

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018152.D
 Acq On : 14 Dec 2018 05:12
 Operator : JU/SJ
 Sample : J6271-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9F10

Manual Integrations
 APPROVED

Sohil
 12/14/2018 2:17:38 PM

Quant Time: Dec 14 06:49:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 14 05:30:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	153285	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	714947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	411143	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	913971	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	671299	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	611912	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	13579m	4.23	ng/uL	0.00
5) Phenol-d5	6.70	99	355383	24.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	192302	24.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	289207	24.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	270315	22.62	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	138092	23.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	164070	23.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	291616	24.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	63290	5.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	872872	24.00	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	1104385	24.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.41	143	120143	18.31	ng/ul	0.00
57) Fluorene-d10	15.17	176	762761	25.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	110151	15.82	ng/ul	0.00
70) Anthracene-d10	17.02	188	1170704	25.35	ng/ul	0.00
78) Pyrene-d10	19.33	212	1012938	31.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	823938	24.31	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.73	94	87968	6.073	ng/ul	99
16) 4-Methylphenol	8.29	108	47276	3.846	ng/ul	85
28) Naphthalene	10.32	128	256952	6.680	ng/ul	96
34) 2-Methylnaphthalene	11.95	142	487452	17.079	ng/ul	99
44) Dimethylphthalate	13.63	163	127918	3.694	ng/ul	99
69) Phenanthrene	16.97	178	2112021	39.585	ng/ul	100
71) Anthracene	17.06	178	173945	3.168	ng/ul	98
74) Carbazole	17.34	167	93222	1.866	ng/ul#	89
76) Fluoranthene	19.00	202	293450	4.742	ng/ul	97
79) Pyrene	19.37	202	1543325	38.428	ng/ul	100
82) Benzo(a)anthracene	21.13	228	432393m	10.177	ng/ul	
84) Chrysene	21.18	228	825834	20.831	ng/ul	97
87) Benzo(b)fluoranthene	22.66	252	202876	5.563	ng/ul#	90
90) Benzo(a)pyrene	23.21	252	251225	6.985	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.44	276	115133	2.821	ng/ul	93
92) Dibenzo(a,h)anthracene	25.45	278	81736m	2.357	ng/ul	
93) Benzo(g,h,i)perylene	26.10	276	231001	6.791	ng/ul	94

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

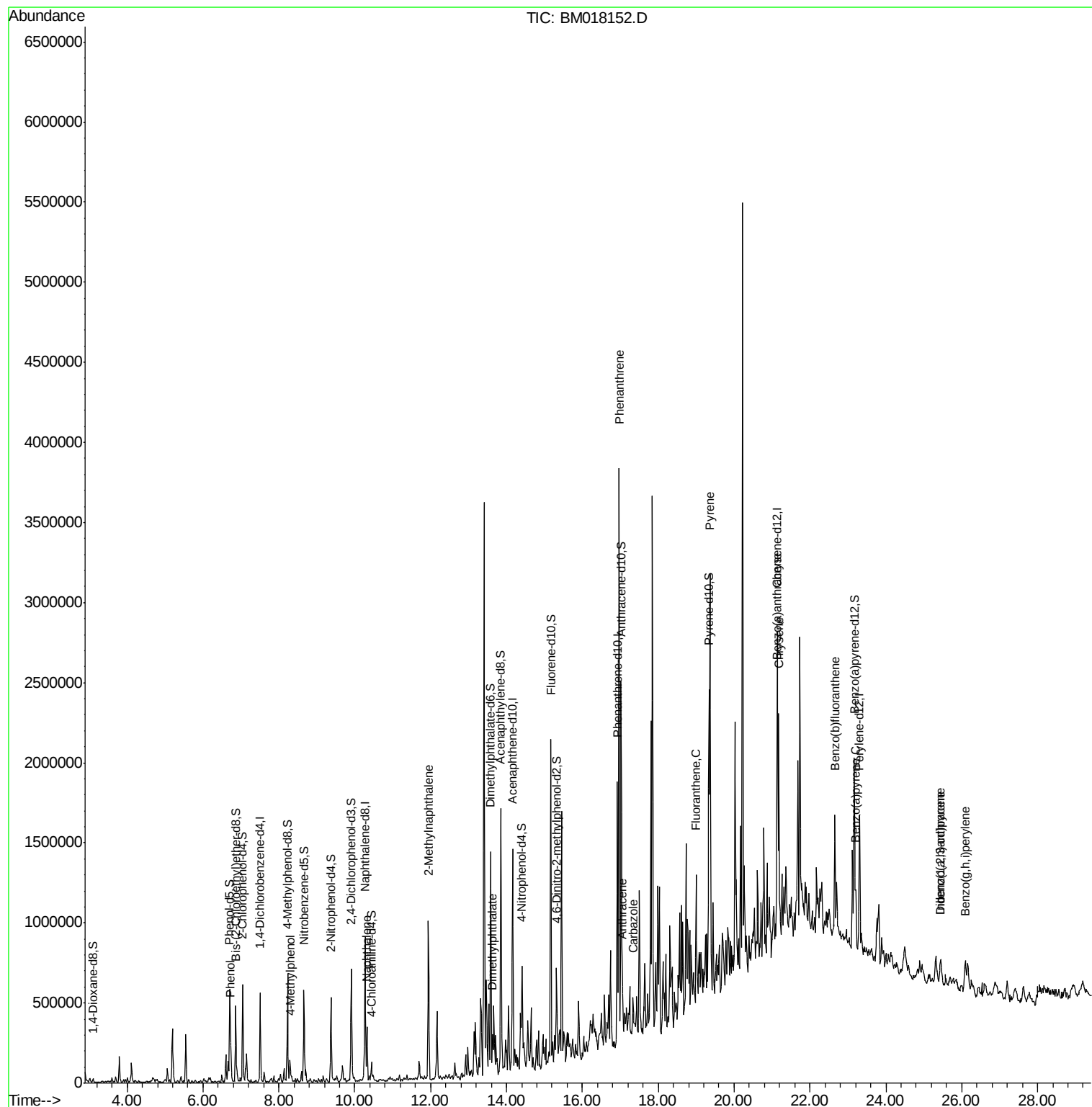
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018152.D
Acq On : 14 Dec 2018 05:12
Operator : JU/SJ
Sample : J6271-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

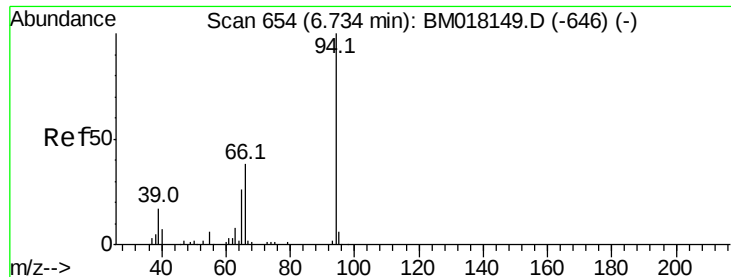
Instrument :
BNA_M
ClientSampleId :
F9F10

