LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

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-BM041416.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	2.846	21	27	53	rVB	4845627	9784339	100.00%	14.481%
2	5.093	396	409	427	rBV	170315	555472	5.68%	0.822%
3	6.981	723	730	732	rBV	333014	530601	5.42%	0.785%
4	7.004	732	734	744	rVB	329410	477937	4.88%	0.707%
5	7.146	751	758	769	rVB	245550	384244	3.93%	0.569%
6	7.346	786	792	802	rBV	324065	517249	5.29%	0.766%
7	7.810	862	871	880	rBV	300068	485038	4.96%	0.718%
8	8.251	939	946	957	rBV	500307	802717	8.20%	1.188%
9	8.510	984	990	1004	rVB	415131	678402	6.93%	1.004%
10	8.969	1061	1068	1077	rBV	301125	502152	5.13%	0.743%
11	9.687	1184	1190	1199	rBV	257380	428037	4.37%	0.633%
12	10.222	1274	1281	1293	rBV	412712	712896	7.29%	1.055%
13	10.598	1338	1345	1357	rBV	449352	774612	7.92%	1.146%
14	10.734	1361	1368	1383	rBV	198134	360871	3.69%	0.534%
15	12.122	1598	1604	1612	rBV	282882	439595	4.49%	0.651%
16	12.375	1641	1647	1668	rBV	267101	519372	5.31%	0.769%
17	13.857	1892	1899	1904	rBV	775107	1101845	11.26%	1.631%
18	14.139	1939	1947	1950	rBV	826869	1349255	13.79%	1.997%
19	14.169	1950	1952	1967	rVB	545523	703939	7.19%	1.042%
20	14.451	1993	2000	2005	rBV2	679753	1078128	11.02%	1.596%
21	14.510	2005	2010	2019	rVB	603538	919265	9.40%	1.361%
22	14.669	2027	2037	2057	rBV	281429	491983	5.03%	0.728%
23	14.845	2061	2067	2079	rVV	722299	1303644	13.32%	1.929%
24	14.951	2079	2085	2097	rVB	676008	999191	10.21%	1.479%
25	15.269	2133	2139	2145	rBV	870019	1167296	11.93%	1.728%
26	15.445	2162	2169	2173	rBV	1032415	1605538	16.41%	2.376%
27	15.498	2173	2178	2184	rVV	639216	915550	9.36%	1.355%
28	15.563	2184	2189	2199	rVB	372660	502091	5.13%	0.743%
29	15.710	2204	2214	2219	rBV	1220424	1783831	18.23%	2.640%
30	16.474	2338	2344	2350	rBV	840576	1259907	12.88%	1.865%
31	16.551	2350	2357	2362	rVV	1786412	2675548	27.35%	3.960%
32	16.669	2370	2377	2386	rVB	895930	1319471	13.49%	1.953%
33	16.874	2402	2412	2418	rBV2	1627164	3828909	39.13%	5.667%
34	17.198	2460	2467	2473	rBV2	909376	1350681	13.80%	1.999%

LSC Area Percent Report

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Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

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-BM041416.M
Title : SVOA CALIBRATION

35	17.292	2477	2483	2487	rVV2	1184006	1884387	19.26%	2.789%
36	17.327	2487	2489	2504	rVB	540836	657480	6.72%	0.973%
37	18.157	2624	2630	2633	rBV	875141	1123496	11.48%	1.663%
38	18.204	2633	2638	2643	rVB	1523123	2037887	20.83%	3.016%
39	19.592	2867	2874	2881	rBV	1370419	2001116	20.45%	2.962%
40	20.515	3026	3031	3035	rBV	1243367	1435402	14.67%	2.124%
41	20.674	3053	3058	3063	rVB	1887492	2325567	23.77%	3.442%
42	21.380	3173	3178	3188	rBV	1081983	1407462	14.38%	2.083%
43	22.180	3309	3314	3325	rBV	984437	1250514	12.78%	1.851%
44	22.980	3442	3450	3454	rBV	957167	1709006	17.47%	2.529%
45	23.027	3454	3458	3469	rVB	944318	1550574	15.85%	2.295%
46	23.527	3535	3543	3547	rBV	759303	1554381	15.89%	2.300%
47	23.574	3547	3551	3560	rVV	739480	1343610	13.73%	1.989%
48	23.674	3560	3568	3580	rVB	579696	1124465	11.49%	1.664%
49	25.991	3950	3962	3980	rBV2	798570	2393948	24.47%	3.543%
50	26.703	4070	4083	4099	rBV	454213	1458600	14.91%	2.159%

