

Data File : BM017897.D

Acq On : 04 Dec 2018 05:08

Operator : JU/SJ

Sample : J6045-20

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

CB4T9

Manual Integrations

APPROVED

mohammad

12/4/2018 10:26:59 AM

Quant Time: Dec 04 06:34:42 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Dec 04 00:18:53 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	199020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	866556	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	514006	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1131812	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1153996	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1002620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

						Qvalue
28) Naphthalene	10.39	128	135385	2.999	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	63607	1.887	ng/ul	96
49) Acenaphthene	14.29	153	180956	4.981	ng/ul	97
53) Dibenzofuran	14.63	168	263886	5.133	ng/ul	95
58) Fluorene	15.28	166	347198	8.099	ng/ul	97
69) Phenanthrene	17.03	178	4869747	75.239	ng/ul	99
71) Anthracene	17.12	178	541595	8.182	ng/ul	99
76) Fluoranthene	19.06	202	5187431	68.139	ng/ul	99
79) Pyrene	19.42	202	3262831	46.577	ng/ul	98
82) Benzo(a)anthracene	21.17	228	1738154	24.284	ng/ul	99
84) Chrysene	21.23	228	1822478	27.225	ng/ul	99
87) Benzo(b)fluoranthene	22.72	252	1416442	22.728	ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	410118m	6.771	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.53	276	148498	2.371	ng/ul	99
92) Dibenzo(a,h)anthracene	25.54	278	98481	1.863	ng/ul#	96

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

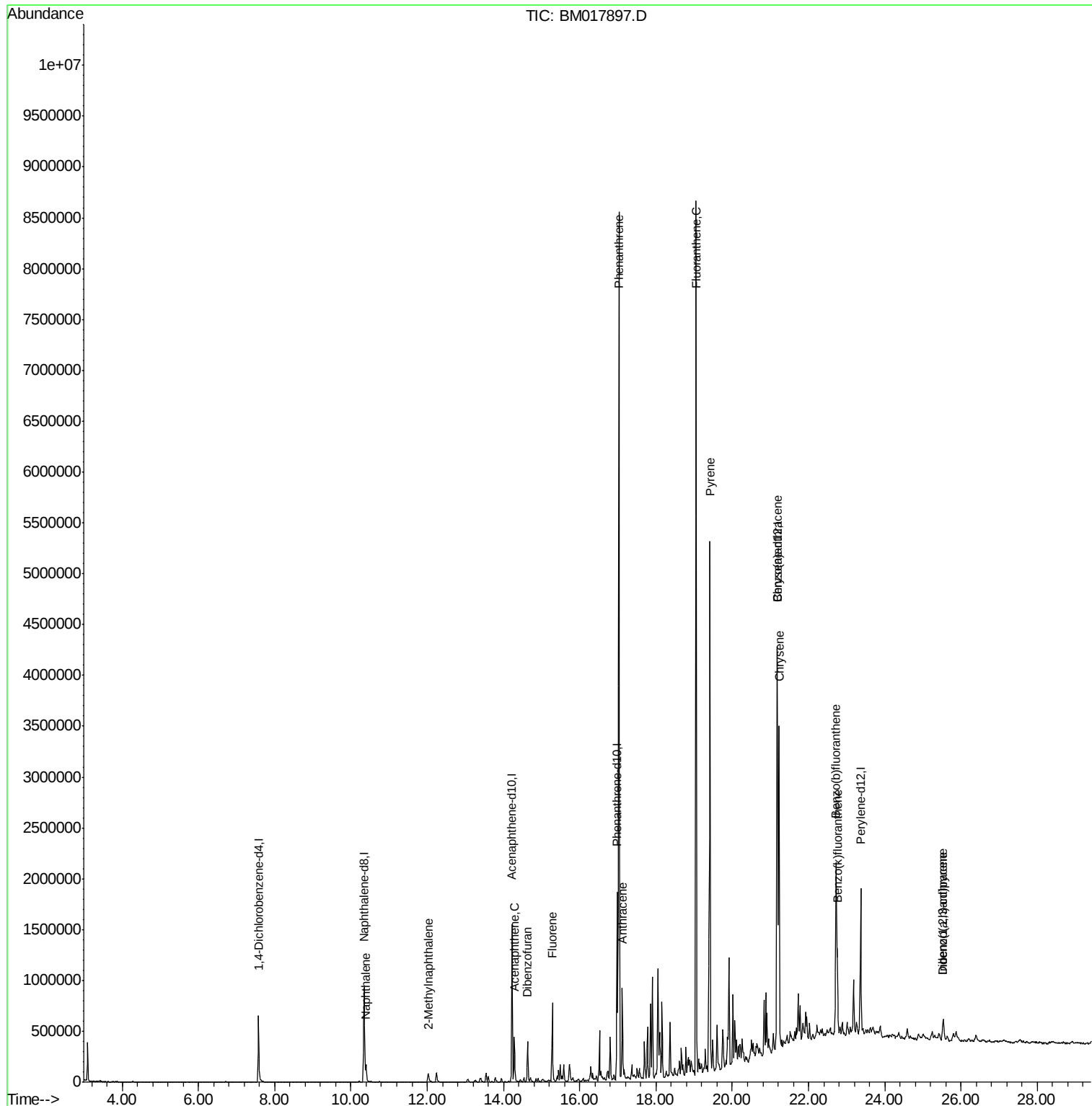
Data File : BM017897.D
Acq On : 04 Dec 2018 05:08
Operator : JU/SJ
Sample : J6045-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

