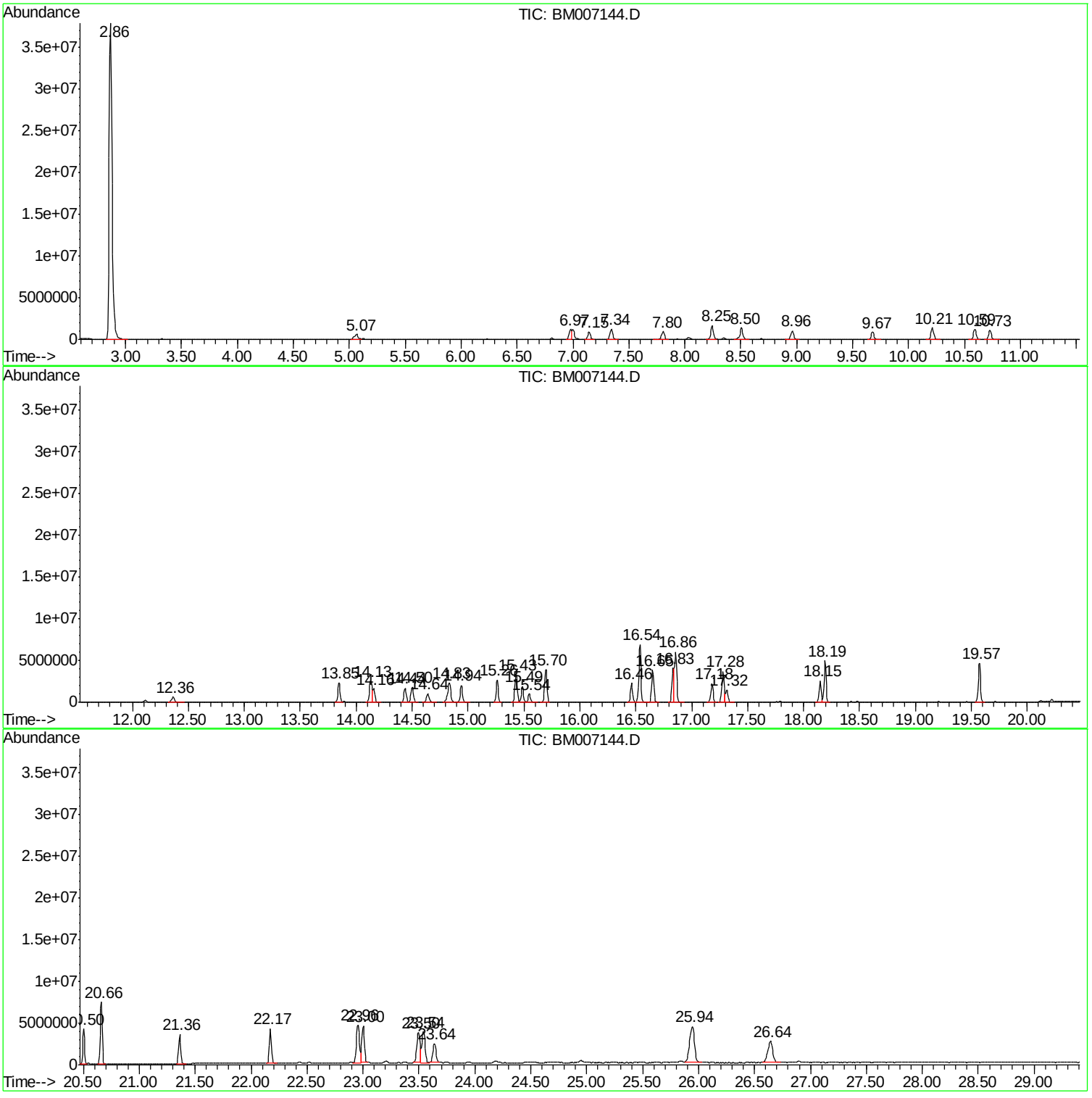
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

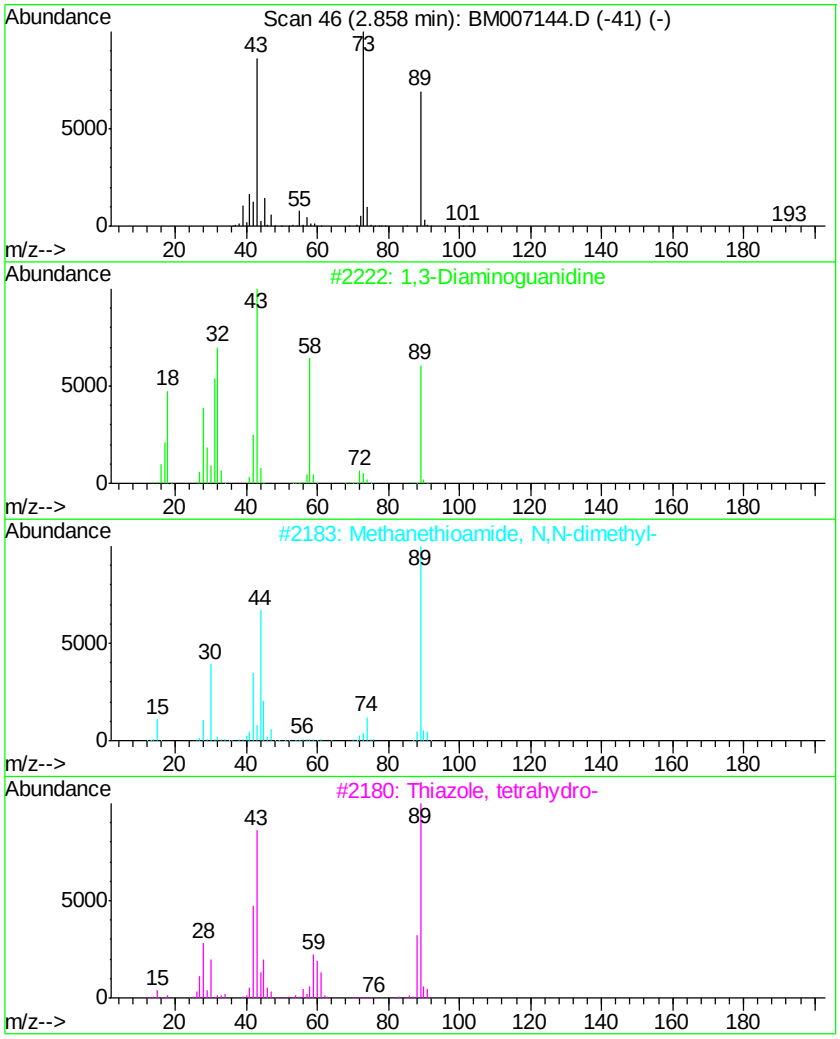
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

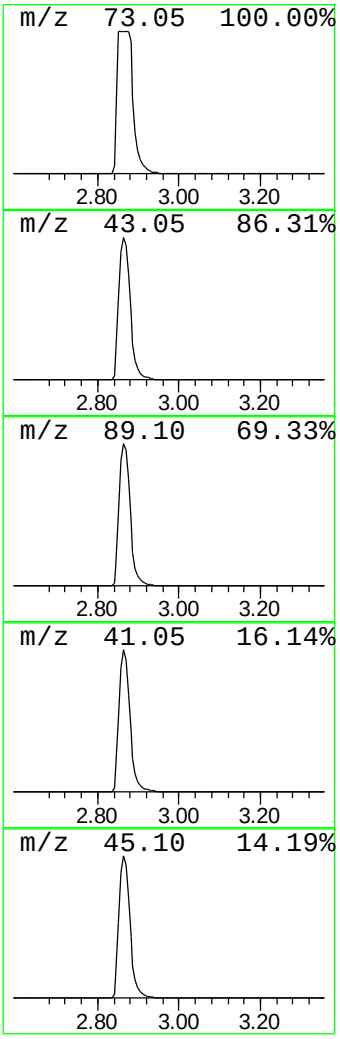
****

Peak Number 1 1,3-Diaminoguanidine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	822.23 ng/ul	74433700	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	72
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	56