Sum of corrected areas: 67567501

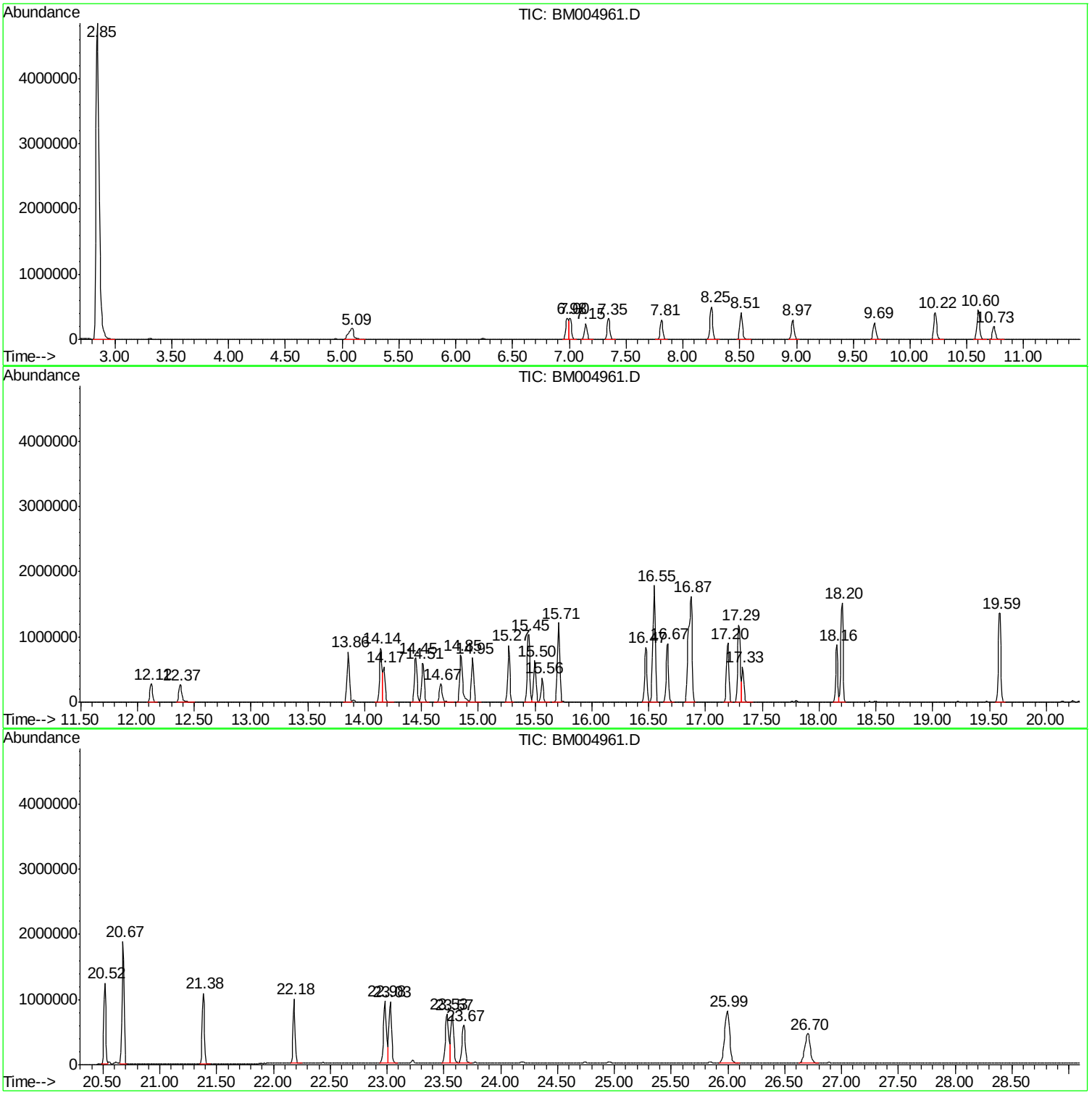
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

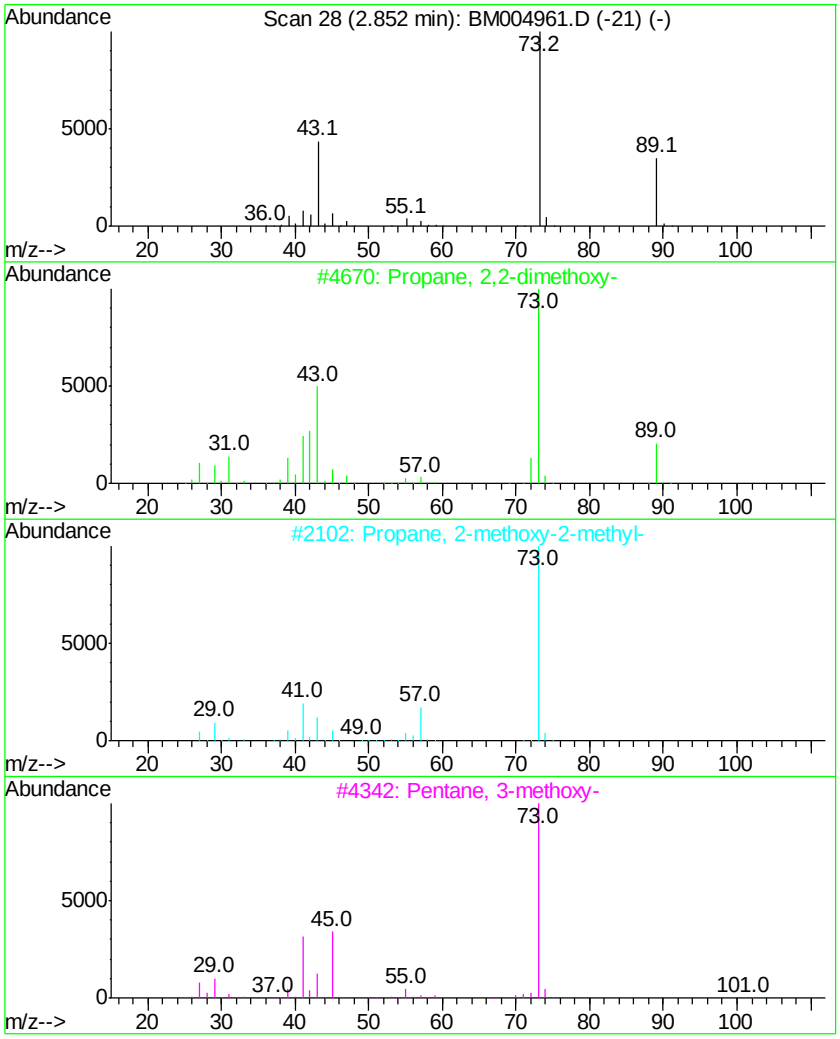
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

