

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017121.D
 Acq On : 11 Oct 2018 12:03
 Operator : MJ/SJ
 Sample : J5368-07MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3Z47MS

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:33:30 PM

Quant Time: Oct 12 02:24:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 01:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	256896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1214811	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	684194	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1531651	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1220721	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1115153	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16656m	3.22	ng/uL	0.00
5) Phenol-d5	6.87	99	550306	25.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	333357	25.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	487397	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	493460	29.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	257762	29.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	277728	30.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	522699	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	620970	27.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1631094	30.05	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2117125	30.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	58177	5.67	ng/ul	0.00
58) Fluorene-d10	15.33	176	1486114	30.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	35628	3.94	ng/ul	0.00
71) Anthracene-d10	17.18	188	2241916	30.65	ng/ul	0.00
79) Pyrene-d10	19.48	212	2236895	40.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1800855	31.54	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.90	94	632964	29.462	ng/ul 99
10) 2-Chlorophenol	7.26	128	458983	25.818	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.50	70	355130	28.532	ng/ul 95
33) 4-Chloro-3-methylphenol	11.76	107	527055	28.412	ng/ul 100
45) Dimethylphthalate	13.79	163	516801	9.614	ng/ul 100
50) Acenaphthene	14.40	153	1362473	28.852	ng/ul 99
53) 4-Nitrophenol	14.56	109	48879	6.563	ng/ul 79
55) 2,4-Dinitrotoluene	14.70	165	408968	27.930	ng/ul 98
69) Pentachlorophenol	16.73	266	143145	12.220	ng/ul 98
70) Phenanthrene	17.12	178	113103	1.317	ng/ul 98
77) Fluoranthene	19.14	202	233059	2.343	ng/ul 98
80) Pyrene	19.51	202	2948544	41.688	ng/ul 98
83) Benzo(a)anthracene	21.26	228	107982	1.475	ng/ul 97
85) Chrysene	21.31	228	108896m	1.538	ng/ul
88) Benzo(b)fluoranthene	22.83	252	142905	2.152	ng/ul# 77
91) Benzo(a)pyrene	23.40	252	97794	1.528	ng/ul# 77

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

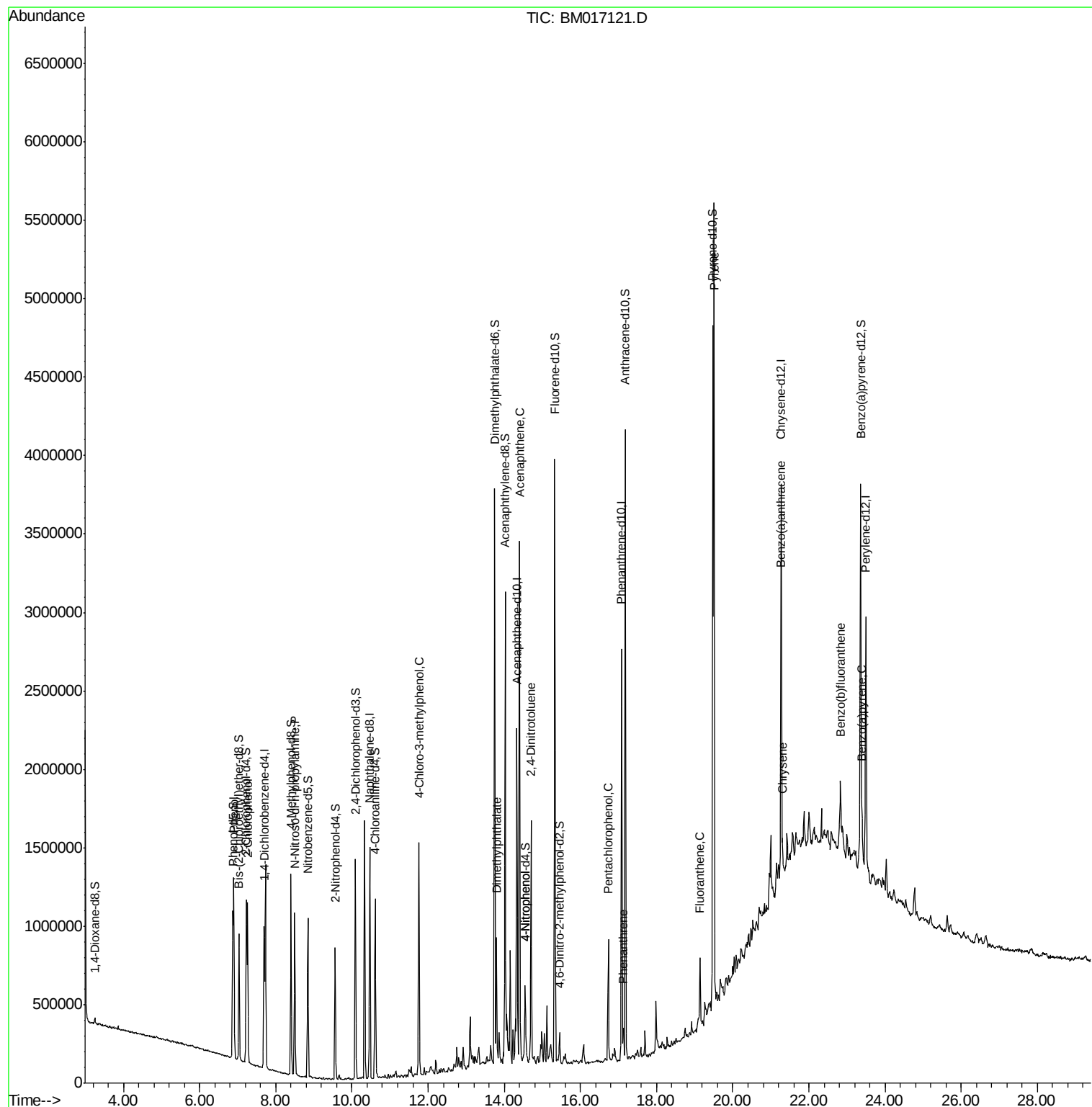
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017121.D
Acq On : 11 Oct 2018 12:03
Operator : MJ/SJ
Sample : J5368-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

