

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020774.D
 Acq On : 06 Jun 2019 21:36
 Operator : HP/JU
 Sample : K3016-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51D0

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:14:30 PM

Quant Time: Jun 07 06:23:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	261070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1073782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	635848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1447910	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1337734	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1532582	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	24082	4.40	ng/uL	0.00
5) Phenol-d5	6.97	99	411447	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	274086	22.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	356518	22.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	272695	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	176818	24.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	184974	24.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	354181	22.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	357530	18.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1246939	26.51	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1412524	23.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	118638	14.70	ng/ul	0.00
57) Fluorene-d10	15.45	176	1019883	25.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	108963	14.72	ng/ul	0.00
70) Anthracene-d10	17.29	188	1500884	23.73	ng/ul	0.00
78) Pyrene-d10	19.59	212	1632943	25.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1627866	23.37	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	34369	1.671	ng/ul 100
44) Dimethylphthalate	13.90	163	135938	2.886	ng/ul 100
69) Phenanthrene	17.23	178	599914	8.233	ng/ul 100
71) Anthracene	17.33	178	177963	2.383	ng/ul 99
76) Fluoranthene	19.25	202	1654634	19.814	ng/ul 99
79) Pyrene	19.62	202	1455187	17.622	ng/ul 99
82) Benzo(a)anthracene	21.36	228	884510	10.599	ng/ul 96
84) Chrysene	21.41	228	779470	10.066	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	1082194	12.138	ng/ul 99
88) Benzo(k)fluoranthene	23.00	252	334392m	3.924	ng/ul
90) Benzo(a)pyrene	23.56	252	770130	9.080	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.96	276	534170	5.332	ng/ul 99
92) Dibenzo(a,h)anthracene	25.97	278	139514	1.644	ng/ul# 85
93) Benzo(g,h,i)perylene	26.67	276	387865	4.772	ng/ul 98

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

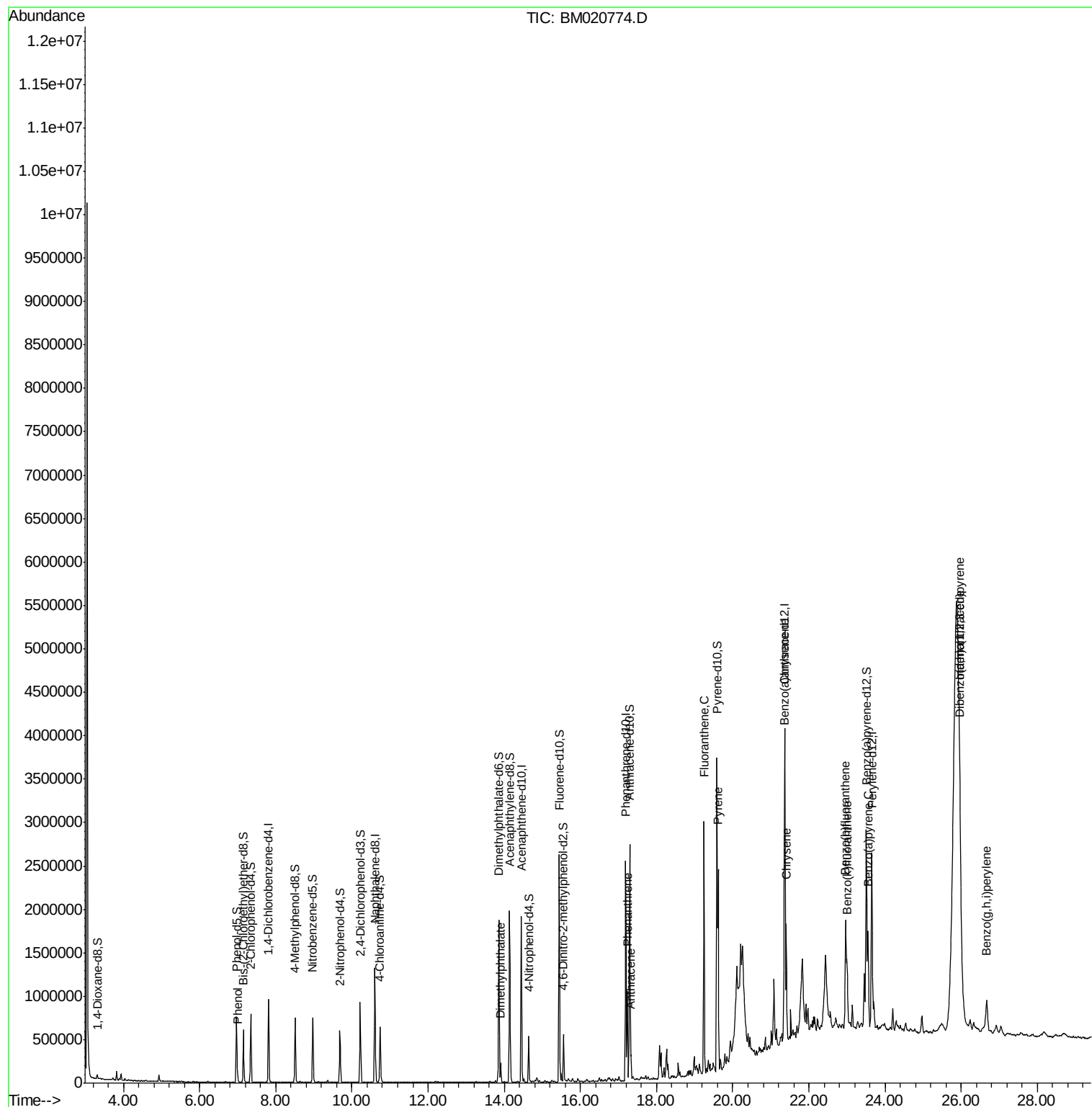
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020774.D
Acq On : 06 Jun 2019 21:36
Operator : HP/JU
Sample : K3016-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