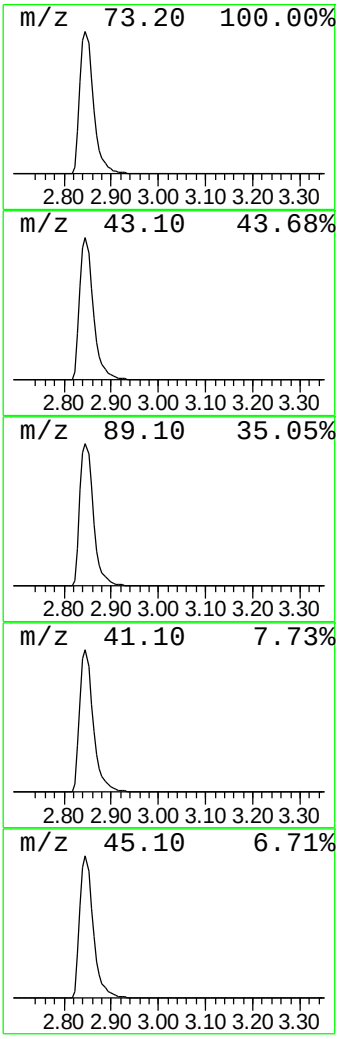
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	403.45 ng/ul	9784340	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

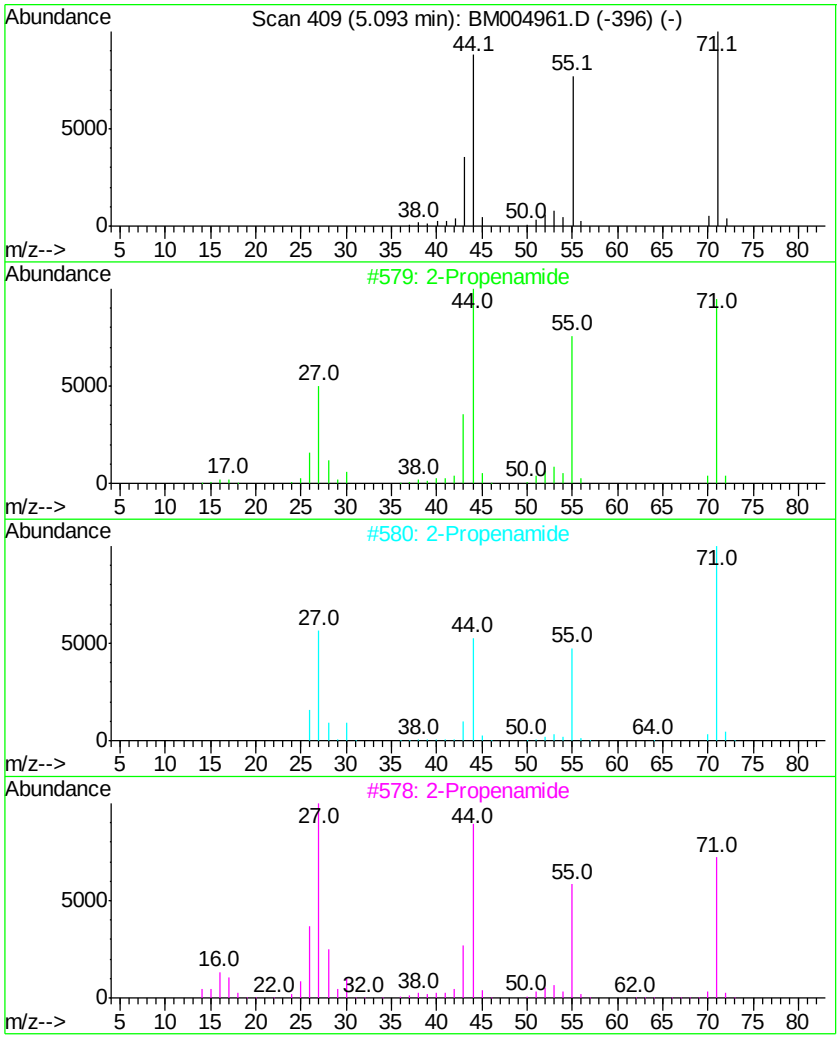
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

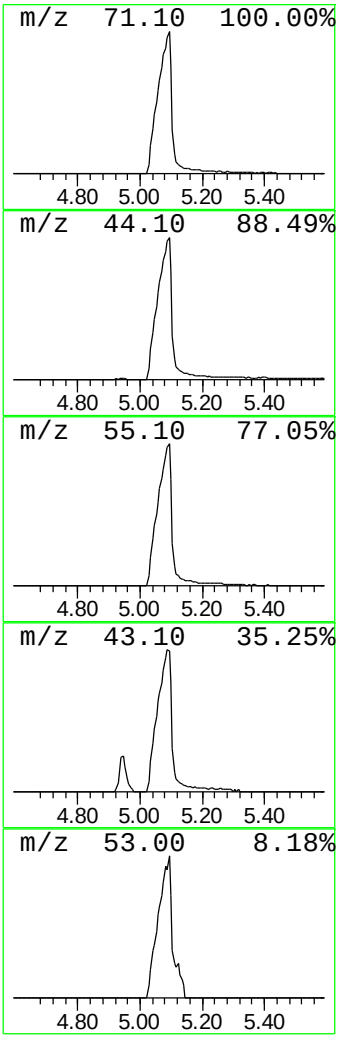
****

Peak Number 2 2-Propenamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	22.90 ng/ul	555472	1,4-Dichlorobenzene-d4	7.81