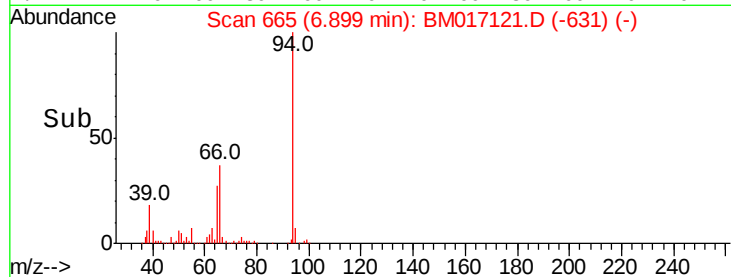
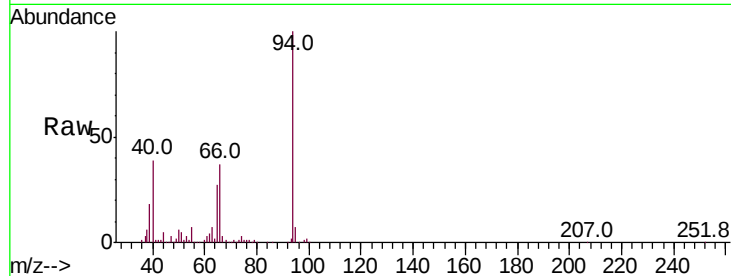
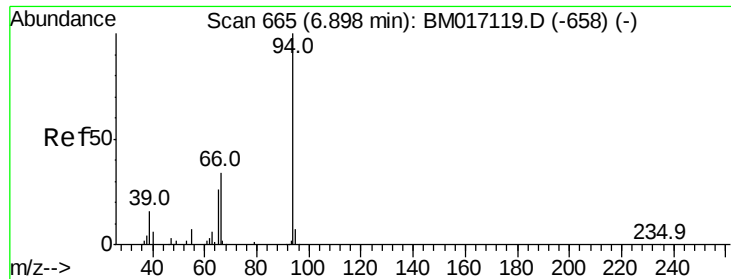
Instrument :
BNA_M
ClientSampleId :
A3Z47MS

Quant Time: Oct 12 02:24:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 01:39:13 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 29.462 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Tot Ion:	94	Resp:	632964
Ion Ratio	Lower	Upper	
94	100		
65	27.2	22.8	34.2
66	37.3	29.5	44.3

Instrument :

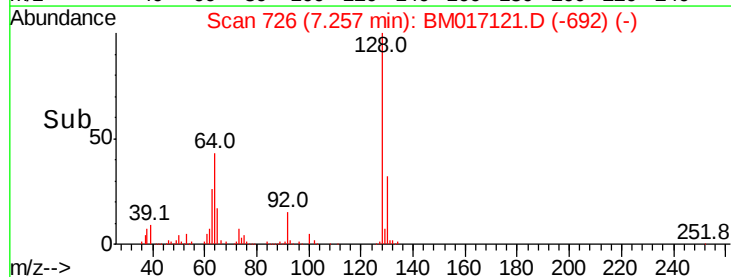
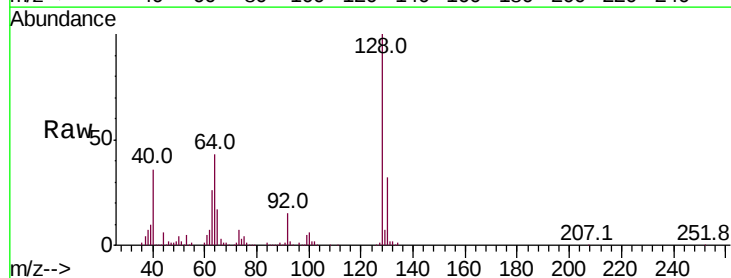
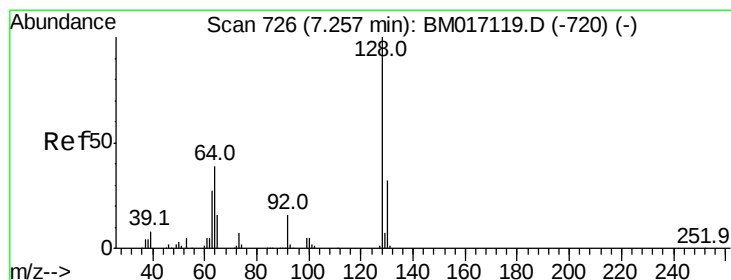
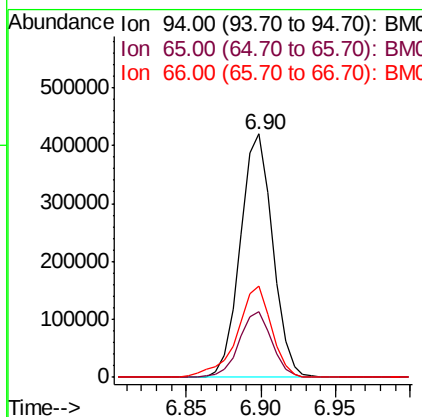
BNA_M

ClientSampleId :

A3Z47MS

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#10

2-Chlorophenol

Concen: 25.818 ng/ul

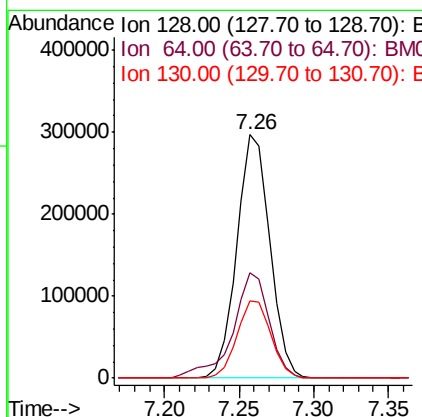
RT: 7.26 min Scan# 726

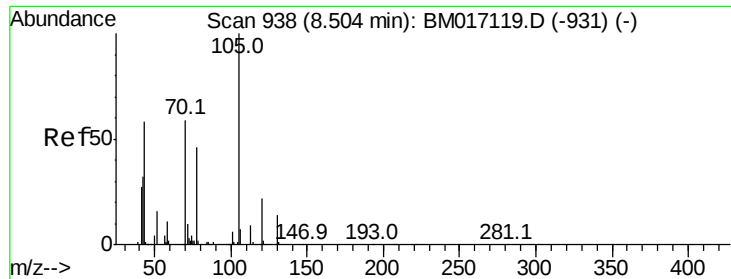
Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Tgt Ion:	128	Resp:	458983
Ion Ratio	Lower	Upper	
128	100		
64	43.3	37.2	55.8
130	31.6	26.1	39.1