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9
4	Thiopropionamide	89	C3H7NS	000631-58-3	9
5	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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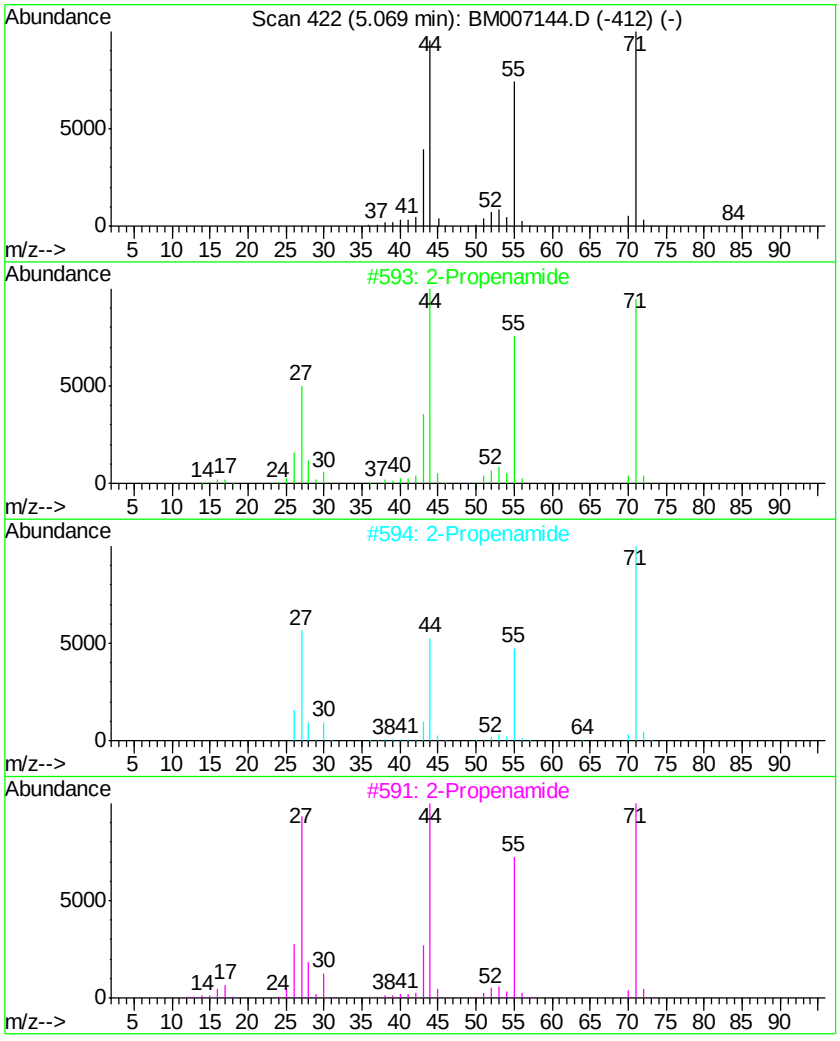
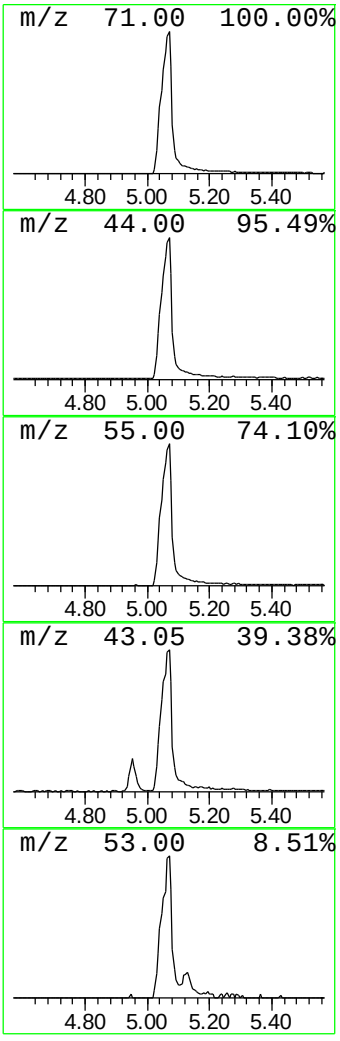
Peak Number 2 2-Propenamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	16.32 ng/ul	1477840	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	Cyclobutanol	72	C4H8O	