

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
 Data File : BM016000.D
 Acq On : 19 Jul 2018 21:15
 Operator : SJ/JU
 Sample : J4023-19MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1M9MS

Manual Integrations
 APPROVED

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 7/20/2018 4:04:58 PM

Quant Time: Jul 20 01:30:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 18 01:01:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	62011	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	305424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	184918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	423655m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	479897	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	447879	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4130	2.93	ng/uL	0.00
5) Phenol-d5	7.41	99	101555	17.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	65973	18.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	86227	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	91168	18.79	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	42572	19.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	46998	18.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	93943	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	62063	10.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	327457	19.43	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	379588	19.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	48745	16.69	ng/ul	-0.01
57) Fluorene-d10	15.86	176	277792	19.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	40780	14.42	ng/ul	0.00
70) Anthracene-d10	17.70	188	420082	19.37	ng/ul	0.00
78) Pyrene-d10	19.97	212	491347	22.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	492725	20.00	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	116680	20.505	ng/ul#	71
10) 2-Chlorophenol	7.81	128	85492	18.707	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.06	70	80518	19.961	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.35	107	109185	19.668	ng/ul	98
44) Dimethylphthalate	14.33	163	110009	6.590	ng/ul	98
49) Acenaphthene	14.95	153	263658	19.282	ng/ul	97
52) 4-Nitrophenol	15.10	109	64964	18.659	ng/ul#	72
54) 2,4-Dinitrotoluene	15.26	165	91224	19.056	ng/ul#	57
68) Pentachlorophenol	17.26	266	54363	19.837	ng/ul	98
76) Fluoranthene	19.63	202	52938	1.684	ng/ul	98
79) Pyrene	19.99	202	676248	23.904	ng/ul	95
87) Benzo(b)fluoranthene	23.39	252	37124	1.292	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

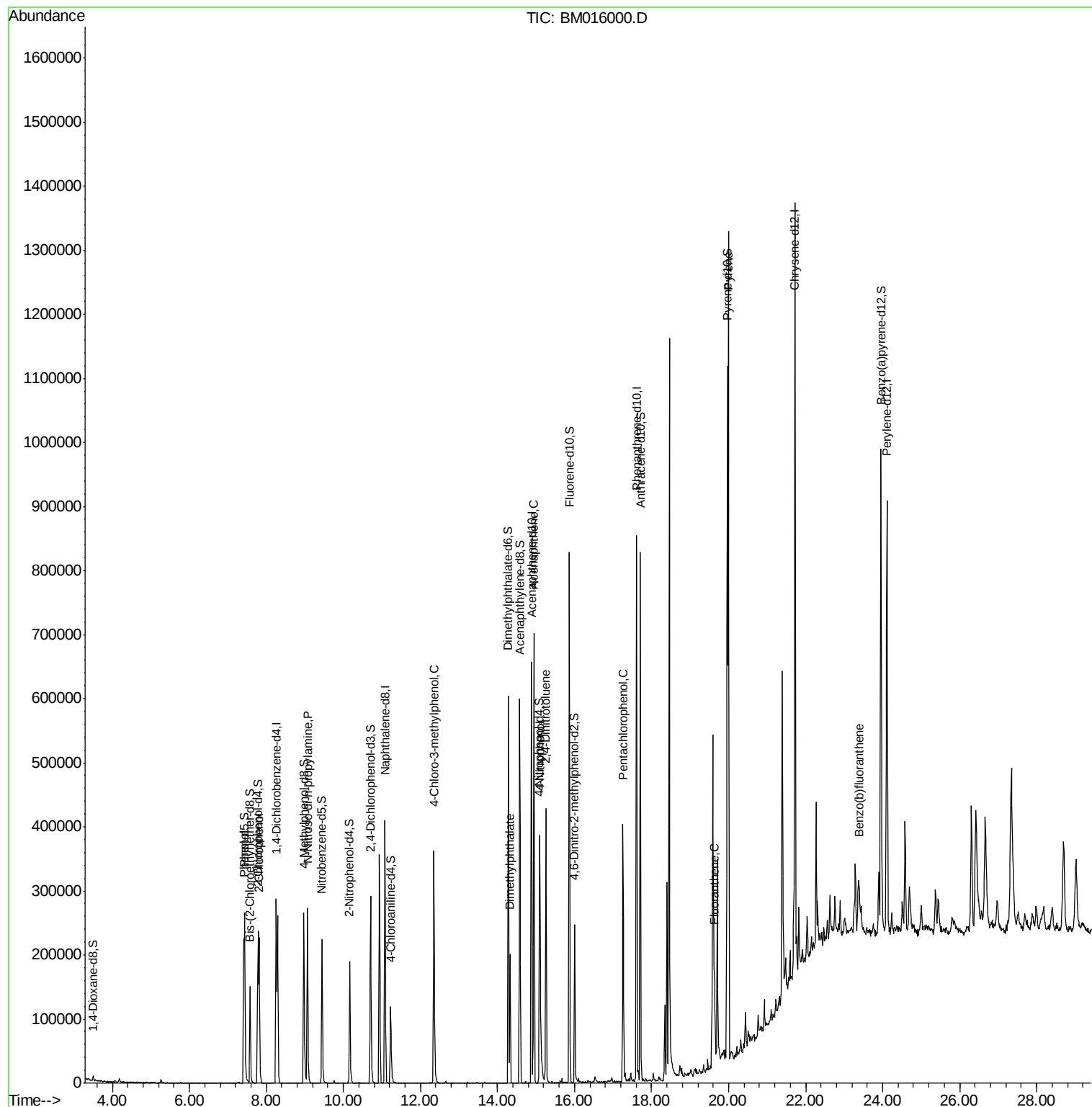
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016000.D
Acq On : 19 Jul 2018 21:15
Operator : SJ/JU
Sample : J4023-19MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

