

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020500.D
 Acq On : 22 May 2019 20:22
 Operator : JU/SJ
 Sample : K2925-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4290

Manual Integrations
 APPROVED

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 5/23/2019 2:22:21 PM

Quant Time: Jun 05 03:58:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 23 07:52:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	71002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	275348	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	173662	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	421081	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	454058	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	528945	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	5764m	3.00	ng/uL	0.01
5) Phenol-d5	6.86	99	58718	10.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	38947	10.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	46055	11.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	42620	10.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	20055	11.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	23074	11.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	48814	11.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	25650	5.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	146408	11.72	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	174951	11.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	11647m	6.42	ng/ul	0.00
57) Fluorene-d10	15.33	176	131046	11.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	12019	5.01	ng/ul	0.00
70) Anthracene-d10	17.19	188	209715	11.61	ng/ul	0.00
78) Pyrene-d10	19.49	212	248363	11.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	265549	11.05	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.80	163	42737	3.458	ng/ul	99
47) Acenaphthylene	14.06	152	140908	9.561	ng/ul	99
53) Dibenzofuran	14.74	168	15842	1.033	ng/ul	100
58) Fluorene	15.39	166	20388	1.659	ng/ul	94
69) Phenanthrene	17.13	178	534360	26.634	ng/ul	99
71) Anthracene	17.23	178	169061	8.284	ng/ul	99
74) Carbazole	17.51	167	20893	1.206	ng/ul#	92
76) Fluoranthene	19.16	202	1443977	56.975	ng/ul	98
79) Pvrene	19.53	202	1286975	47.222	ng/ul	99
82) Benzo(a)anthracene	21.27	228	880827	32.231	ng/ul	96
84) Chrysene	21.33	228	761639	29.163	ng/ul	96
87) Benzo(b)fluoranthene	22.87	252	1171680	38.812	ng/ul	98
88) Benzo(k)fluoranthene	22.90	252	344137m	11.606	ng/ul	
90) Benzo(a)pyrene	23.45	252	798707	28.114	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.83	276	603786	18.652	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.83	278	176989	6.393	ng/ul#	88
93) Benzo(g,h,i)perylene	26.54	276	493799	18.428	ng/ul	95

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

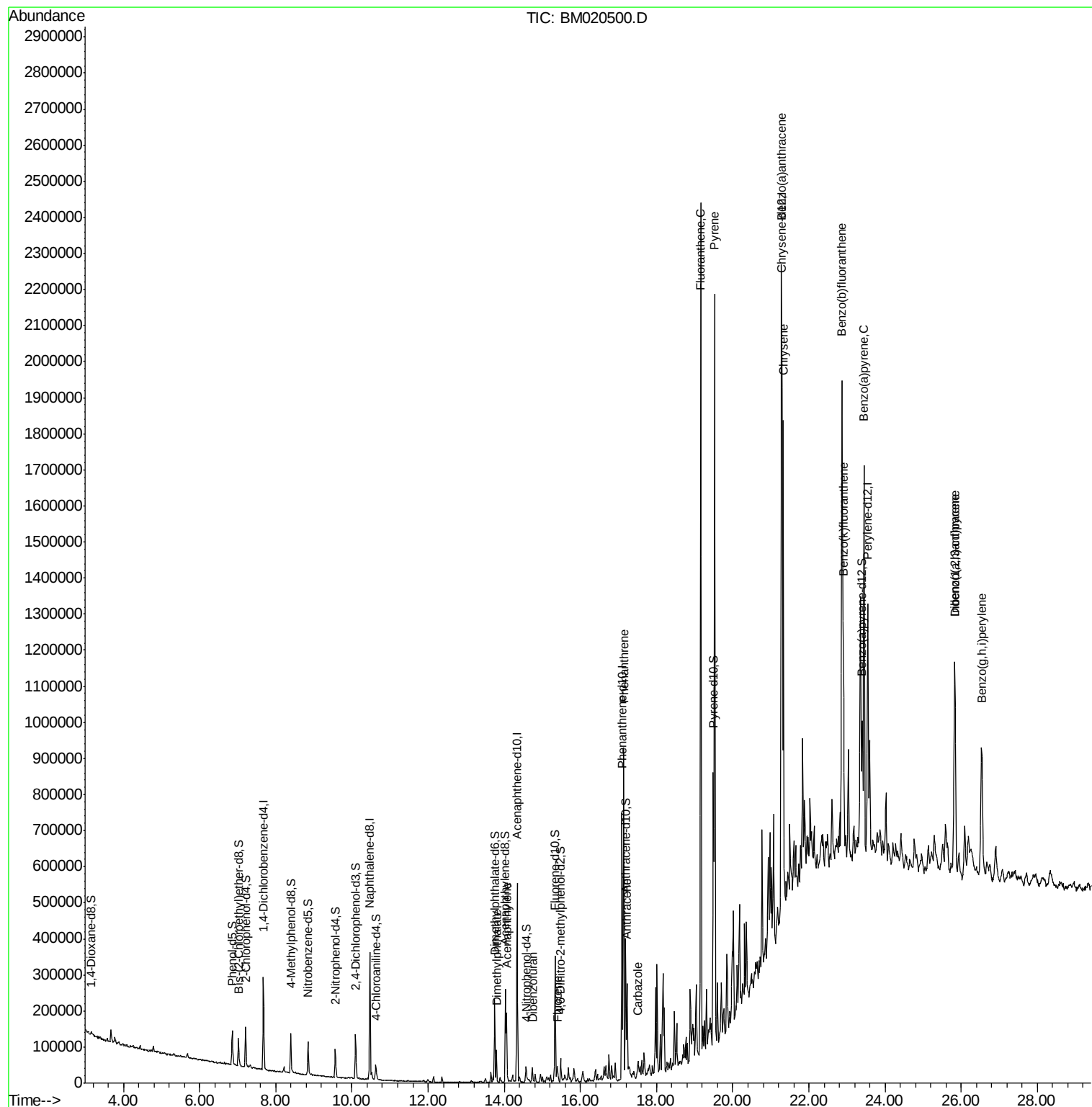
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

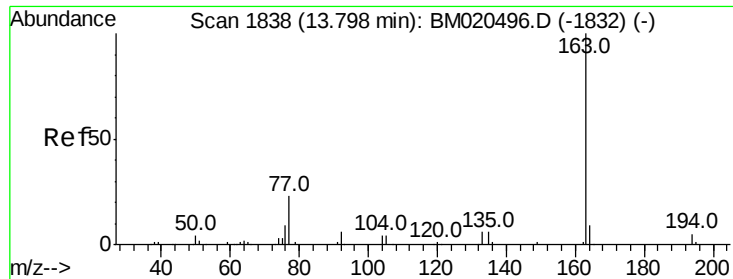
Instrument :
BNA_M
ClientSampleId :
A4290