#15

N-Nitroso-di-n-propylamine

Concen: 28.532 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

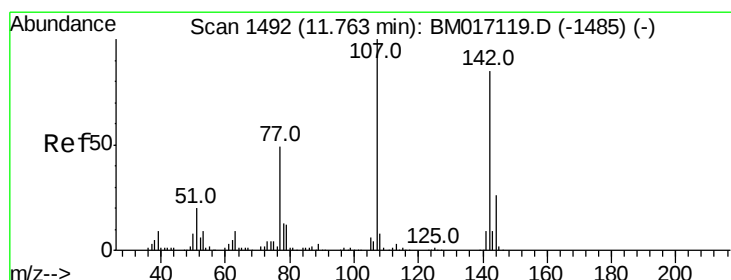
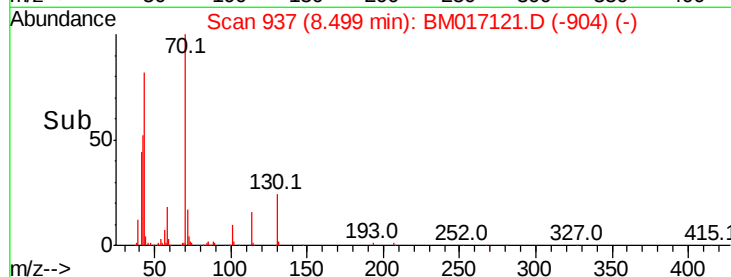
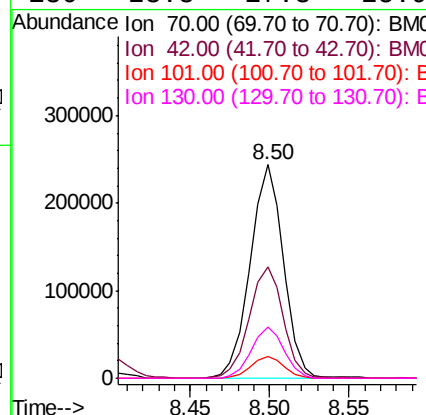
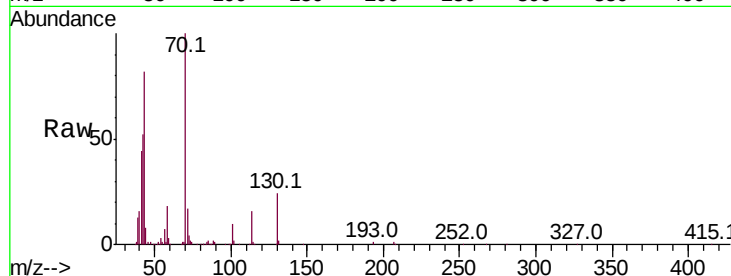
ClientSampleId :

A3Z47MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.0	45.1	67.7		
101	10.1	7.5	11.3		
130	23.8	17.3	25.9		

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#33

4-Chloro-3-methylphenol

Concen: 28.412 ng/ul

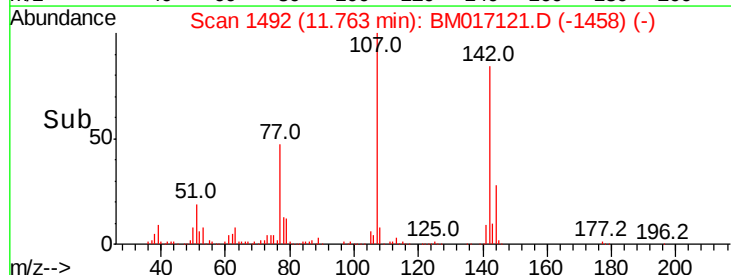
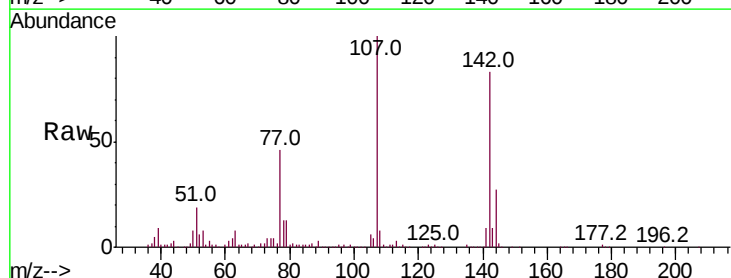
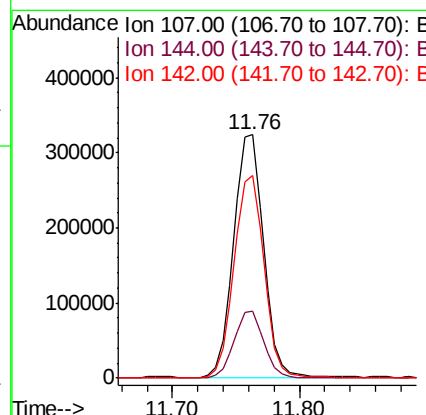
RT: 11.76 min Scan# 1492

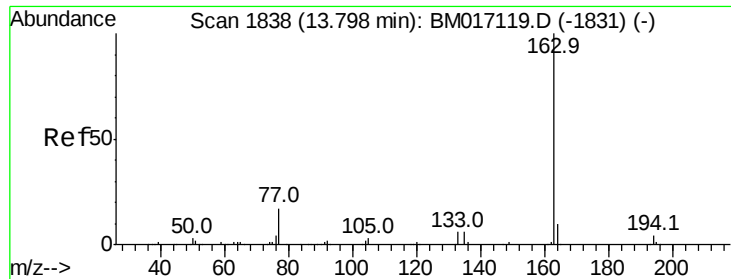
Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.4	22.2	33.4		
142	83.5	67.0	100.6		