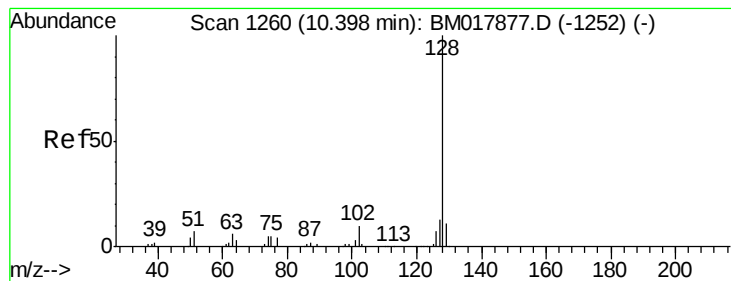
Instrument :
BNA_M
ClientSampleId :
CB4T9

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12/4/2018 10:26:59 AM

Quant Time: Dec 04 06:34:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 04 00:18:53 2018
Response via : Initial Calibration





#28

Naphthalene

Concen: 2.999 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM017897.D

Acq: 04 Dec 2018 05:08

Instrument :

BNA_M

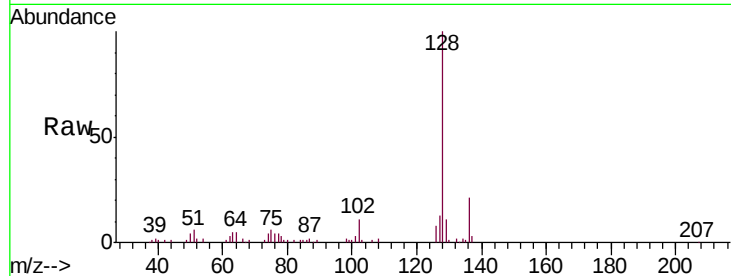
ClientSampleId :

CB4T9

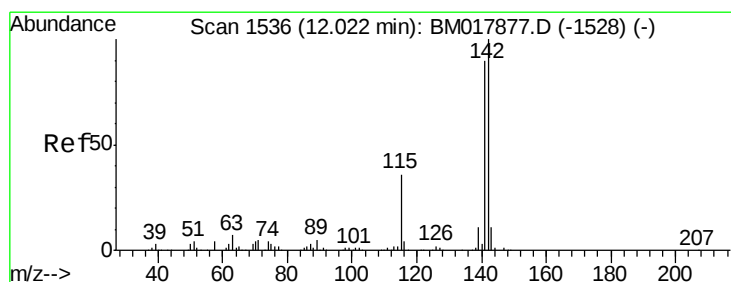
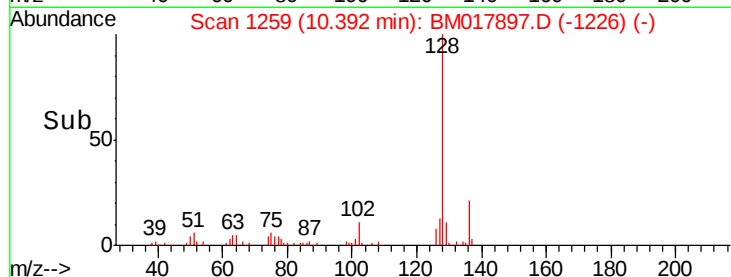
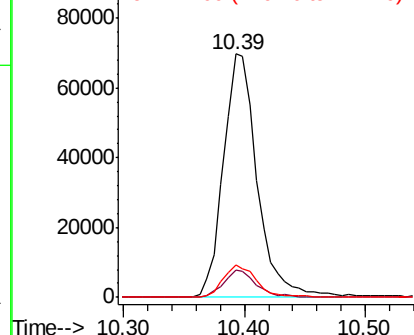
Tgt Ion:	128	Resp:	135385
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.6	12.8
127	13.4	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.887 ng/ul

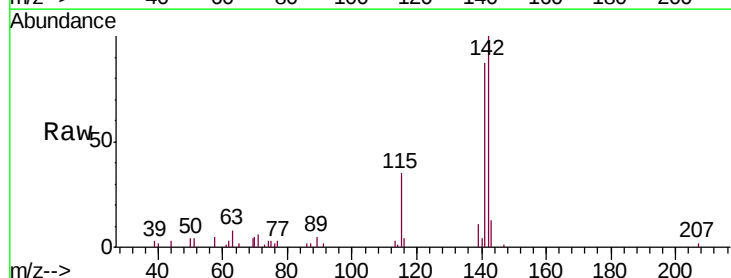
RT: 12.02 min Scan# 1536

Delta R.T. 0.00 min

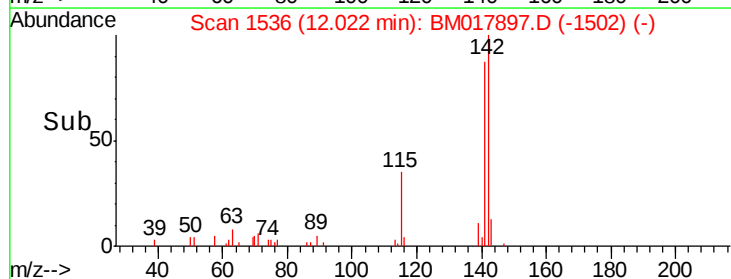
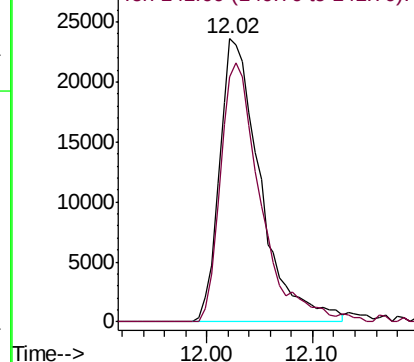
Lab File: BM017897.D

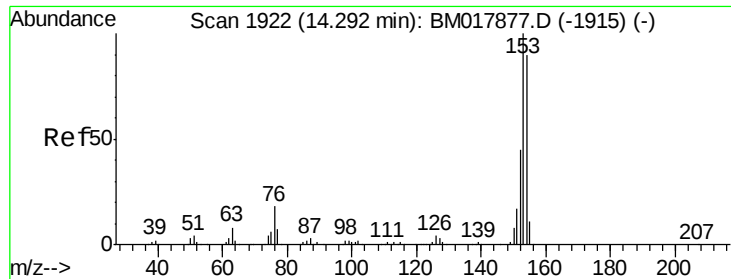
Acq: 04 Dec 2018 05:08

Tgt Ion:	142	Resp:	63607
Ion Ratio	Lower	Upper	
142	100		
141	86.6	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 4.981 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM017897.D

