

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020467.D
 Acq On : 21 May 2019 19:31
 Operator : JU/SJ
 Sample : K2923-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4250

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:07 AM

Quant Time: May 22 05:36:22 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	7.72	152	51127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	179474	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	101931	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	245933	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	302730	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	369742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5503	3.97	ng/uL	0.00
5) Phenol-d5	6.89	99	73734	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	47840	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	59976	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	52680	17.74	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	25018	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	27236	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	54623	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	48065	17.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	158312	21.59	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	199020	21.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	11274m	10.59	ng/ul	0.00
57) Fluorene-d10	15.37	176	142857	21.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	15141	10.81	ng/ul	0.00
70) Anthracene-d10	17.23	188	227868	21.60	ng/ul	0.00
78) Pyrene-d10	19.53	212	302629	20.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	366493	21.81	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.83	163	45599	6.285	ng/ul	99
47) Acenaphthylene	14.10	152	24269	2.806	ng/ul#	94
69) Phenanthrene	17.17	178	168026	14.339	ng/ul	99
71) Anthracene	17.26	178	29525	2.477	ng/ul	98
74) Carbazole	17.54	167	10749	1.062	ng/ul	94
76) Fluoranthene	19.19	202	452952	30.600	ng/ul	100
79) Pyrene	19.56	202	393549	21.659	ng/ul	99
82) Benzo(a)anthracene	21.31	228	221104	12.135	ng/ul	95
84) Chrysene	21.36	228	213041	12.235	ng/ul	95
87) Benzo(b)fluoranthene	22.91	252	318979	15.116	ng/ul	96
88) Benzo(k)fluoranthene	22.95	252	129440m	6.245	ng/ul	
90) Benzo(a)pyrene	23.50	252	227484	11.455	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	186450	8.240	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.90	278	44782	2.314	ng/ul#	87
93) Benzo(g,h,i)perylene	26.61	276	142228	7.593	ng/ul	97

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

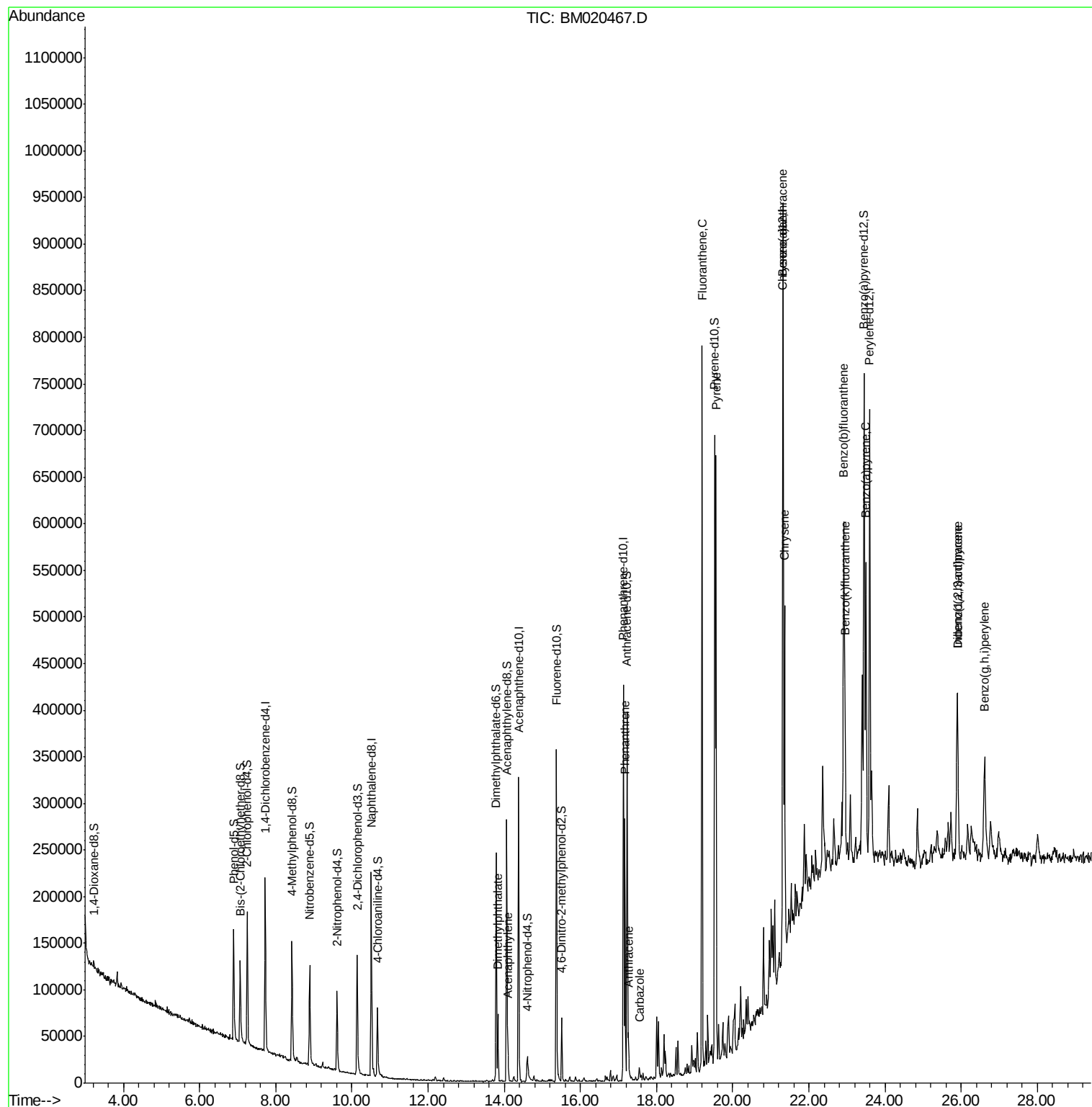
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020467.D
Acq On : 21 May 2019 19:31
Operator : JU/SJ
Sample : K2923-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