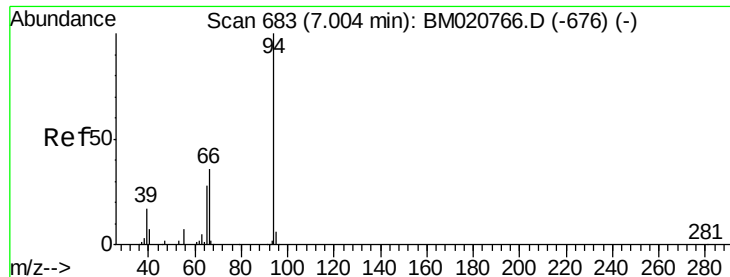
Instrument :
BNA_M
ClientSampleId :
A51D0

Quant Time: Jun 07 06:23:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 05:12:28 2019
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#6

Phenol

Concen: 1.671 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

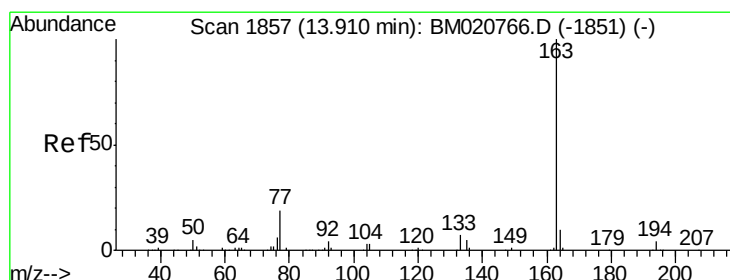
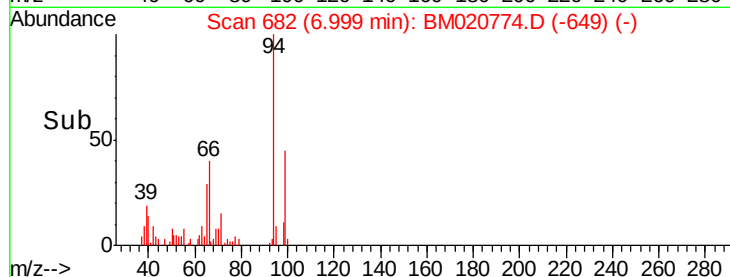
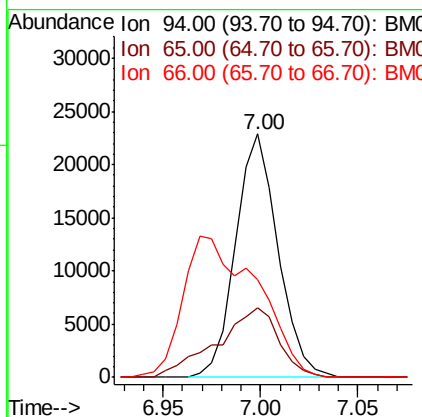
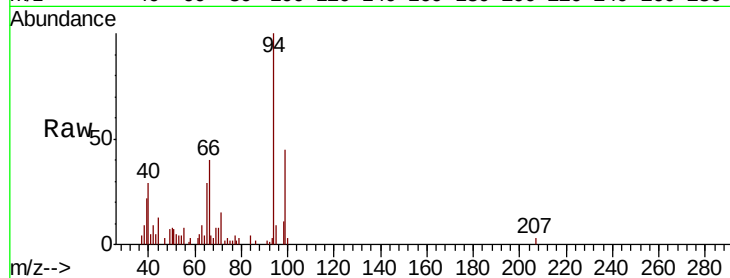
ClientSampleId :

A51D0

Tot Ion:	94	Resp:	34369
Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.3	34.9
66	40.3	32.1	48.1

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#44

Dimethylphthalate

Concen: 2.886 ng/ul

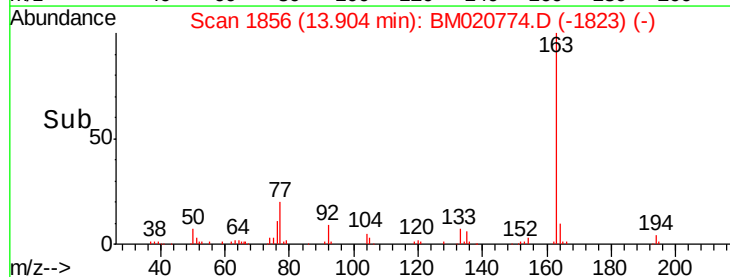
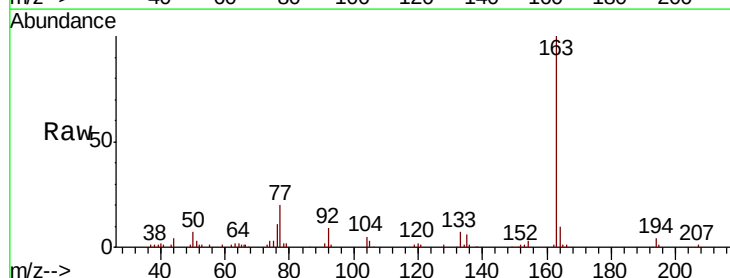
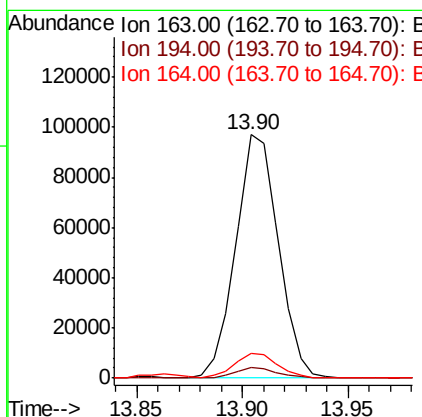
RT: 13.90 min Scan# 1856