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Quant Time: Dec 14 06:49:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 05:30:21 2018
Response via : Initial Calibration





#6

Phenol

Concen: 6.073 ng/ul

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Instrument :

BNA_M

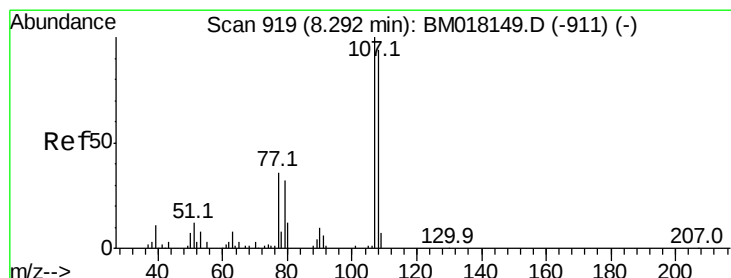
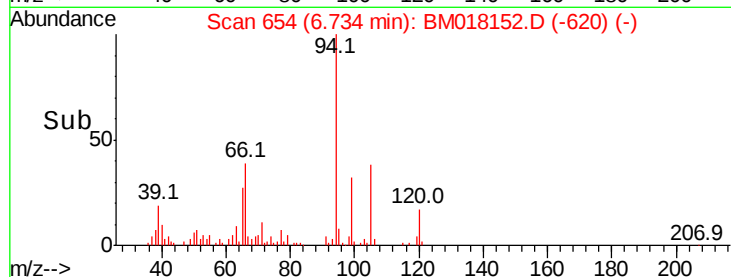
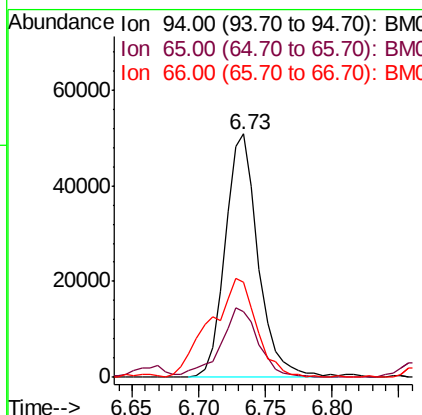
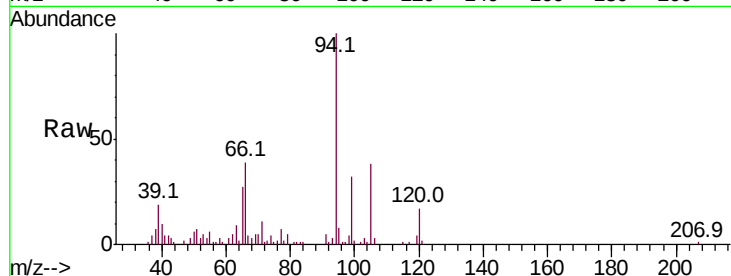
ClientSampleId :

F9F10

Tot Ion:	94	Resp:	87968
Ion Ratio	Lower	Upper	
94	100		
65	27.2	22.0	33.0
66	39.0	30.3	45.5

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#16

4-Methylphenol

Concen: 3.846 ng/ul

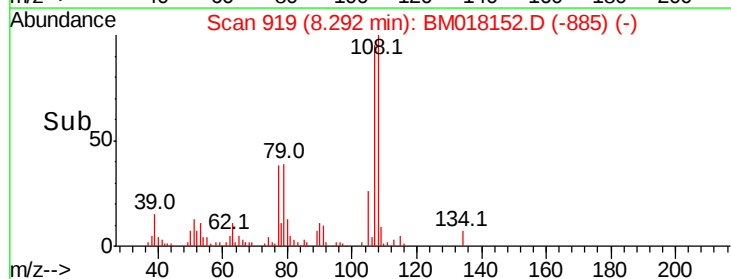
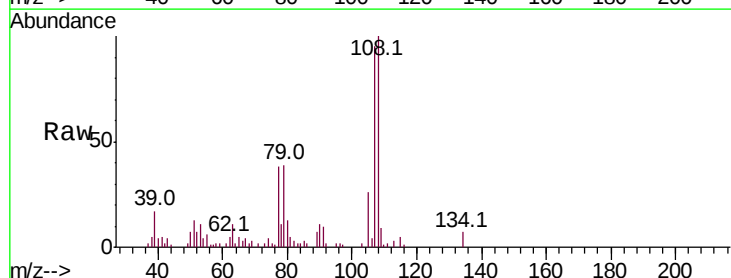
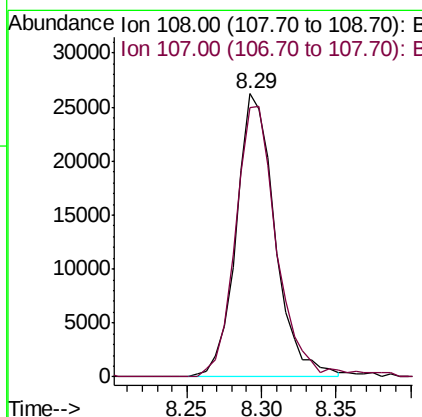
RT: 8.29 min Scan# 919

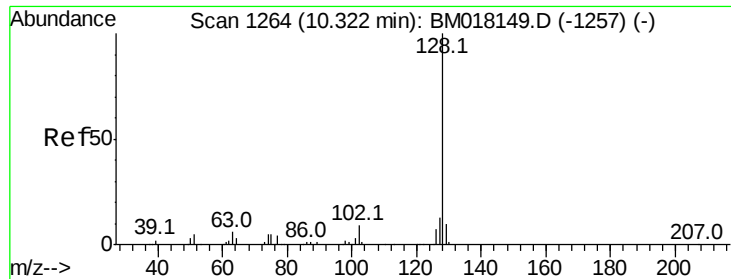
Delta R.T. -0.00 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Tgt Ion:	108	Resp:	47276
Ion Ratio	Lower	Upper	
108	100		
107	95.3	88.7	133.1