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	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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

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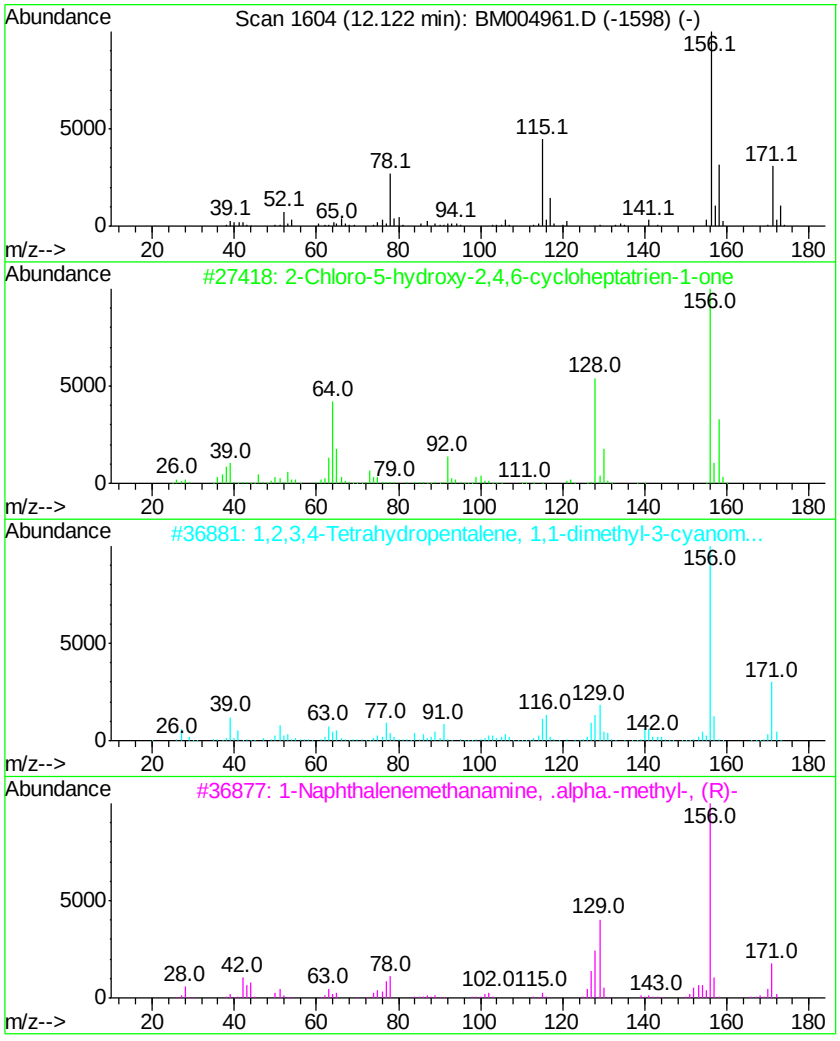
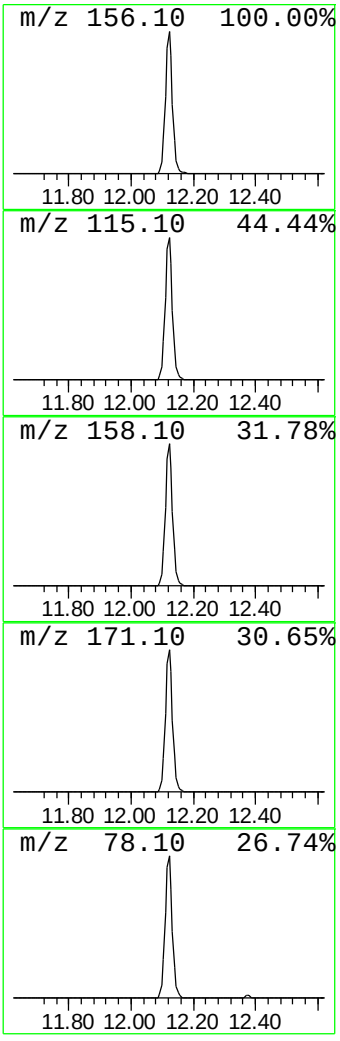
Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	11.35 ng/ul	439595	Naphthalene-d8	10.60

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	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	37
4	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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