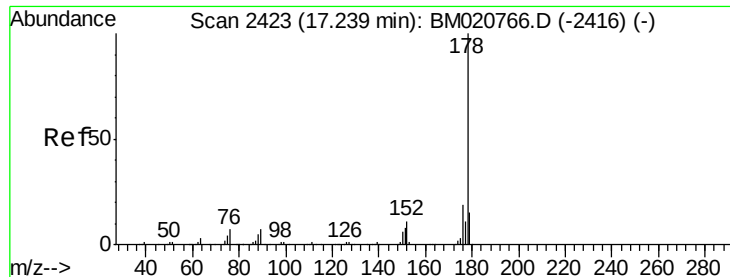
Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Tgt Ion:	163	Resp:	135938
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.9	8.0	12.0





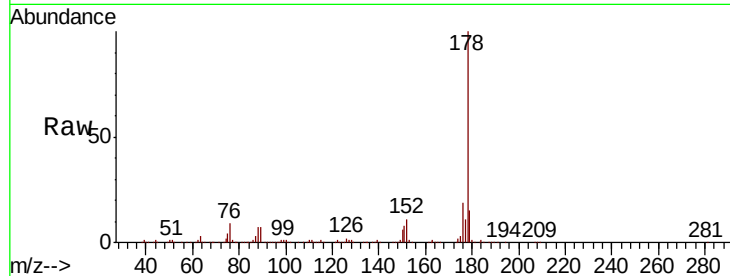
#69
Phenanthrene
Concen: 8.233 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Instrument :
BNA_M
ClientSampled :
A51D0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.5	14.8	22.2

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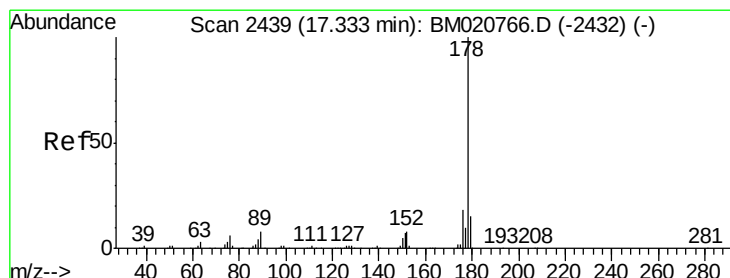
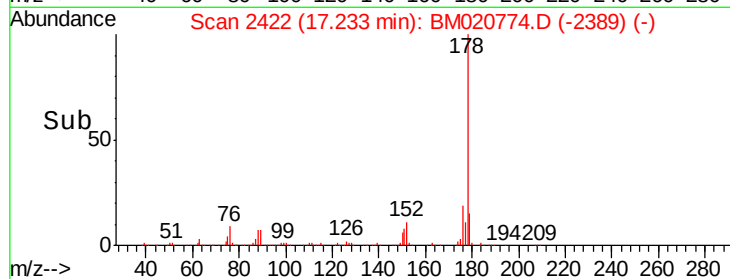
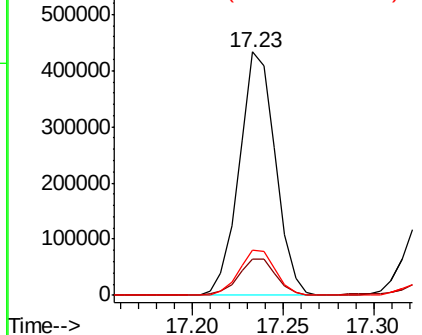


Abundance

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



#71
Anthracene
Concen: 2.383 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

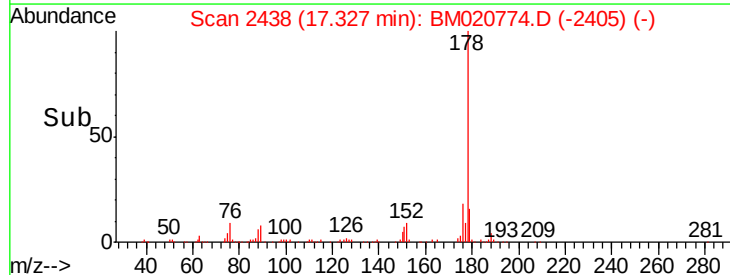
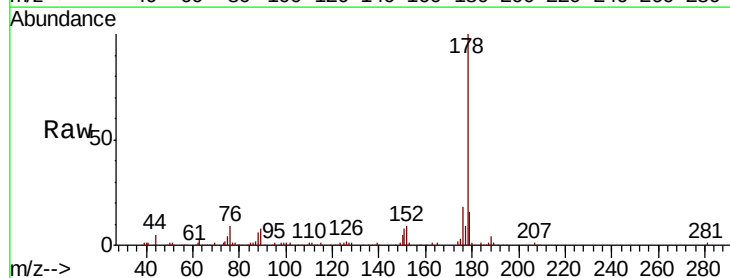
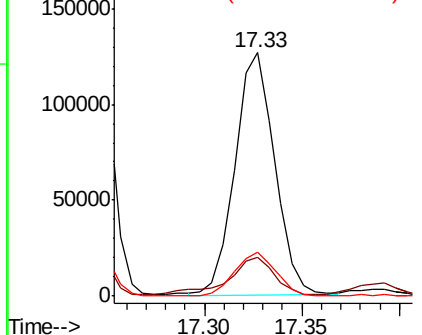
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.1	14.9	22.3