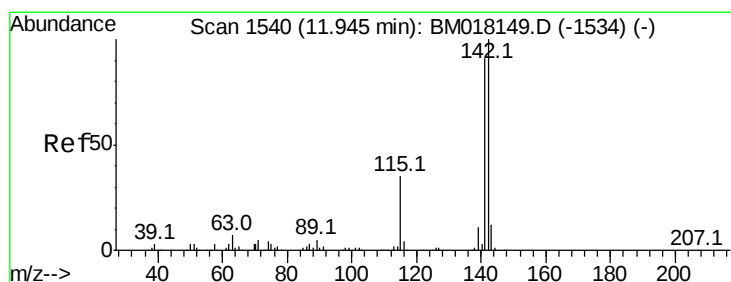
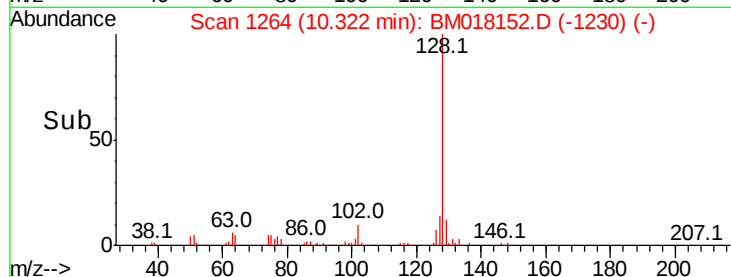
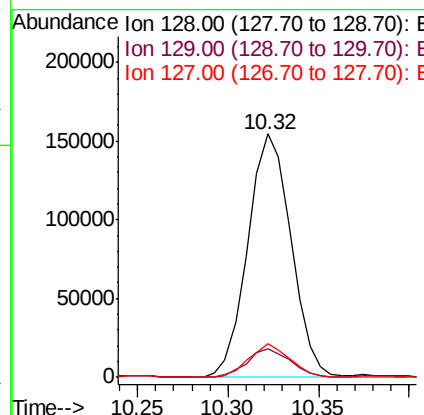
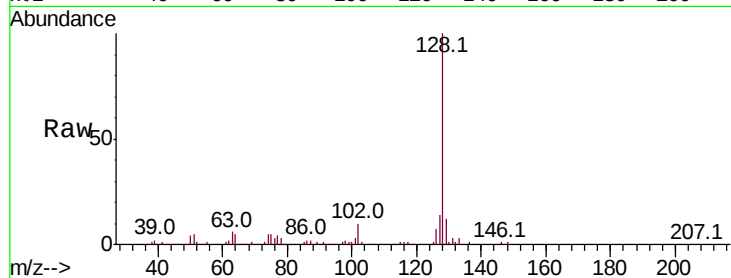
#28
Naphthalene
Concen: 6.680 ng/ul
RT: 10.32 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM018152.D
Acq: 14 Dec 2018 05:12

Instrument :
BNA_M
ClientSampleId :
F9F10

Tot Ion:	128	Resp:	256952
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.2	12.4
127	13.9	9.7	14.5

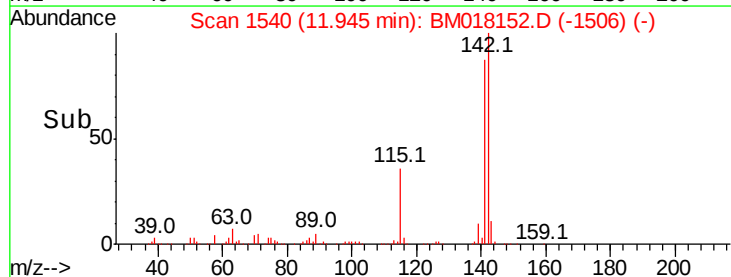
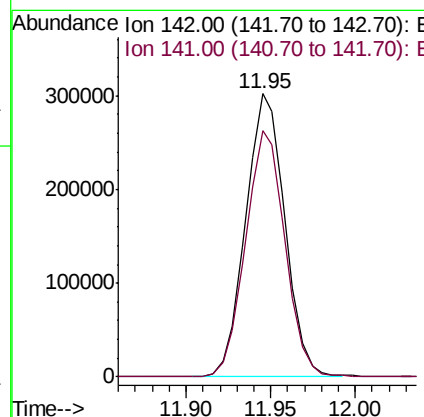
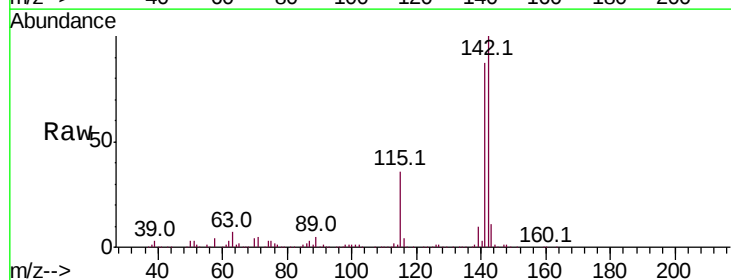
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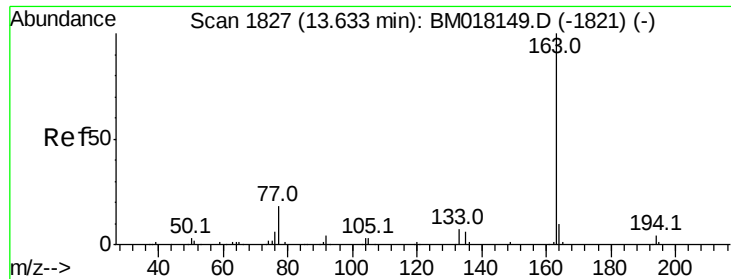
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#34
2-Methylnaphthalene
Concen: 17.079 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BM018152.D
Acq: 14 Dec 2018 05:12

Tgt Ion:	142	Resp:	487452
Ion Ratio	Lower	Upper	
142	100		
141	87.1	69.0	103.4





#44

Dimethylphthalate

Concen: 3.694 ng/ul

RT: 13.63 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Instrument :