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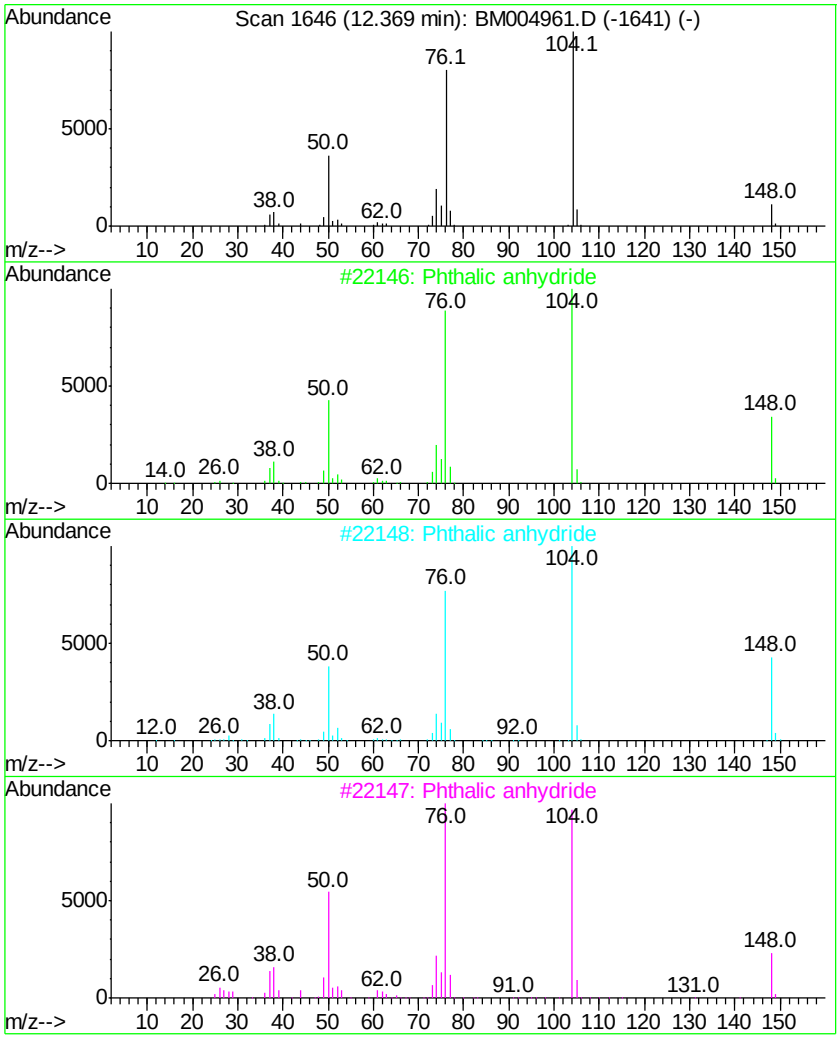
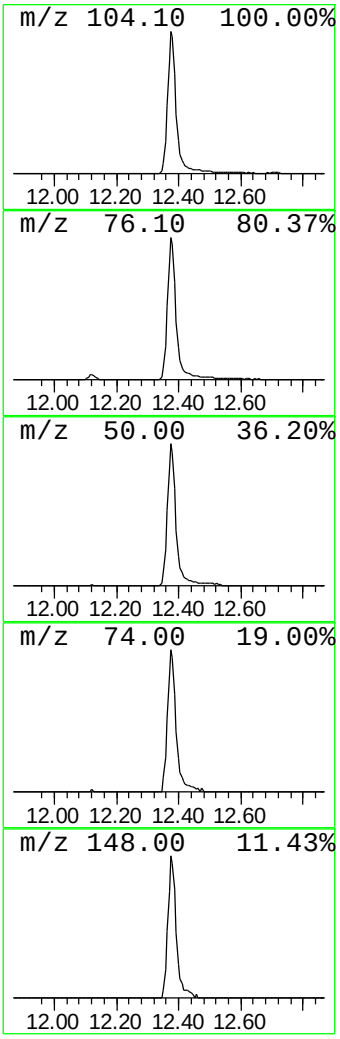
Peak Number 4 Phthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	13.41 ng/ul	519372	Naphthalene-d8	10.60

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	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
5	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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