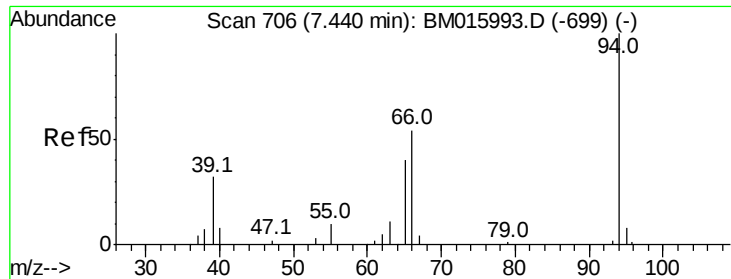
Instrument :
BNA_M
ClientSampleId :
DB1M9MS

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Quant Time: Jul 20 01:30:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 18 01:01:35 2018
Response via : Initial Calibration





#6

Phenol

Concen: 20.505 ng/ul

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

Tot Ion: 94 Resp: 116680

Ion Ratio Lower Upper

94 100

65 39.7 21.0 31.6#

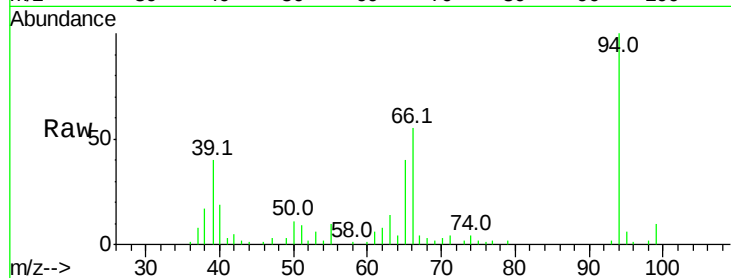
66 55.0 29.3 43.9#

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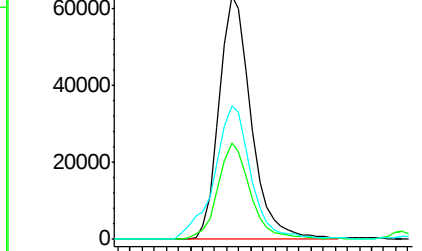
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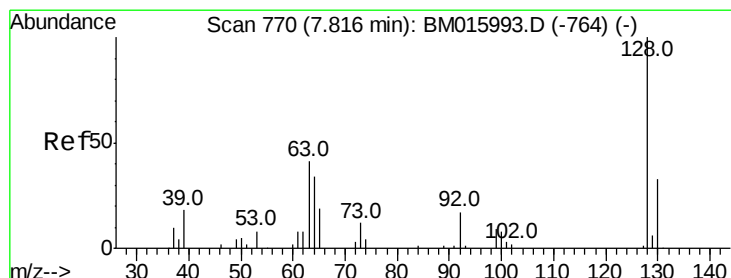
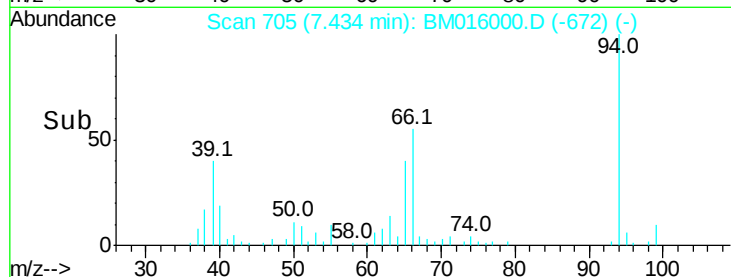
Abundance Ion 94.00 (93.70 to 94.70): BM015993.D (-699) (-)

Ion 65.00 (64.70 to 65.70): BM015993.D (-699) (-)

Ion 66.00 (65.70 to 66.70): BM015993.D (-699) (-)



