

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020491.D
 Acq On : 22 May 2019 10:08
 Operator : JU/SJ
 Sample : K2923-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:10 AM

Quant Time: May 22 13:45:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	73678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	270799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	165280	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.19	188	402955	20.00	ng/ul	0.05
77) Chrysene-d12	21.80	240	472760m	20.00	ng/ul	0.47
85) Perylene-d12	25.14	264	534869m	20.00	ng/ul	1.54

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5486	2.75	ng/uL	0.00
5) Phenol-d5	6.91	99	81585	13.88	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	51058	13.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	66220	15.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	62178	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	29613	16.81	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	33724	17.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	71354	17.37	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	23311m	5.49	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	222570	18.72	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	274878	18.48	ng/ul	0.01
51) 4-Nitrophenol-d4	14.89	143	14634m	8.48	ng/ul	0.29
57) Fluorene-d10	15.39	176	203198	19.21	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.66	200	3441m	1.50	ng/ul	0.14
70) Anthracene-d10	17.29	188	337284	19.51	ng/ul	0.06
78) Pyrene-d10	19.72	212	415563m	18.25	ng/ul	0.18
89) Benzo(a)pyrene-d12	25.09	264	505754m	20.81	ng/ul	1.63

Target Compounds

					Ovalue
44) Dimethylphthalate	13.84	163	79774	6.781	ng/ul# 99
47) Acenaphthylene	14.11	152	58467	4.168	ng/ul 99
53) Dibenzofuran	14.79	168	25063	1.716	ng/ul 100
58) Fluorene	15.45	166	37241	3.184	ng/ul 99
69) Phenanthrene	17.23	178	803288	41.838	ng/ul 99
71) Anthracene	17.33	178	151574	7.761	ng/ul 99
74) Carbazole	17.67	167	51469m	3.105	ng/ul
76) Fluoranthene	19.36	202	1208279m	49.819	ng/ul
79) Pyrene	19.76	202	987728m	34.809	ng/ul
82) Benzo(a)anthracene	21.79	228	497679m	17.490	ng/ul
84) Chrysene	21.79	228	554910m	20.407	ng/ul
87) Benzo(b)fluoranthene	24.13	252	1023536m	33.530	ng/ul
88) Benzo(k)fluoranthene	24.96	252	898912m	29.980	ng/ul
90) Benzo(a)pyrene	24.96	252	819383m	28.522	ng/ul

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

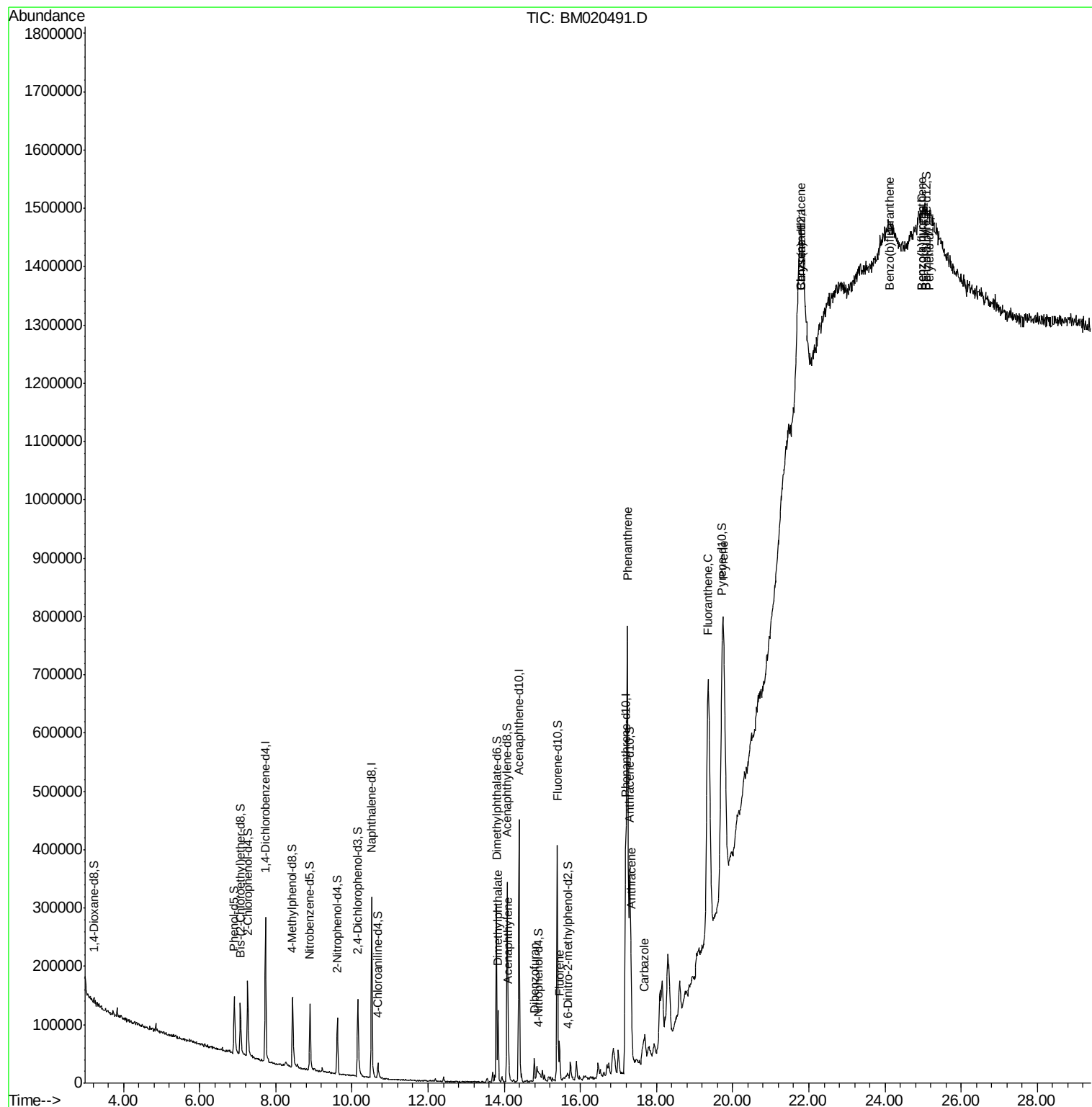
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020491.D
Acq On : 22 May 2019 10:08
Operator : JU/SJ
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ALS Vial : 29 Sample Multiplier: 1