Acq: 04 Dec 2018 05:08

Instrument :

BNA_M

ClientSampleId :

CB4T9

Tgt Ion:153 Resp: 180956
Ion Ratio Lower Upper

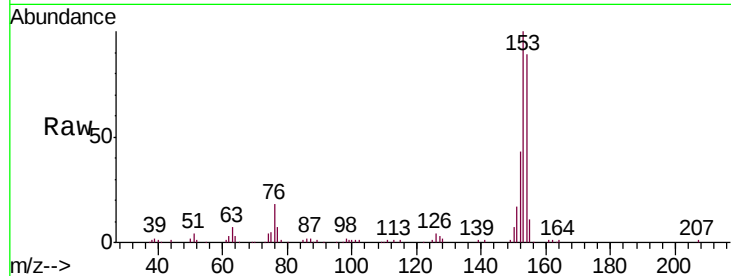
153 100

152 42.7 37.0 55.6

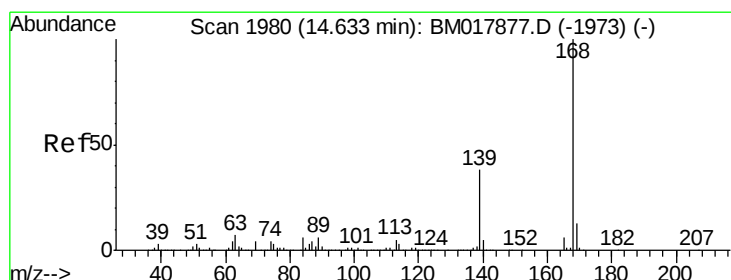
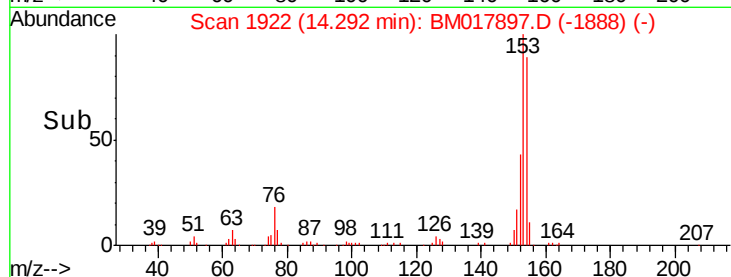
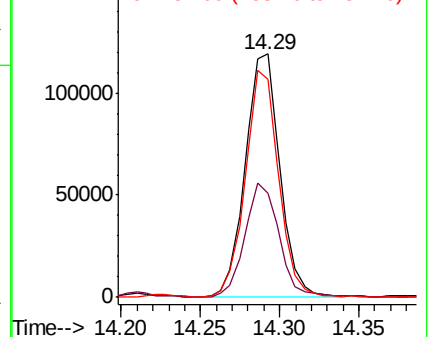
154 89.3 70.6 106.0

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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

Dibenzofuran

Concen: 5.133 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

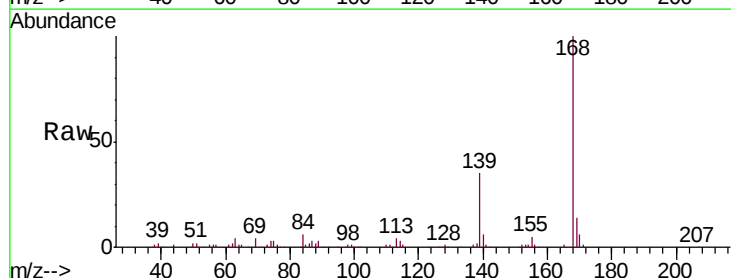
Lab File: BM017897.D

Acq: 04 Dec 2018 05:08

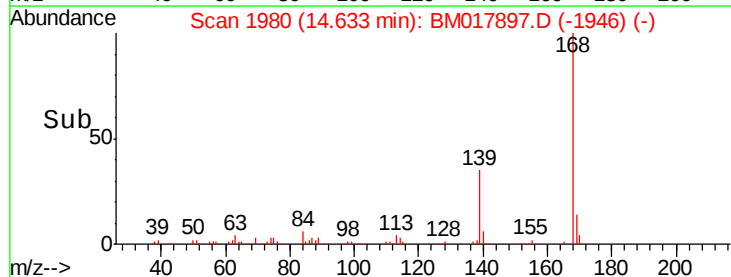
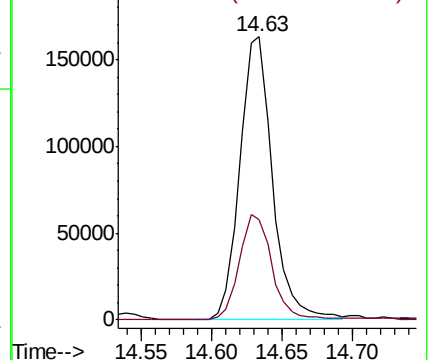
Tgt Ion:168 Resp: 263886
Ion Ratio Lower Upper