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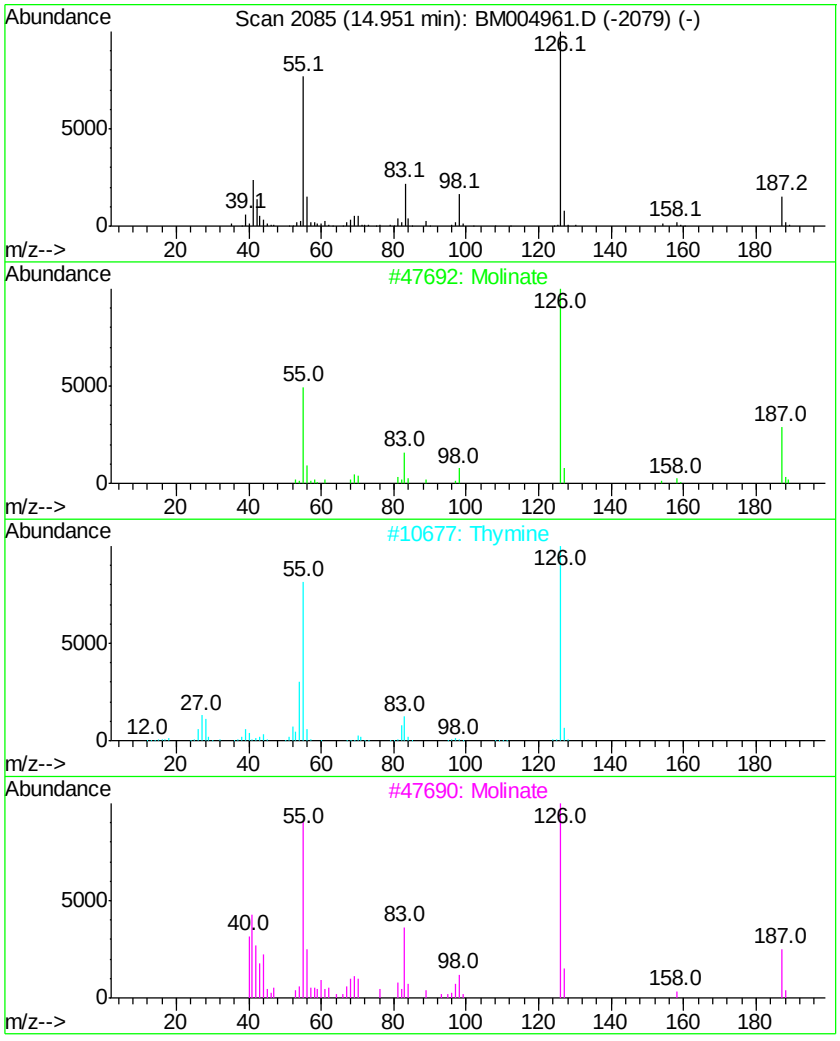
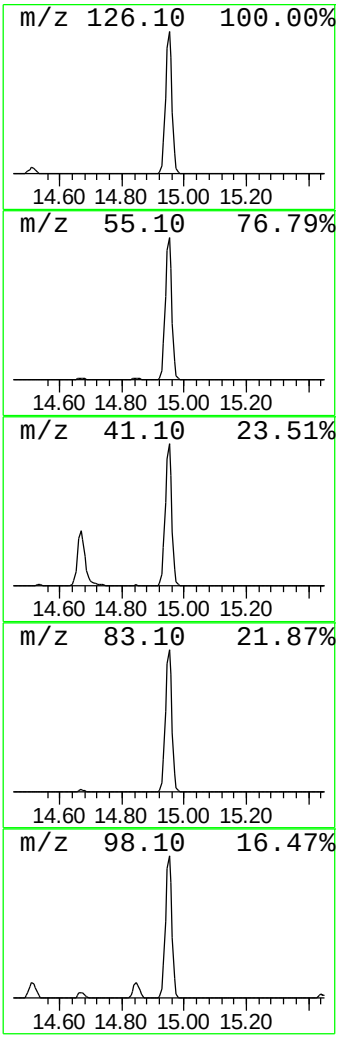
Peak Number 5 Molinate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	18.54 ng/ul	999191	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	96
2	Thymine	126	C5H6N2O2	000065-71-4	64
3	Molinate	187	C9H17NOS	002212-67-1	52
4	4(1H)-Pyrimidinone, 2,6-diamino-	126	C4H6N4O	000056-06-4	50
5	4(1H)-Pyrimidinone, 2,6-diamino-	126	C4H6N4O	000056-06-4	50





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Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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

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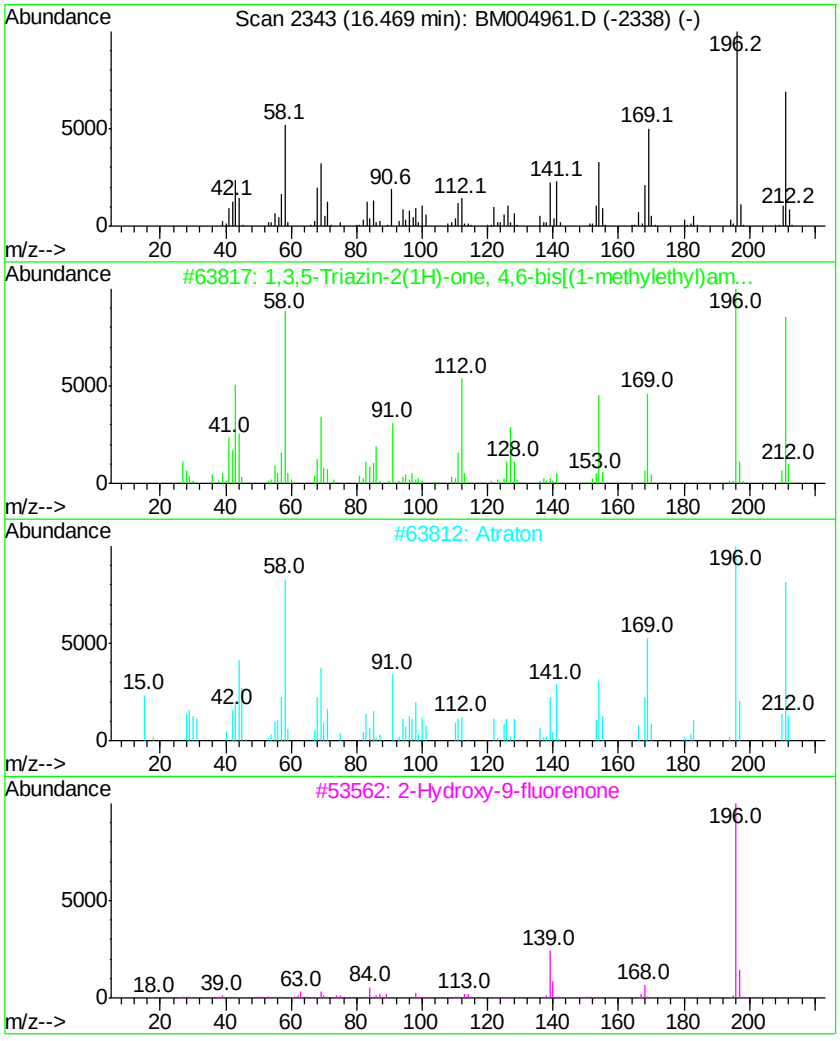
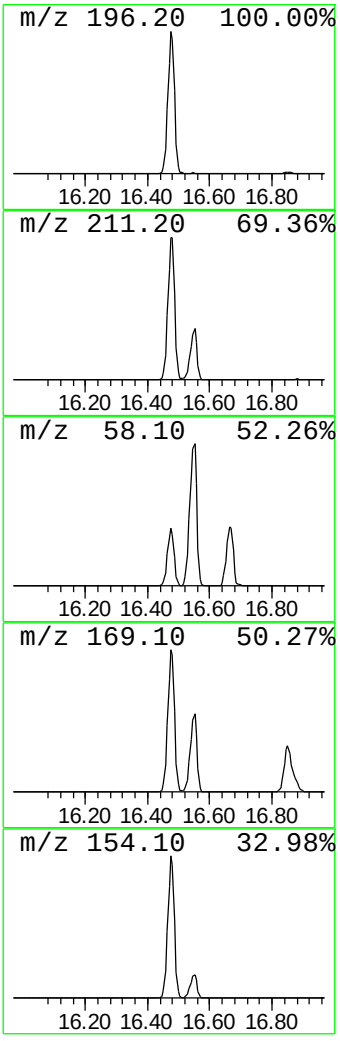
Peak Number 6 1,3,5-Triazin-2(1H)-one, 4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	18.66 ng/ul	1259910	Phenanthrene-d10	17.20