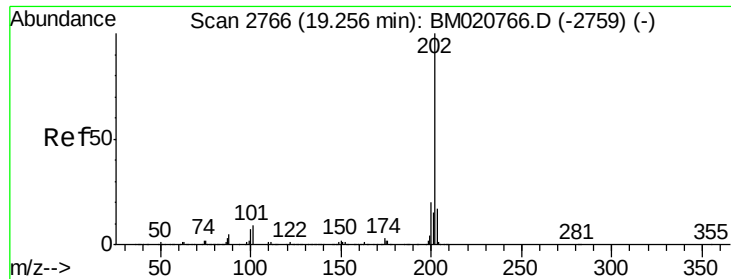
Abundance

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





#76

Fluoranthene

Concen: 19.814 ng/ul

RT: 19.25 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

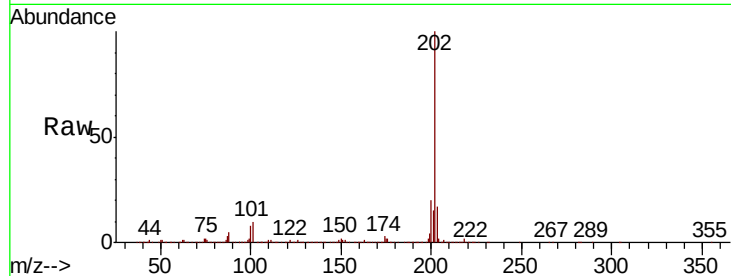
ClientSampleId :

A51D0

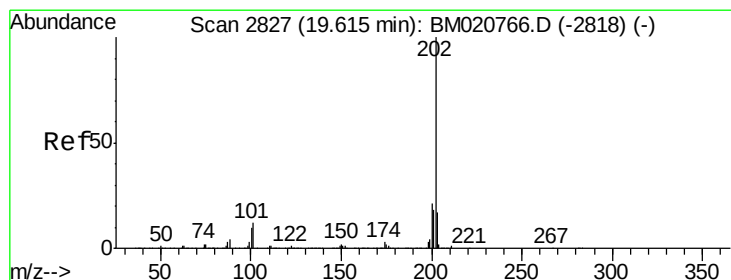
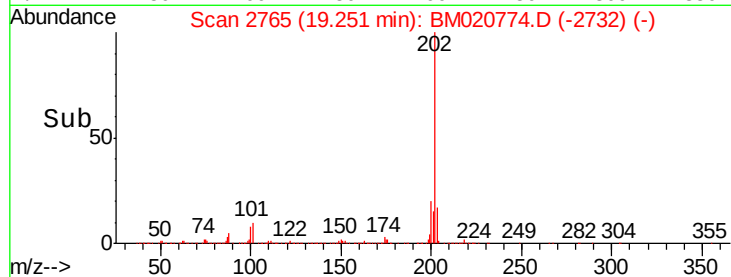
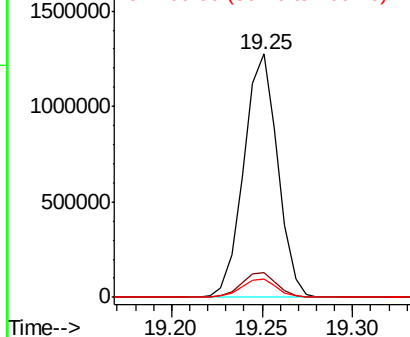
Tot Ion:	202	Resp:	1654634
Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.9	11.9
100	7.7	6.2	9.4

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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

Pyrene

Concen: 17.622 ng/ul

RT: 19.62 min Scan# 2827

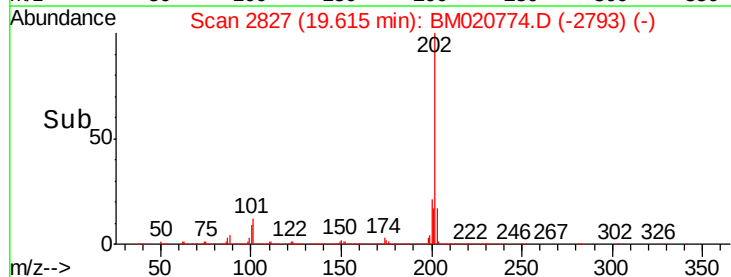
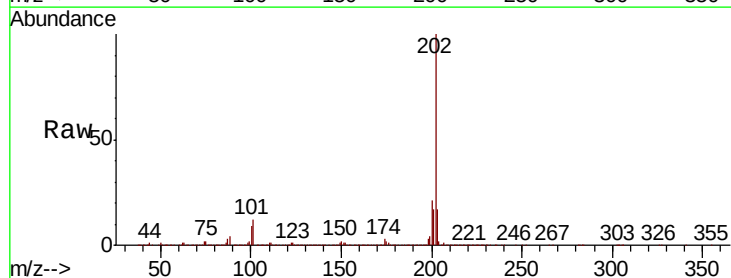
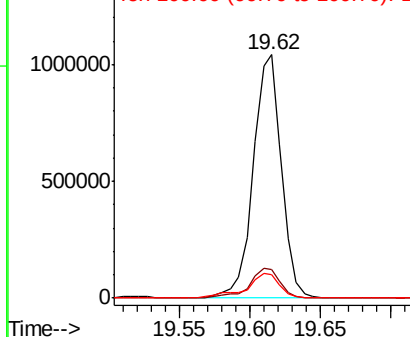
Delta R.T. 0.00 min