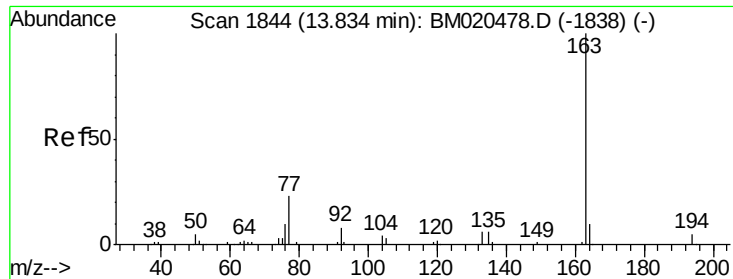
Instrument :
BNA_M
ClientSampleId :
A42F3

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Quant Time: May 22 13:45:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration





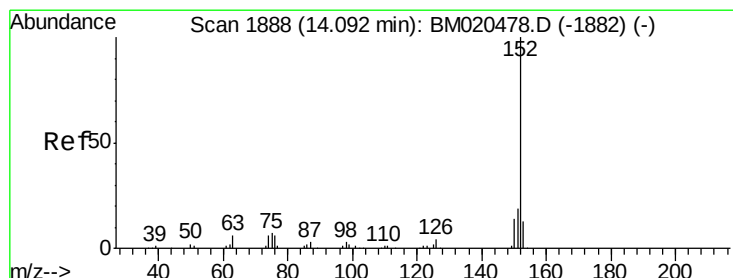
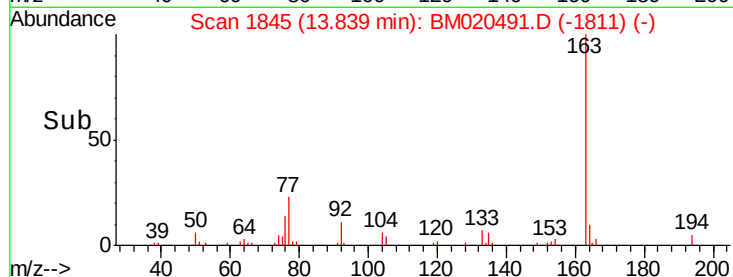
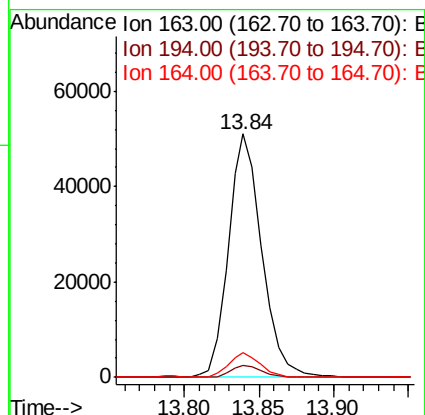
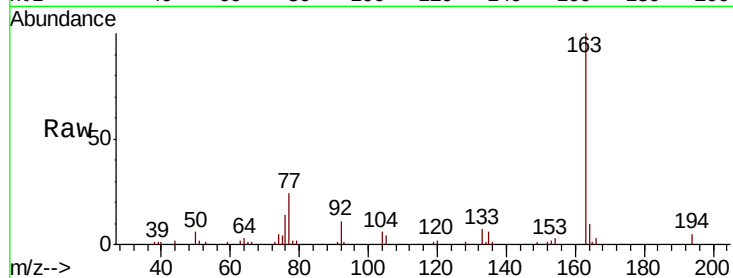
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Dimethylphthalate
Concen: 6.781 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BM020491.D
Acq: 22 May 2019 10:08

