

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020854.D
 Acq On : 11 Jun 2019 02:37
 Operator : HP/JU
 Sample : K3017-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51F0

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:29:13 AM

Quant Time: Jun 11 05:47:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	353781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1385193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	758155	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1549703	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1511218	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1804499	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	24098	3.25	ng/uL	0.00
5) Phenol-d5	6.97	99	476291	17.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	300194	18.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	419118	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	387027	17.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	191476	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	211802	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	395127	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	223126	9.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1161204	20.71	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1387158	19.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	118715	12.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	937164	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	71634	9.04	ng/ul	0.00
70) Anthracene-d10	17.29	188	1337864	19.76	ng/ul	0.00
78) Pyrene-d10	19.59	212	1371252	18.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1565328	19.09	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.00	94	30558	1.097	ng/ul	96
44) Dimethylphthalate	13.90	163	399793	7.120	ng/ul	100
69) Phenanthrene	17.23	178	2513655	32.229	ng/ul	99
71) Anthracene	17.32	178	208944	2.614	ng/ul	99
74) Carbazole	17.60	167	467055	6.718	ng/ul	99
76) Fluoranthene	19.25	202	9121307	102.053	ng/ul	99
79) Pyrene	19.62	202	7100278	76.114	ng/ul	96
82) Benzo(a)anthracene	21.36	228	3032875	32.171	ng/ul	96
84) Chrysene	21.41	228	4838232	55.310	ng/ul	99
87) Benzo(b)fluoranthene	22.97	252	8516798	81.133	ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	2212918m	22.055	ng/ul	
90) Benzo(a)pyrene	23.56	252	4338320	43.440	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.98	276	4332237	36.728	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.98	278	957992	9.585	ng/ul#	83
93) Benzo(g,h,i)perylene	26.70	276	3873336	40.475	ng/ul	96

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

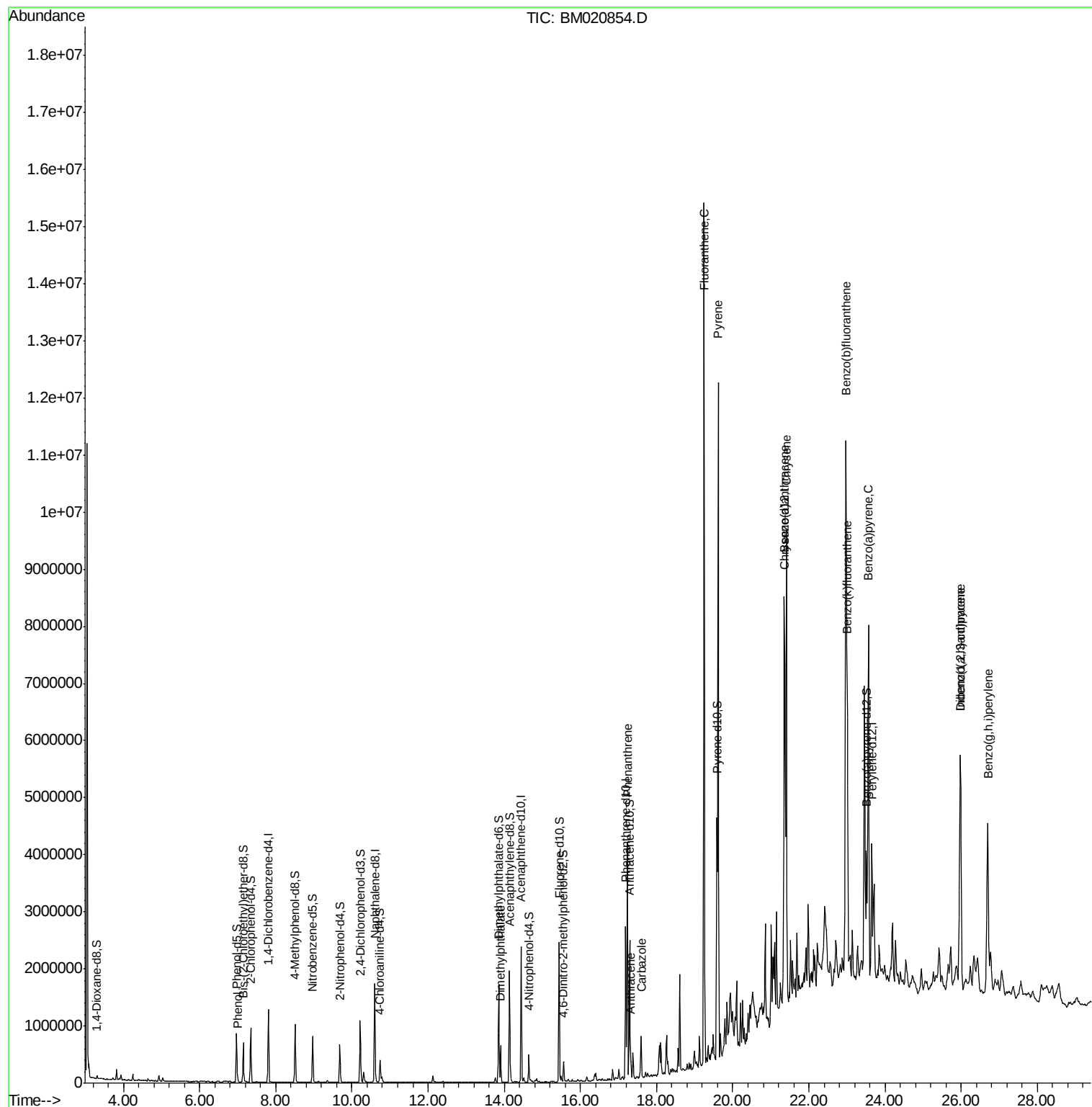
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