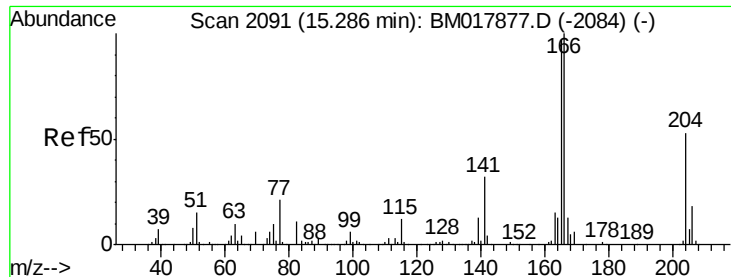
168 100

139 35.4 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





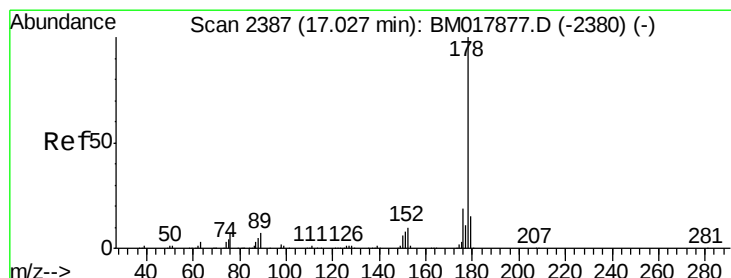
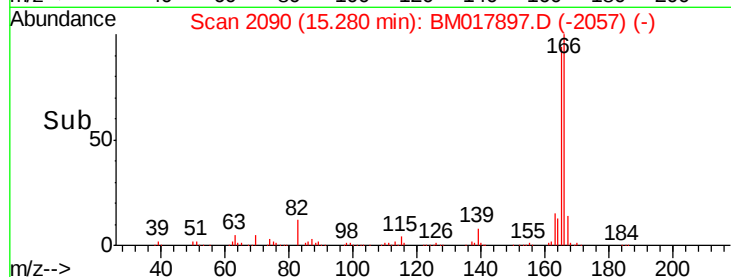
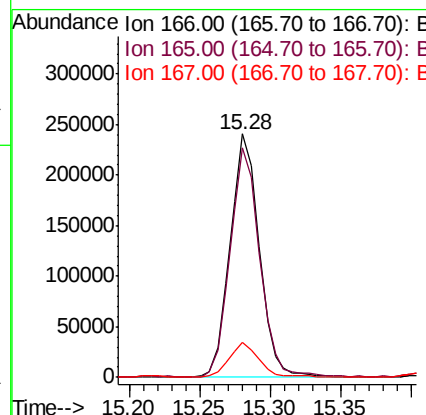
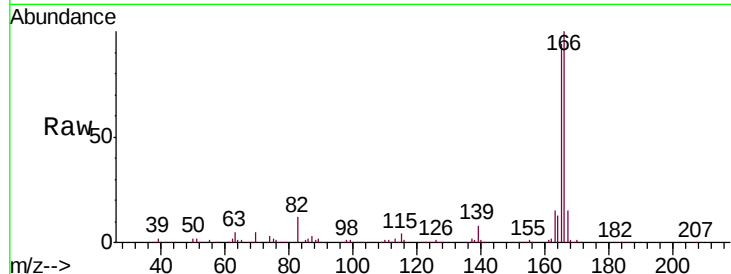
#58
 Fluorene
 Concen: 8.099 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM017897.D
 Acq: 04 Dec 2018 05:08

Instrument :
 BNA_M
 ClientSampleId :
 CB4T9

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	347198		
165	94.3	78.0	117.0	
167	14.5	10.8	16.2	

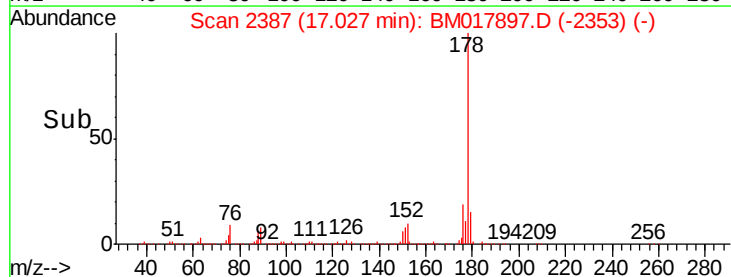
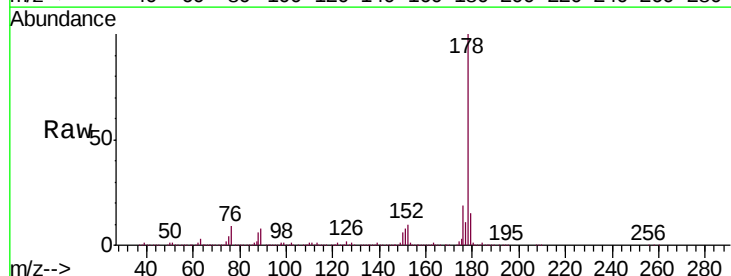
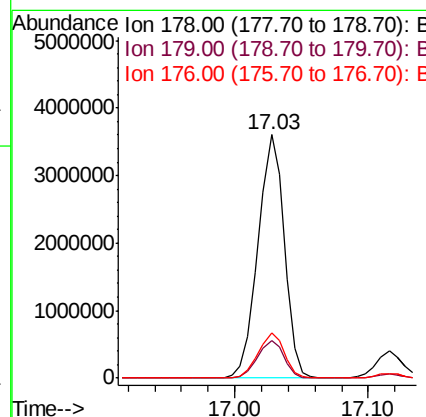
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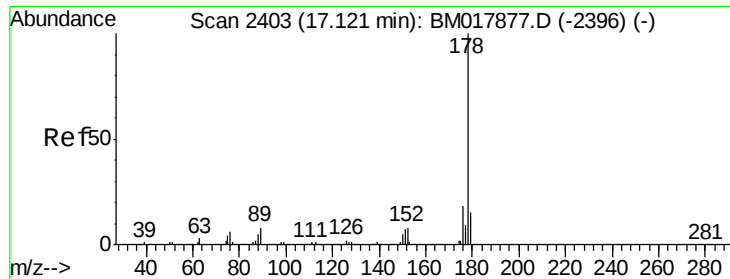
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#69
 Phenanthrene
 Concen: 75.239 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM017897.D
 Acq: 04 Dec 2018 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4869747		
179	15.3	11.8	17.8	
176	18.6	15.0	22.6	