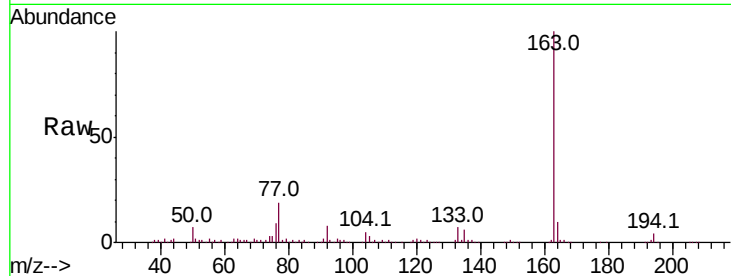
#45
Dimethylphthalate
Concen: 9.614 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

Instrument :
BNA_M
ClientSampled :
A3Z47MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	516801		
194	4.3		3.3	4.9
164	10.1		8.0	12.0

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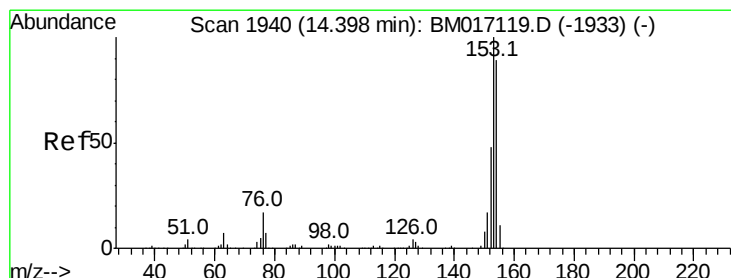
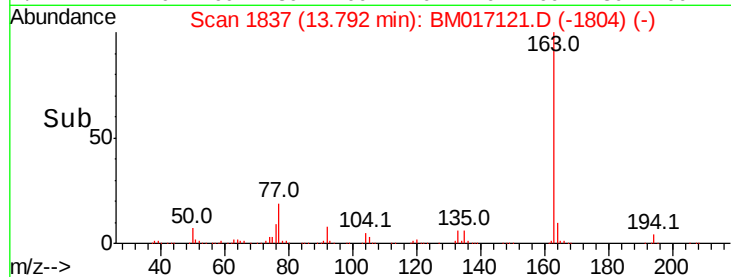
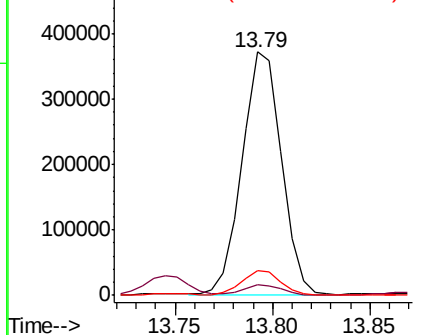


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 28.852 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

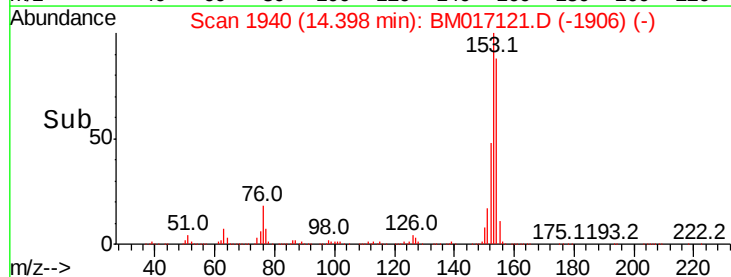
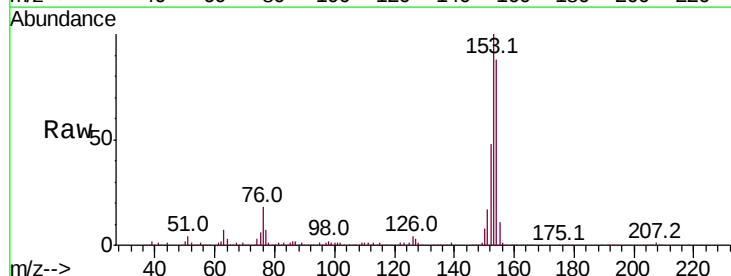
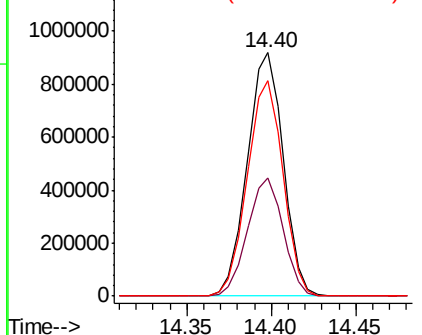
Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1362473		
152	48.4		38.3	57.5
154	88.2		71.0	106.6

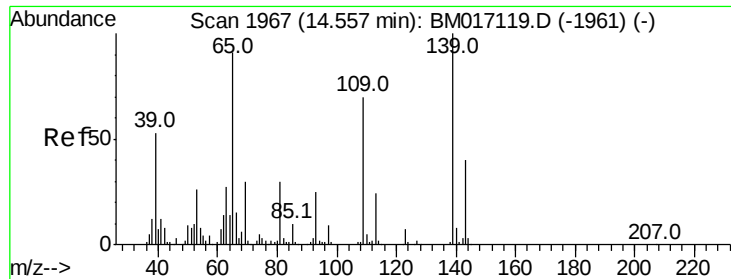
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 6.563 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

Instrument :

BNA_M

ClientSampleId :