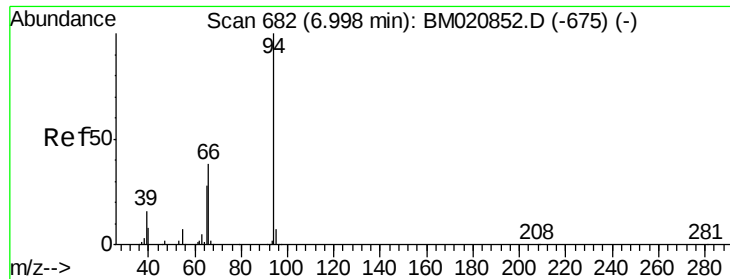
Instrument :
BNA_M
ClientSampleId :
A51F0

Manual Integrations
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6/12/2019 8:29:13 AM

Quant Time: Jun 11 05:47:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.097 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM020854.D

Acq: 11 Jun 2019 02:37

Instrument :

BNA_M

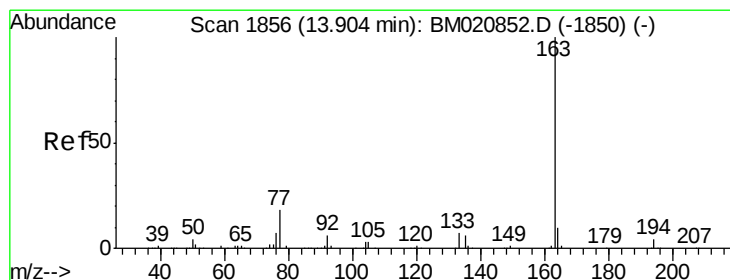
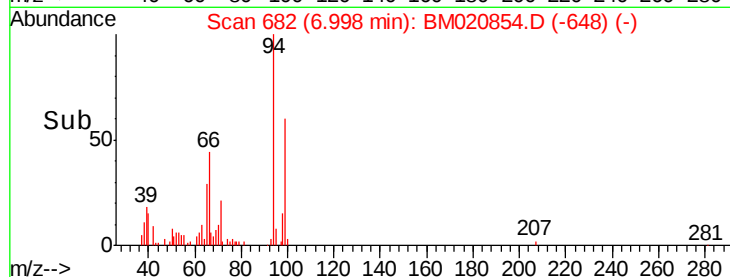
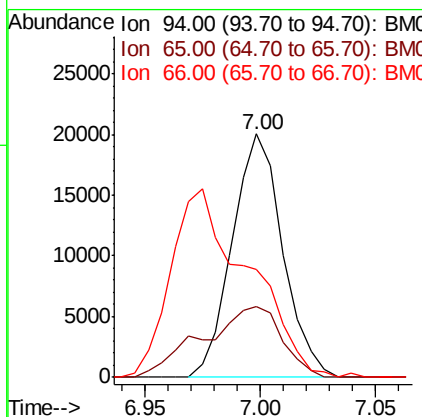
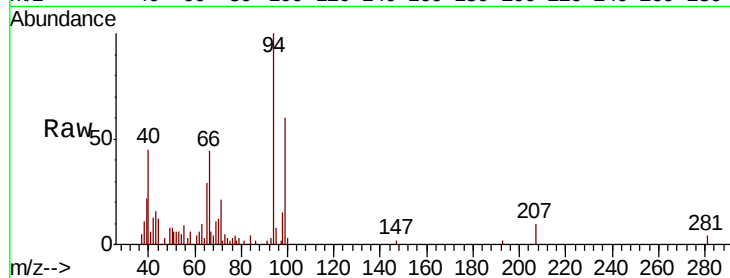
ClientSampled :

A51F0

Tot Ion:	94	Resp:	30558
Ion	Ratio	Lower	Upper
94	100		
65	28.9	23.3	34.9
66	44.2	32.1	48.1

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#44

Dimethylphthalate

Concen: 7.120 ng/ul

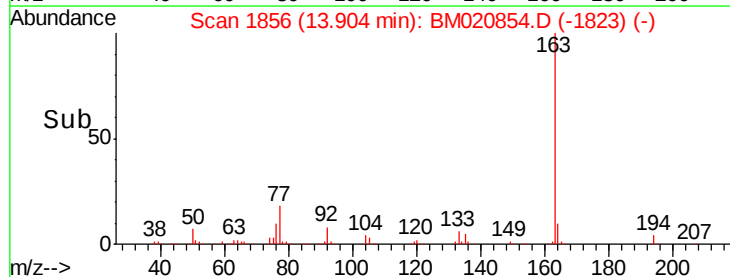
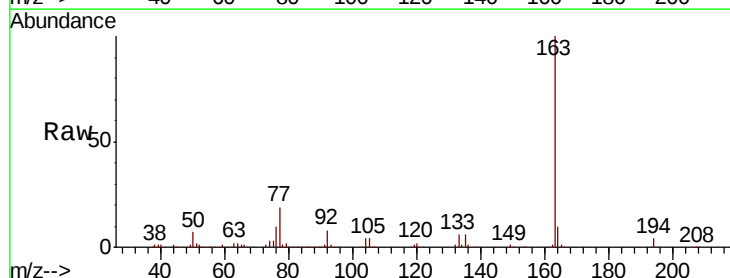
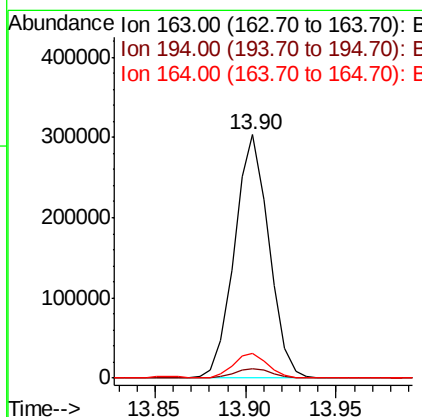
RT: 13.90 min Scan# 1856