Quant Time: Jun 05 03:58:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
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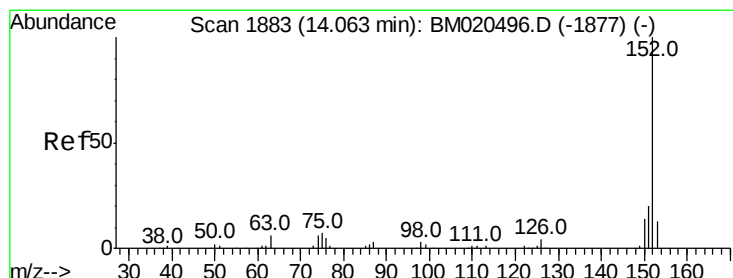
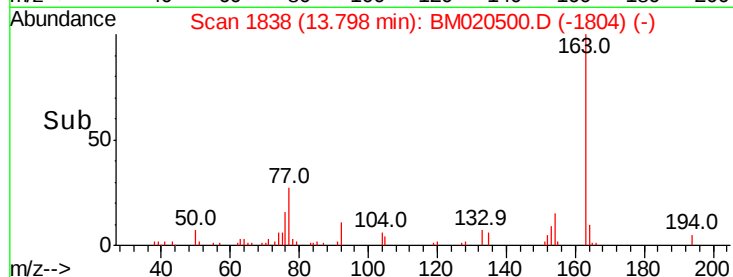
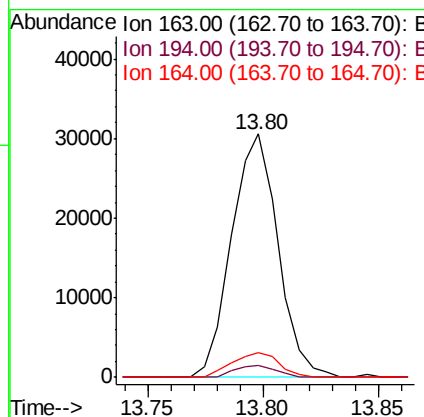
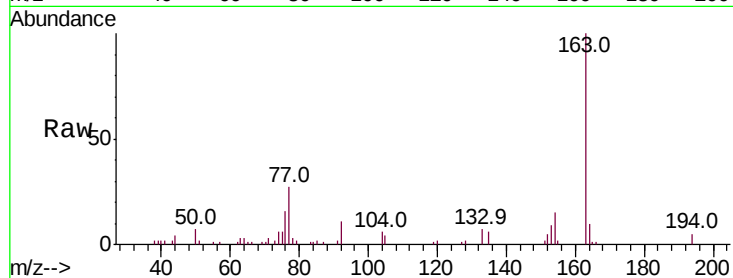
#44
Dimethylphthalate
Concen: 3.458 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampled :
A4290

Tot Ion:	163	Resp:	42737
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.3	4.9
164	10.4	8.0	12.0

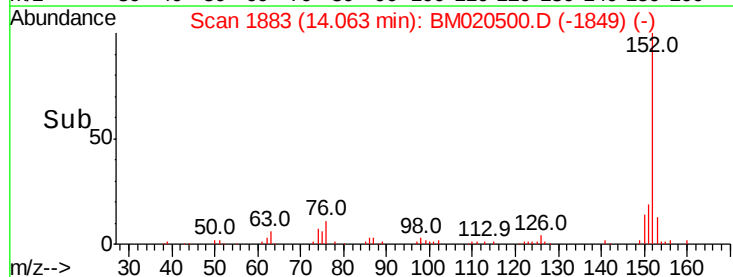
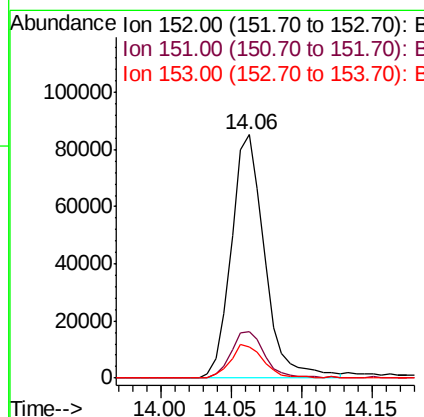
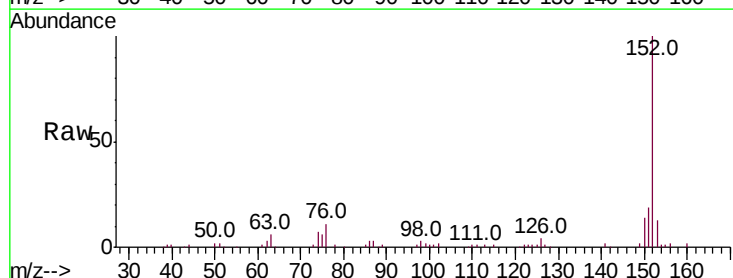
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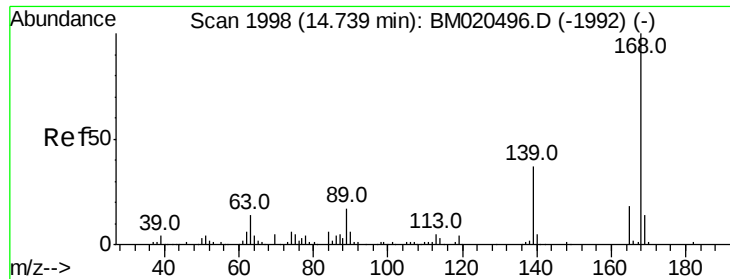
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#47
Acenaphthylene
Concen: 9.561 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:	152	Resp:	140908
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.4	23.0
153	12.7	10.3	15.5





#53

Dibenzofuran

Concen: 1.033 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Instrument :

BNA_M

ClientSampleId :