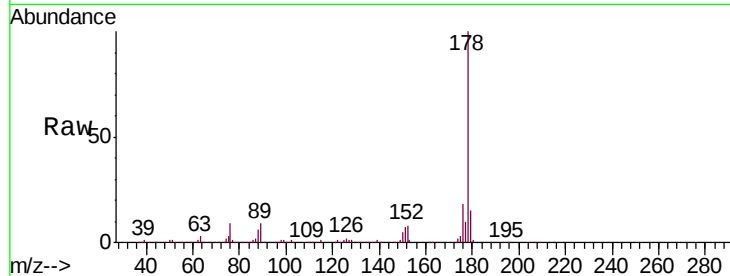
#71
 Anthracene
 Concen: 8.182 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BM017897.D
 Acq: 04 Dec 2018 05:08

Instrument :
 BNA_M
 ClientSampleId :
 CB4T9

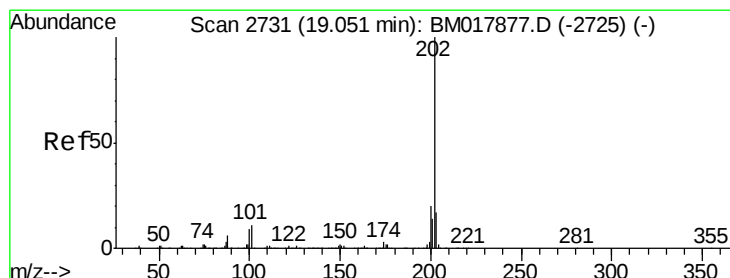
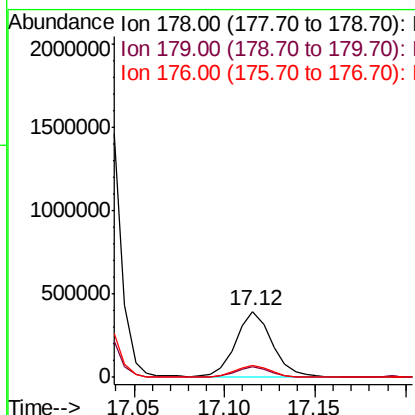
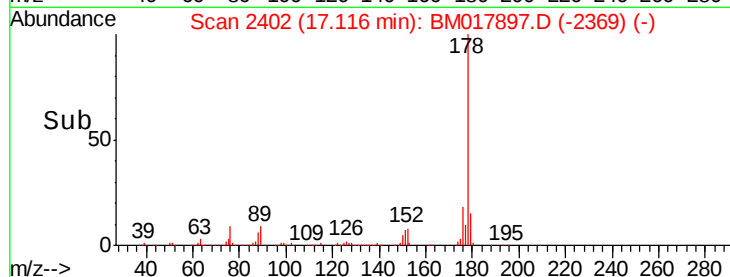
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	17.9	14.8	22.2

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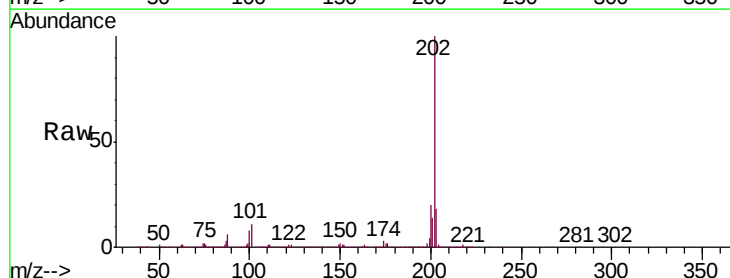


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

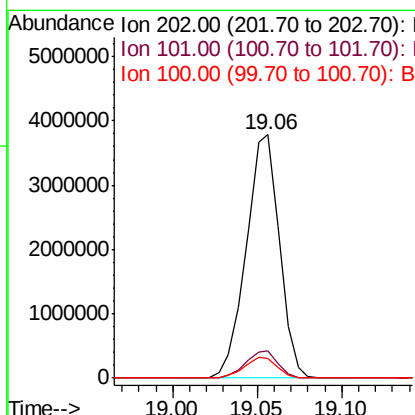
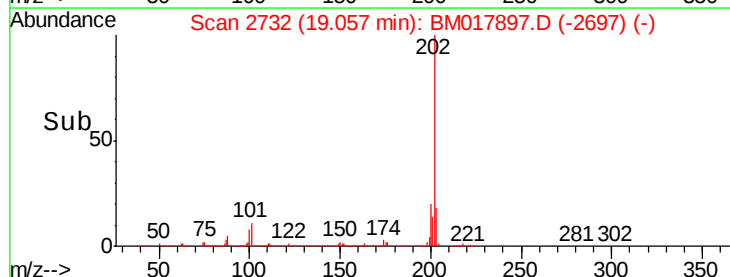


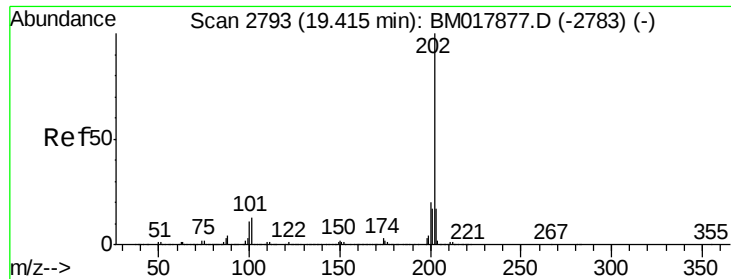
#76
 Fluoranthene
 Concen: 68.139 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BM017897.D
 Acq: 04 Dec 2018 05:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.4	12.6
100	8.3	6.6	9.8



Abundance Ion 202.00 (201.70 to 202.70): E
 5000000 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