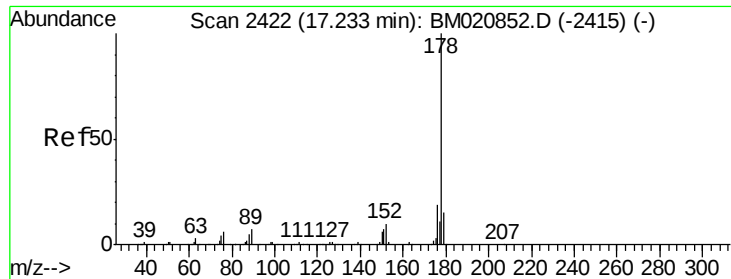
Delta R.T. -0.01 min

Lab File: BM020854.D

Acq: 11 Jun 2019 02:37

Tgt Ion:	163	Resp:	399793
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.0	12.0





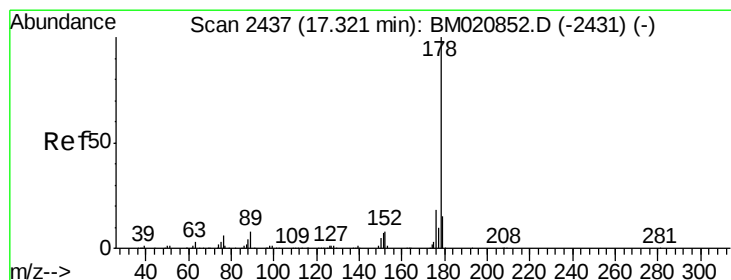
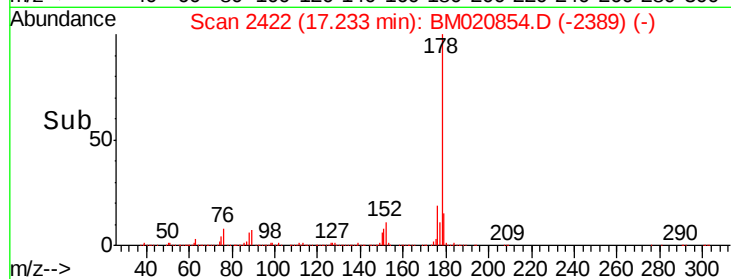
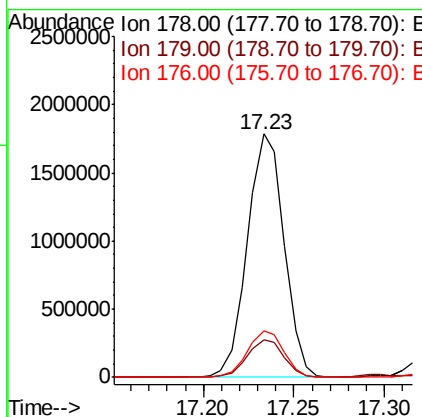
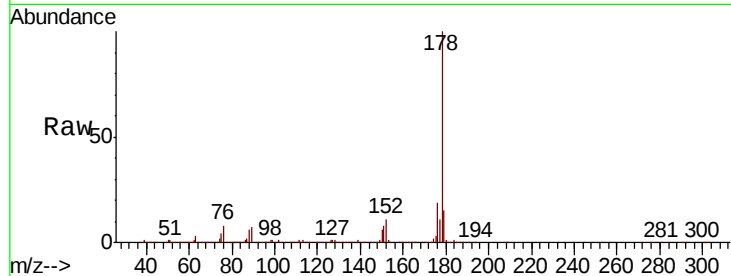
#69
Phenanthrene
Concen: 32.229 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020854.D
Acq: 11 Jun 2019 02:37

Instrument :
BNA_M
ClientSampleId :
A51F0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.0	14.8	22.2

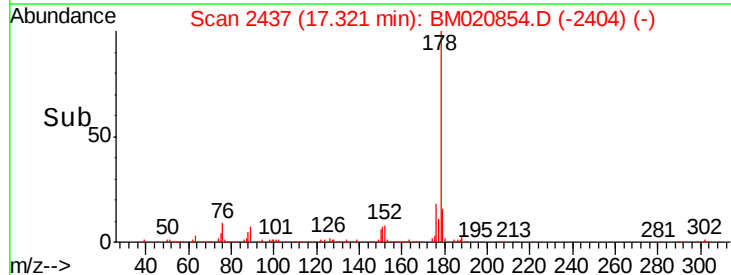
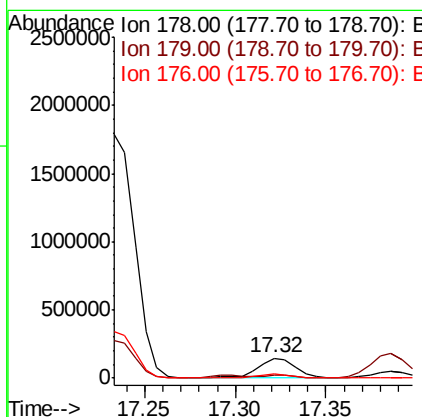
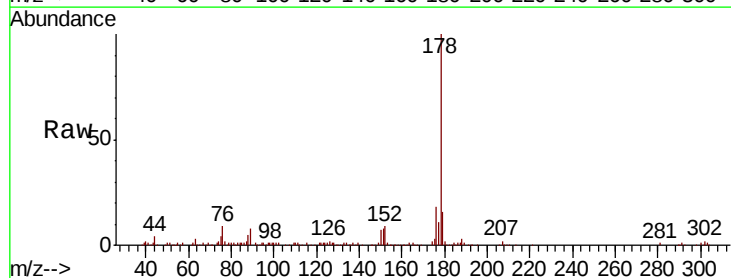
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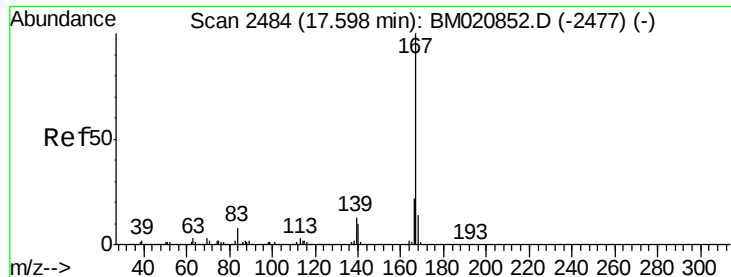
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#71
Anthracene
Concen: 2.614 ng/ul
RT: 17.32 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM020854.D
Acq: 11 Jun 2019 02:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	18.5	14.9	22.3