A4290

Tot Ion:168 Resp: 15842

Ion Ratio Lower Upper

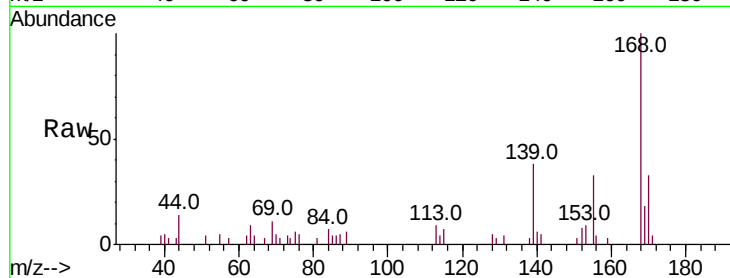
168 100

139 37.7 30.1 45.1

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

12000

10000

8000

6000

4000

2000

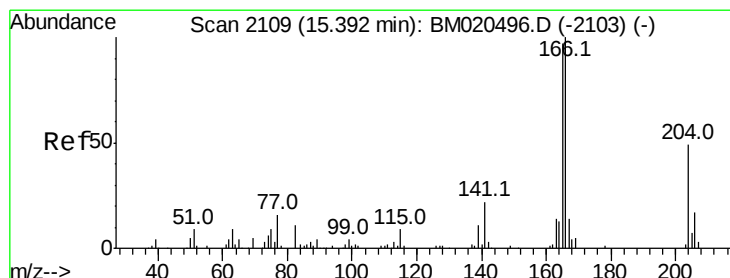
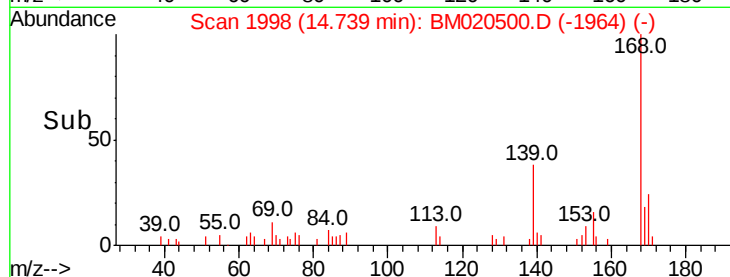
0

14.70

14.75

14.80

Time-->



#58

Fluorene

Concen: 1.659 ng/ul

RT: 15.39 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

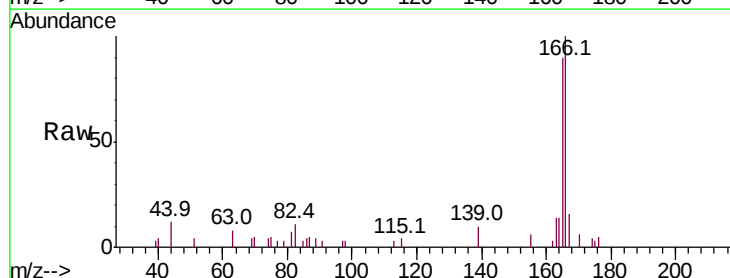
Tgt Ion:166 Resp: 20388

Ion Ratio Lower Upper

166 100

165 90.2 77.1 115.7

167 16.0 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15000

10000

5000

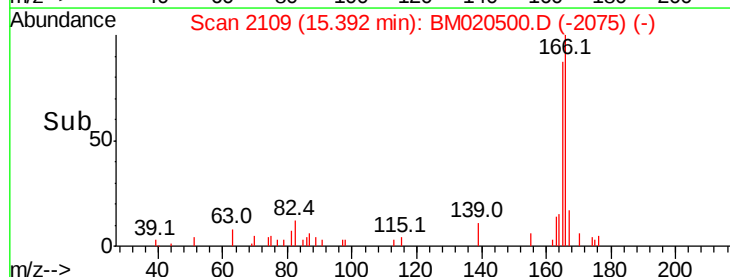
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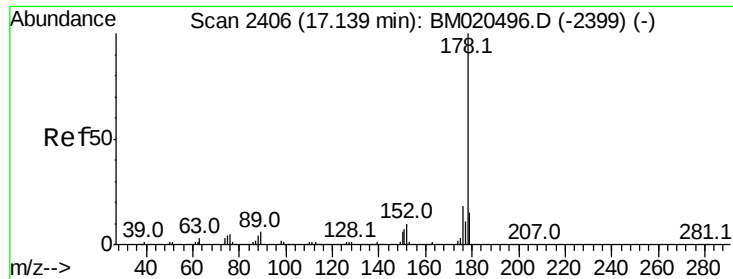
15.35

15.40

15.45

Time-->





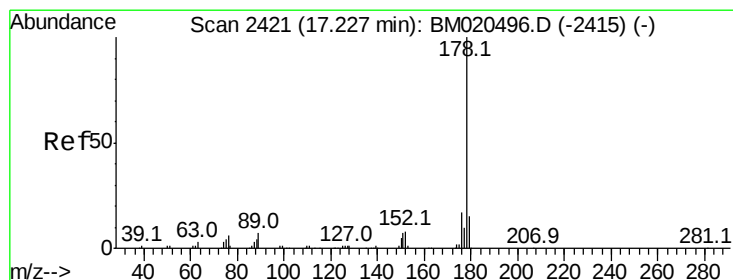
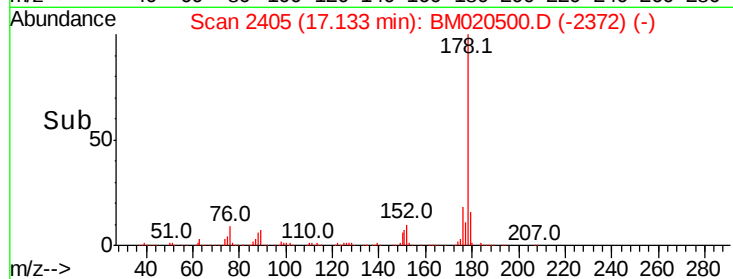
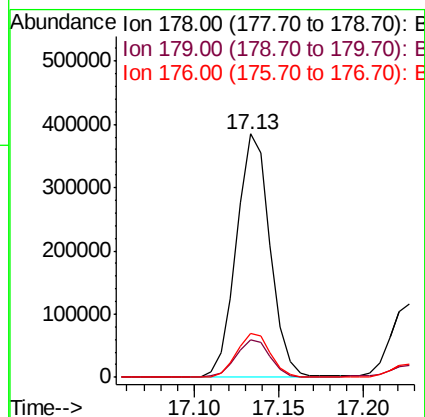
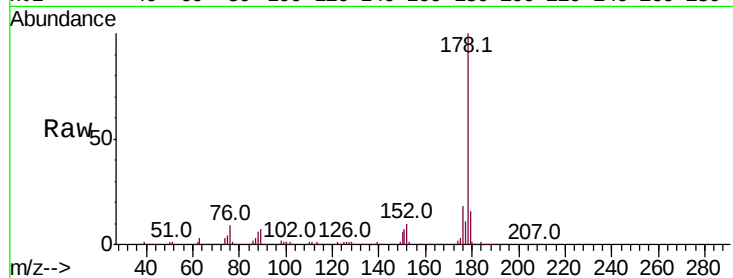
#69
Phenanthrene
Concen: 26.634 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :
A4290