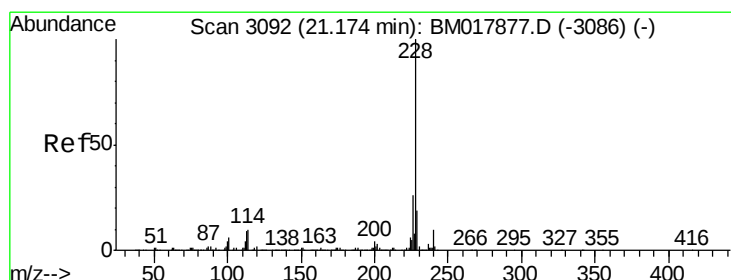
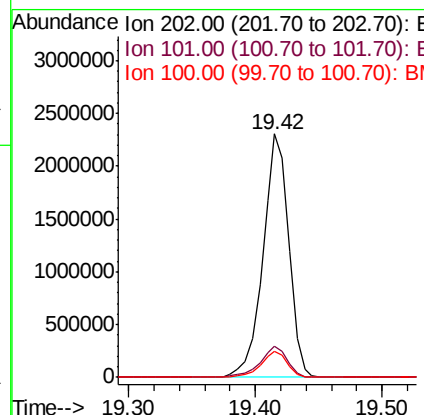
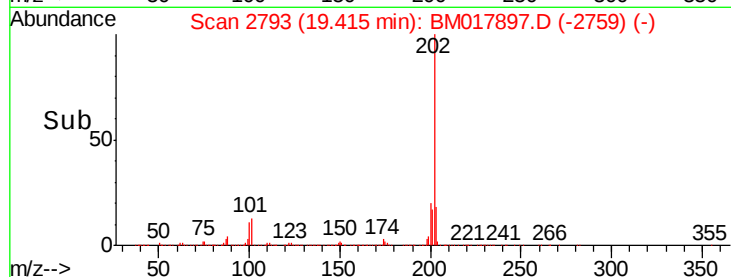
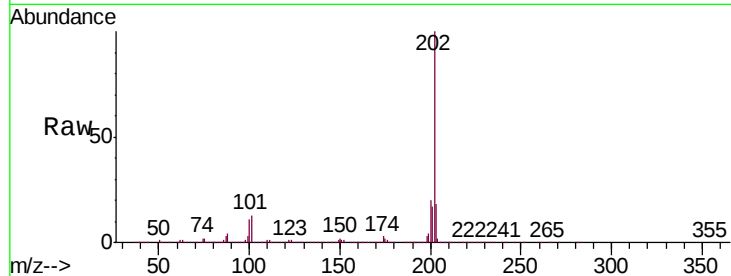
#79
 Pyrene
 Concen: 46.577 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BM017897.D
 Acq: 04 Dec 2018 05:08

Instrument :
 BNA_M
 ClientSampleId :
 CB4T9

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
100	10.9	7.9	11.9

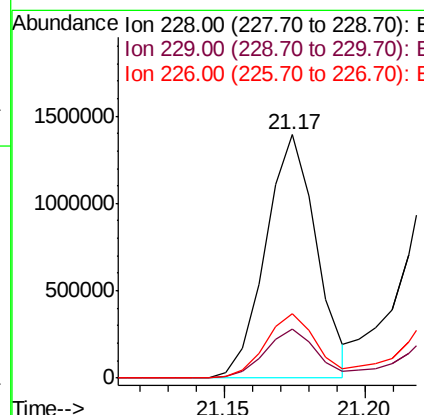
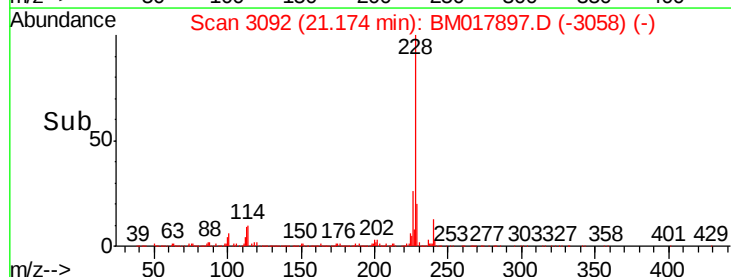
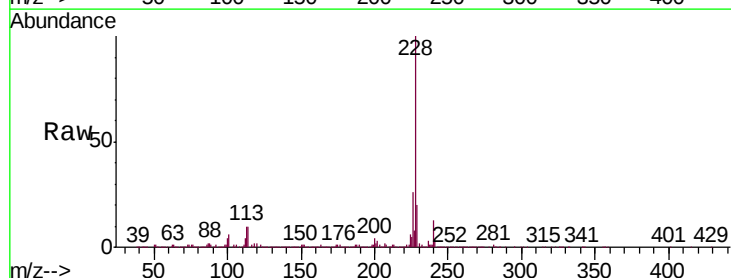
Manual Integrations
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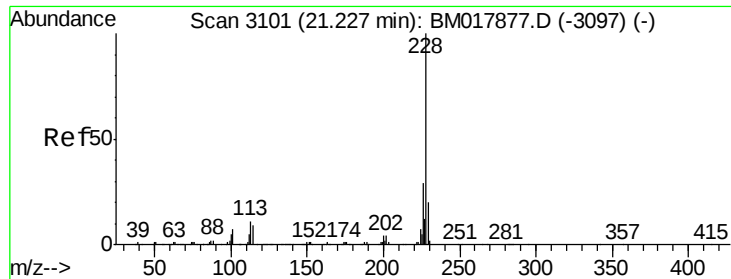
mohammad
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#82
 Benzo(a)anthracene
 Concen: 24.284 ng/ul
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM017897.D
 Acq: 04 Dec 2018 05:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	26.4	21.0	31.6