BNA_M

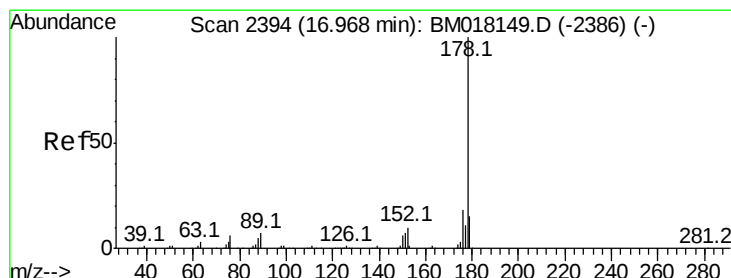
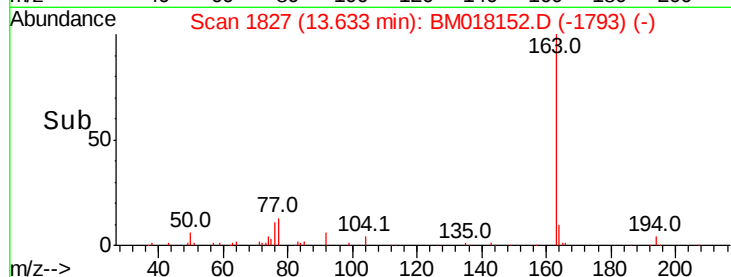
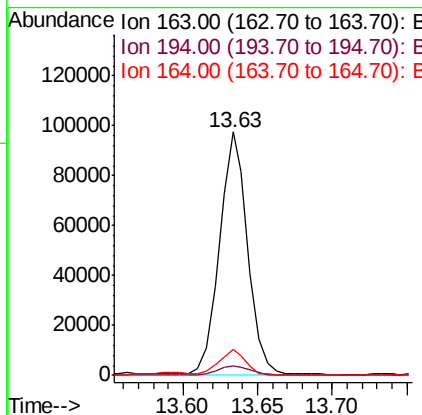
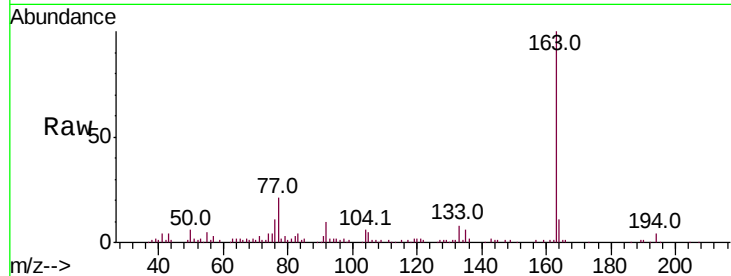
ClientSampled :

F9F10

Tot Ion:	163	Resp:	127918
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.7	5.5
164	10.7	8.2	12.4

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#69

Phenanthrene

Concen: 39.585 ng/ul

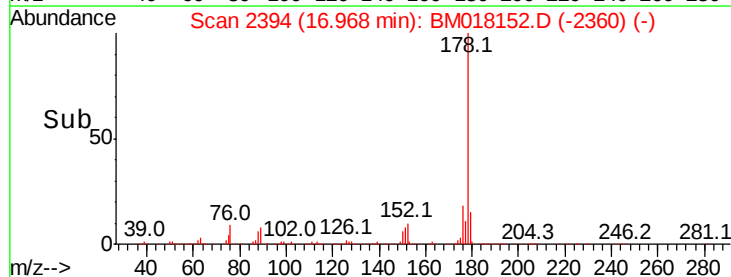
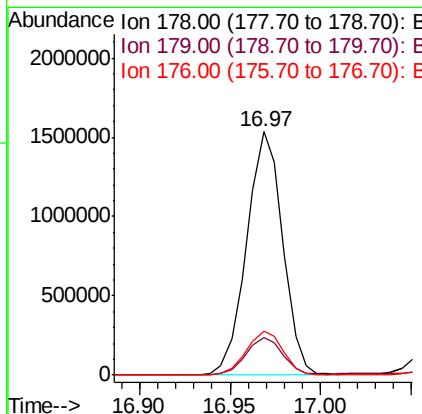
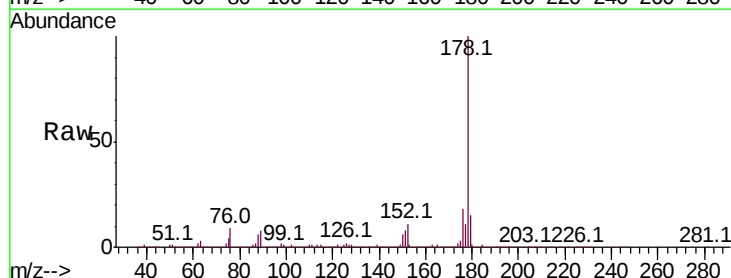
RT: 16.97 min Scan# 2394

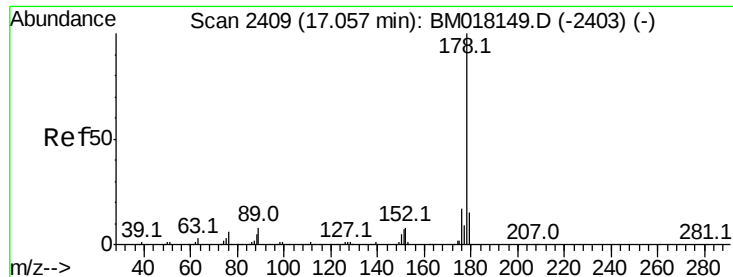
Delta R.T. -0.00 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Tgt Ion:	178	Resp:	2112021
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	17.9	14.3	21.5





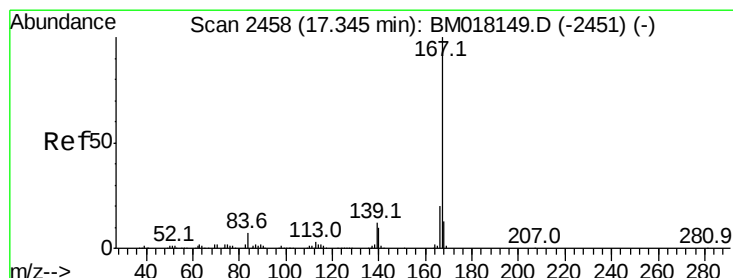
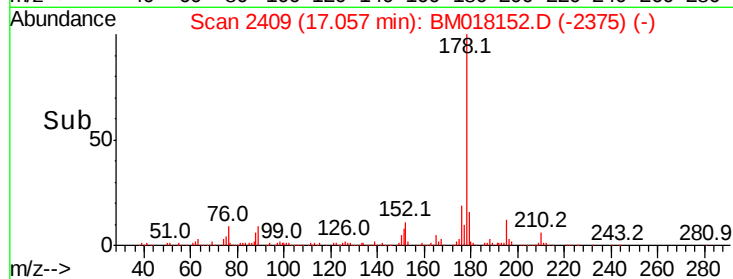
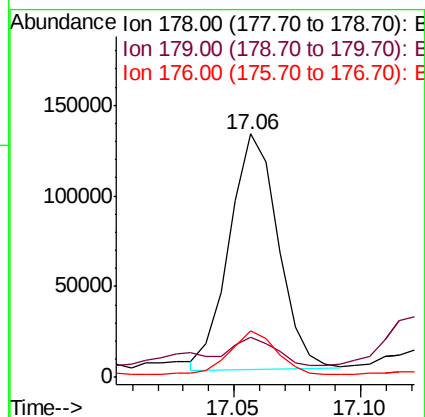
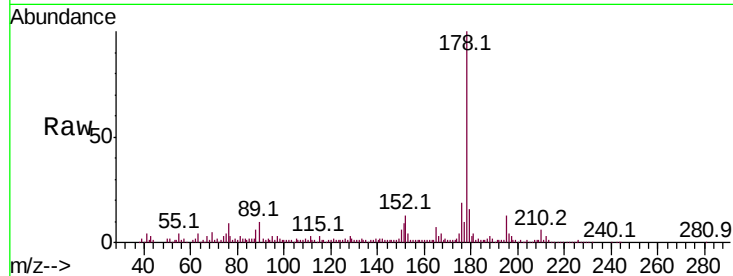
#71
 Anthracene
 Concen: 3.168 ng/ul
 RT: 17.06 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM018152.D
 Acq: 14 Dec 2018 05:12