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.3	14.6	22.0

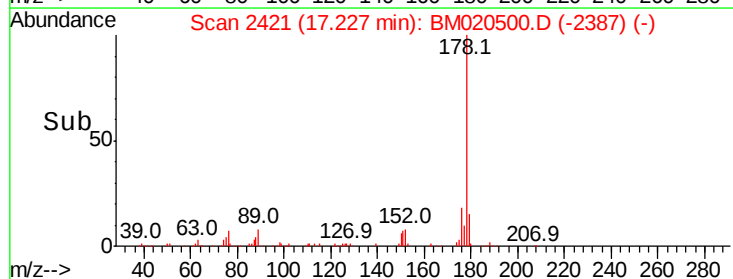
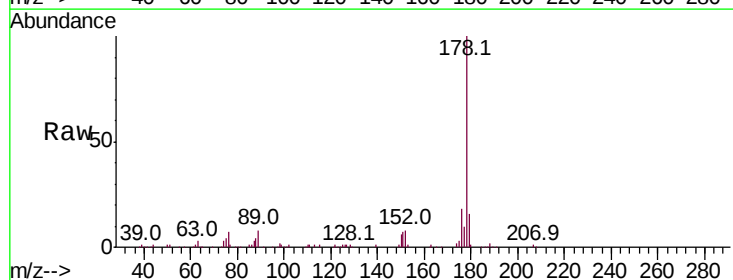
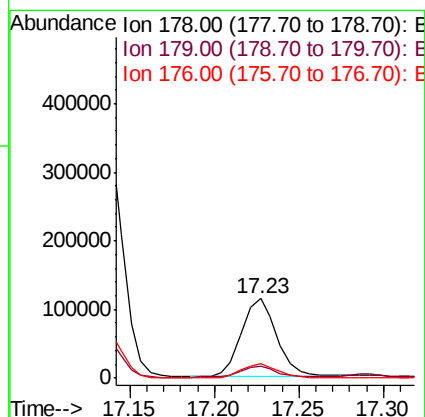
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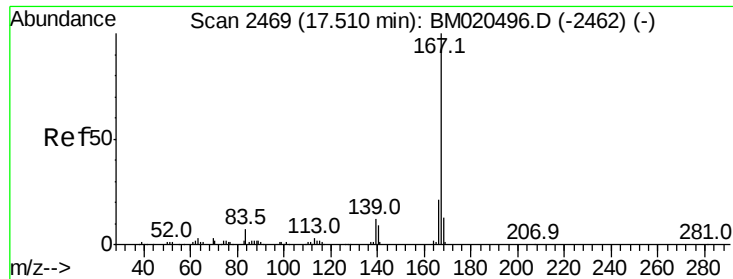
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#71
Anthracene
Concen: 8.284 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	17.7	14.4	21.6





#74

Carbazole

Concen: 1.206 ng/ul

RT: 17.51 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Instrument :

BNA_M

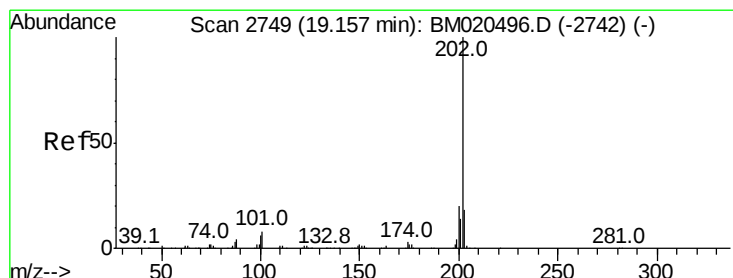
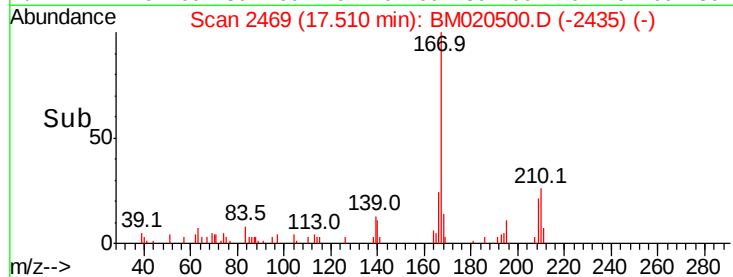
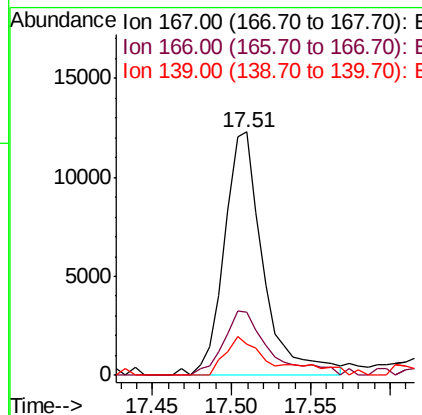
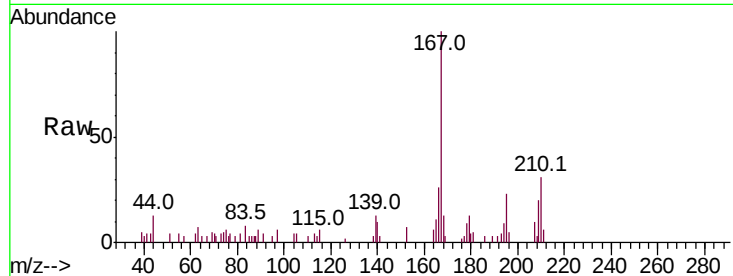
ClientSampleId :

A4290

Tot Ion:	167	Resp:	20893
Ion Ratio	Lower	Upper	
167	100		
166	26.2	16.6	24.8#
139	12.8	9.8	14.8