002919-23-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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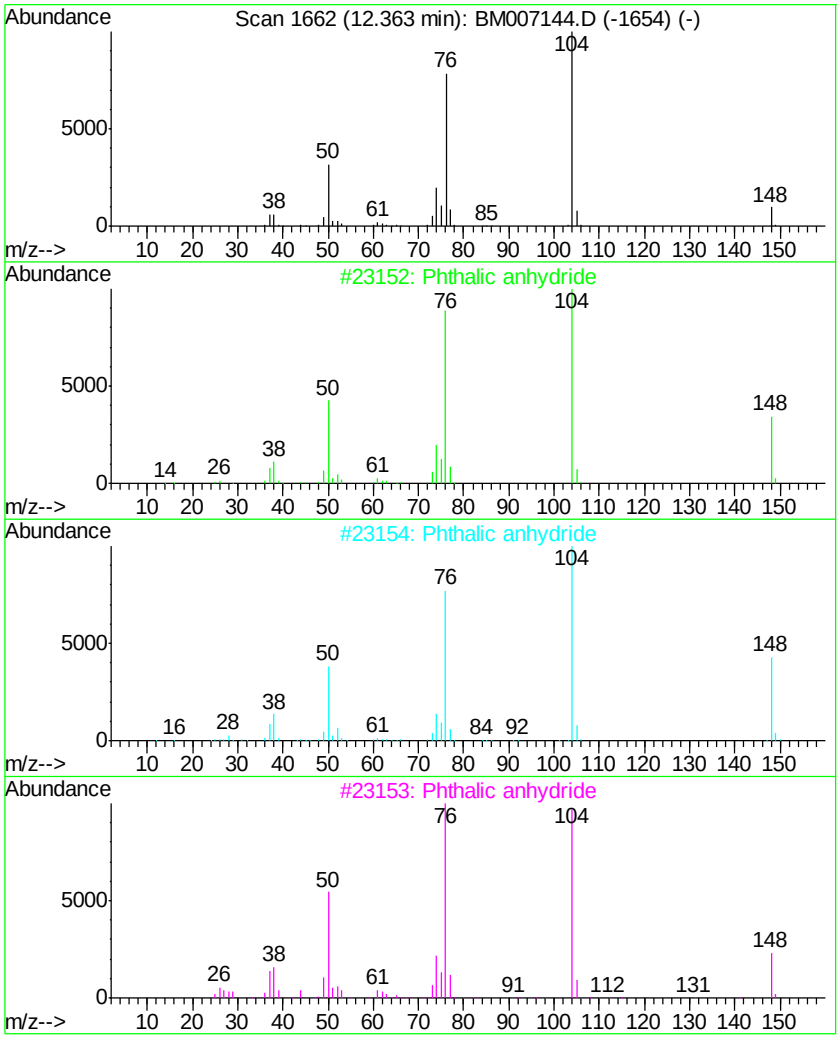
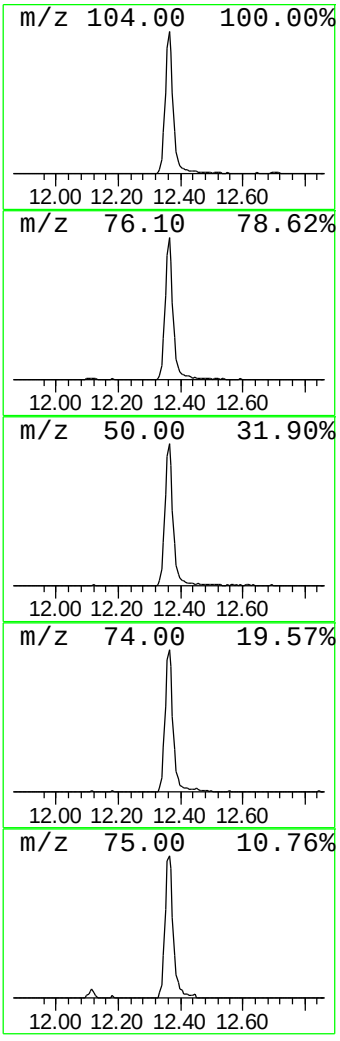
Peak Number 3 Phthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	11.16 ng/ul	1161860	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 anhydride	148	C8H4O3	000085-44-9	90
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