Instrument :
BNA_M
ClientSampleId :
A42F3

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	10.3	8.0	12.0

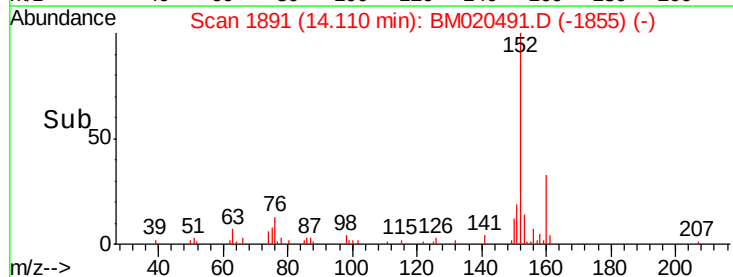
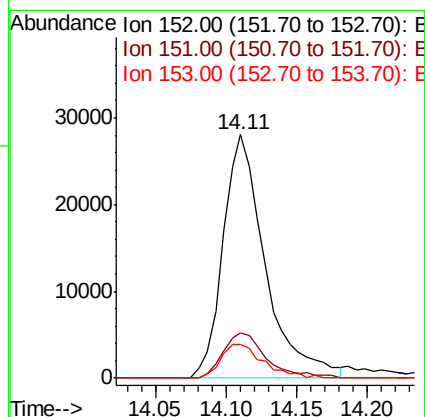
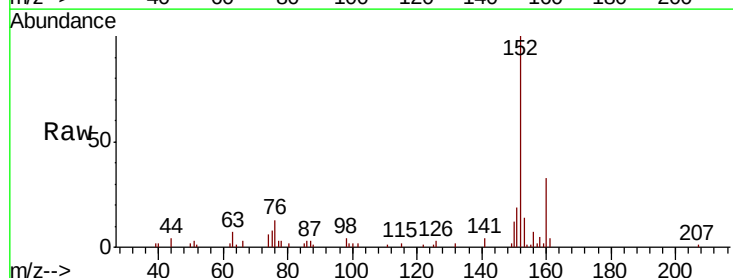
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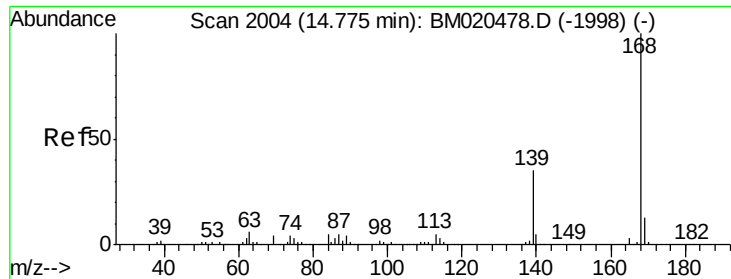
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#47
Acenaphthylene
Concen: 4.168 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM020491.D
Acq: 22 May 2019 10:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0
153	13.7	10.3	15.5





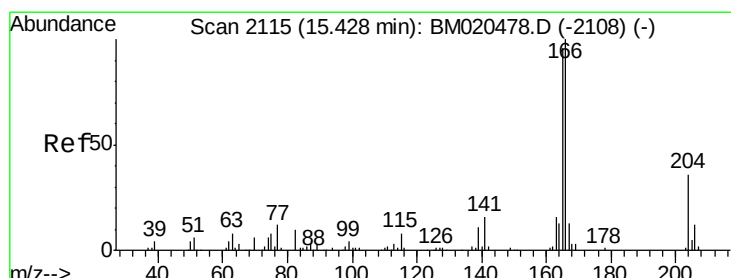
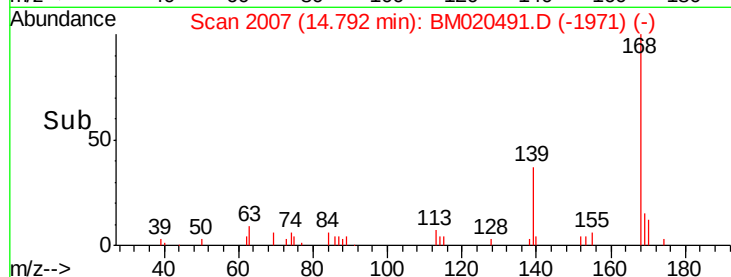
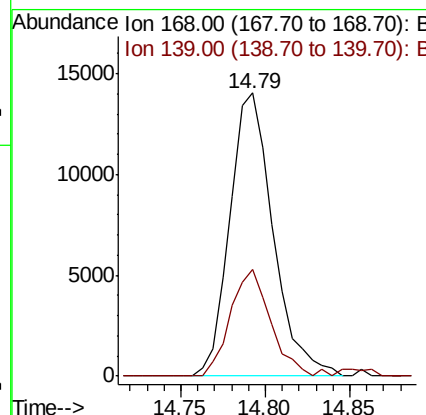
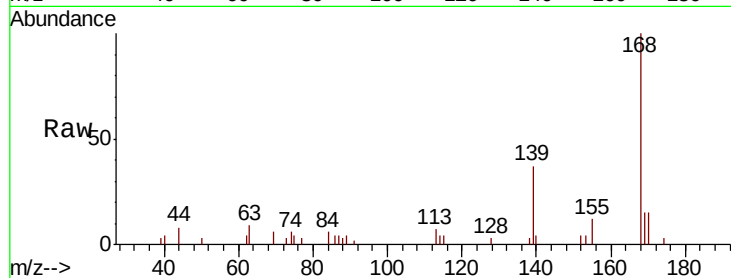
#53
Dibenzenofuran
Concen: 1.716 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BM020491.D
Acq: 22 May 2019 10:08