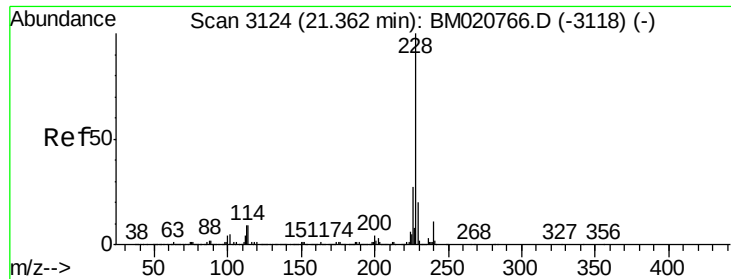
Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Tgt Ion:	202	Resp:	1455187
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.4	8.0	12.0

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





#82

Benzo(a)anthracene

Concen: 10.599 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Instrument :

BNA_M

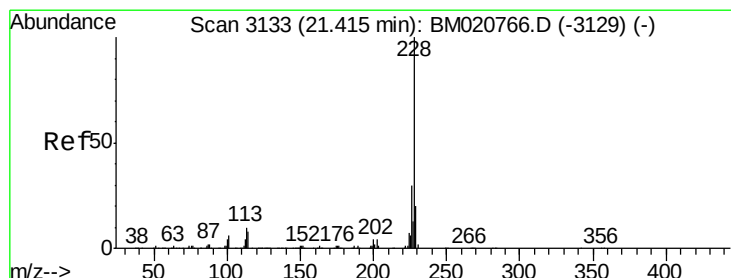
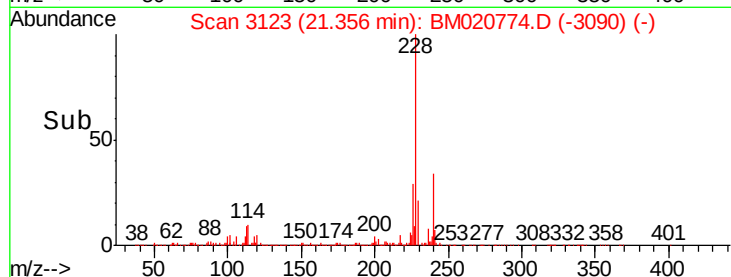
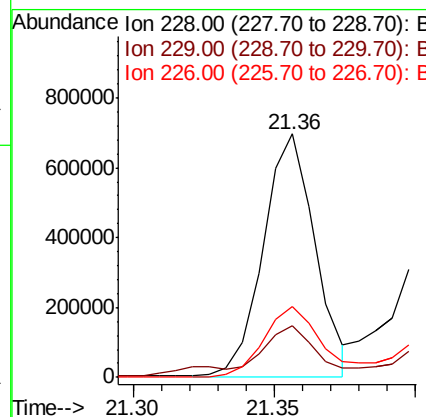
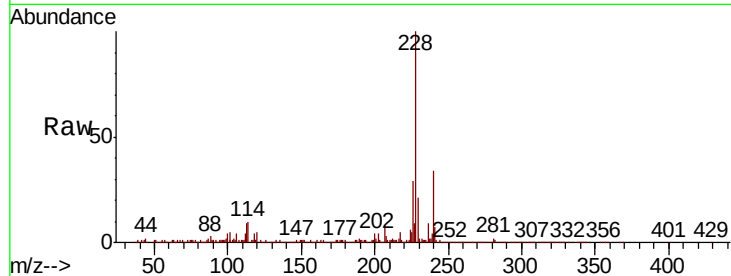
ClientSampleId :

A51D0

Tot Ion:	228	Resp:	884510
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.6	23.4
226	29.1	21.4	32.2