Instrument :
 BNA_M
 ClientSampleId :
 F9F10

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.1	14.1	21.1

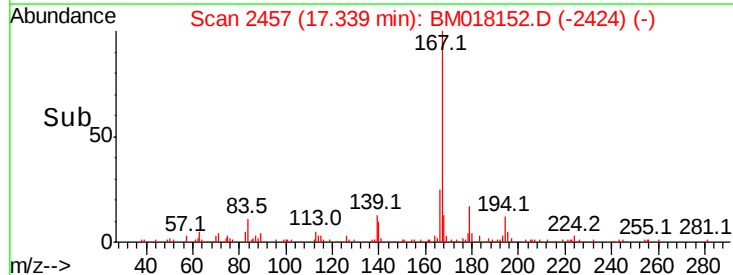
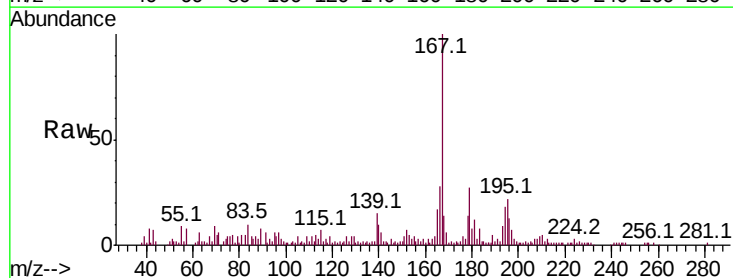
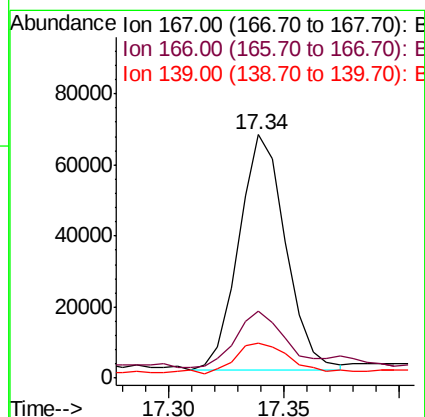
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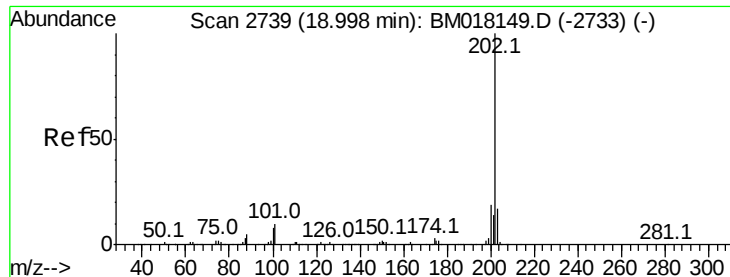
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#74
 Carbazole
 Concen: 1.866 ng/ul
 RT: 17.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BM018152.D
 Acq: 14 Dec 2018 05:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	27.7	16.6	24.8#
139	14.6	10.2	15.4





#76

Fluoranthene

Concen: 4.742 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Instrument :

BNA_M

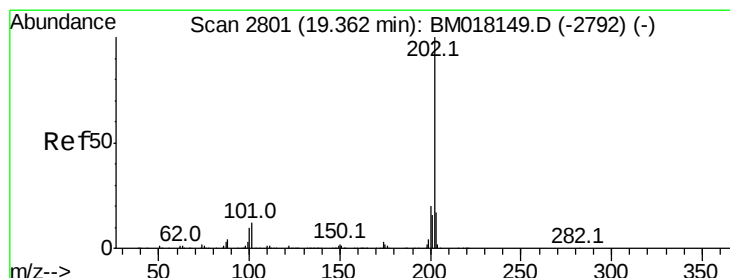
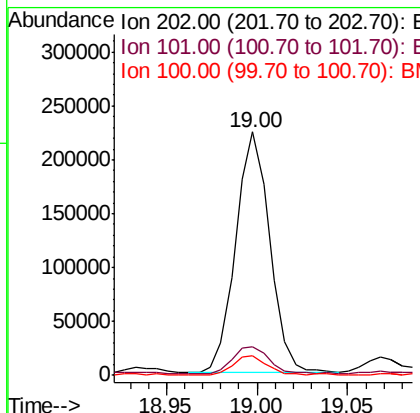
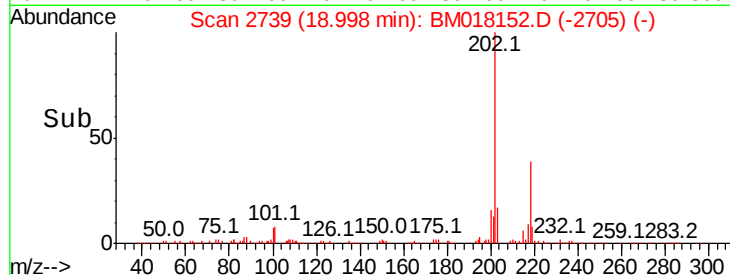
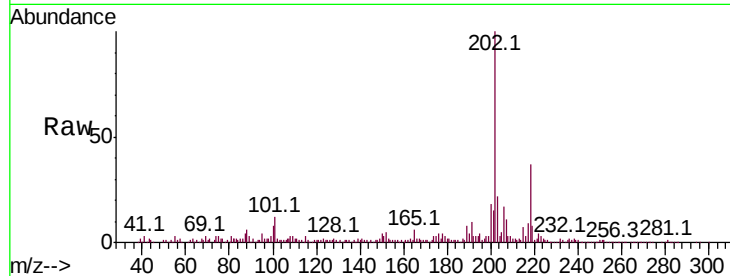
ClientSampleId :

F9F10

Tot Ion:	202	Resp:	293450
Ion Ratio	Lower	Upper	
202	100		
101	11.8	8.0	12.0
100	8.2	6.6	10.0