Instrument :
BNA_M
ClientSampleId :
A42F3

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1

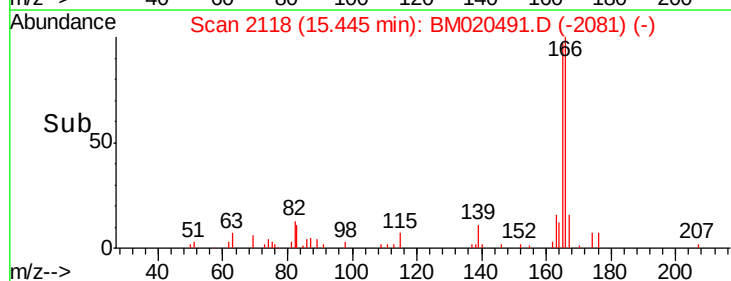
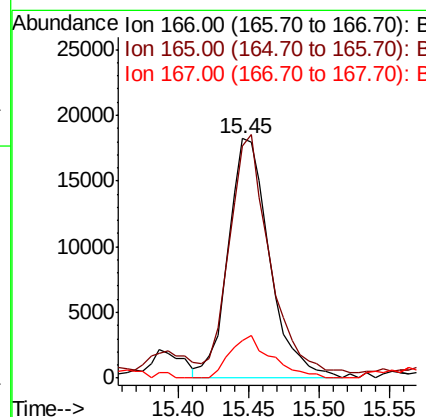
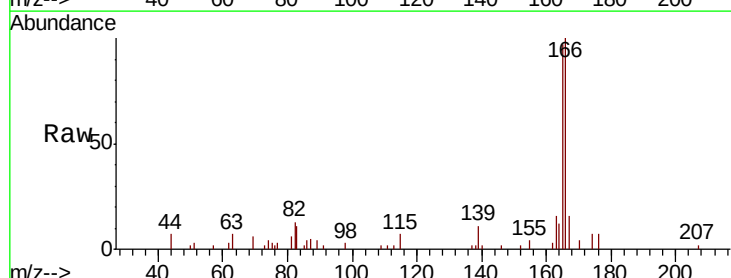
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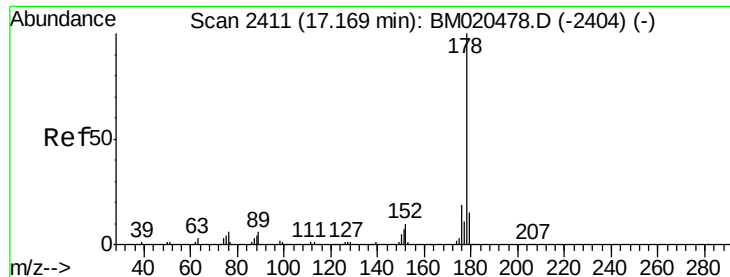
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#58
Fluorene
Concen: 3.184 ng/ul
RT: 15.45 min Scan# 2118
Delta R.T. 0.02 min
Lab File: BM020491.D
Acq: 22 May 2019 10:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.1	115.7
167	15.6	11.1	16.7





#69

Phenanthrene

Concen: 41.838 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. 0.06 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Instrument :

BNA_M

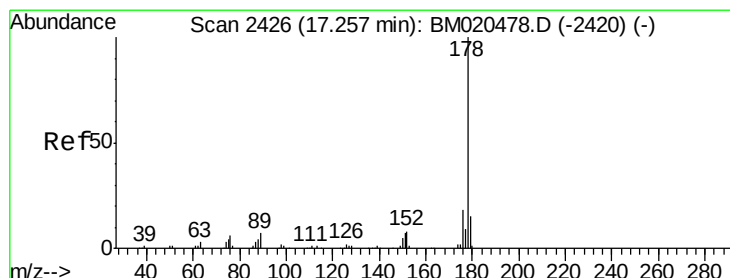
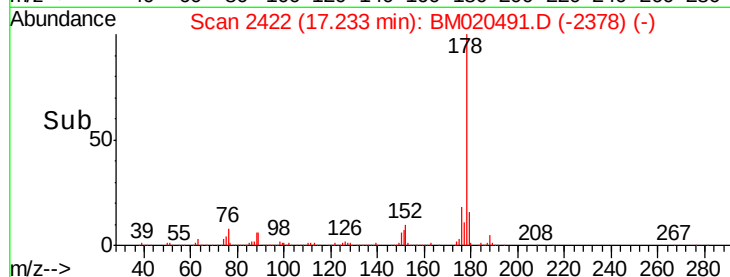
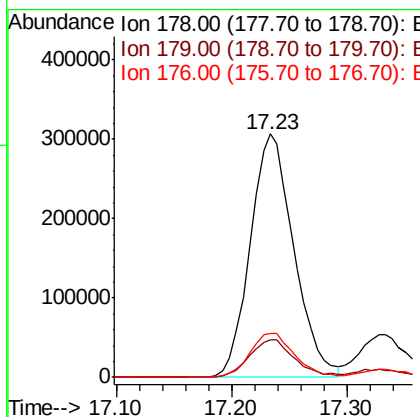
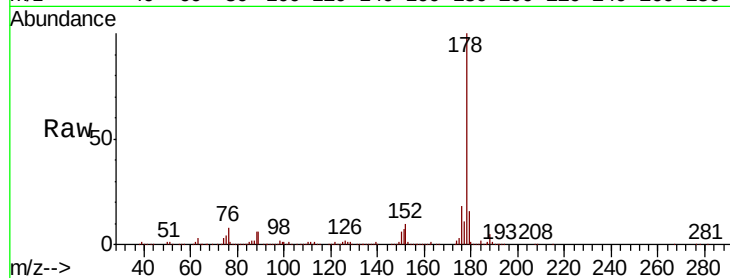
ClientSampleId :

A42F3

Tot Ion:	178	Resp:	803288
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.9	17.9
176	17.9	14.6	22.0

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#71

Anthracene

Concen: 7.761 ng/ul

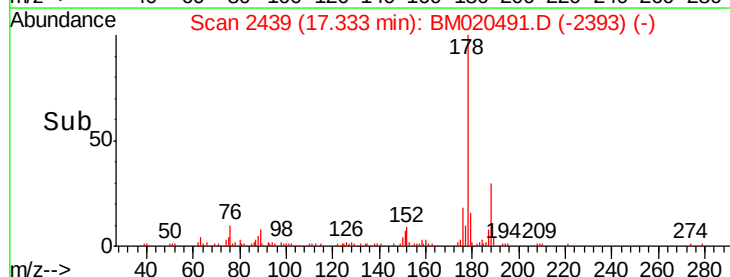
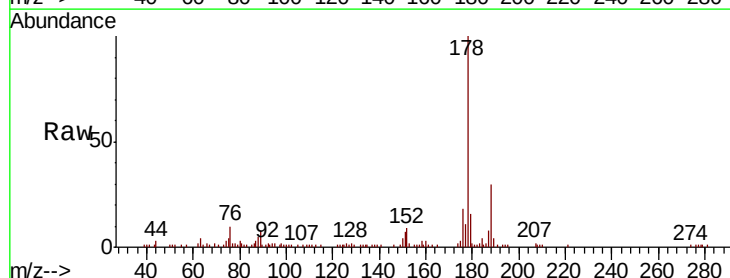
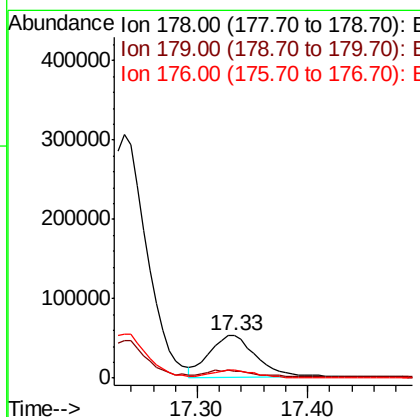
RT: 17.33 min Scan# 2439