A3Z47MS

Tot Ion:109 Resp: 48879

Ion Ratio Lower Upper

109 100

139 117.9 114.1 171.1

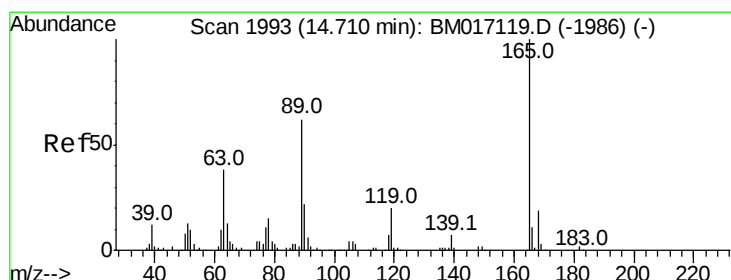
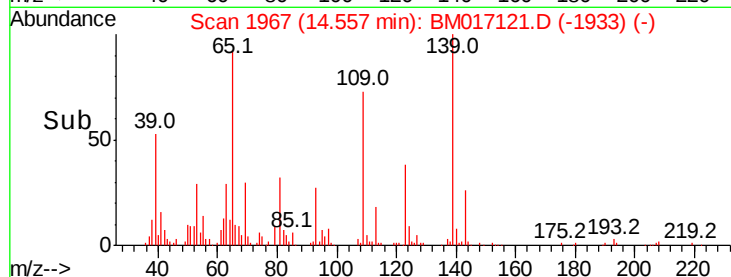
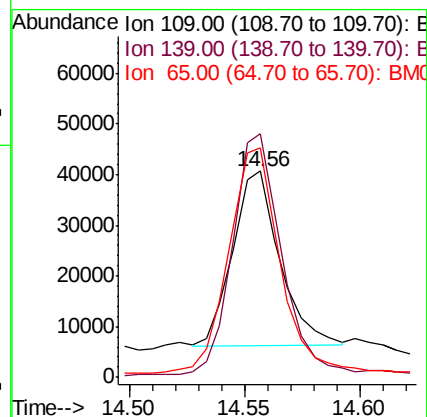
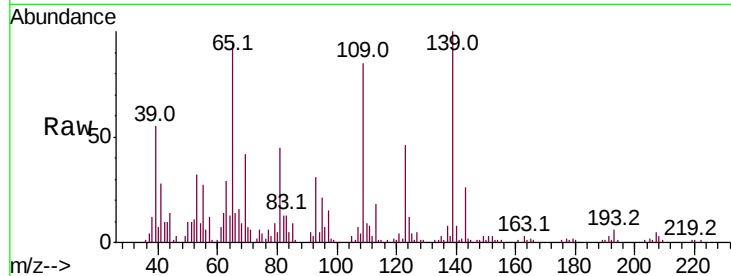
65 111.1 109.8 164.6

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#55

2,4-Dinitrotoluene

Concen: 27.930 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM017121.D

Acq: 11 Oct 2018 12:03

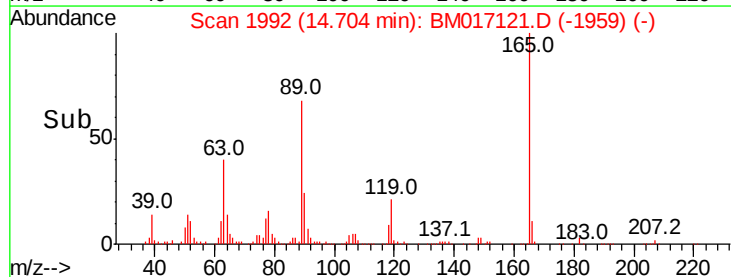
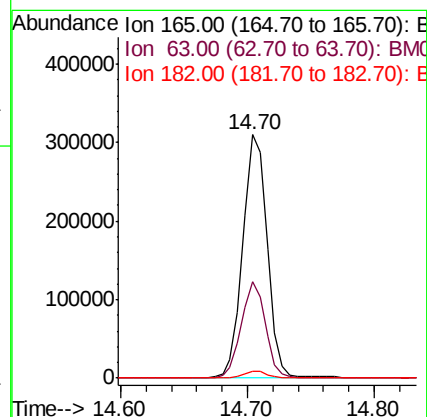
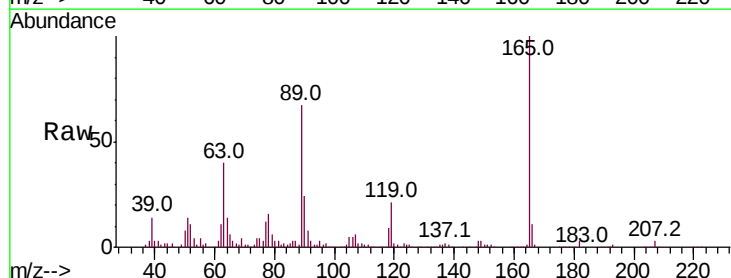
Tgt Ion:165 Resp: 408968

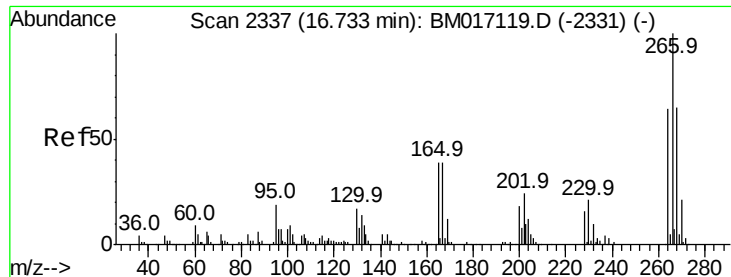
Ion Ratio Lower Upper

165 100

63 39.6 32.6 48.8

182 3.0 2.3 3.5





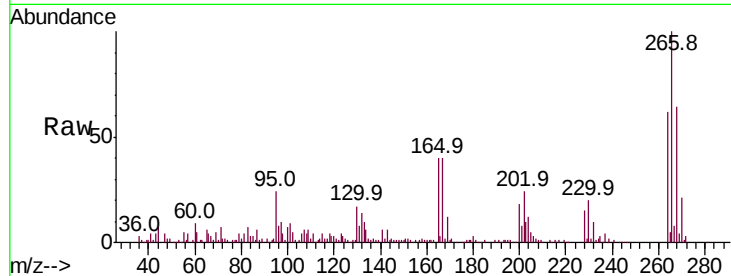
#69
 Pentachlorophenol
 Concen: 12.220 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BM017121.D
 Acq: 11 Oct 2018 12:03