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#84

Chrysene

Concen: 10.066 ng/ul

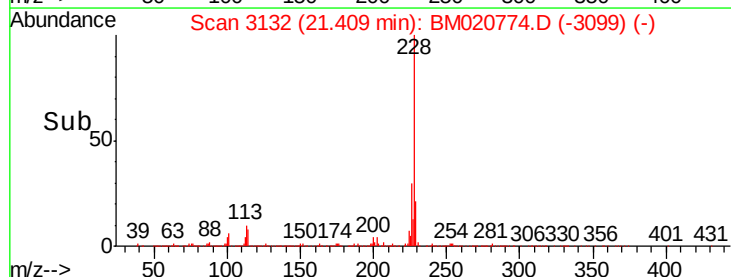
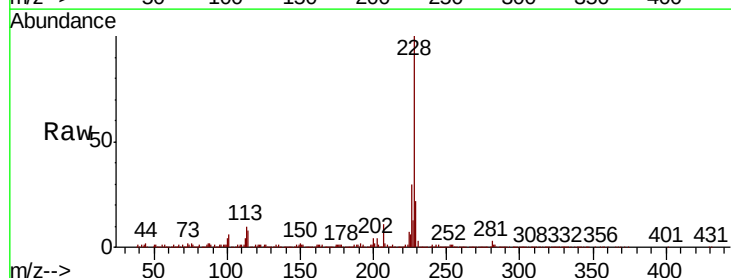
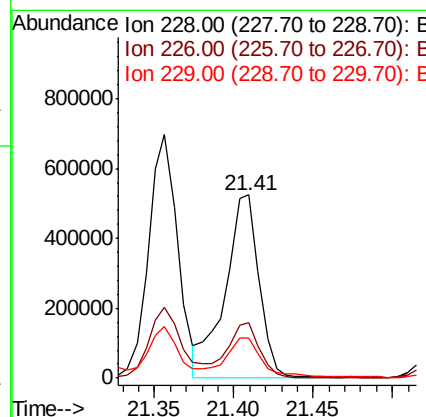
RT: 21.41 min Scan# 3132

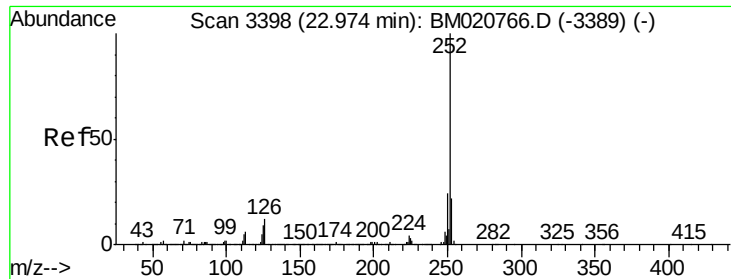
Delta R.T. -0.01 min

Lab File: BM020774.D

Acq: 06 Jun 2019 21:36

Tgt Ion:	228	Resp:	779470
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	21.6	16.2	24.2





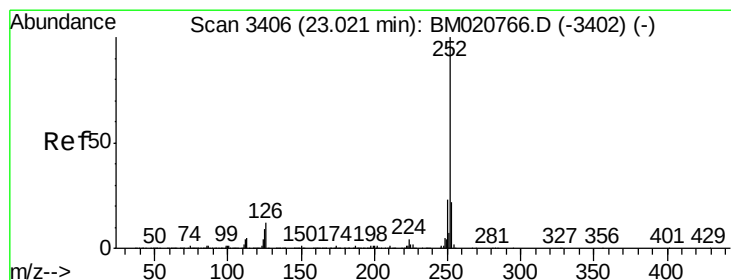
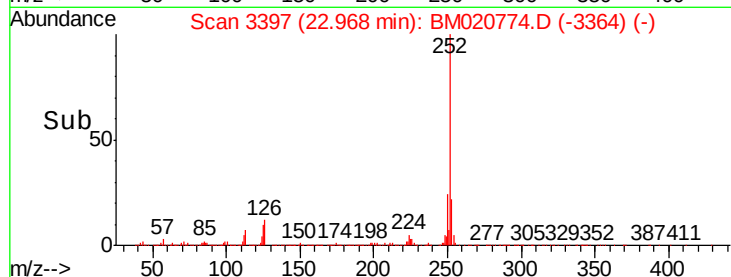
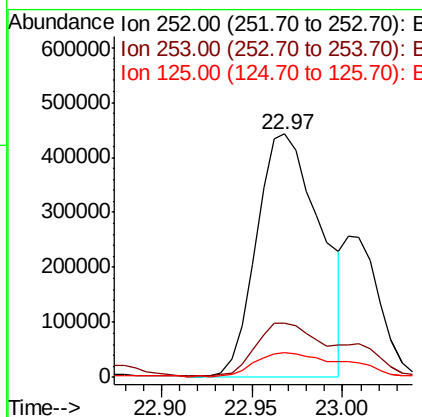
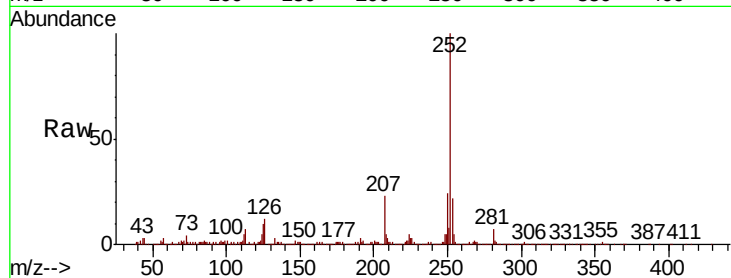
#87
Benzo(b)fluoranthene
Concen: 12.138 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Instrument :
BNA_M
ClientSampled :
A51D0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.9	7.3	10.9