Time-->



#10

2-Chlorophenol

Concen: 18.707 ng/ul

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

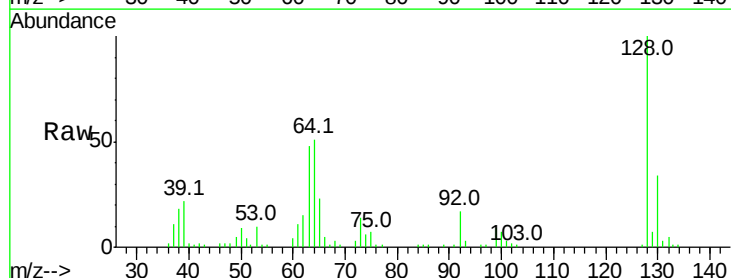
Tgt Ion:128 Resp: 85492

Ion Ratio Lower Upper

128 100

64 51.1 31.9 47.9#

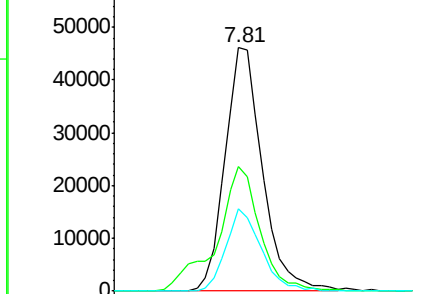
130 33.9 25.6 38.4



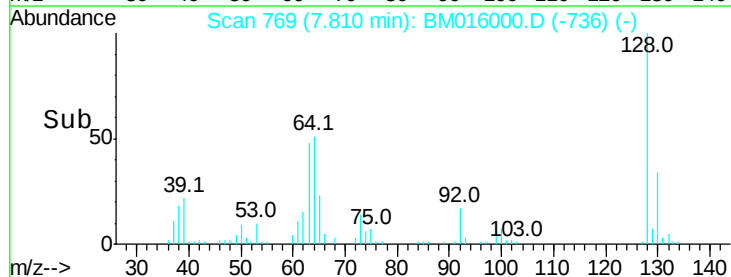
Abundance Ion 128.00 (127.70 to 128.70): BM015993.D (-764) (-)

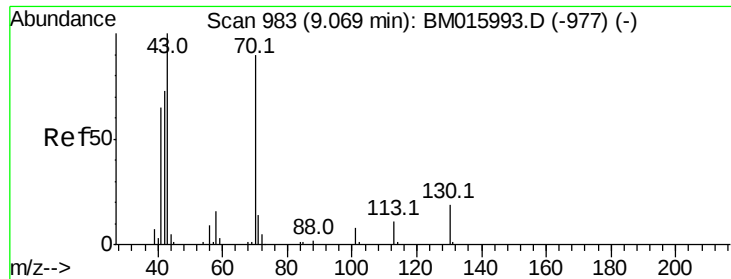
Ion 64.00 (63.70 to 64.70): BM015993.D (-764) (-)

Ion 130.00 (129.70 to 130.70): BM015993.D (-764) (-)



Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 19.961 ng/ul

RT: 9.06 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

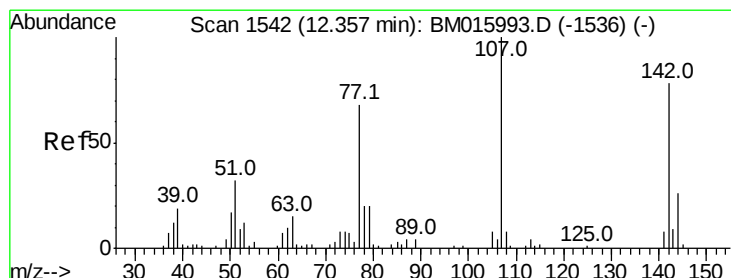
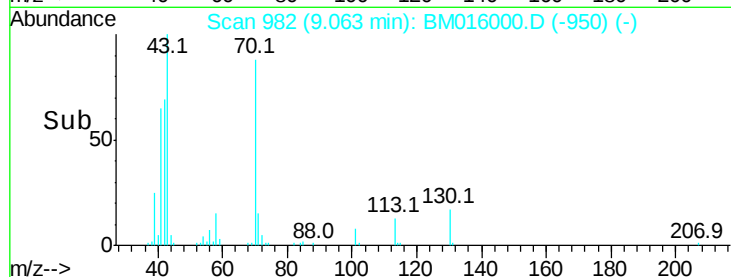
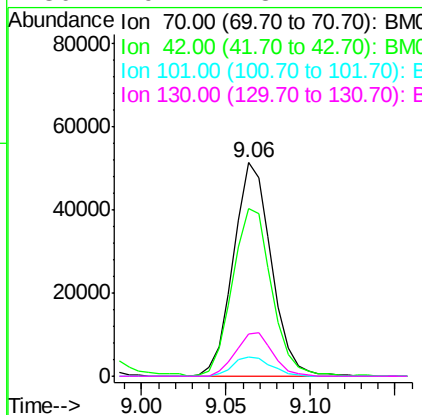
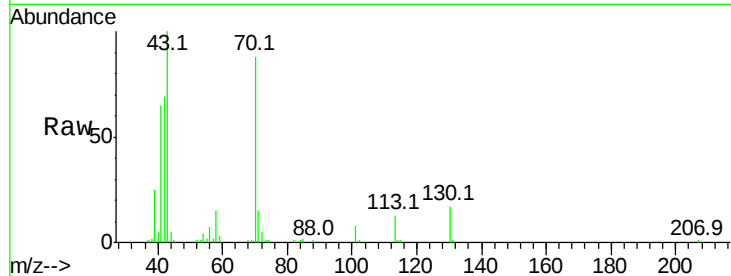
Tot Ion: 70 Resp: 80518
Ion Ratio Lower Upper