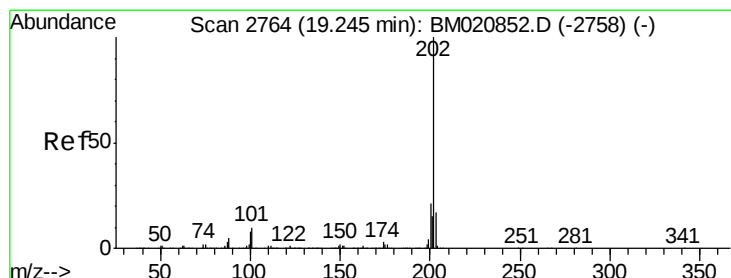
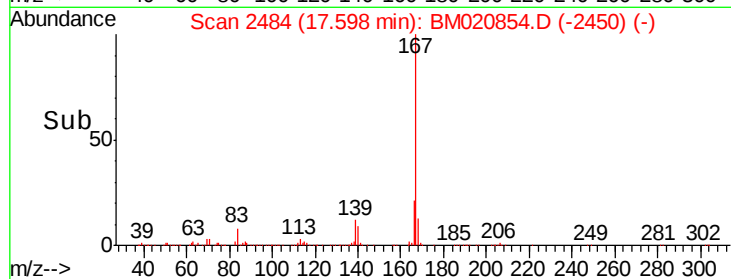
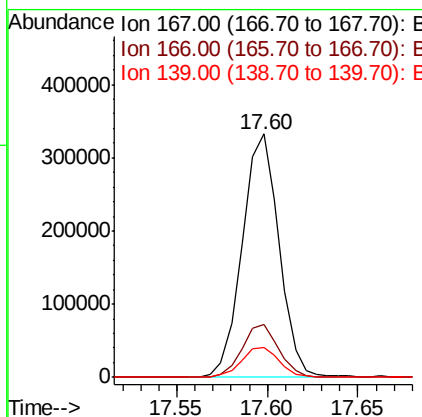
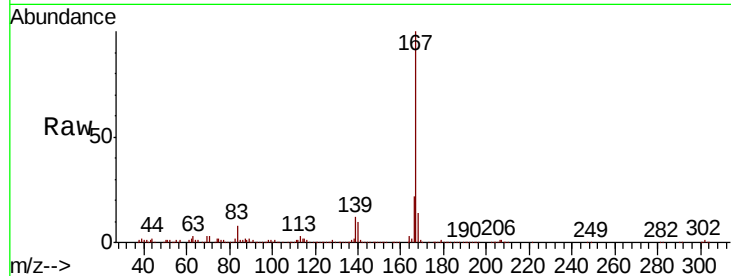
#74
 Carbazole
 Concen: 6.718 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM020854.D
 Acq: 11 Jun 2019 02:37

Instrument :
 BNA_M
 ClientSampleId :
 A51F0

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.5	10.5	15.7

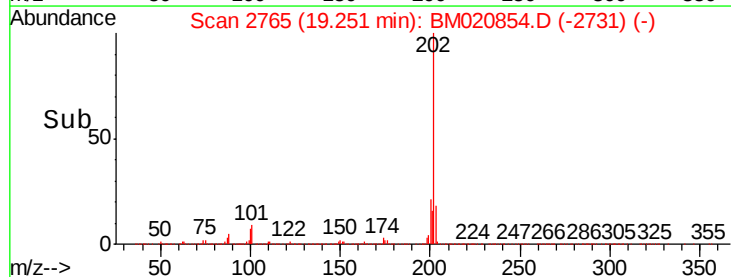
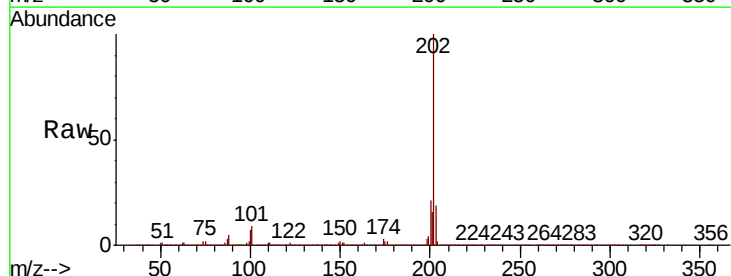
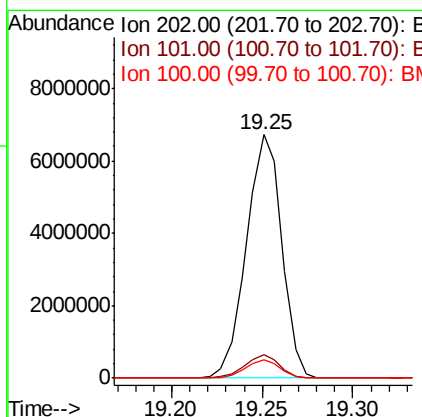
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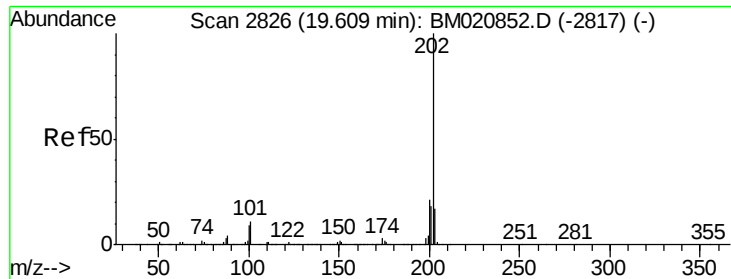
mohammad
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#76
 Fluoranthene
 Concen: 102.053 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. 0.00 min
 Lab File: BM020854.D
 Acq: 11 Jun 2019 02:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.9	11.9
100	7.4	6.2	9.4