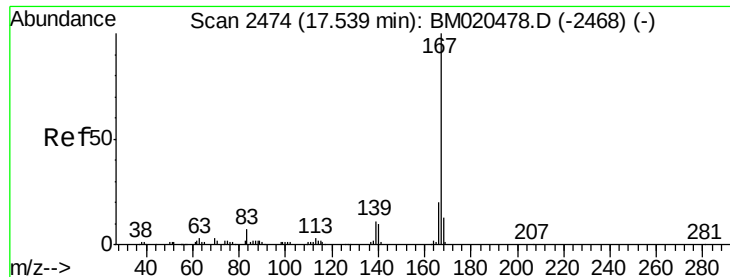
Delta R.T. 0.07 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Tgt Ion:	178	Resp:	151574
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.4	18.6
176	18.1	14.4	21.6





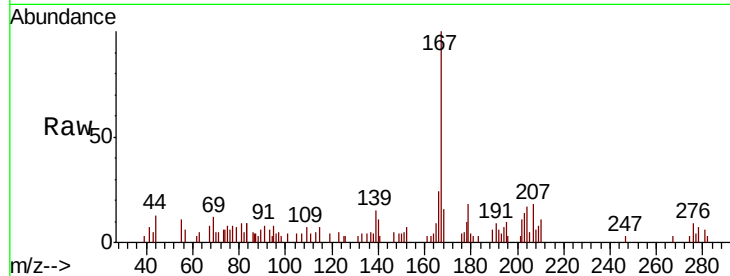
#74
 Carbazole
 Concen: 3.105 ng/ul m
 RT: 17.67 min Scan# 2497
 Delta R.T. 0.14 min
 Lab File: BM020491.D
 Acq: 22 May 2019 10:08

Instrument :
 BNA_M
 ClientSampleId :
 A42F3

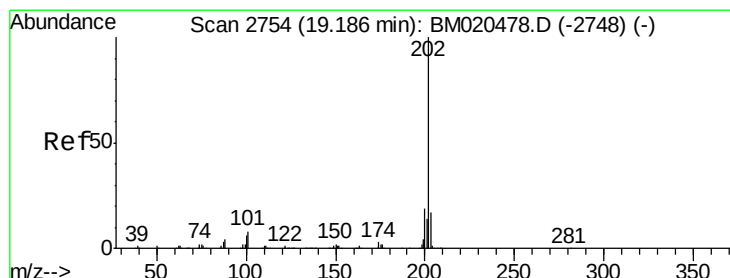
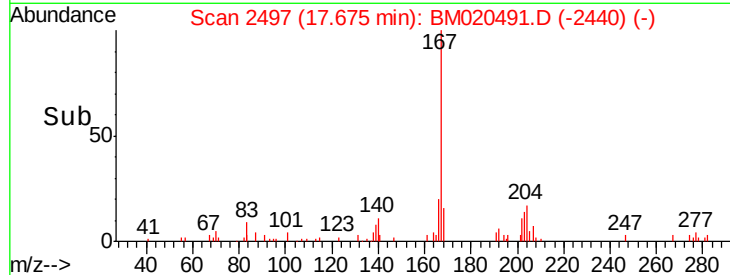
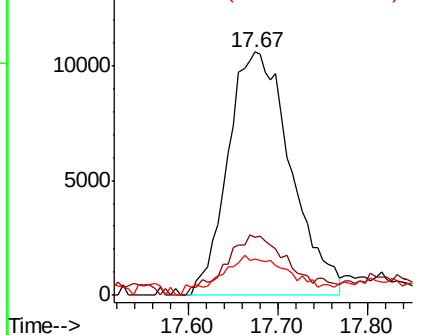
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	16.6	24.8
139	14.8	9.8	14.8

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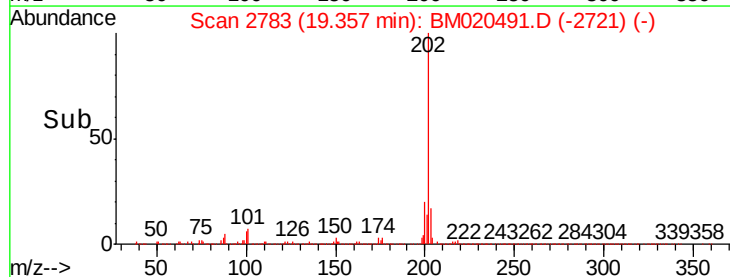
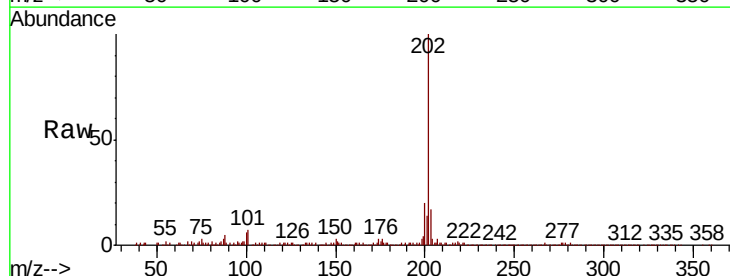
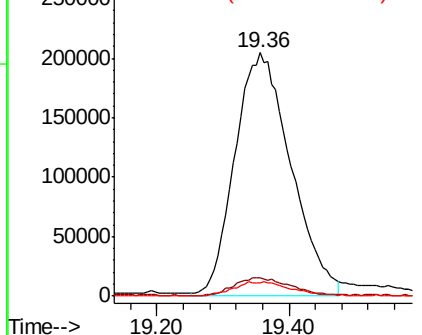
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