Manual Integrations
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#79

Pyrene

Concen: 38.428 ng/ul

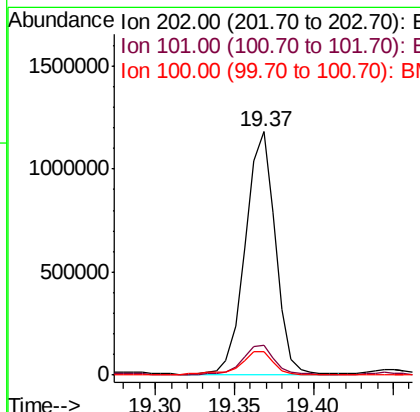
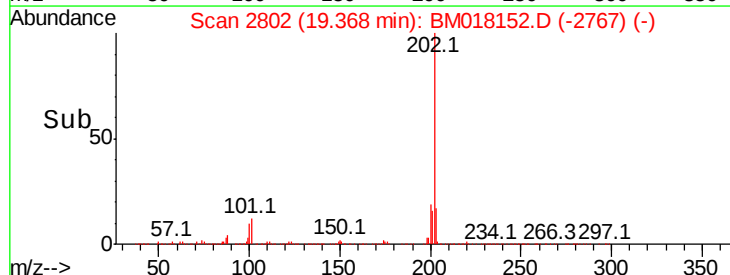
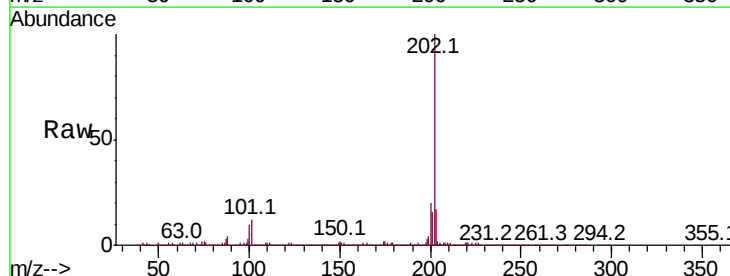
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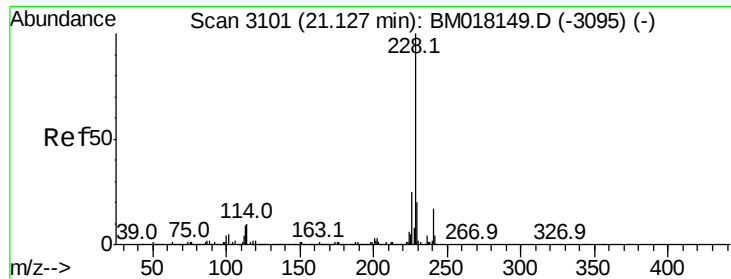
Delta R.T. 0.01 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Tgt Ion:	202	Resp:	1543325
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.6	14.4
100	9.7	7.7	11.5





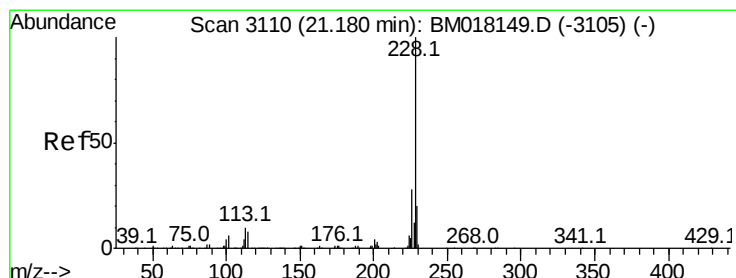
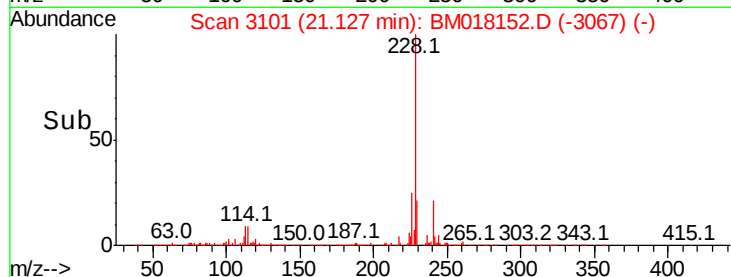
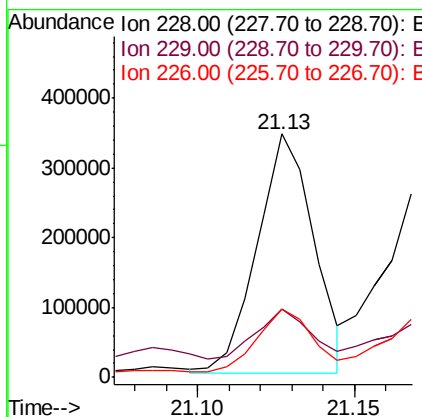
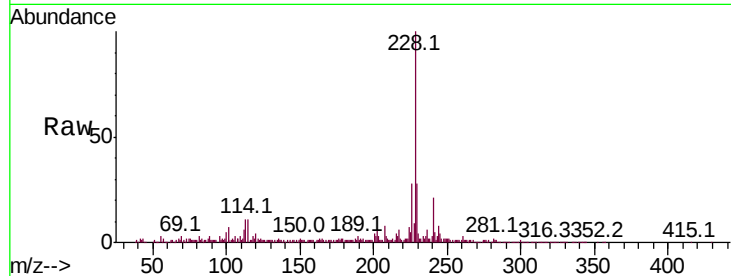
#82
Benzo(a)anthracene
Concen: 10.177 ng/ul m
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM018152.D
Acq: 14 Dec 2018 05:12

Instrument :
BNA_M
ClientSampleId :
F9F10

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.8	16.0	24.0#
226	28.0	20.5	30.7

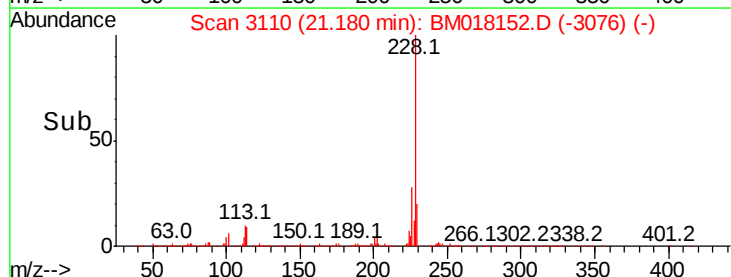
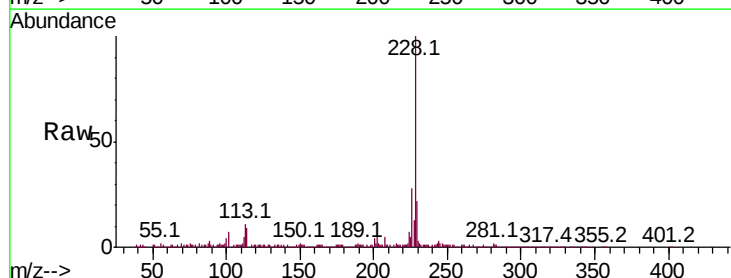
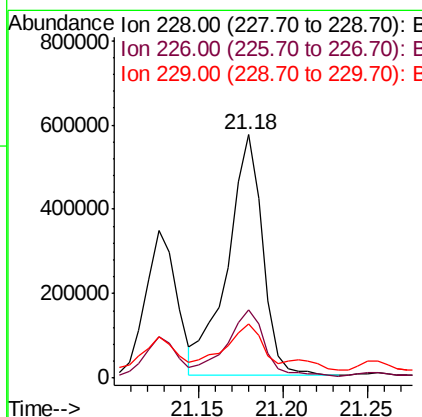
Manual Integrations
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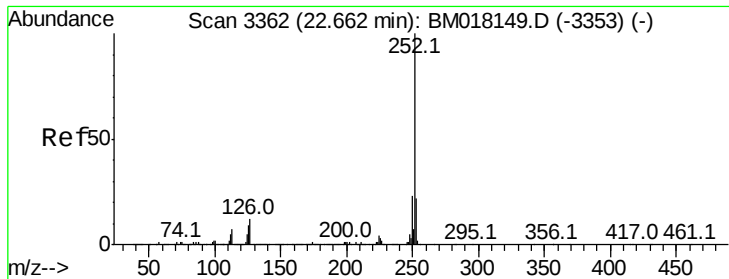
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#84
Chrysene
Concen: 20.831 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM018152.D
Acq: 14 Dec 2018 05:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.3	15.5	23.3