70	100		
42	78.2	35.4	53.0#
101	9.3	8.4	12.6
130	19.7	18.2	27.4

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#33

4-Chloro-3-methylphenol

Concen: 19.668 ng/ul

RT: 12.35 min Scan# 1541

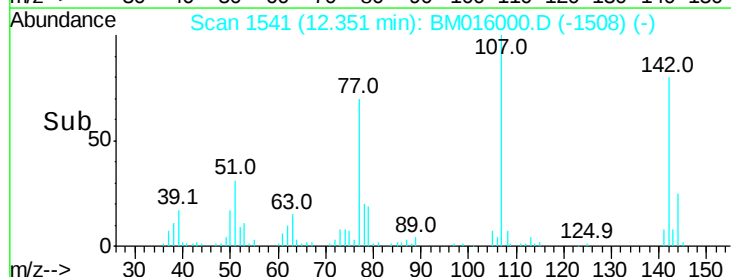
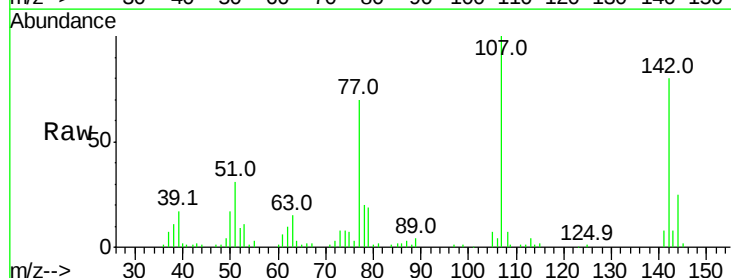
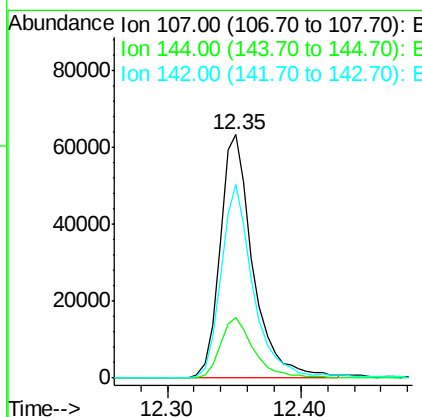
Delta R.T. -0.01 min

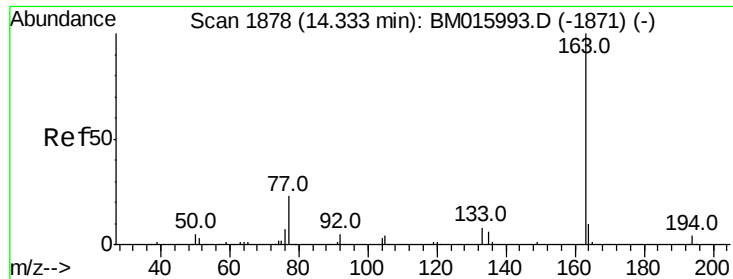
Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Tgt Ion: 107 Resp: 109185
Ion Ratio Lower Upper