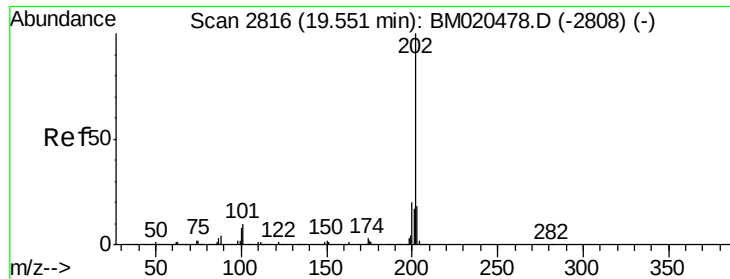


#76
 Fluoranthene
 Concen: 49.819 ng/ul m
 RT: 19.36 min Scan# 2783
 Delta R.T. 0.16 min
 Lab File: BM020491.D
 Acq: 22 May 2019 10:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.4	9.6
100	5.7	5.2	7.8

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): E





#79

Pvrene

Concen: 34.809 ng/ul m

RT: 19.76 min Scan# 2851

Delta R.T. 0.19 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Instrument :

BNA_M

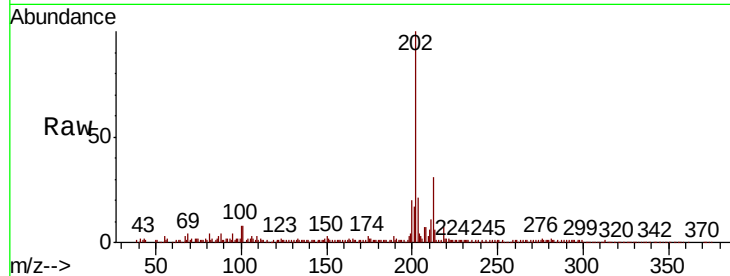
ClientSampleId :

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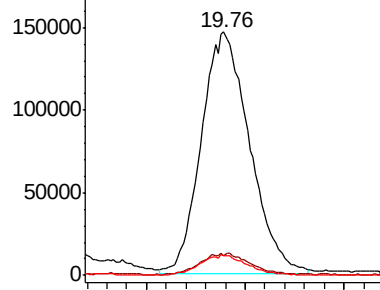
Tot Ion:	202	Resp:	987728
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.1	10.7
100	7.9	5.9	8.9

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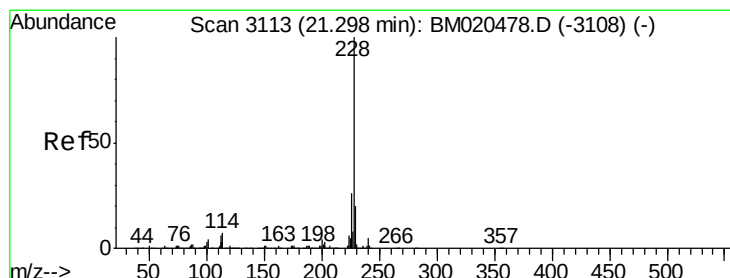
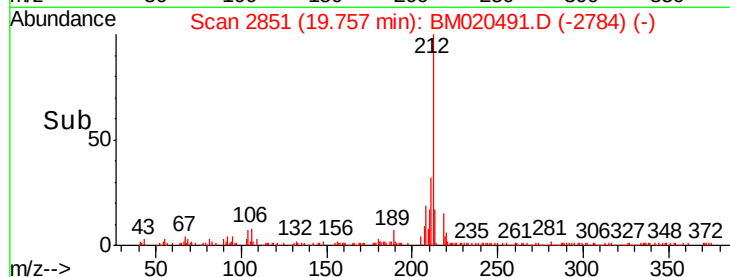
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#82