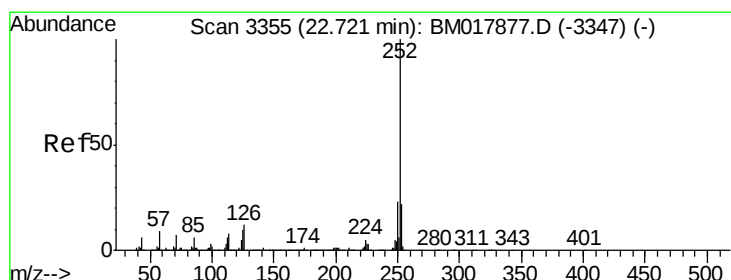
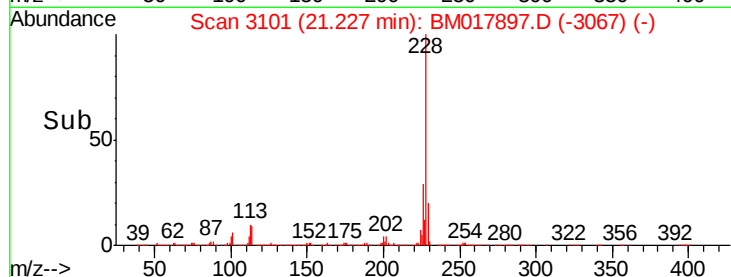
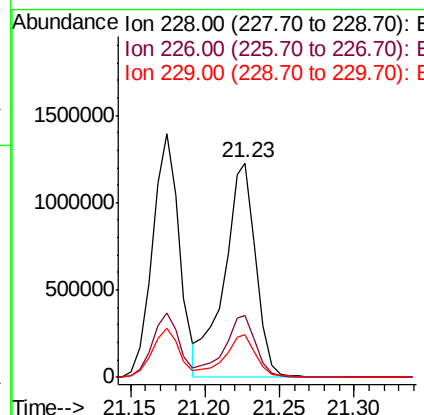
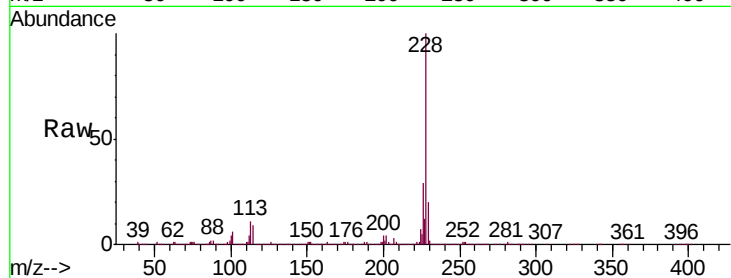
#84
Chrysene
Concen: 27.225 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM017897.D
Acq: 04 Dec 2018 05:08

Instrument :
BNA_M
ClientSampleId :
CB4T9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	20.0	15.8	23.8

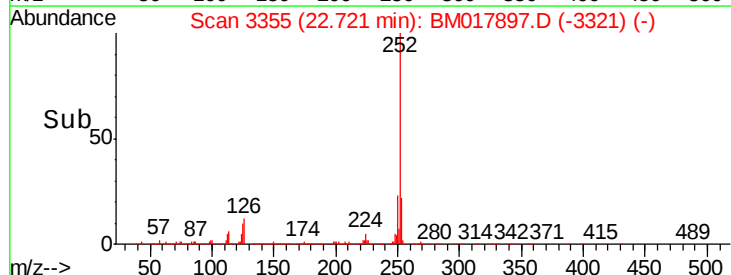
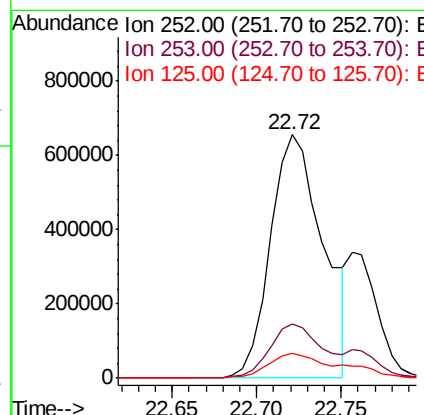
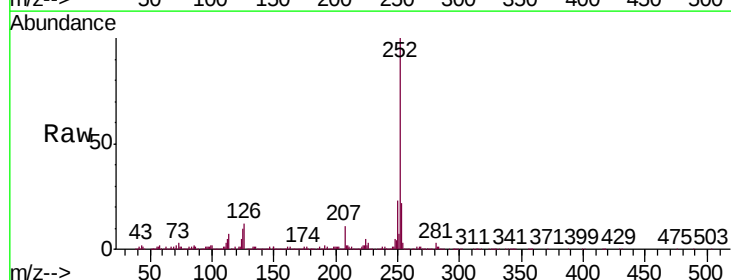
Manual Integrations
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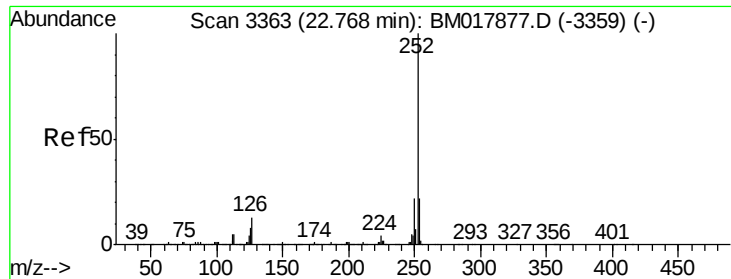
mohammad
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#87
Benzo(b)fluoranthene
Concen: 22.728 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM017897.D
Acq: 04 Dec 2018 05:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.0	7.3	10.9