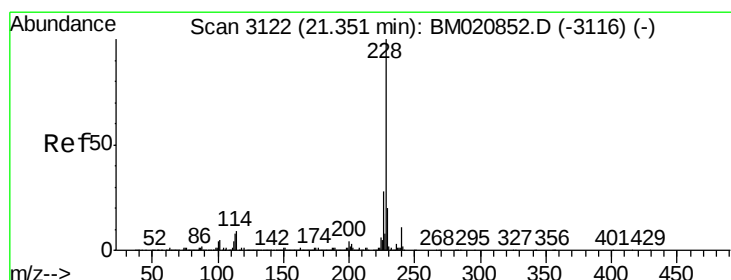
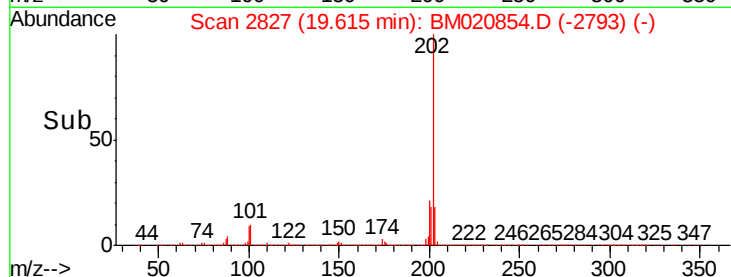
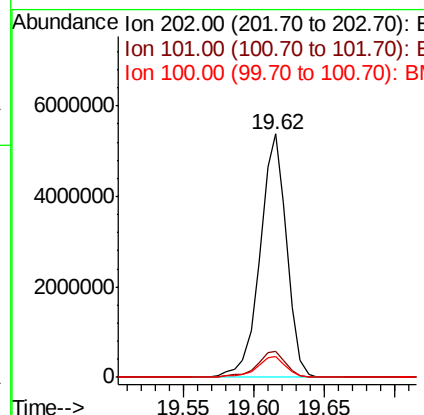
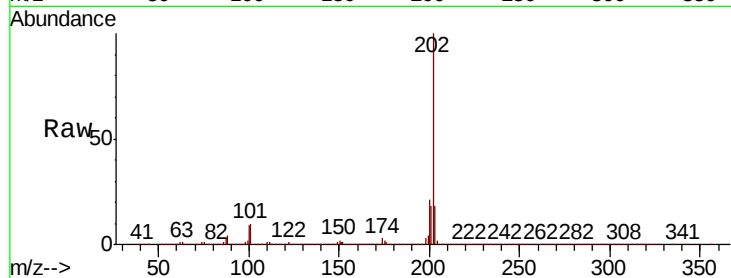
#79
Pvrene
Concen: 76.114 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BM020854.D
Acq: 11 Jun 2019 02:37

Instrument :
BNA_M
ClientSampleId :
A51F0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.6
100	8.7	8.0	12.0

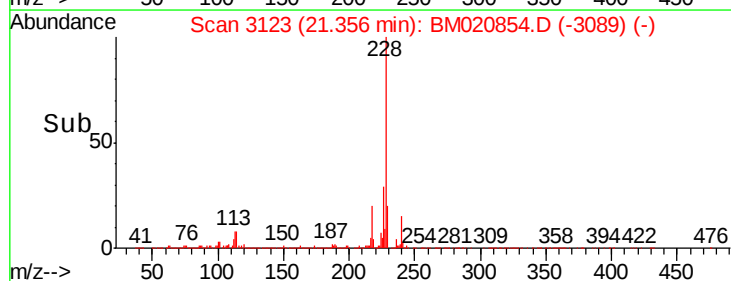
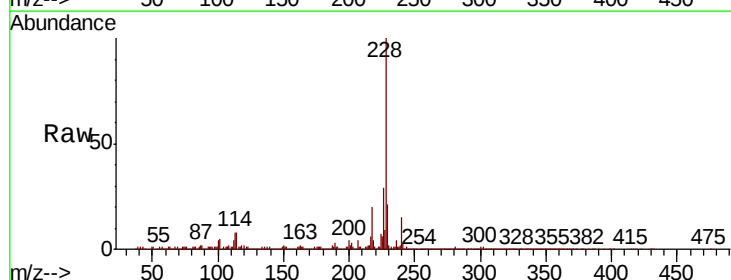
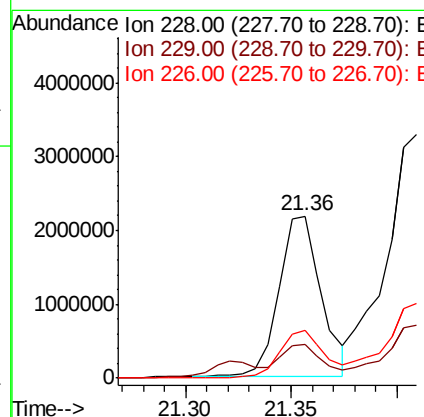
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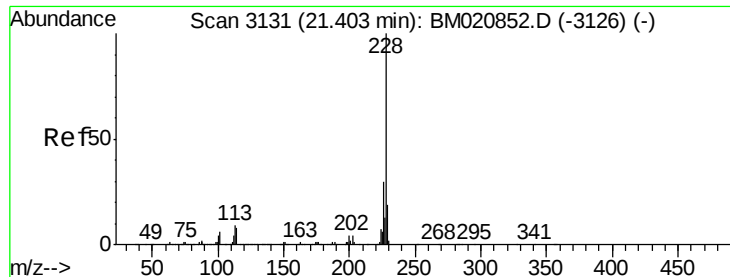
mohammad
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#82
Benzo(a)anthracene
Concen: 32.171 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020854.D
Acq: 11 Jun 2019 02:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.4	21.4	32.2





#84

Chrysene

Concen: 55.310 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BM020854.D

Acq: 11 Jun 2019 02:37

Instrument :

BNA_M

ClientSampleId :