5	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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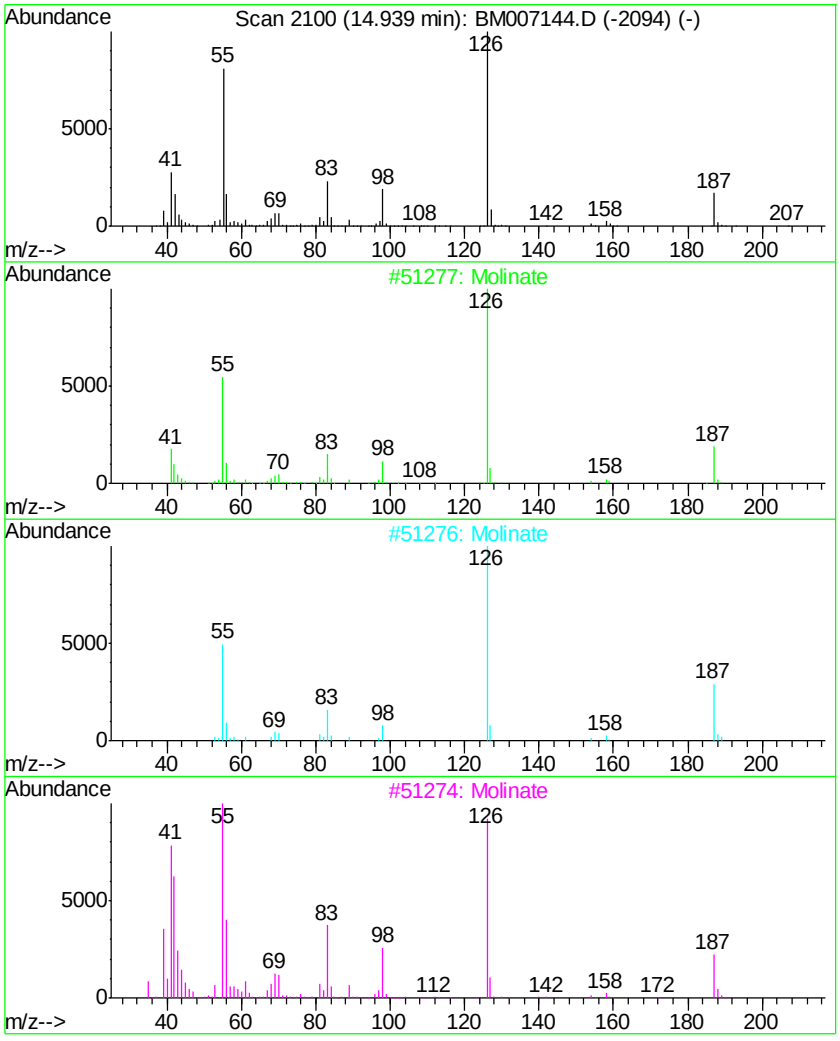
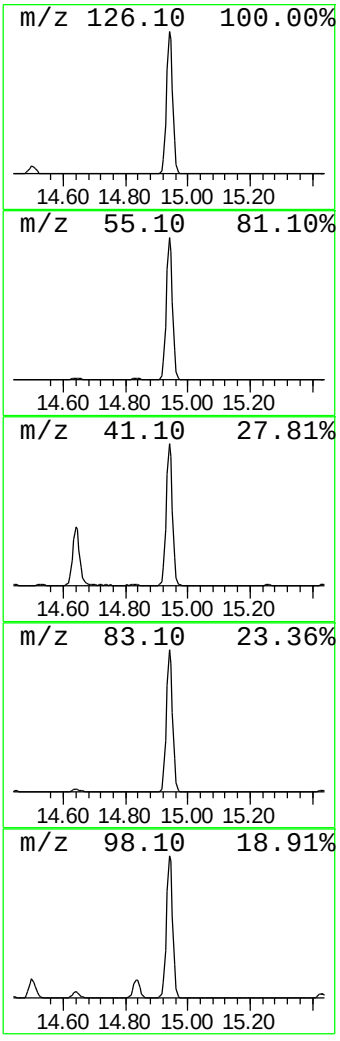
Peak Number 4 Molinate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	21.72 ng/ul	2902160	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	93
3	Molinate	187	C9H17NOS	002212-67-1	83
4	Thymine	126	C5H6N2O2	000065-71-4	64
5	Thymine	126	C5H6N2O2	000065-71-4	