Instrument :
 BNA_M
 ClientSampleId :
 A3Z47MS

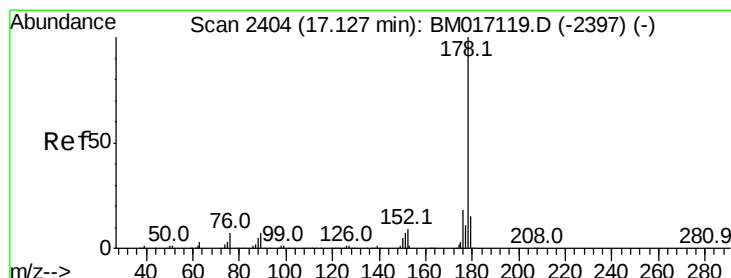
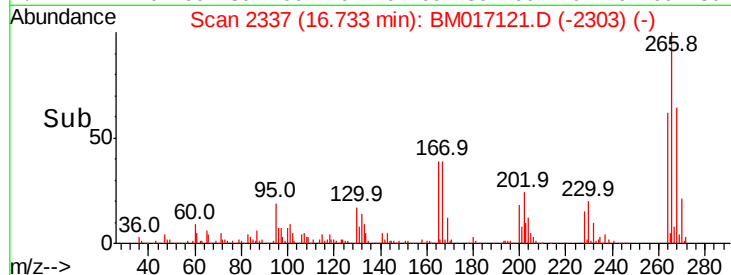
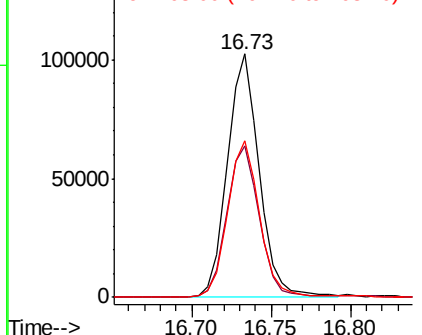
Tot Ion	Ratio	Resp	Lower	Upper
266	100	143145		
264	62.0		50.4	75.6
268	64.4		53.6	80.4

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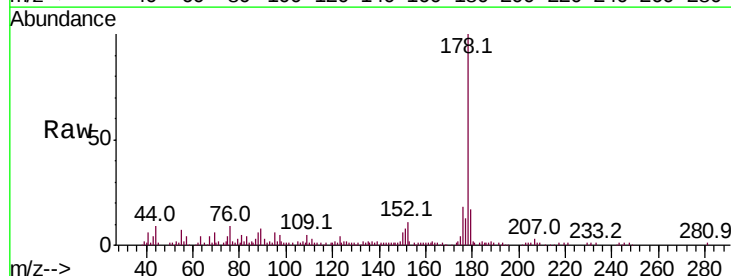


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

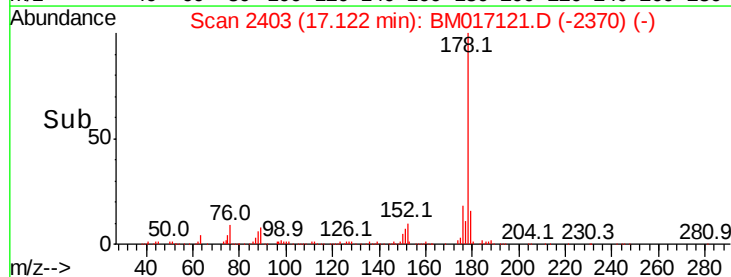
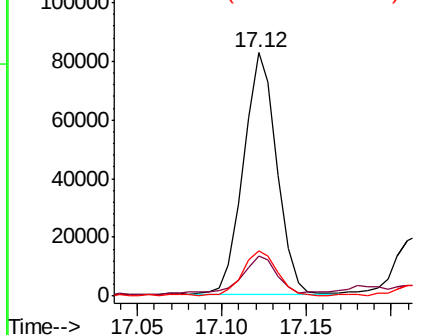


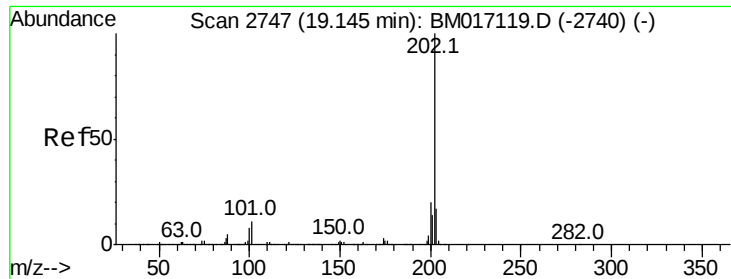
#70
 Phenanthrene
 Concen: 1.317 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM017121.D
 Acq: 11 Oct 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	113103		
179	16.7		12.2	18.2
176	18.4		15.0	22.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





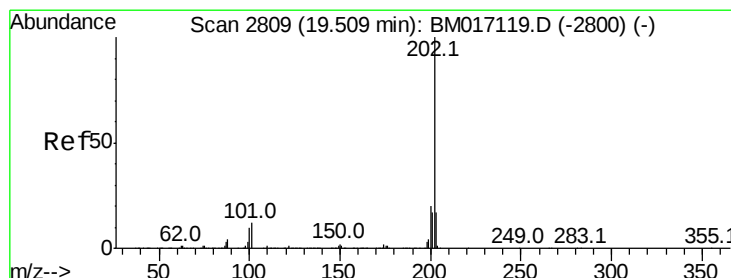
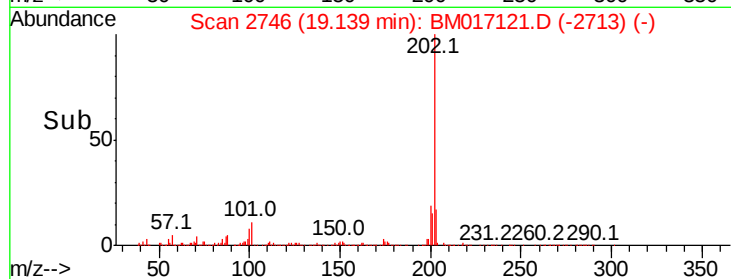
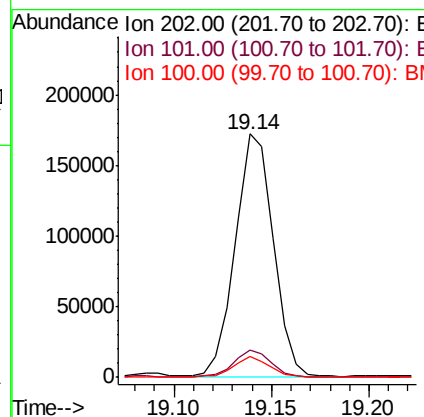
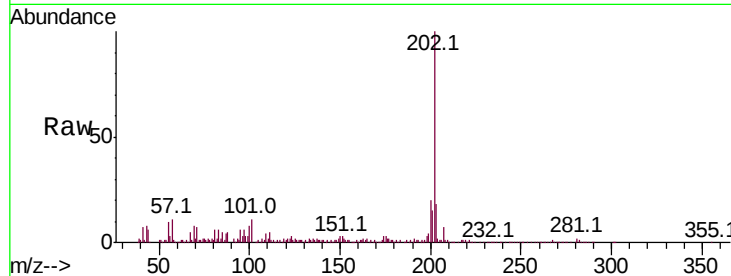
#77
Fluoranthene
 Concen: 2.343 ng/ul
 RT: 19.14 min Scan# 2746
 Delta R.T. -0.01 min
 Lab File: BM017121.D
 Acq: 11 Oct 2018 12:03