A51F0

Tot Ion:228 Resp: 4838232

Ion Ratio Lower Upper

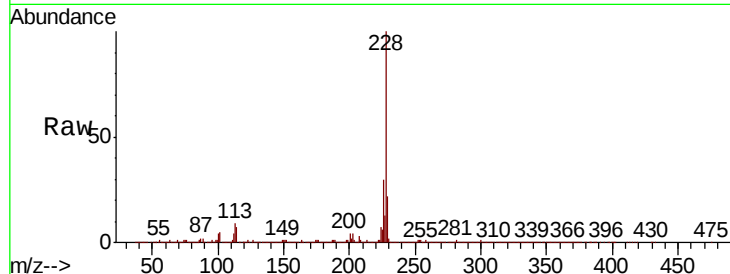
228 100

226 30.4 24.4 36.6

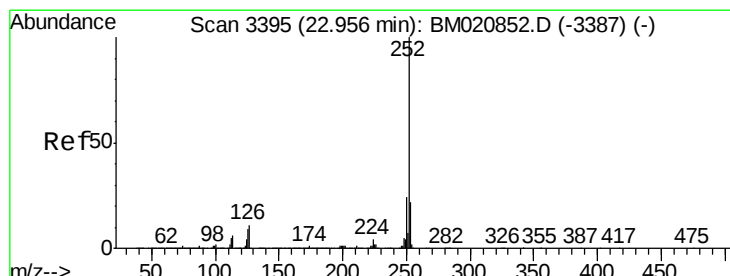
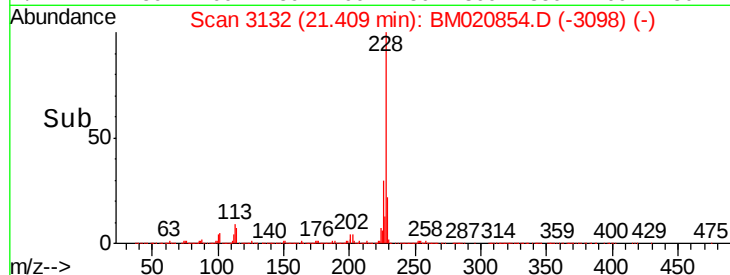
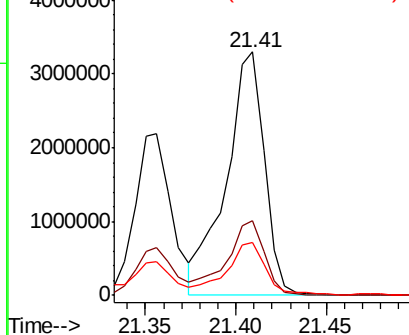
229 21.7 16.2 24.2

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 81.133 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020854.D

Acq: 11 Jun 2019 02:37

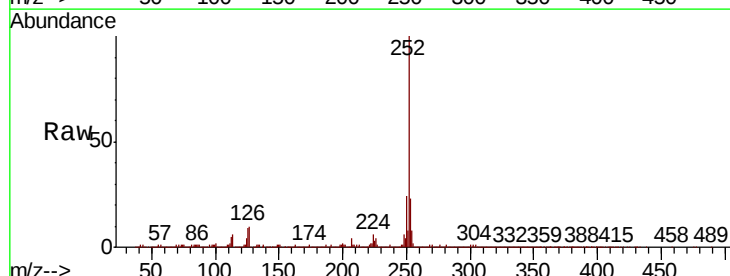
Tgt Ion:252 Resp: 8516798

Ion Ratio Lower Upper

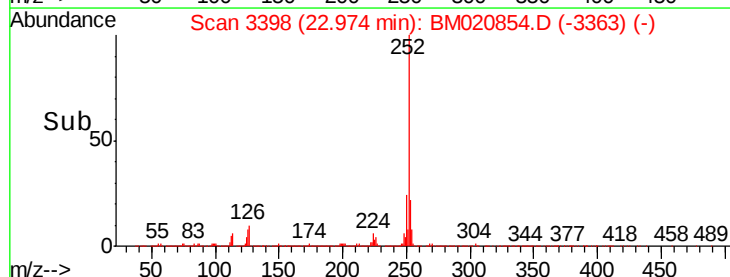
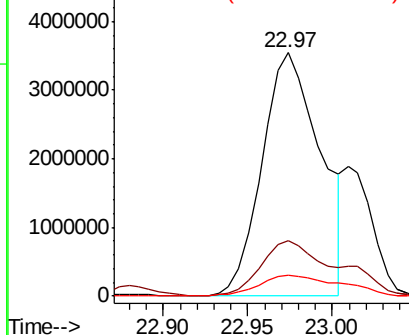
252 100

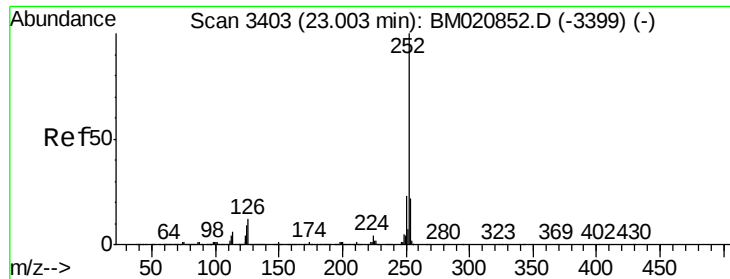
253 22.6 17.6 26.4

125 8.6 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





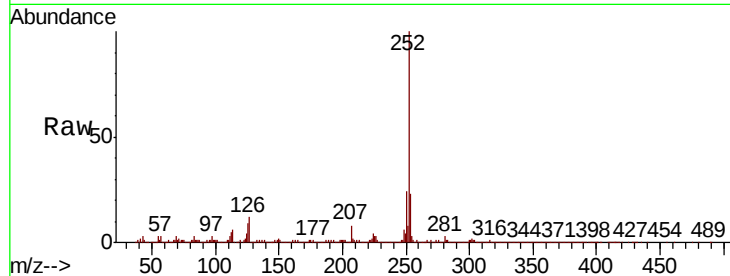
#88
Benzo(k)fluoranthene
Concen: 22.055 ng/ul m
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM020854.D
Acq: 11 Jun 2019 02:37