Benzo(a)anthracene

Concen: 17.490 ng/ul m

RT: 21.79 min Scan# 3196

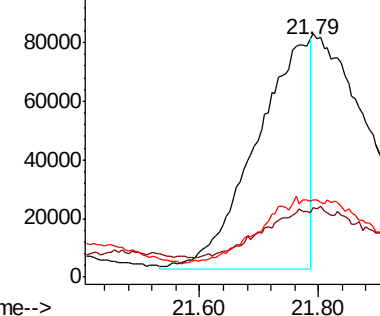
Delta R.T. 0.47 min

Lab File: BM020491.D

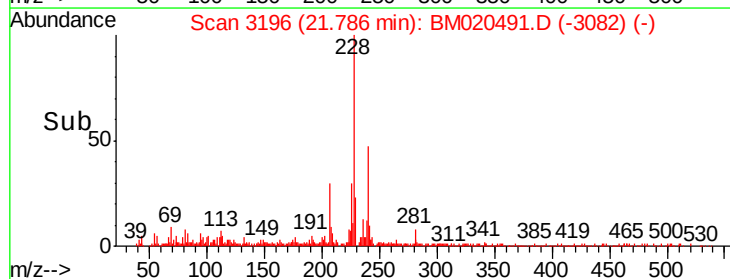
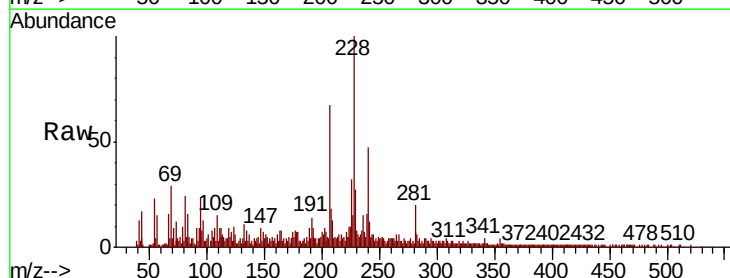
Acq: 22 May 2019 10:08

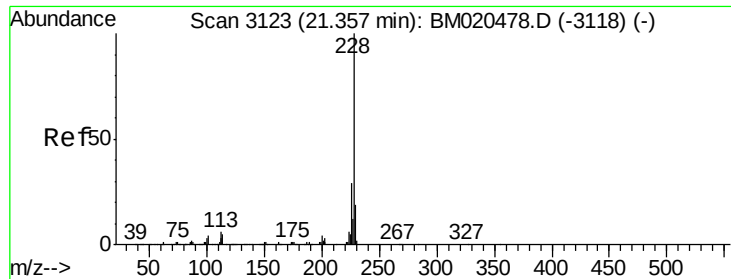
Tgt Ion:	228	Resp:	497679
Ion Ratio	Lower	Upper	
228	100		
229	27.2	15.8	23.8#
226	32.0	20.6	30.8#

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



Time-->





#84

Chrysene

Concen: 20.407 ng/ul m

RT: 21.79 min Scan# 3197

Delta R.T. 0.42 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Instrument :

BNA_M

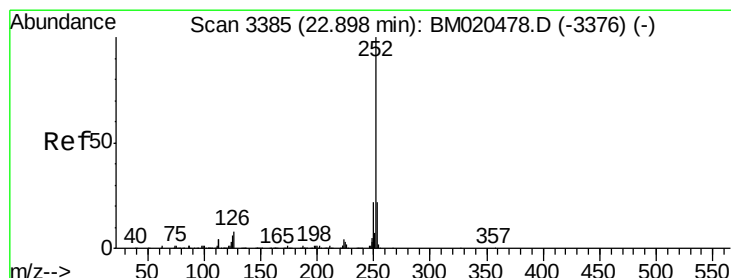
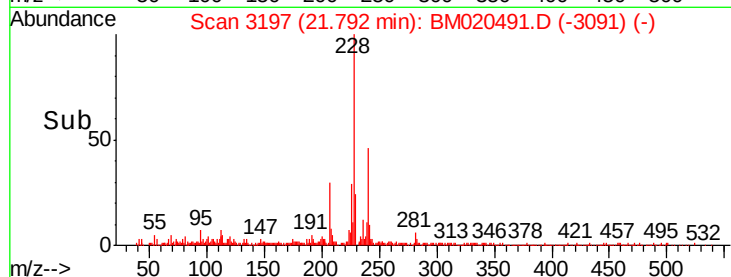
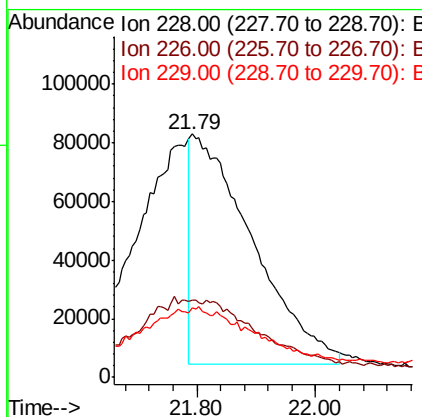
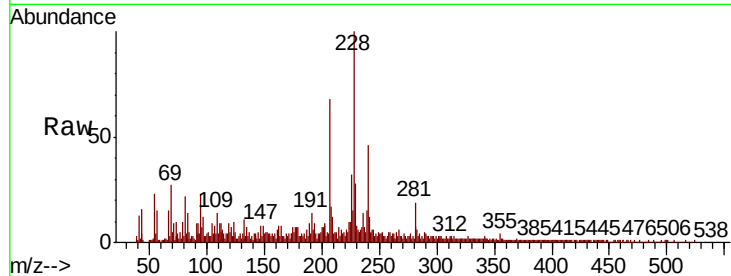
ClientSampleId :

A42F3

Tot Ion:	228	Resp:	554910
Ion Ratio	Lower	Upper	
228	100		
226	31.9	22.2	33.4
229	28.4	15.4	23.2#