Instrument :
 BNA_M
 ClientSampleId :
 A3Z47MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	8.3	12.5
100	8.4	6.6	9.8

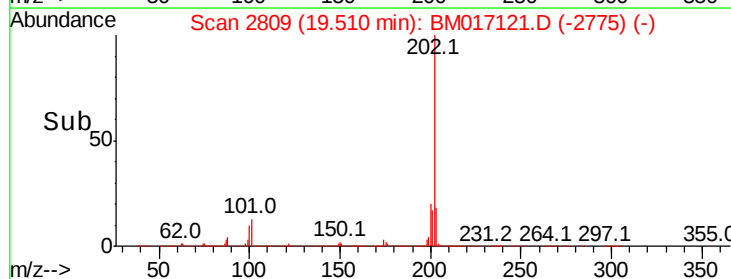
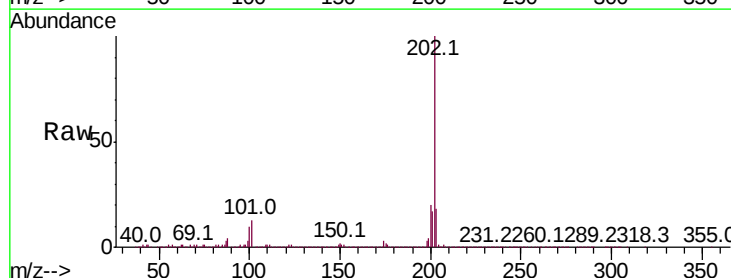
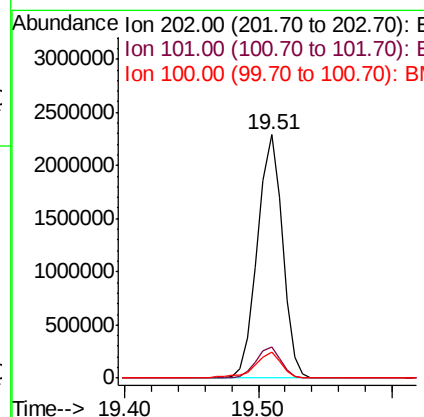
Manual Integrations
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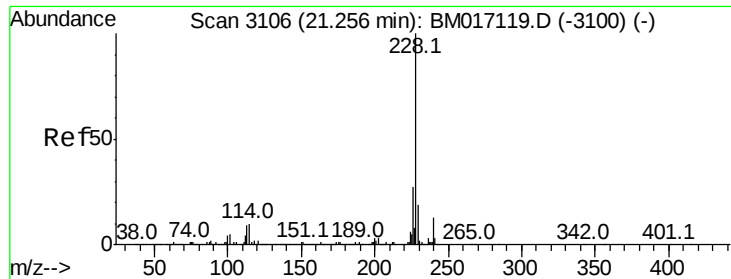
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#80
Pyrene
 Concen: 41.688 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BM017121.D
 Acq: 11 Oct 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	10.8	16.2
100	10.5	8.9	13.3





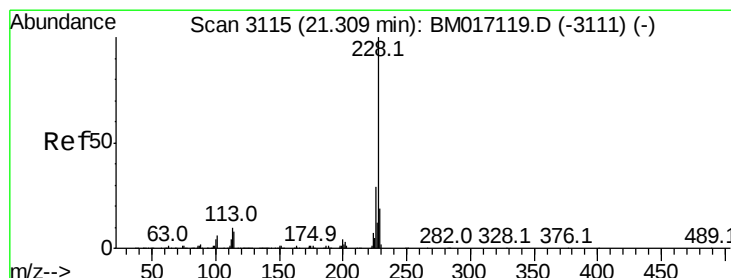
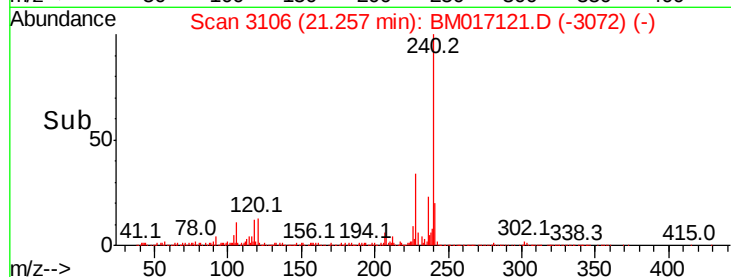
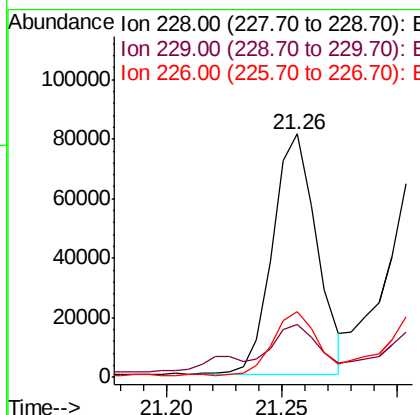
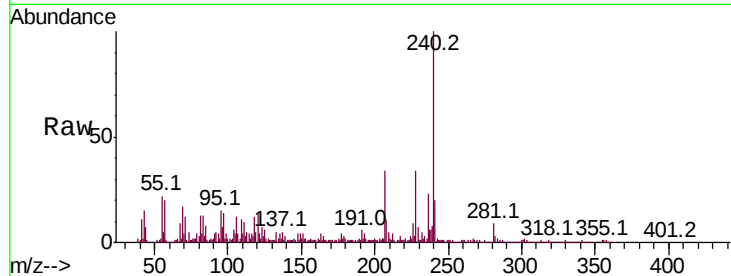
#83
Benzo(a)anthracene
Concen: 1.475 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