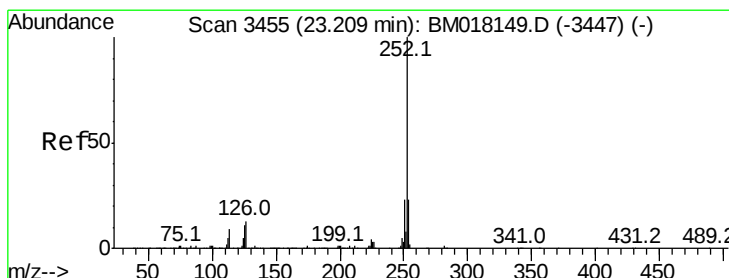
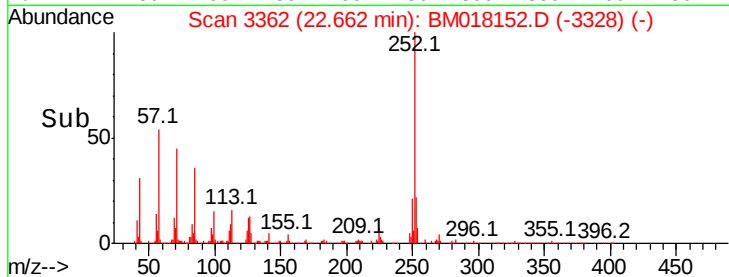
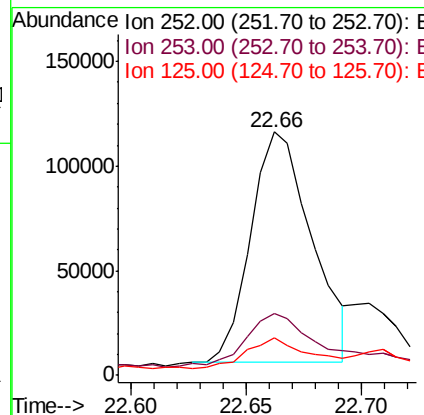
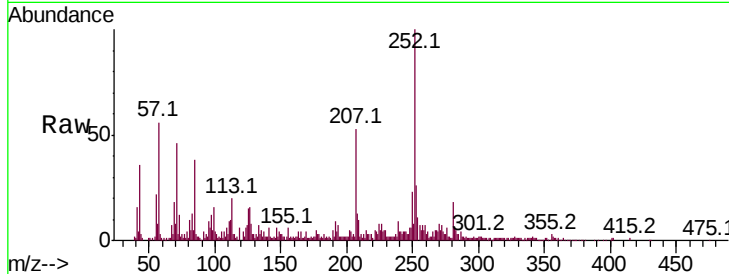
#87
Benzo(b)fluoranthene
Concen: 5.563 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BM018152.D
Acq: 14 Dec 2018 05:12

Instrument :
BNA_M
ClientSampleId :
F9F10

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	17.3	25.9
125	15.2	7.8	11.6

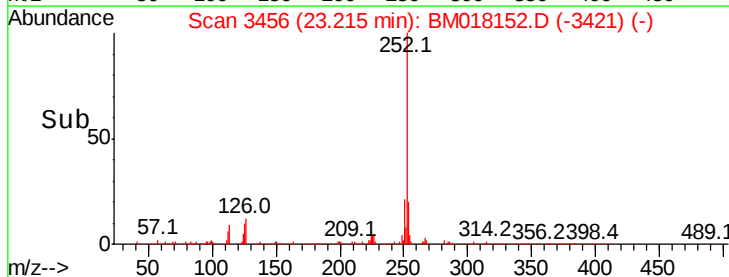
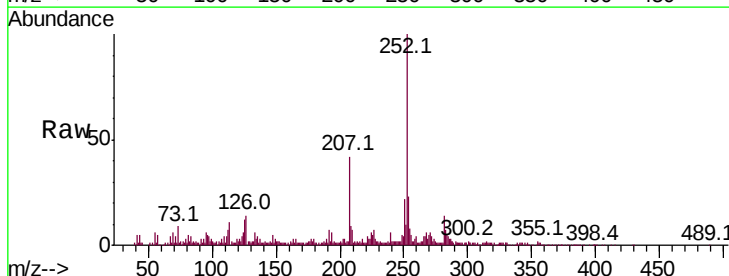
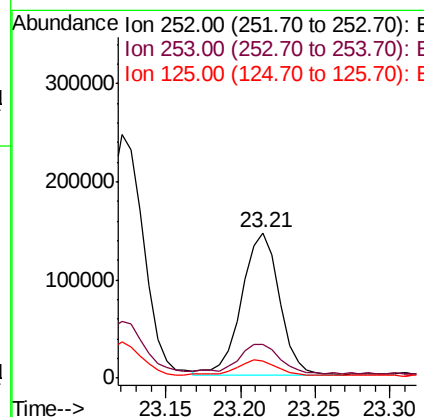
Manual Integrations
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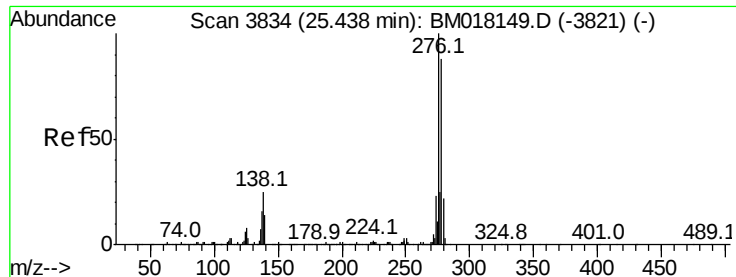
Sohil
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#90
Benzo(a)pyrene
Concen: 6.985 ng/ul
RT: 23.21 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM018152.D
Acq: 14 Dec 2018 05:12