107	100		
144	25.0	20.4	30.6
142	79.7	62.5	93.7





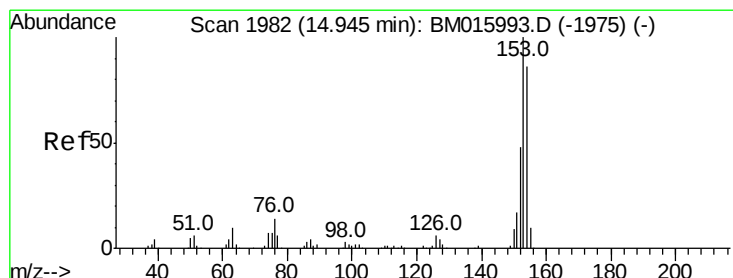
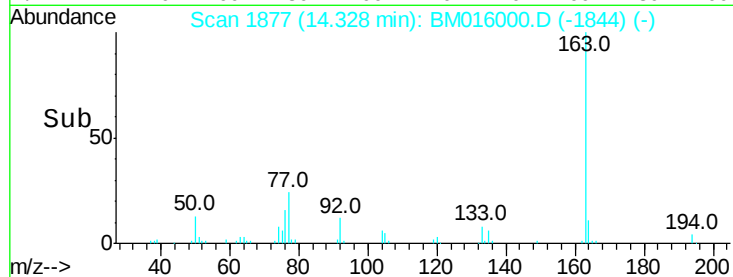
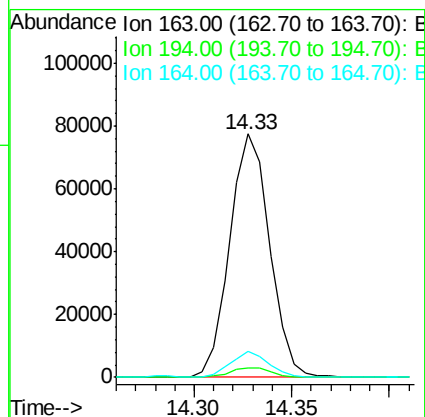
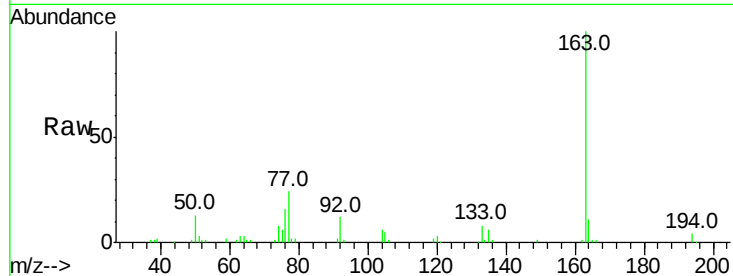
#44
Dimethylphthalate
Concen: 6.590 ng/ul
RT: 14.33 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM016000.D
Acq: 19 Jul 2018 21:15

Instrument :
BNA_M
ClientSampled :
DB1M9MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.9	7.8	11.8

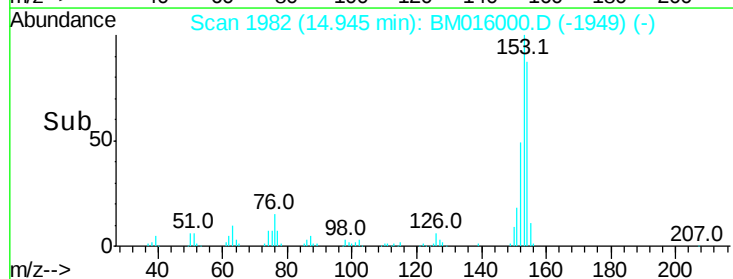
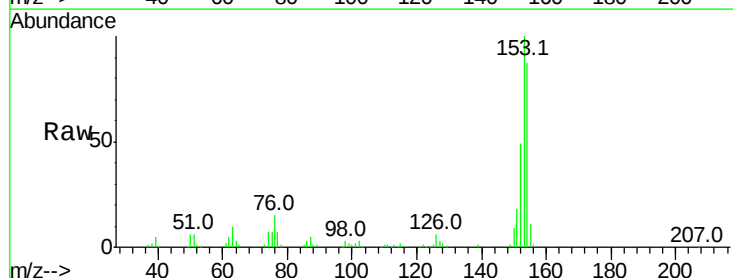
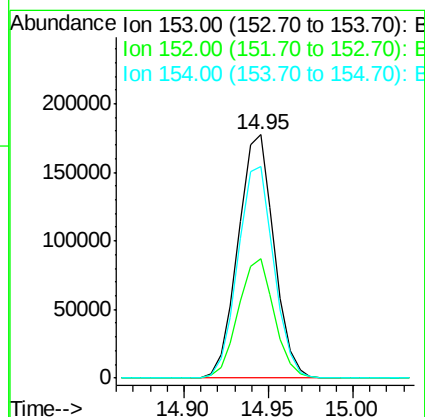
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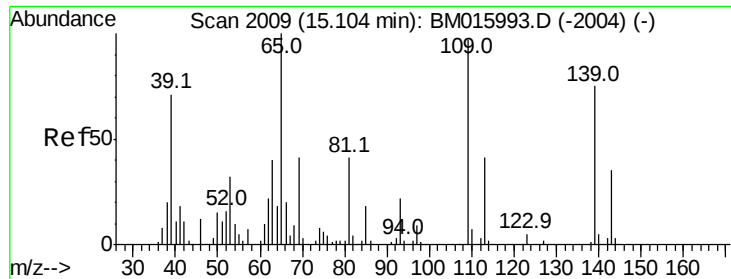
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#49
Acenaphthene
Concen: 19.282 ng/ul
RT: 14.95 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM016000.D
Acq: 19 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.8	38.3	57.5
154	86.7	71.8	107.8