Instrument :
BNA_M
ClientSampleId :
A3Z47MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	27.1	20.9	31.3

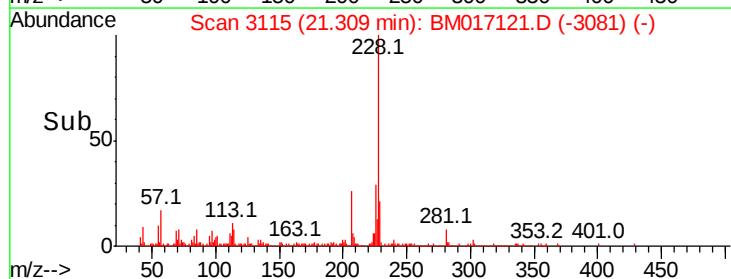
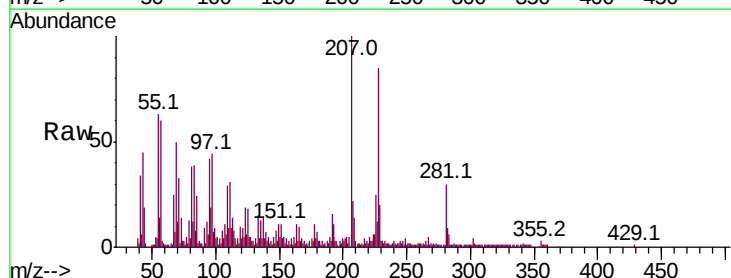
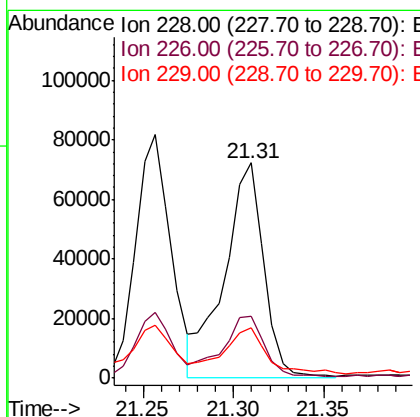
Manual Integrations
APPROVED

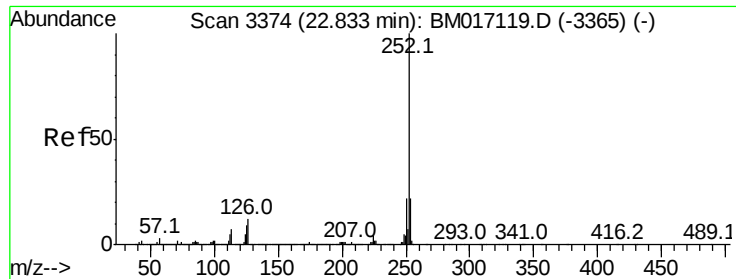
Sohil
10/12/2018 6:33:30 PM



#85
Chrysene
Concen: 1.538 ng/ul m
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	23.5	15.6	23.4#





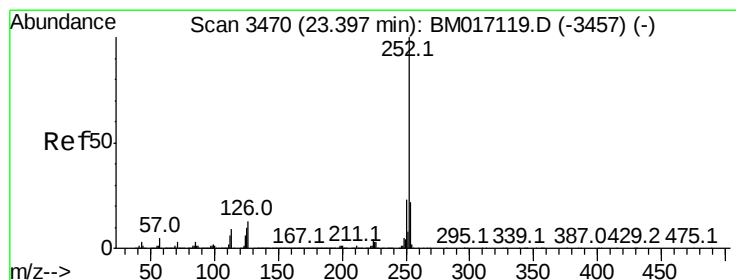
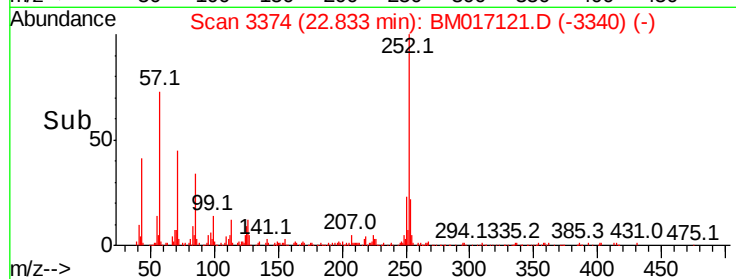
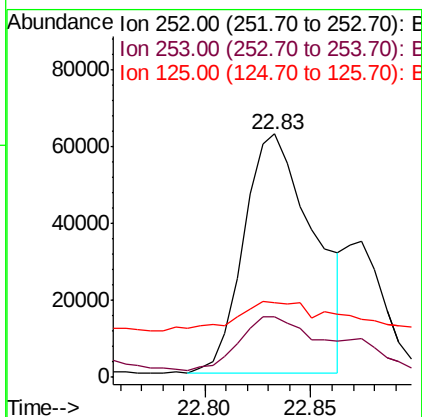
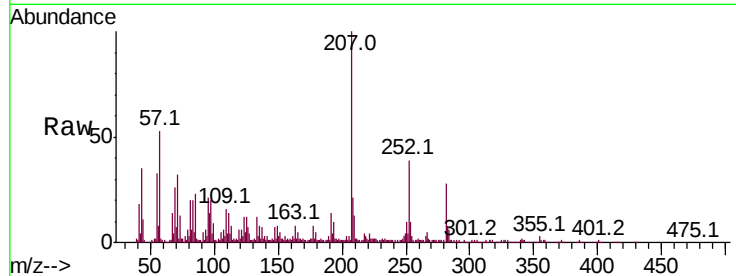
#88
Benzo(b)fluoranthene
Concen: 2.152 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

Instrument :
BNA_M
ClientSampleId :
A3Z47MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	30.9	8.2	12.4

Manual Integrations
APPROVED

Sohil
10/12/2018 6:33:30 PM



#91
Benzo(a)pyrene
Concen: 1.528 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM017121.D
Acq: 11 Oct 2018 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	32.1	9.0	13.6