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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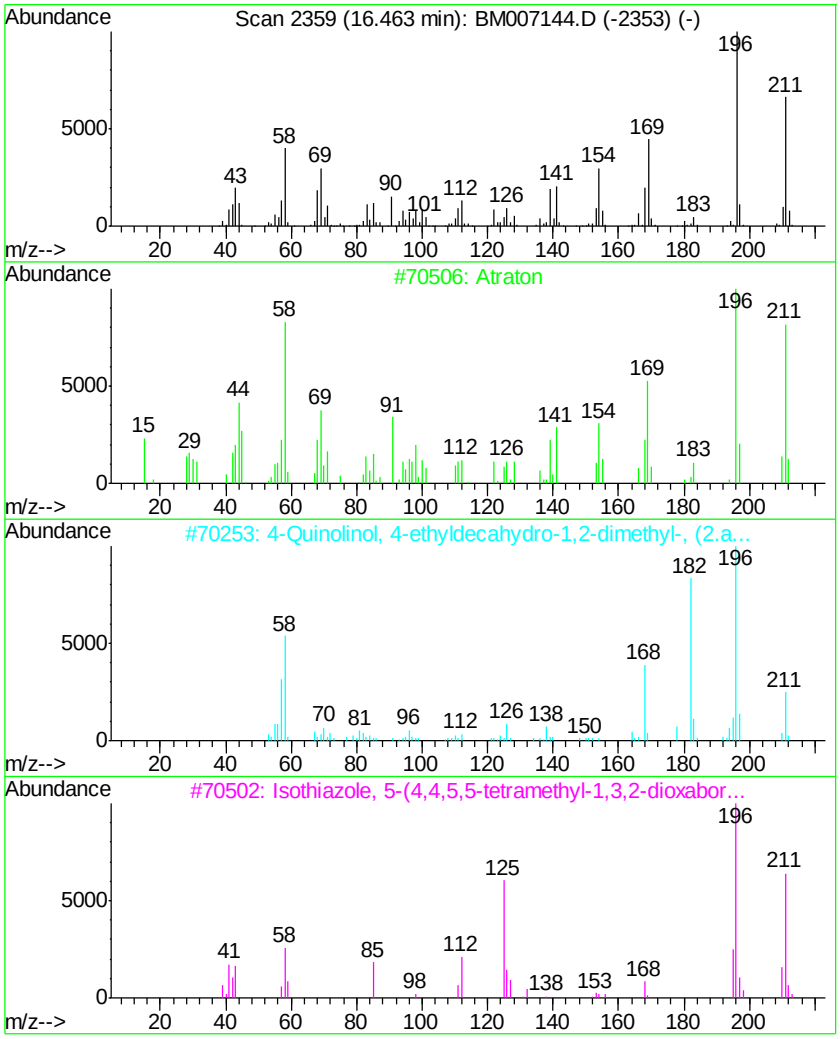
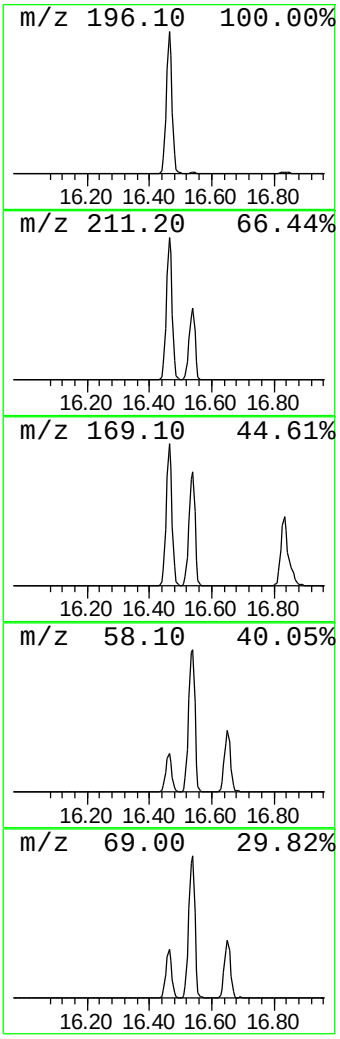
Peak Number 5 Atraton Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	18.47 ng/ul	2987430	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Atraton	211	C9H17N5O	001610-17-9	80
2	4-Quinolinol, 4-ethyldecahydro-1...	211	C13H25NO	020422-70-2	47
3	Isothiazole, 5-(4,4,5,5-tetramet...	211	C9H14BNO2S	1000337-80-0	43