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#76

Fluoranthene

Concen: 56.975 ng/ul

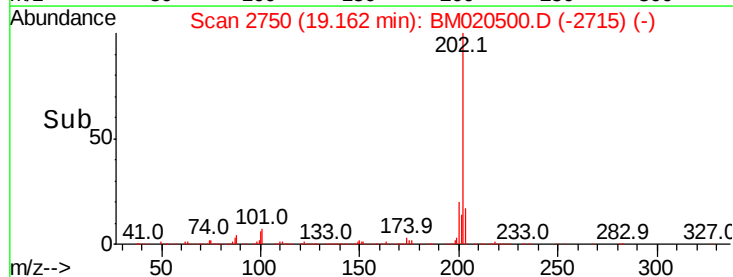
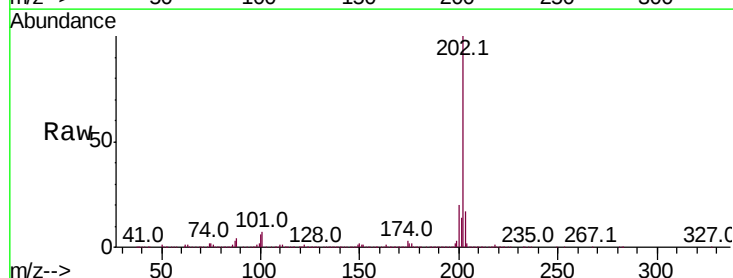
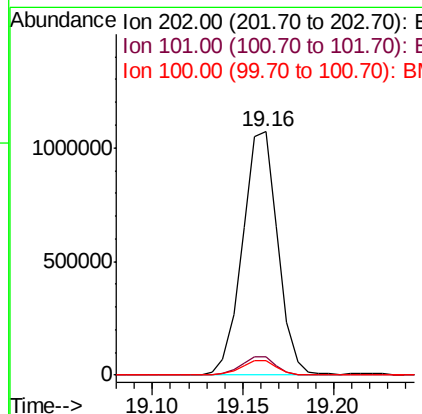
RT: 19.16 min Scan# 2750

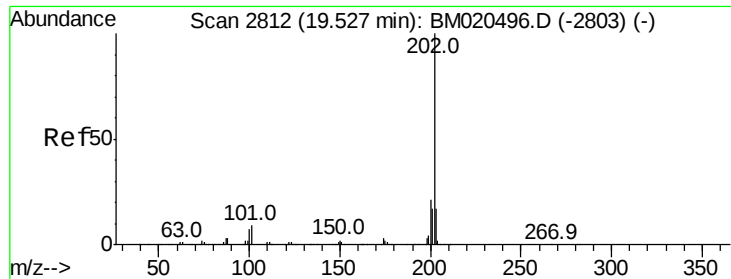
Delta R.T. 0.01 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Tgt Ion:	202	Resp:	1443977
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.4	9.6
100	5.9	5.2	7.8





#79

Pvrene

Concen: 47.222 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Instrument :

BNA_M

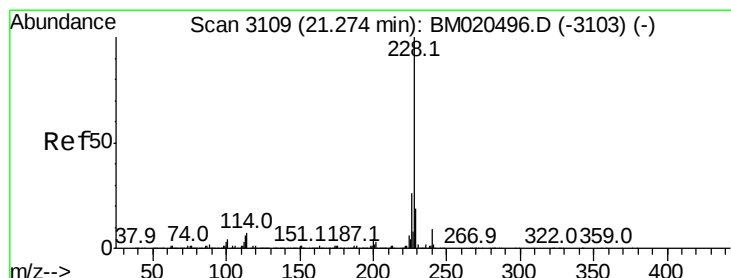
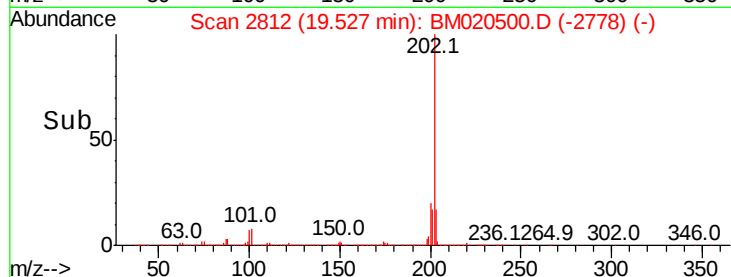
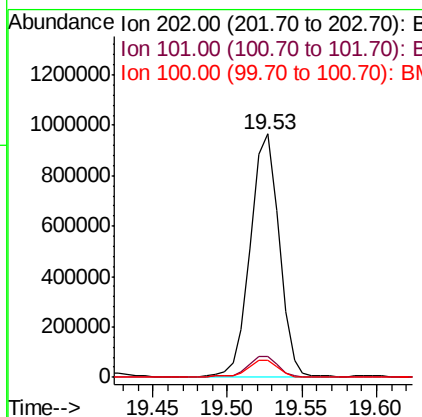
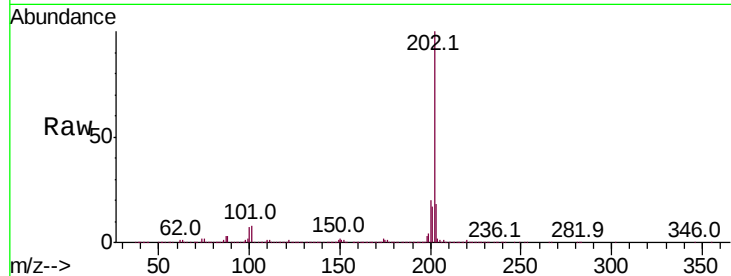
ClientSampleId :

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Tot Ion:	202	Resp:	1286975
Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
100	7.2	5.9	8.9