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#87

Benzo(b)fluoranthene

Concen: 33.530 ng/ul m

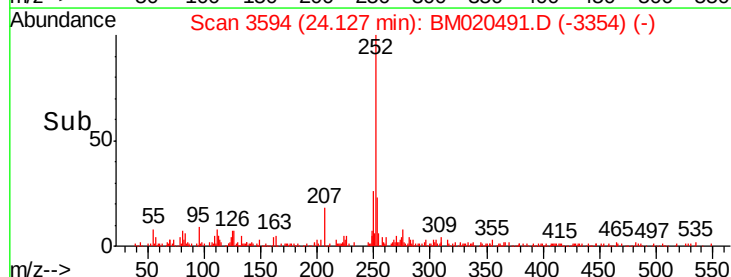
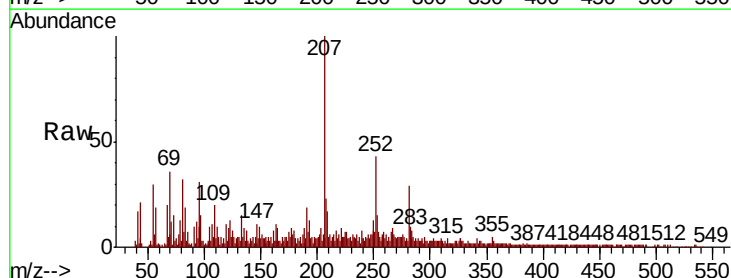
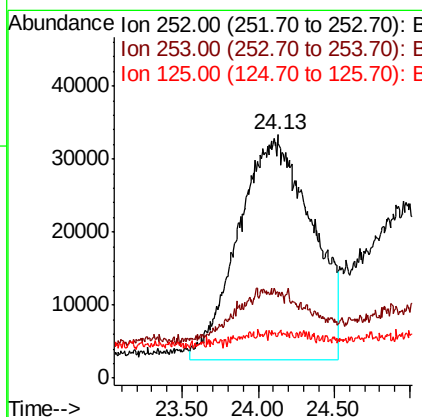
RT: 24.13 min Scan# 3594

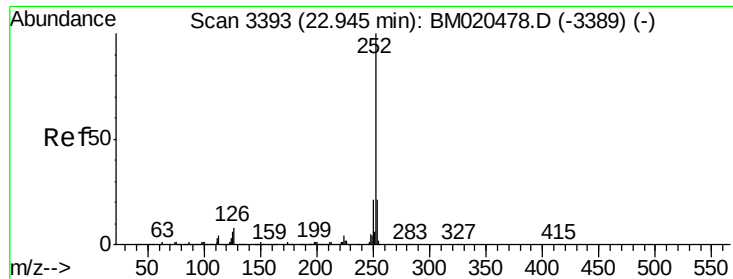
Delta R.T. 1.21 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Tgt Ion:	252	Resp:	1023536
Ion Ratio	Lower	Upper	
252	100		
253	35.2	17.0	25.6#
125	17.7	5.0	7.4#





#88

Benzo(k)fluoranthene

Concen: 29.980 ng/ul m

RT: 24.96 min Scan# 3735

Delta R.T. 1.99 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Instrument :

BNA_M

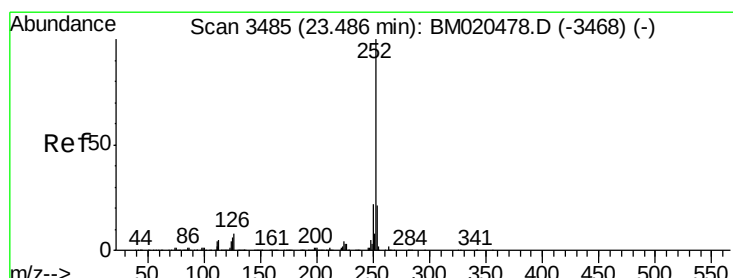
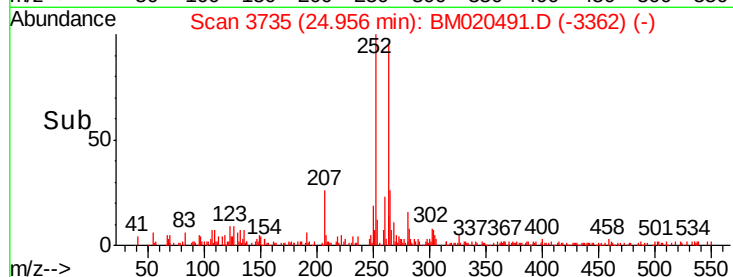
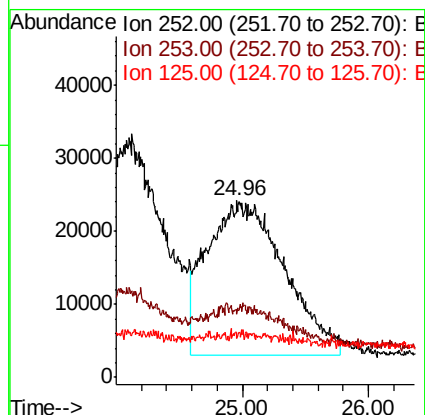
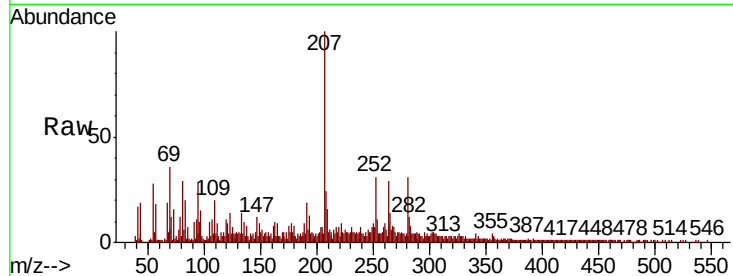
ClientSampleId :

A42F3

Tot Ion:	252	Resp:	898912
Ion Ratio	Lower	Upper	
252	100		
253	36.1	17.6	26.4#
125	22.2	5.0	7.6#

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:10 AM



#90

Benzo(a)pyrene

Concen: 28.522 ng/ul m

RT: 24.96 min Scan# 3735

Delta R.T. 1.45 min

Lab File: BM020491.D

Acq: 22 May 2019 10:08

Tgt Ion:	252	Resp:	819383
Ion Ratio	Lower	Upper	
252	100		
253	36.1	17.4	26.2#
125	22.2	5.4	8.2#