#52

4-Nitrophenol

Concen: 18.659 ng/ul

RT: 15.10 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

Tot Ion:109 Resp: 64964

Ion Ratio Lower Upper

109 100

139 78.6 103.7 155.5#

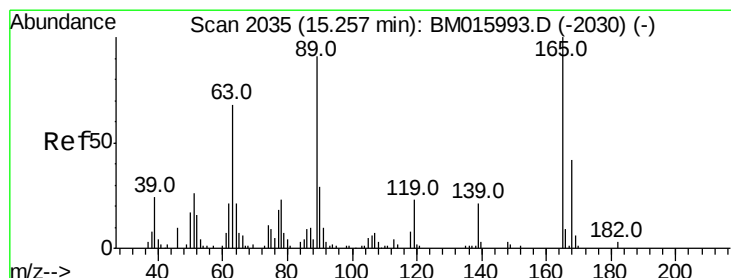
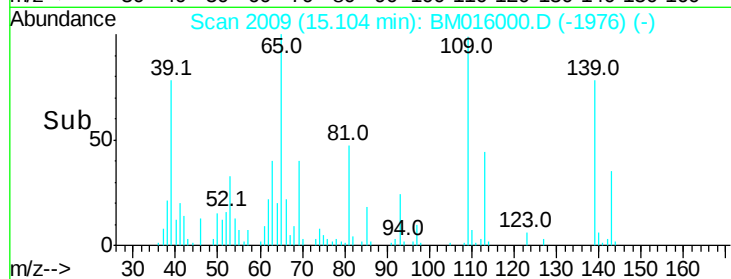
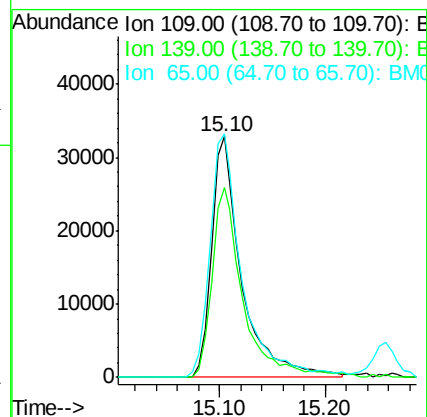
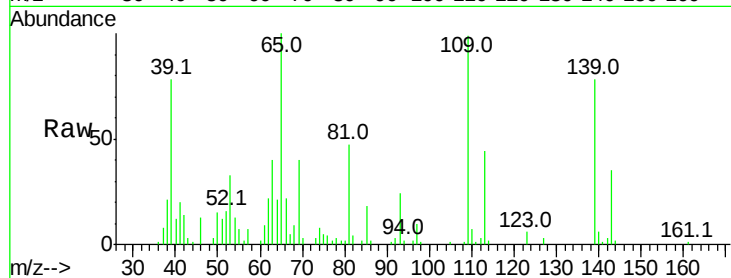
65 101.1 89.4 134.2

Manual Integrations

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#54

2,4-Dinitrotoluene

Concen: 19.056 ng/ul

RT: 15.26 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

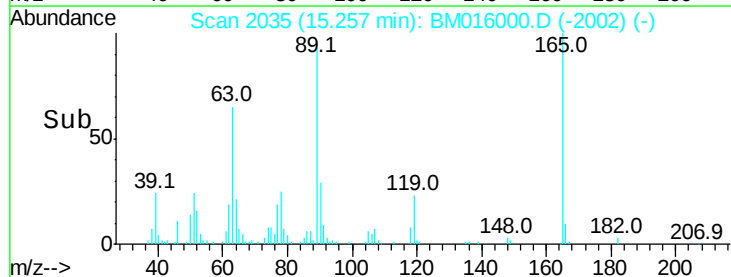
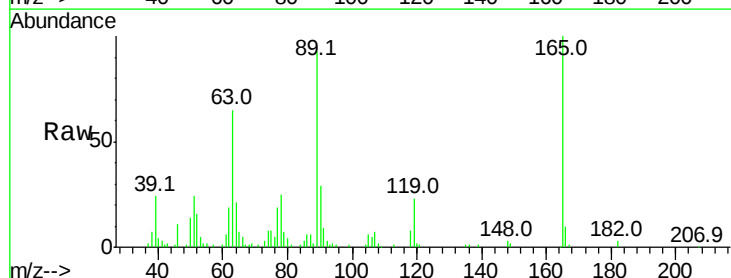
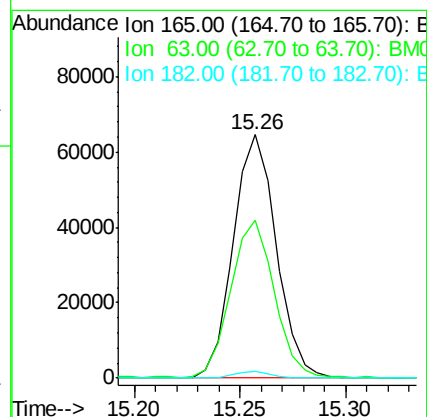
Tgt Ion:165 Resp: 91224