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#82

Benzo(a)anthracene

Concen: 32.231 ng/ul

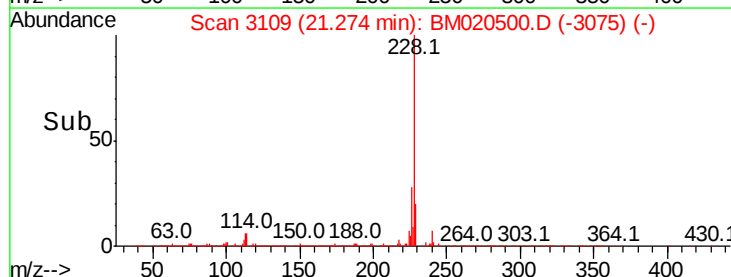
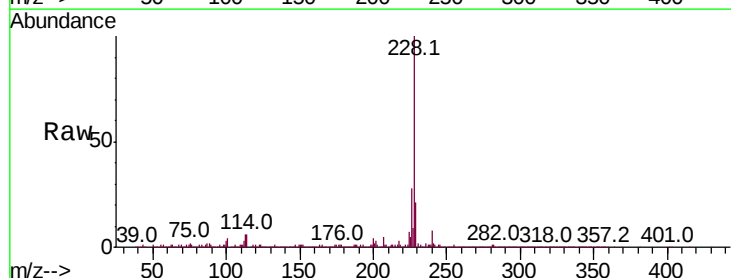
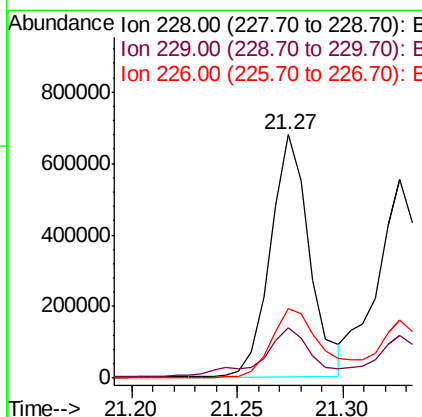
RT: 21.27 min Scan# 3109

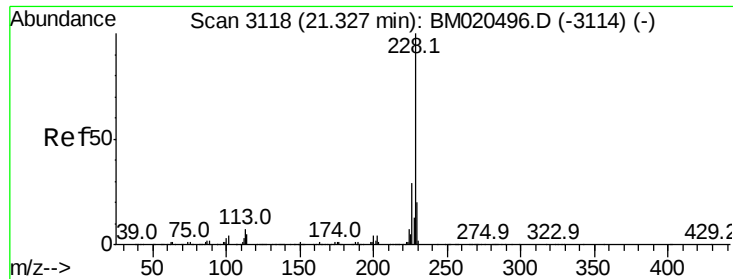
Delta R.T. -0.00 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Tgt Ion:	228	Resp:	880827
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	28.3	20.6	30.8





#84

Chrysene

Concen: 29.163 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Instrument :

BNA_M

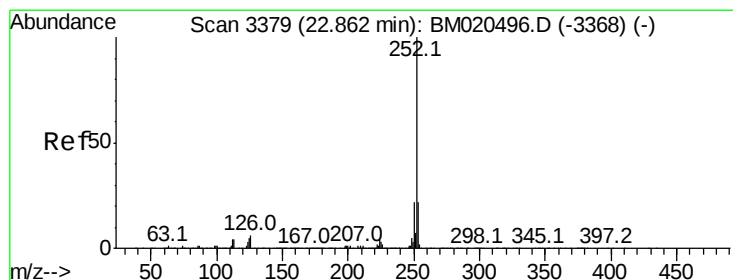
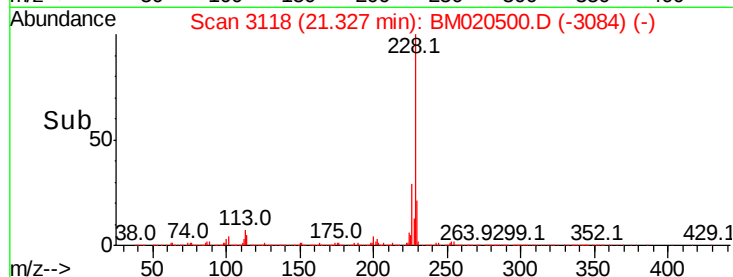
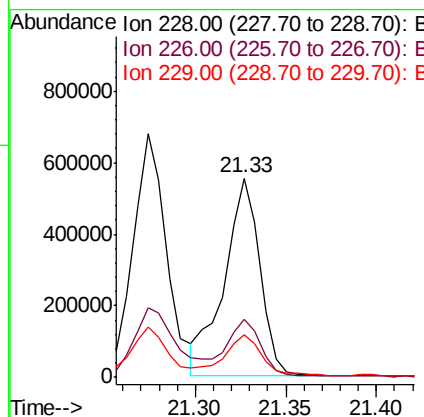
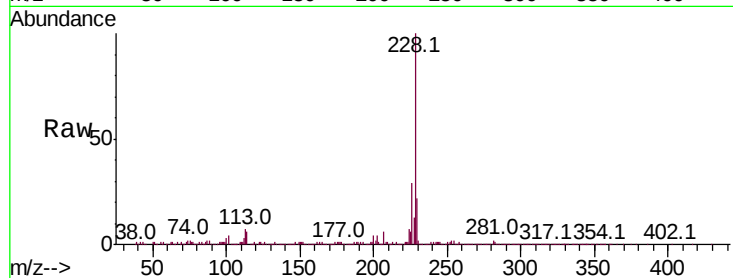
ClientSampleId :

A4290

Tot Ion:	228	Resp:	761639
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.2	33.4
229	21.8	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 38.812 ng/ul

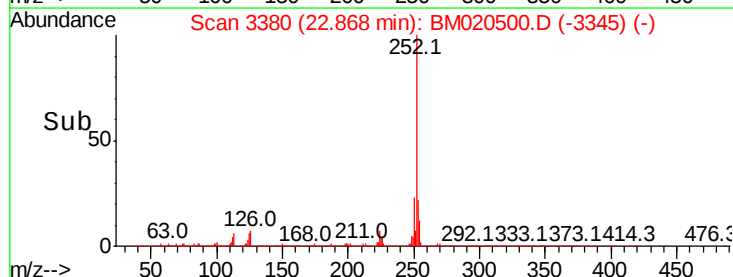
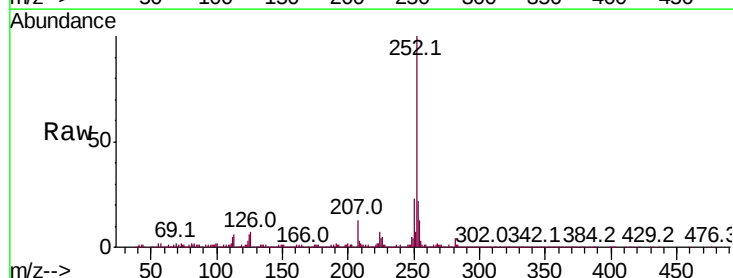
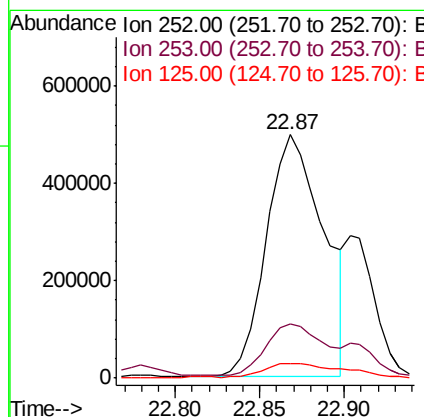
RT: 22.87 min Scan# 3380