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	2-Hydroxy-9-fluorenone	196	C13H8O2	006949-73-1	38
4	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	38
5	4-Quinolinol, 4-ethyldecahydro-1...	211	C13H25NO	020422-70-2	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
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Operator : UM/SJ
Sample : H2298-02
Misc :
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Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

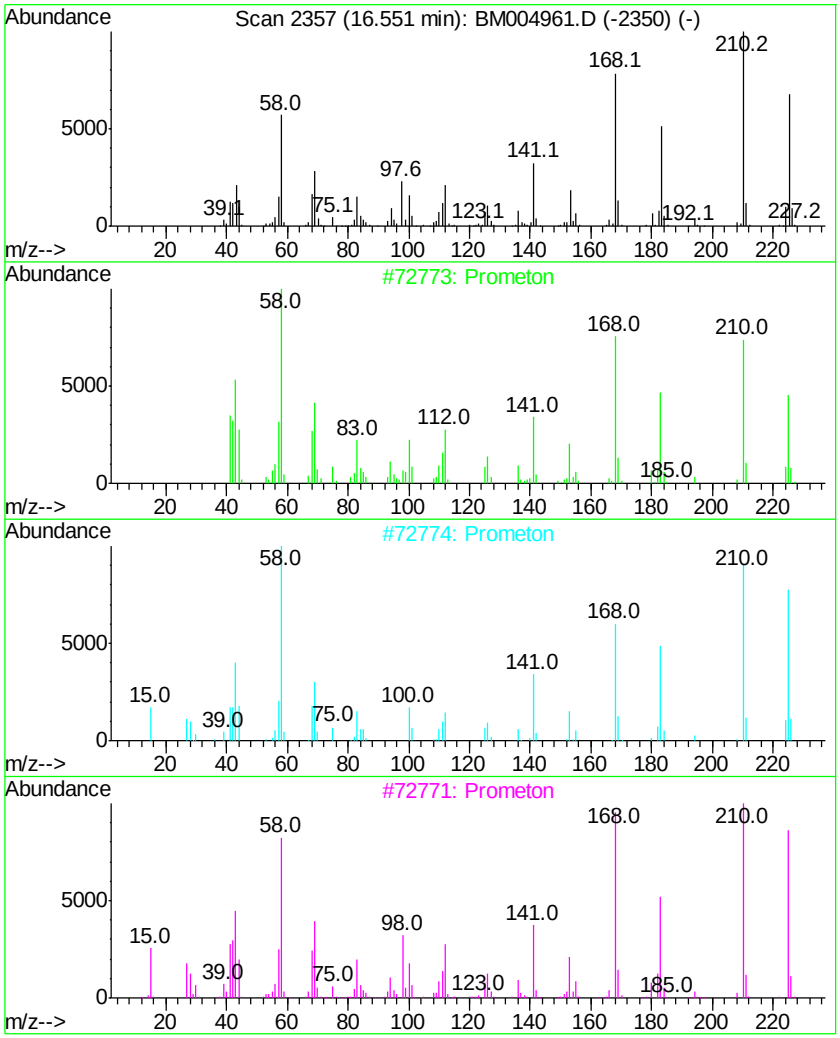
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

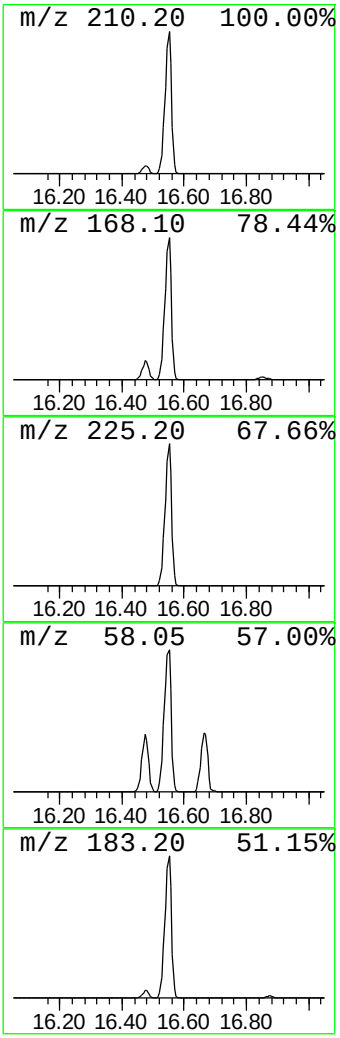
****

Peak Number 7 Prometon Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	39.62 ng/ul	2675550	Phenanthrene-d10	17.20