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.4	26.0
125	12.0	9.0	13.4





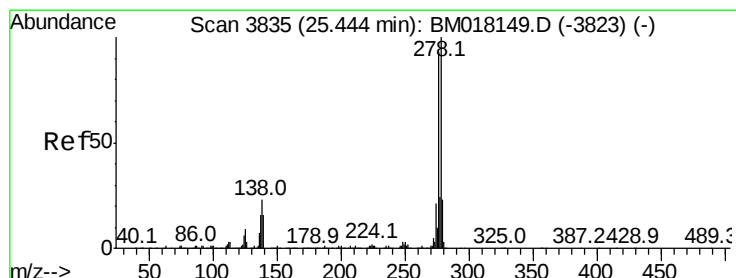
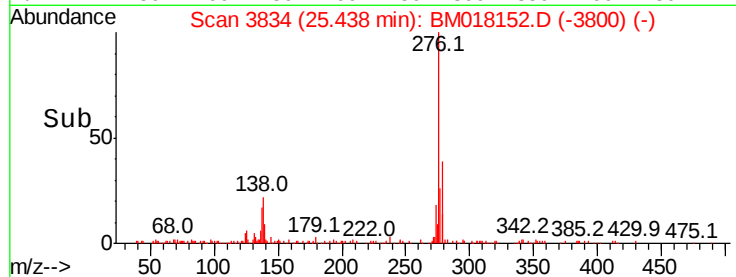
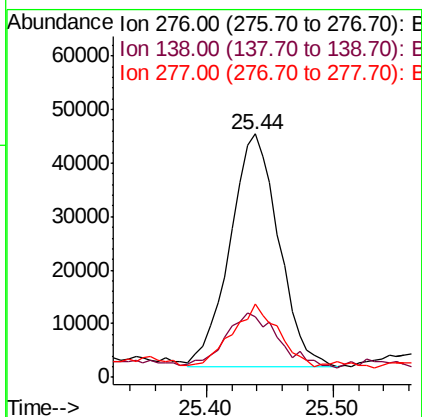
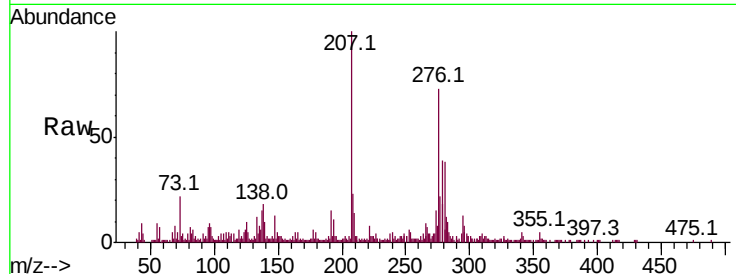
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.821 ng/ul
 RT: 25.44 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: BM018152.D
 Acq: 14 Dec 2018 05:12

Instrument :
 BNA_M
 ClientSampleId :
 F9F10

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.6	28.0
277	30.1	20.1	30.1

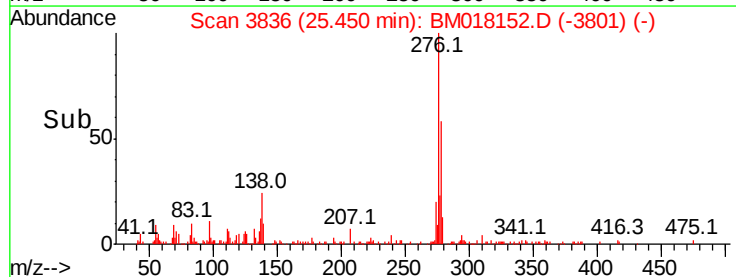
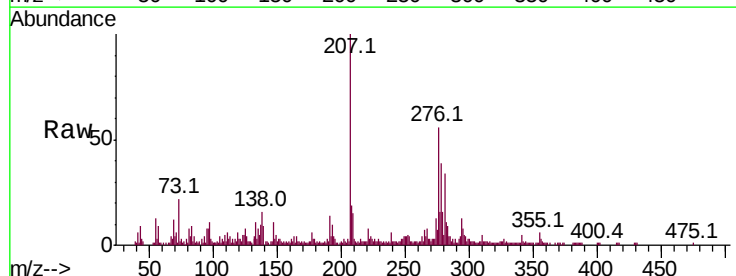
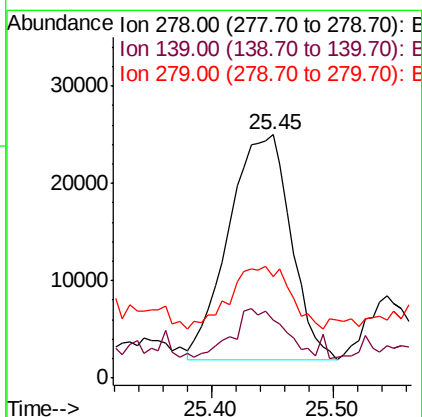
Manual Integrations
 APPROVED

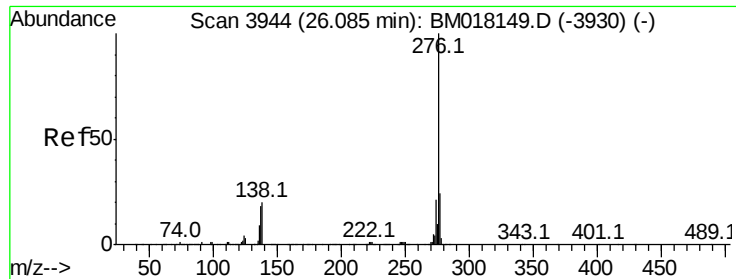
Sohil
 12/14/2018 2:17:38 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.357 ng/ul m
 RT: 25.45 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: BM018152.D
 Acq: 14 Dec 2018 05:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	12.6	19.0#
279	41.7	19.6	29.4#





#93

Benzo(a,h,i)perylene

Concen: 6.791 ng/ul

RT: 26.10 min Scan# 3946

Delta R.T. 0.01 min

Lab File: BM018152.D

Acq: 14 Dec 2018 05:12

Instrument :

BNA_M

ClientSampleId :

F9F10

Tot Ion:	276	Resp:	231001
Ion Ratio	Lower	Upper	
276	100		
138	21.6	15.4	23.2
277	26.6	19.0	28.4

Manual Integrations
APPROVED

Sohil
12/14/2018 2:17:38 PM