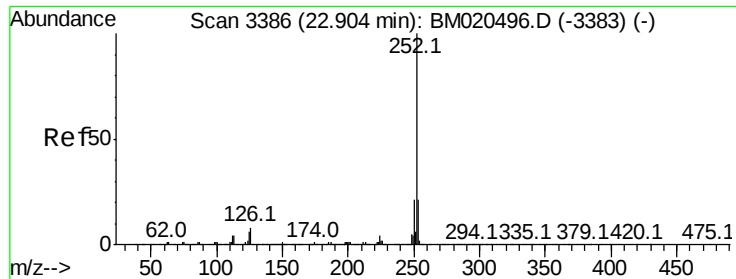
Delta R.T. 0.01 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Tgt Ion:	252	Resp:	1171680
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	6.1	5.0	7.4





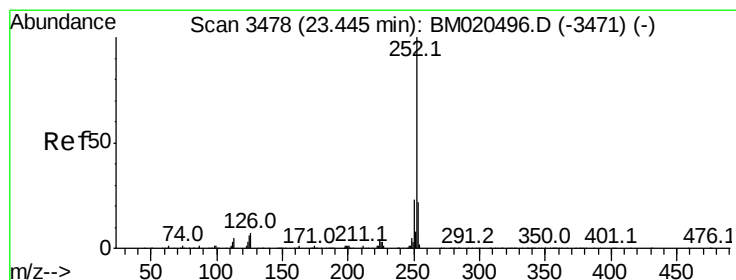
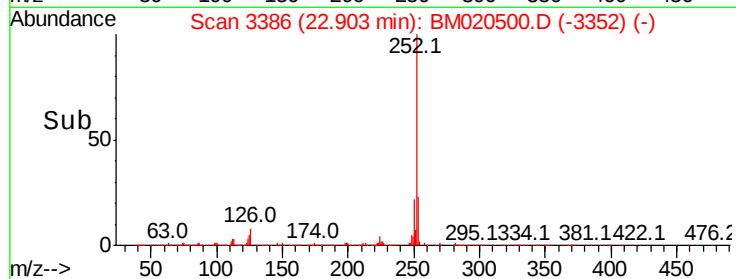
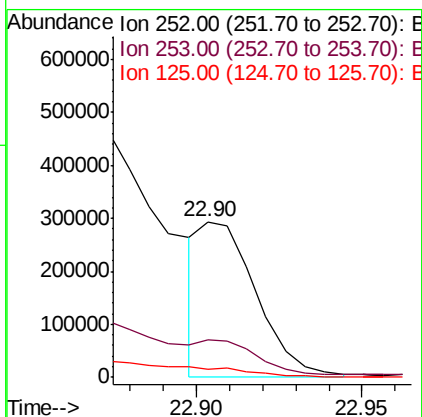
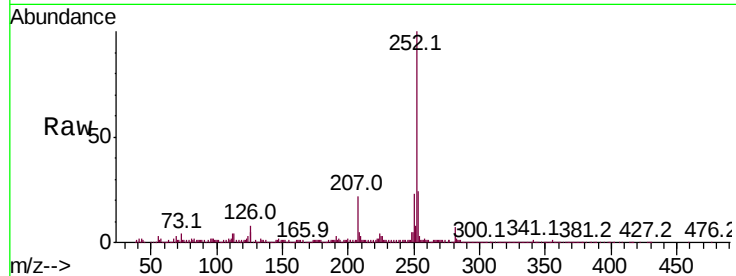
#88
Benzo(k)fluoranthene
Concen: 11.606 ng/ul m
RT: 22.90 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :
A4290

Tot Ion:	252	Resp:	344137
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.6	26.4
125	5.5	5.0	7.6

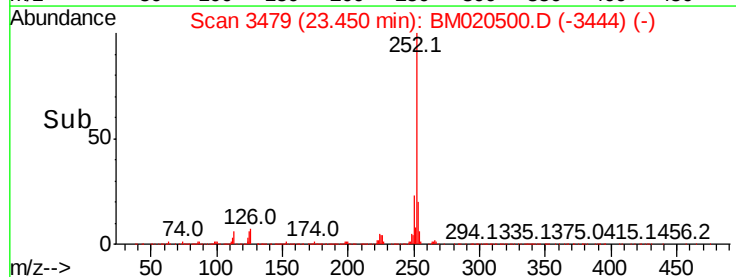
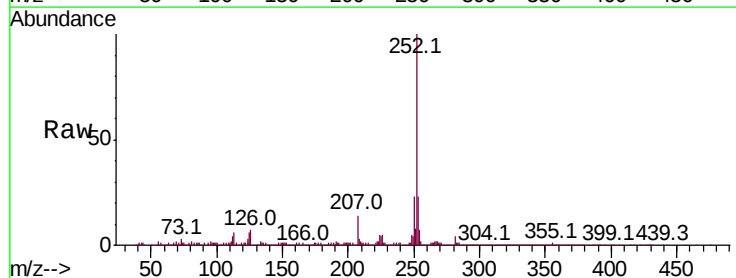
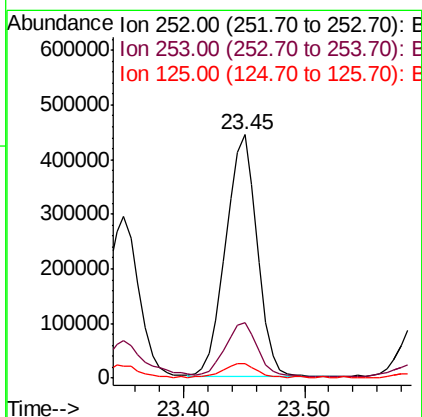
Manual Integrations
APPROVED

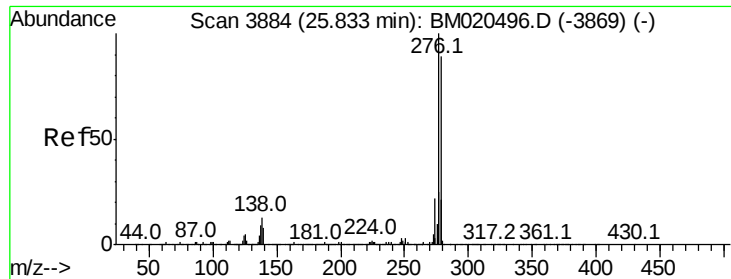
mohammad
5/23/2019 2:22:21 PM



#90
Benzo(a)pyrene
Concen: 28.114 ng/ul
RT: 23.45 min Scan# 3479
Delta R.T. 0.01 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:	252	Resp:	798707
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	6.0	5.4	8.2