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	98
5	1,3,5-Triazine-2,4-diamine, N-(1...	225	C10H19N5O	033693-04-8	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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

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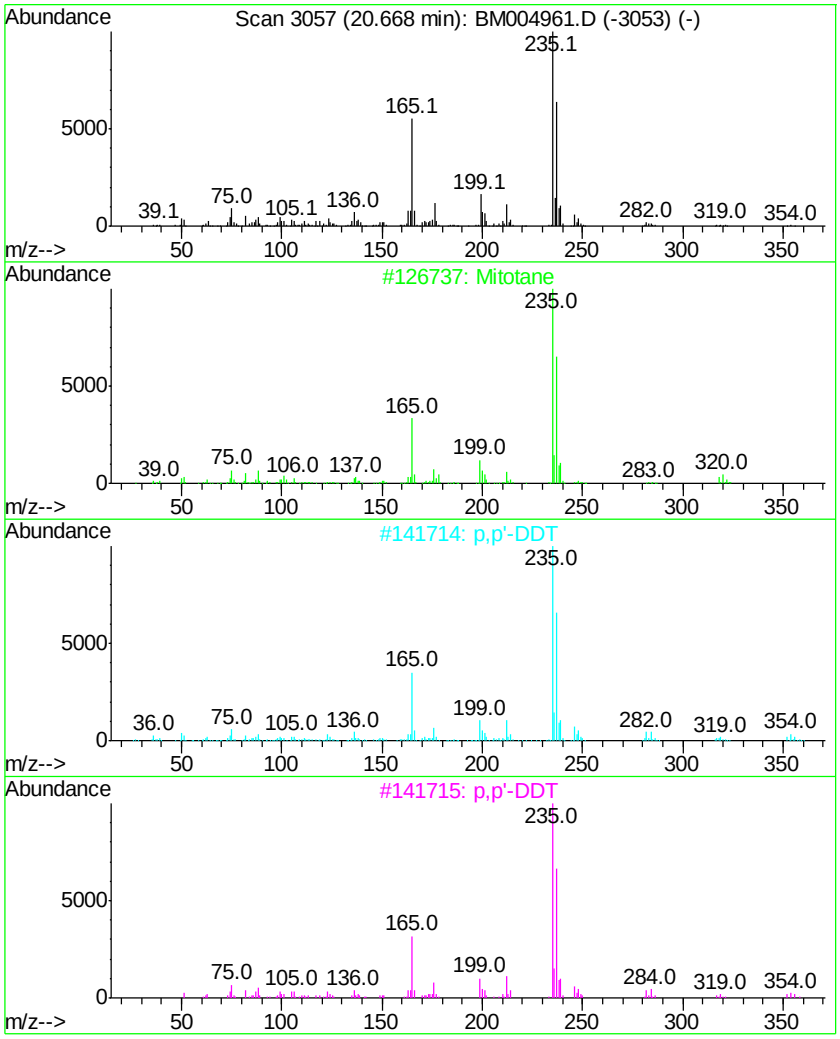
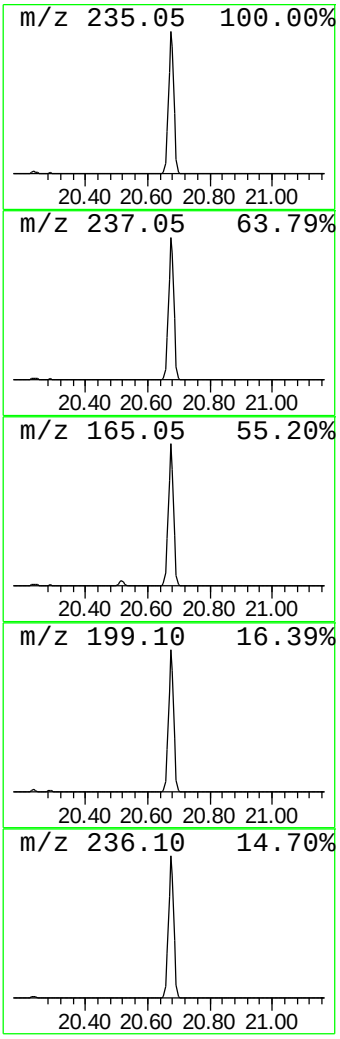
Peak Number 8 Mitotane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	33.05 ng/ul	2325570	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	98
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	98
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	93
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
5	o,p'-DDT	352	C14H9Cl5	000789-02-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T72

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.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...	2.85	403.4	ng/ul	9784340	1	7.81	485038	20.0
2-Propenamide	5.09	22.9	ng/ul	555472	1	7.81	485038	20.0
unknown-01	12.12	11.4	ng/ul	439595	2	10.60	774612	20.0
Phthalic anhydride	12.37	13.4	ng/ul	519372	2	10.60	774612	20.0
Molinate	14.95	18.5	ng/ul	999191	3	14.45	1078130	20.0
1,3,5-Triazin-2(1...	16.47	18.7	ng/ul	1259910	4	17.20	1350680	20.0
Prometon	16.55	39.6	ng/ul	2675550	4	17.20	1350680	20.0
Mitotane	20.67	33.0	ng/ul	2325570	5	21.38	1407460	20.0