Instrument :
BNA_M
ClientSampleId :
A51F0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.3	7.3	10.9

Manual Integrations
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6/12/2019 8:29:13 AM

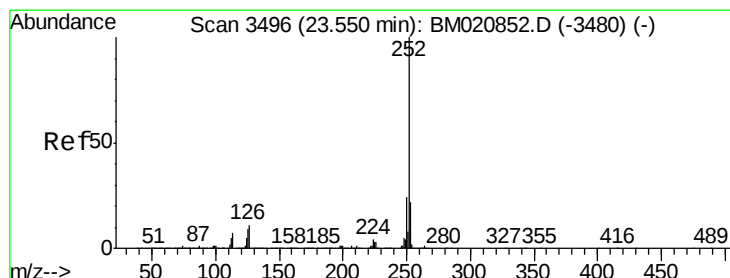
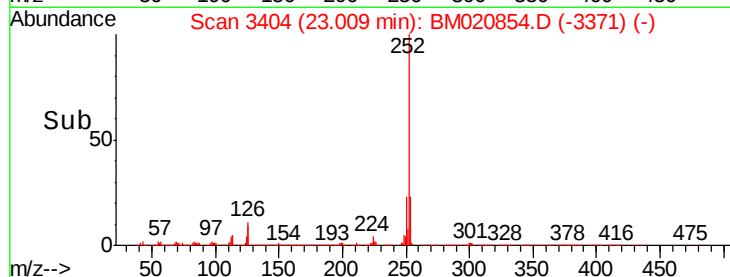
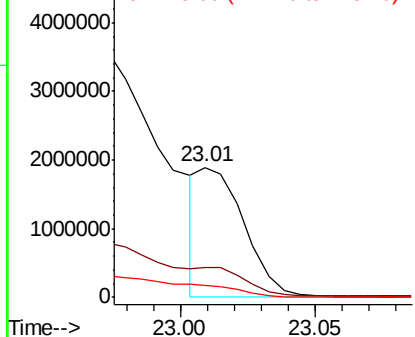


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 43.440 ng/ul
RT: 23.56 min Scan# 3498
Delta R.T. 0.01 min
Lab File: BM020854.D
Acq: 11 Jun 2019 02:37

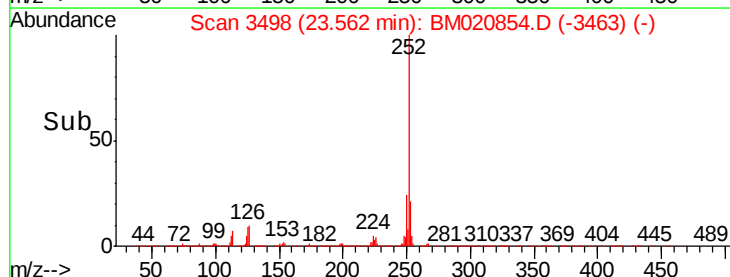
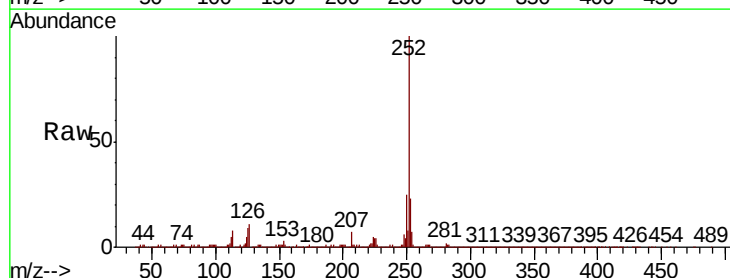
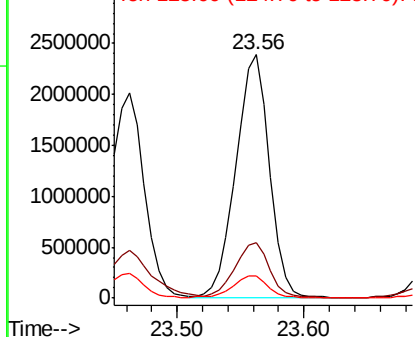
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	9.0	8.2	12.4

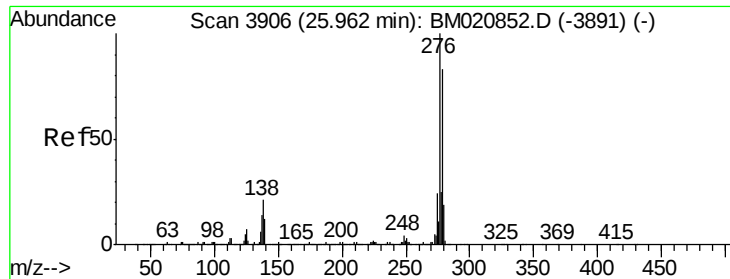
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





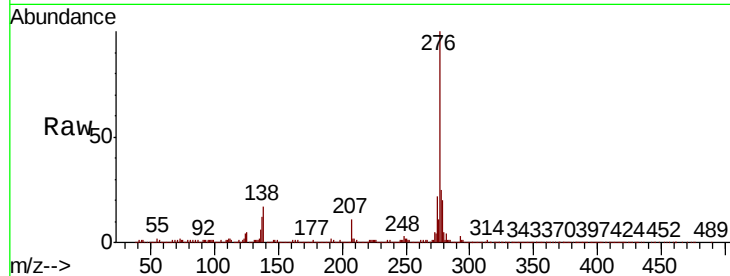
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 36.728 ng/ul
 RT: 25.98 min Scan# 3909
 Delta R.T. 0.01 min
 Lab File: BM020854.D
 Acq: 11 Jun 2019 02:37