#91

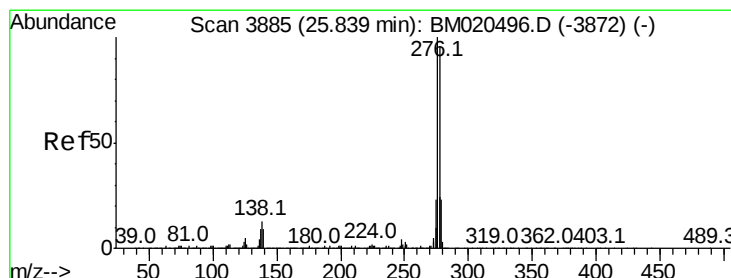
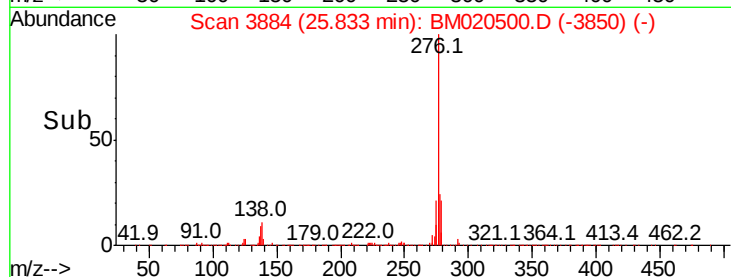
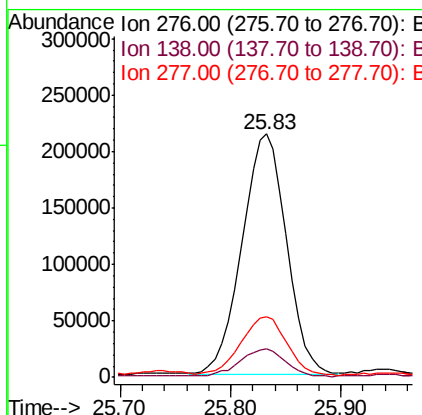
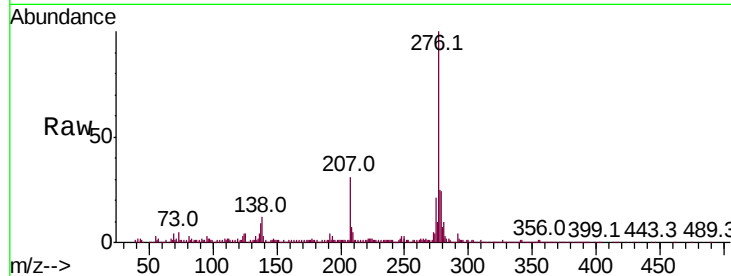
Indeno(1,2,3-cd)pyrene
Concen: 18.652 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampled :
A4290

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.6	12.3	18.5#
277	24.9	20.0	30.0

Manual Integrations
APPROVED

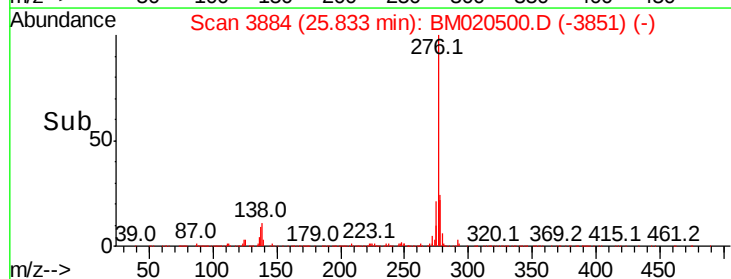
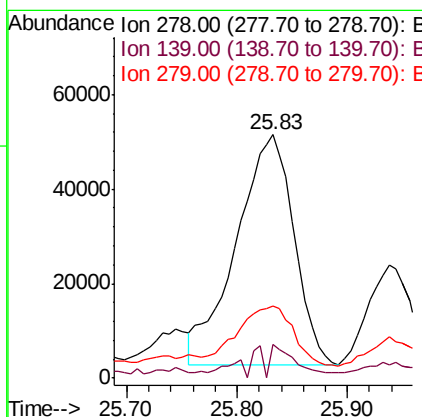
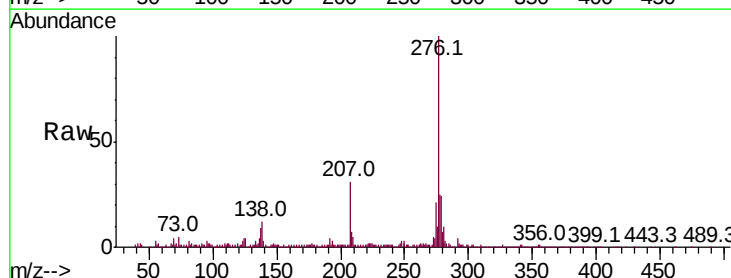
mohammad
5/23/2019 2:22:21 PM

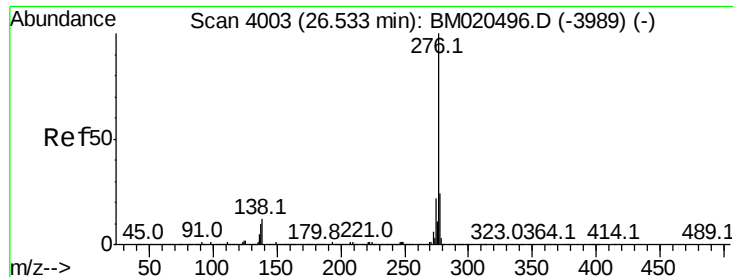


#92

Dibenzo(a,h)anthracene
Concen: 6.393 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.01 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	8.1	12.1#
279	29.8	18.7	28.1#





#93

Benzo(a,h,i)perylene

Concen: 18.428 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. 0.01 min

Lab File: BM020500.D

Acq: 22 May 2019 20:22

Instrument :

BNA_M

ClientSampleId :

A4290

Tot Ion:	276	Resp:	493799
Ion Ratio	Lower	Upper	
276	100		
138	10.9	10.0	15.0
277	25.3	18.2	27.4

Manual Integrations
APPROVED

mohammad
5/23/2019 2:22:21 PM