4	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	38
5	4-Quinolinol, 4-ethyldecahydro-1...	211	C13H25NO	020422-72-4	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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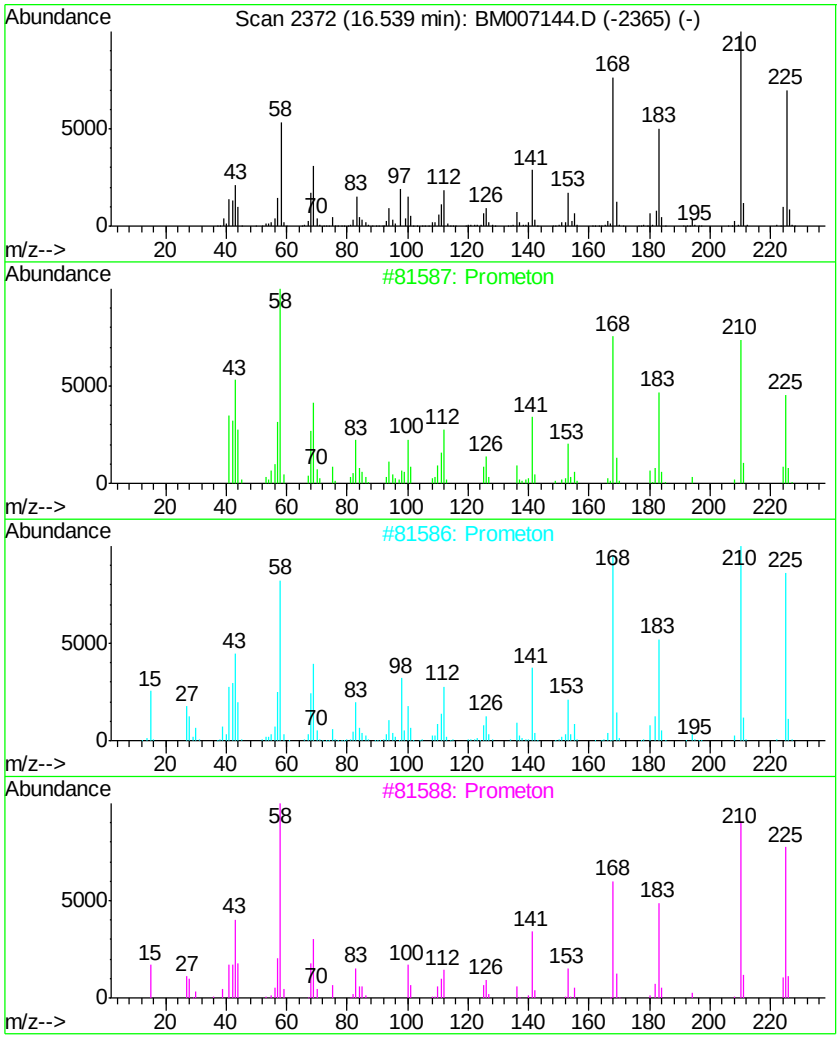
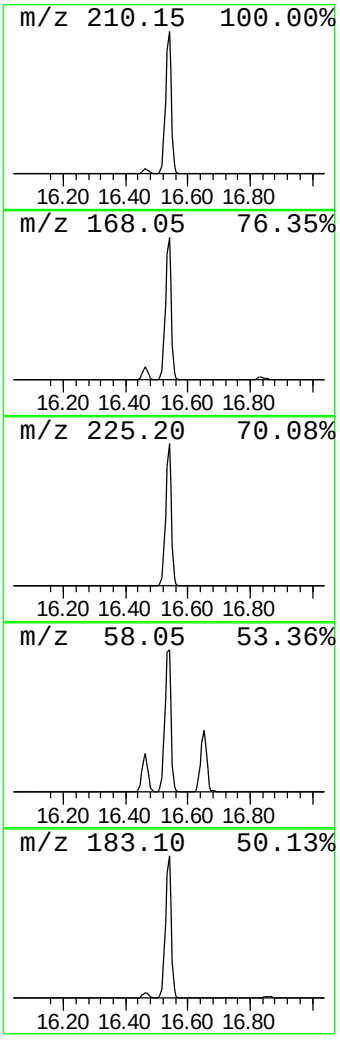
Peak Number 6 Prometon Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	57.06 ng/ul	9229940	Phenanthrene-d10	17.18

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	99