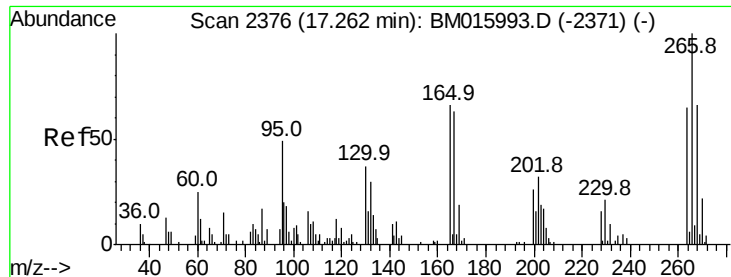
Ion Ratio Lower Upper

165 100

63 65.0 29.8 44.6#

182 2.7 2.2 3.4





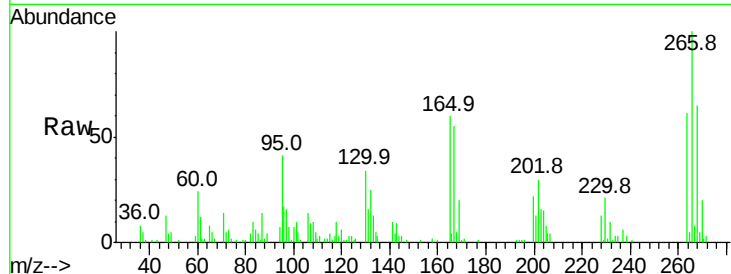
#68
 Pentachlorophenol
 Concen: 19.837 ng/ul
 RT: 17.26 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BM016000.D
 Acq: 19 Jul 2018 21:15

Instrument :
 BNA_M
 ClientSampled :
 DB1M9MS

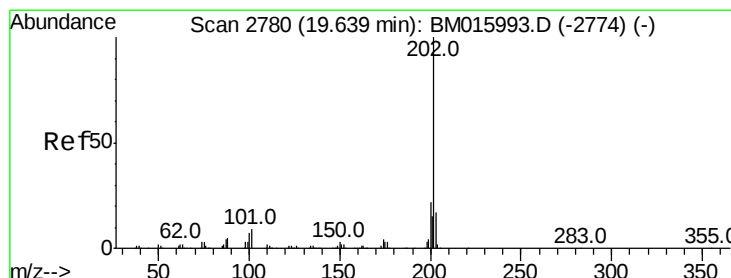
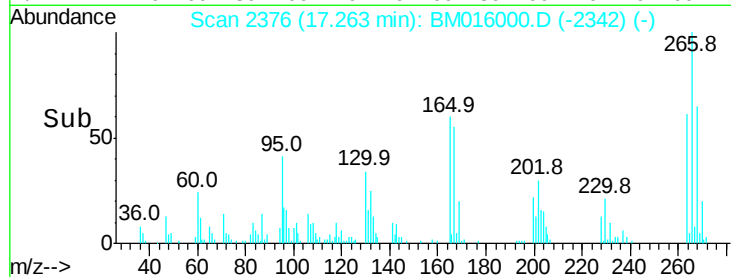
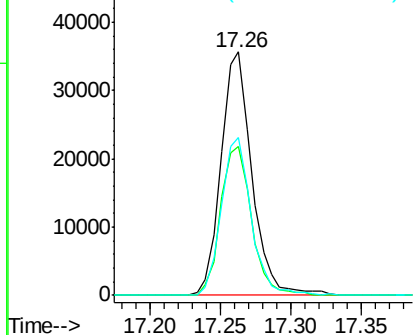
Tot Ion	Ratio	Resp	Lower	Upper
266	100	54363		
264	61.3		50.5	75.7
268	64.6		50.9	76.3

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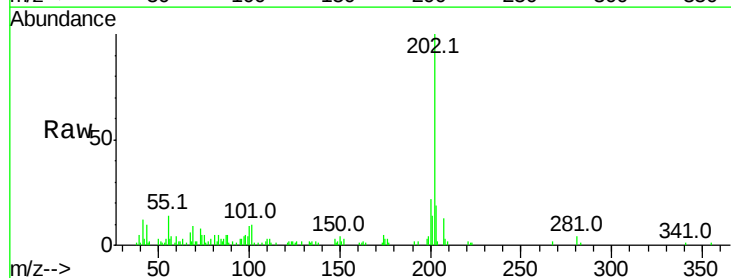