Instrument :
 BNA_M
 ClientSampleId :
 A51F0

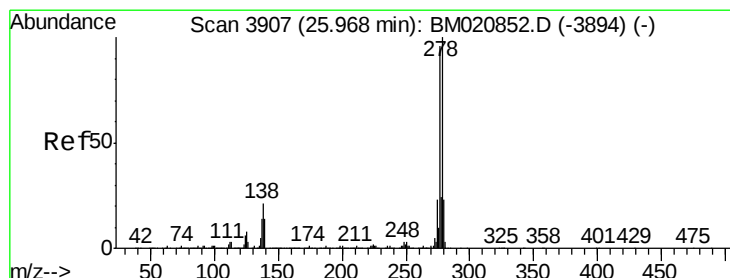
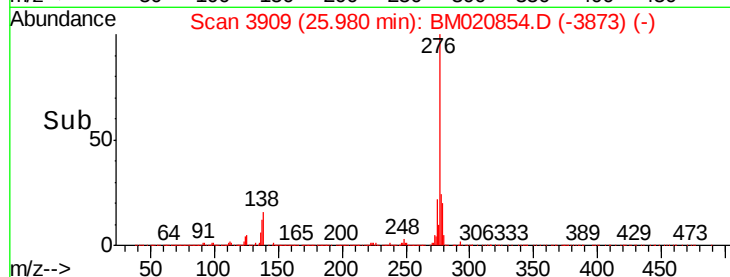
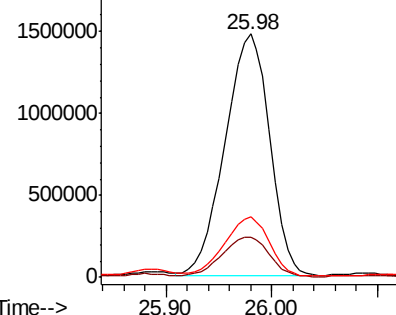
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	17.8	26.8#
277	24.7	20.0	30.0

Manual Integrations
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 6/12/2019 8:29:13 AM

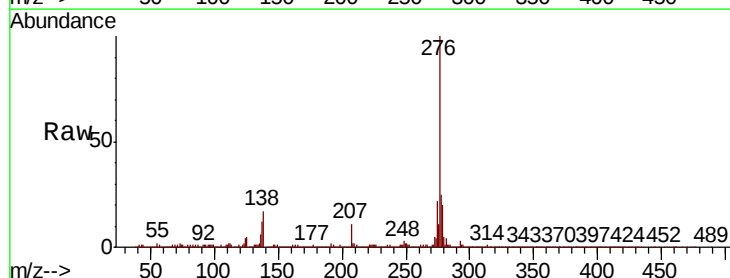


Abundance Ion 276.00 (275.70 to 276.70): E
 2000000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

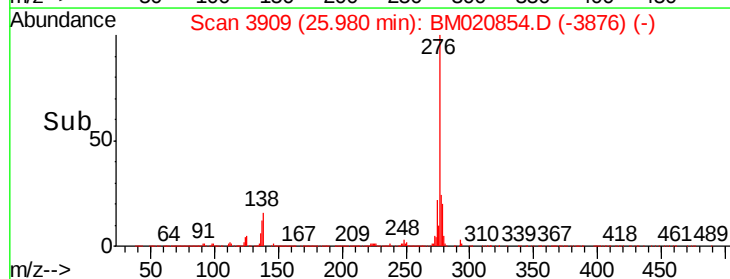
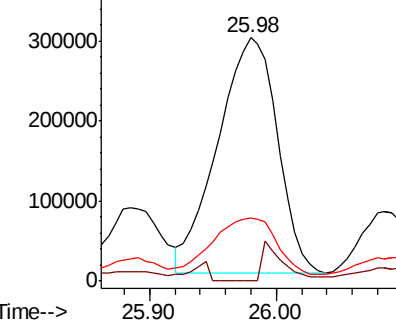


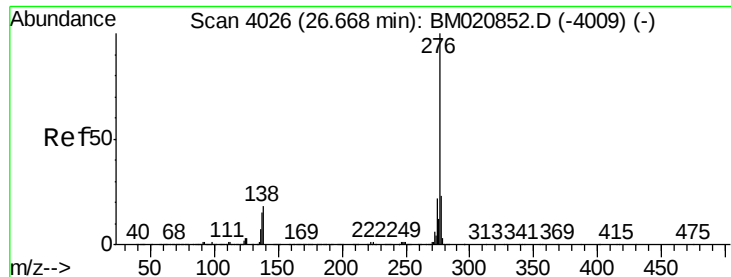
#92
 Dibenzo(a,h)anthracene
 Concen: 9.585 ng/ul
 RT: 25.98 min Scan# 3909
 Delta R.T. -0.01 min
 Lab File: BM020854.D
 Acq: 11 Jun 2019 02:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	26.0	18.6	28.0



Abundance Ion 278.00 (277.70 to 278.70): E
 400000 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





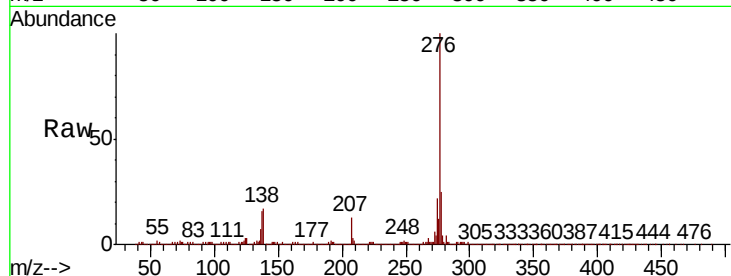
#93
 Benzo(a,h,i)perylene
 Concen: 40.475 ng/ul
 RT: 26.70 min Scan# 4031
 Delta R.T. 0.01 min
 Lab File: BM020854.D
 Acq: 11 Jun 2019 02:37

Instrument :
 BNA_M
 ClientSampleId :
 A51F0

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.6	25.0
277	24.5	19.6	29.4

Manual Integrations
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 6/12/2019 8:29:13 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