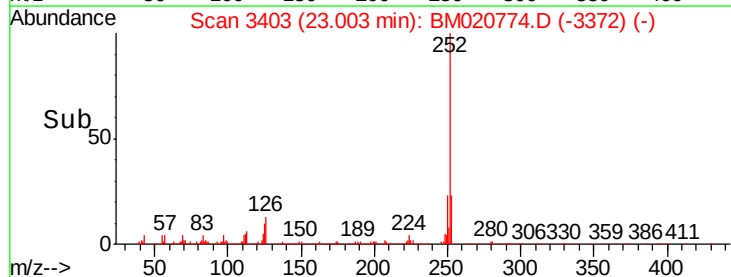
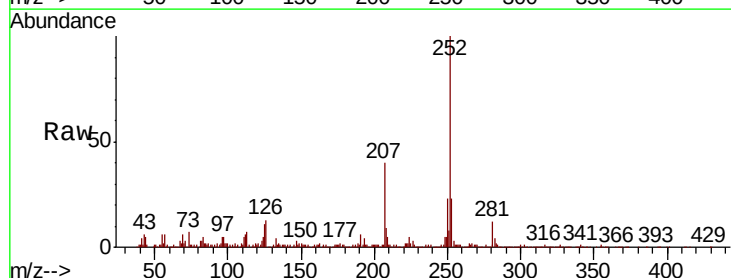
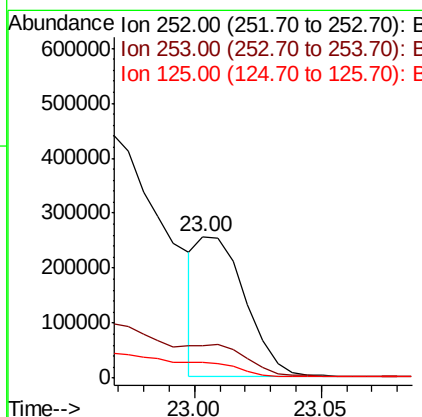
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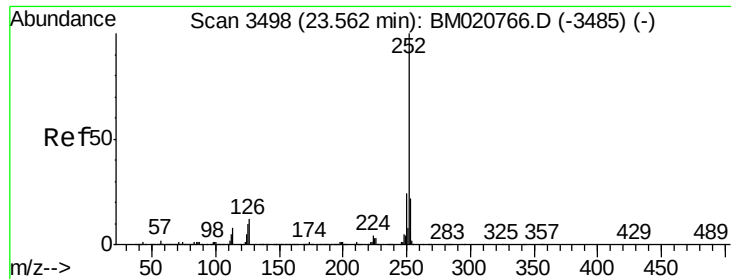
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#88
Benzo(k)fluoranthene
Concen: 3.924 ng/ul m
RT: 23.00 min Scan# 3403
Delta R.T. -0.02 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.8	7.3	10.9





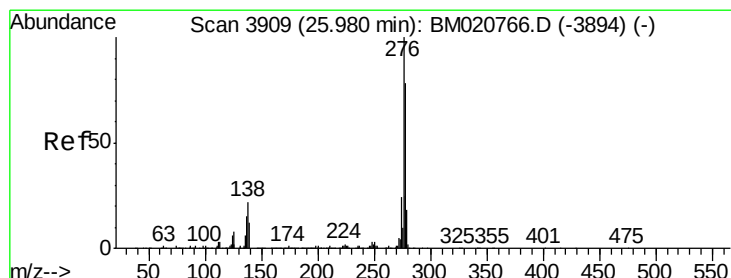
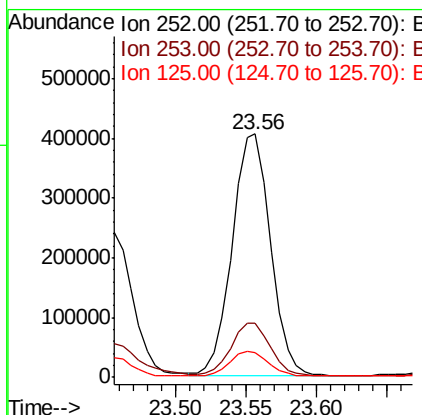
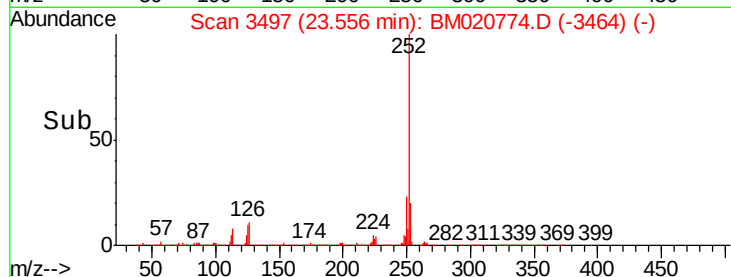
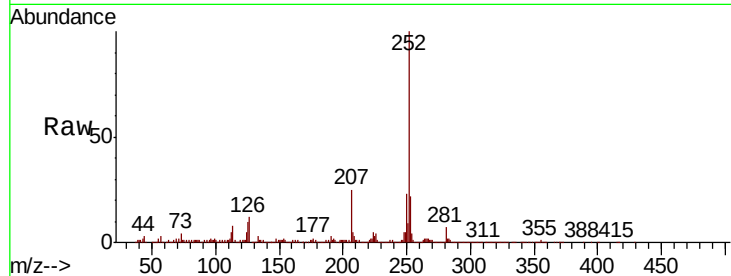
#90
Benzo(a)pyrene
Concen: 9.080 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
A51D0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.1	8.2	12.4