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

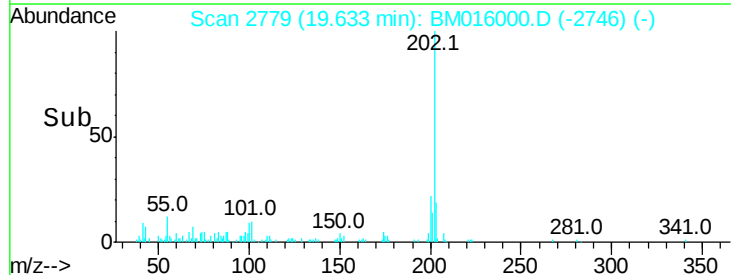
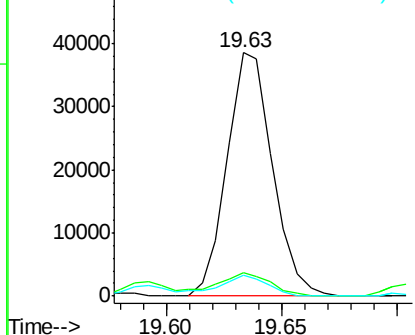


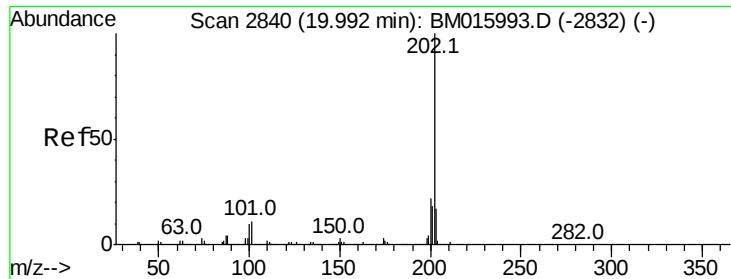
#76
 Fluoranthene
 Concen: 1.684 ng/ul
 RT: 19.63 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BM016000.D
 Acq: 19 Jul 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	52938		
101	9.9		8.8	13.2
100	8.5		6.6	9.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





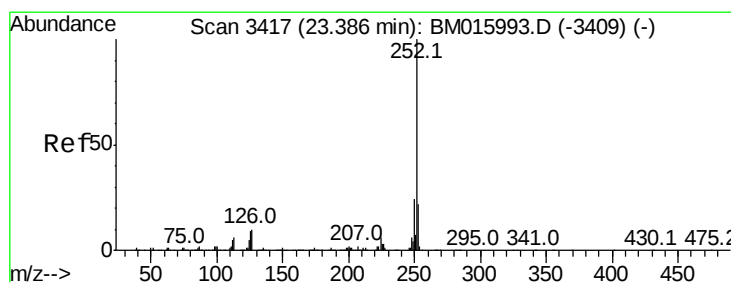
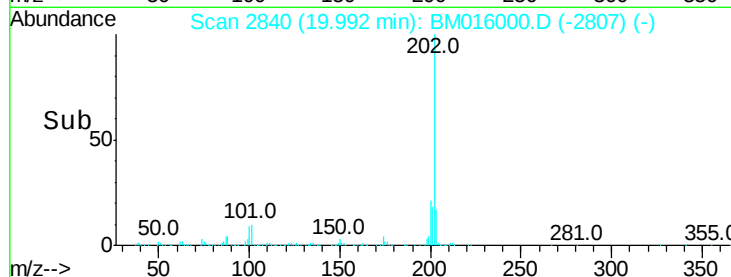
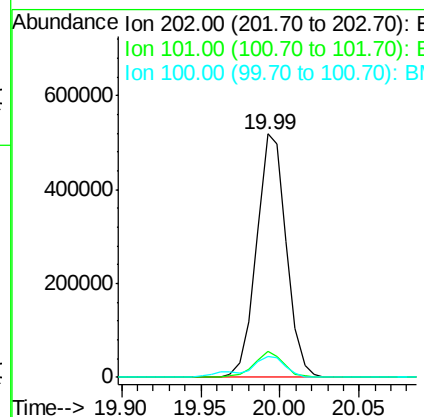
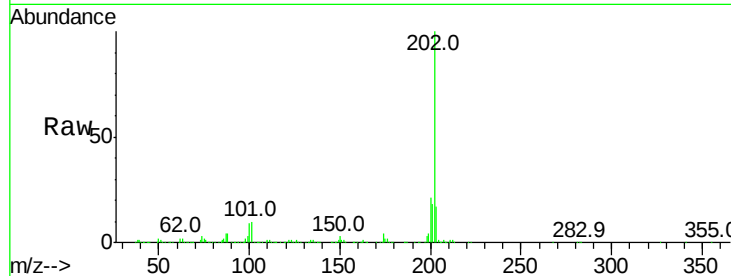
#79
Pvrene
Concen: 23.904 ng/ul
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016000.D
Acq: 19 Jul 2018 21:15

Instrument :
BNA_M
ClientSampleId :
DB1M9MS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	10.2	15.2
100	8.8	8.5	12.7

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 1.292 ng/ul
RT: 23.39 min Scan# 3417
Delta R.T. 0.00 min
Lab File: BM016000.D
Acq: 19 Jul 2018 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.5	26.3
125	11.2	8.5	12.7