5	Prometon	225	C10H19N5O	001610-18-0	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

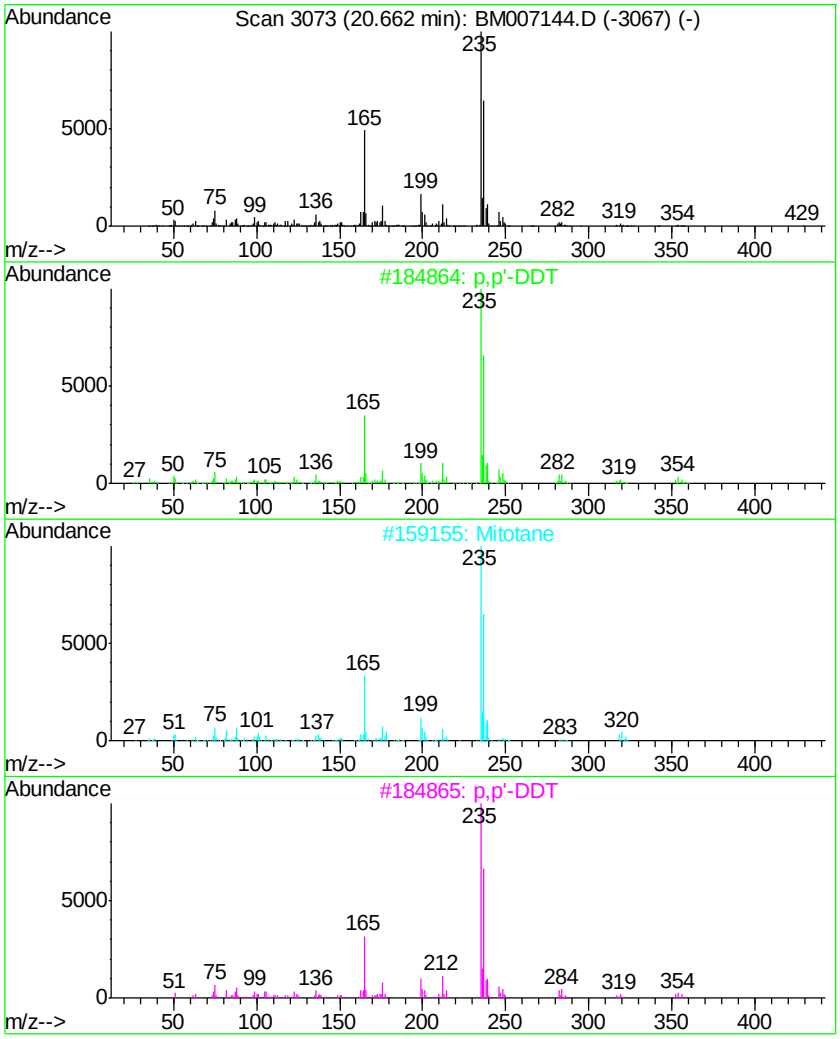
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

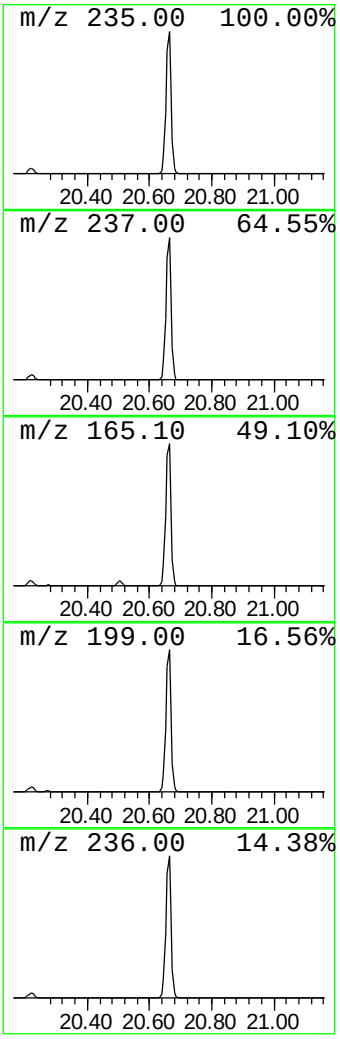
****

Peak Number 7 p,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	39.79 ng/ul	8863020	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	98
2	Mitotane	318	C14H10Cl4	000053-19-0	96
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	95
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Diaminoguanidine	2.86	822.2	ng/ul	74433700	1	7.80	1810540	20.0
2-Propenamide	5.07	16.3	ng/ul	1477840	1	7.80	1810540	20.0
Phthalic anhydride	12.36	11.2	ng/ul	1161860	2	10.59	2082090	20.0
Molinate	14.94	21.7	ng/ul	2902160	3	14.44	2672010	20.0
Atraton	16.46	18.5	ng/ul	2987430	4	17.18	3235300	20.0
Prometon	16.54	57.1	ng/ul	9229940	4	17.18	3235300	20.0
p,p'-DDT	20.66	39.8	ng/ul	8863020	5	21.36	4455330	20.0