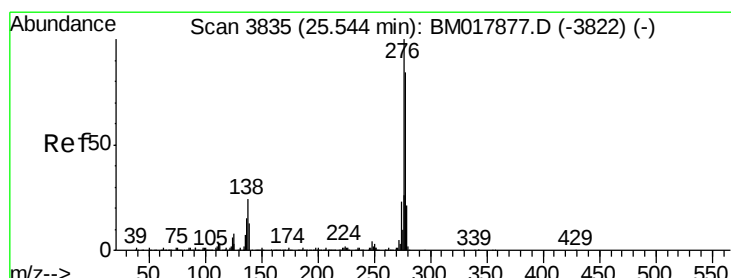
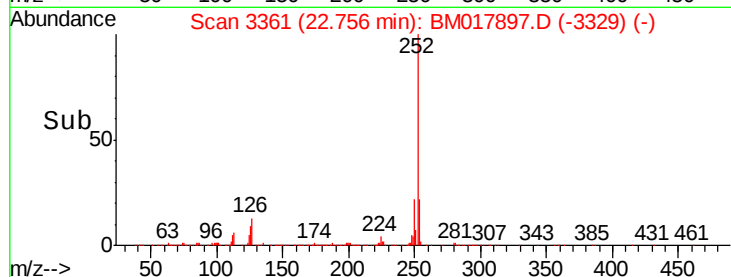
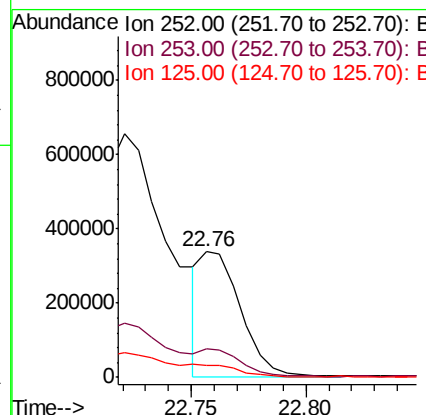
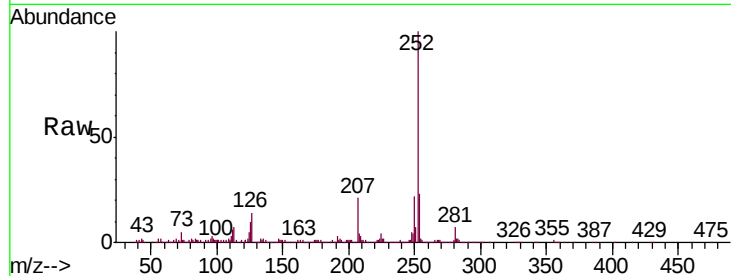
#88
Benzo(k)fluoranthene
Concen: 6.771 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM017897.D
Acq: 04 Dec 2018 05:08

Instrument :
BNA_M
ClientSampleId :
CB4T9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.6	7.1	10.7

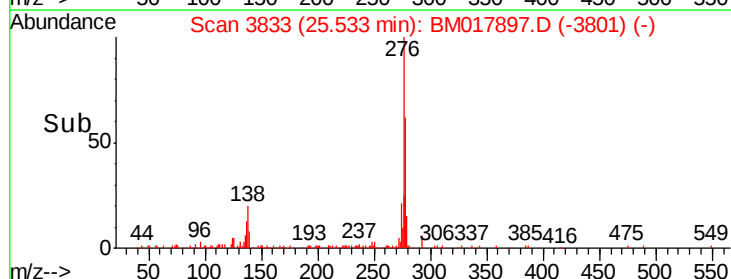
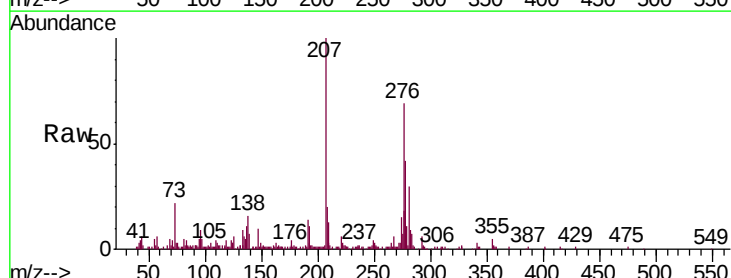
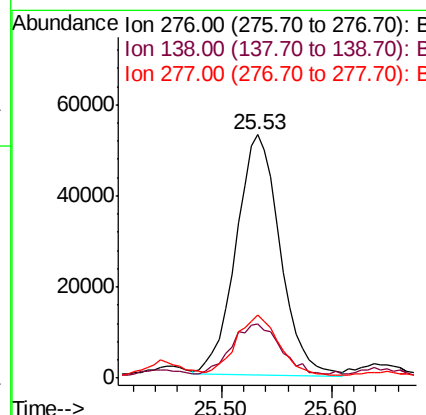
Manual Integrations
APPROVED

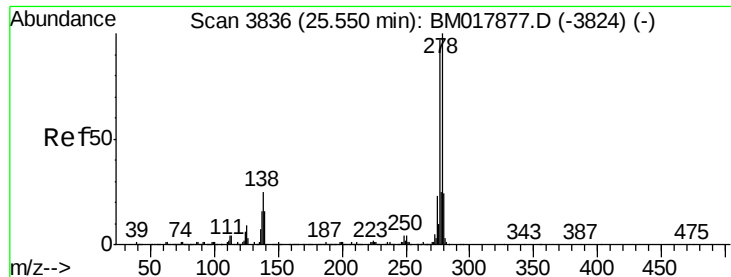
mohammad
12/4/2018 10:26:59 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.371 ng/ul
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM017897.D
Acq: 04 Dec 2018 05:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.2	27.2
277	25.9	20.2	30.4





#92

Dibenzo(a,h)anthracene

Concen: 1.863 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. -0.01 min

Lab File: BM017897.D

Acq: 04 Dec 2018 05:08

Instrument :

BNA_M

ClientSampleId :

CB4T9

Tgt Ion:	278	Resp:	98481
Ion Ratio	Lower	Upper	
278	100		
139	17.7	11.5	17.3#
279	24.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
12/4/2018 10:26:59 AM