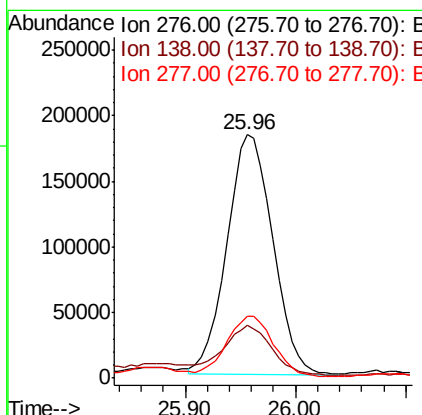
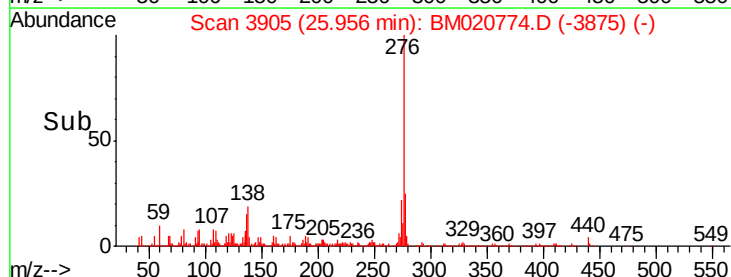
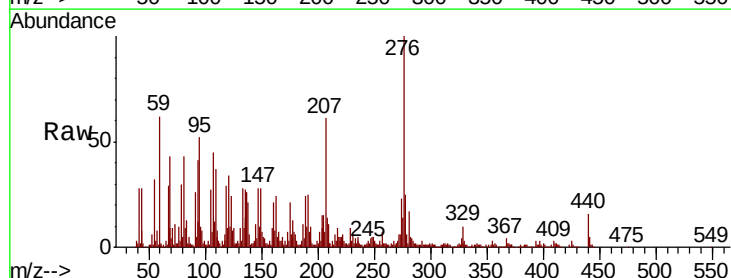
Manual Integrations
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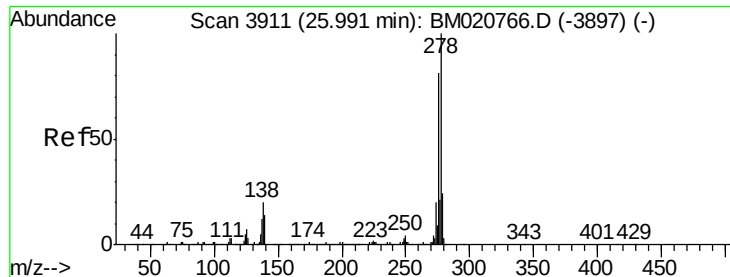
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#91
Indeno(1,2,3-cd)pyrene
Concen: 5.332 ng/ul
RT: 25.96 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.8	26.8
277	25.4	20.0	30.0





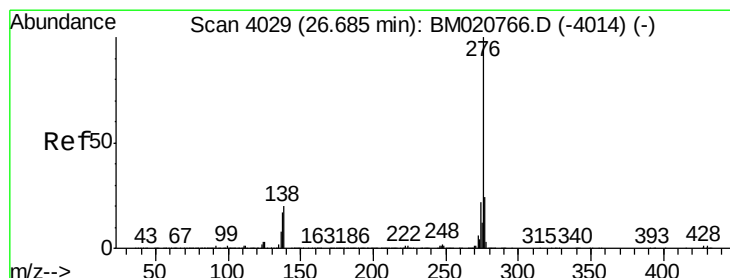
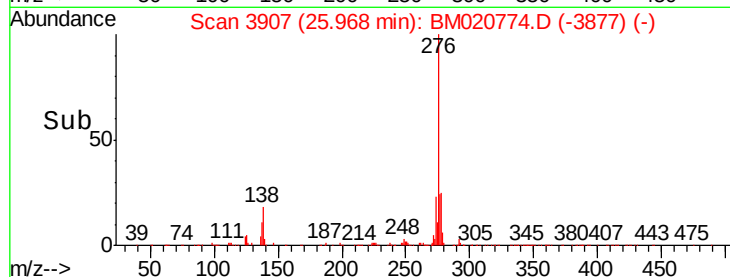
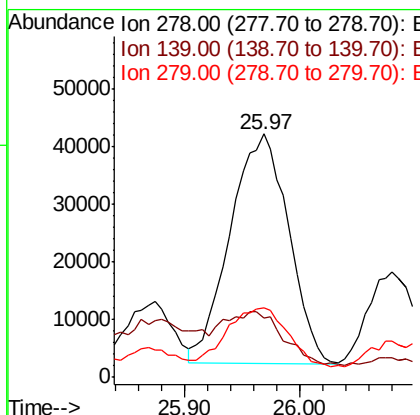
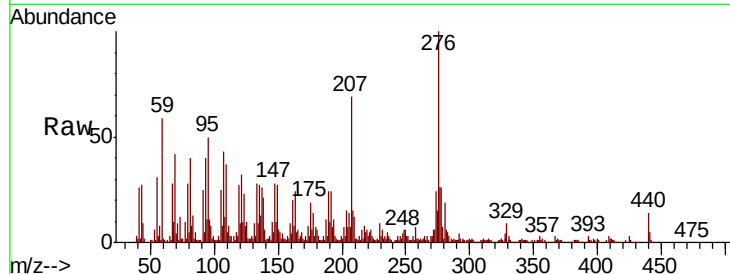
#92
Dibenzo(a,h)anthracene
Concen: 1.644 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Instrument :
BNA_M
ClientSampled :
A51D0

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.1	11.6	17.4#
279	28.4	18.6	28.0#

Manual Integrations
APPROVED

mohammad
6/7/2019 2:14:30 PM



#93
Benzo(g,h,i)perylene
Concen: 4.772 ng/ul
RT: 26.67 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM020774.D
Acq: 06 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.6	25.0
277	23.3	19.6	29.4