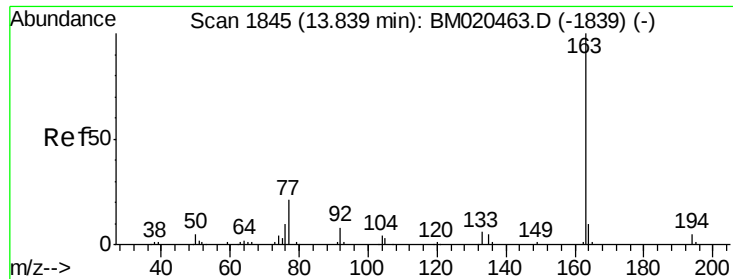
Instrument :
BNA_M
ClientSampleId :
A4250

Quant Time: May 22 05:36:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
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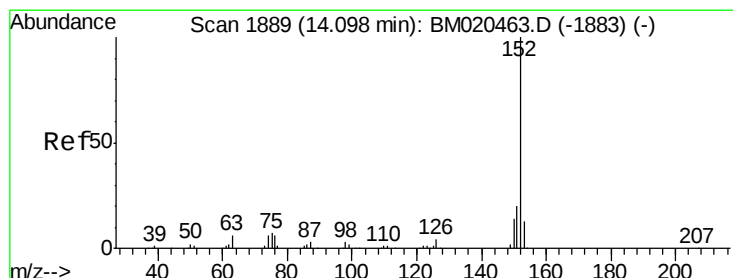
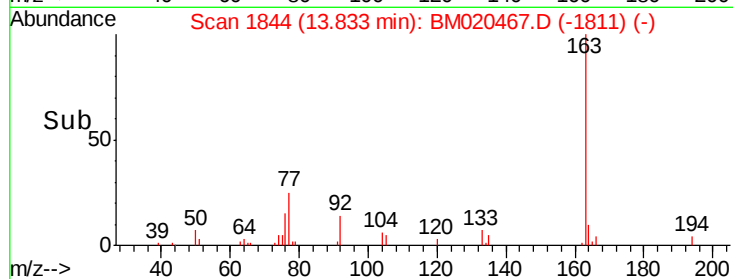
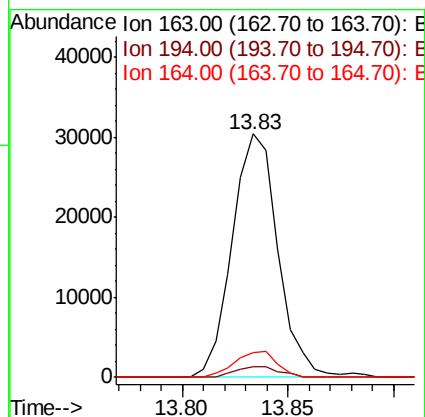
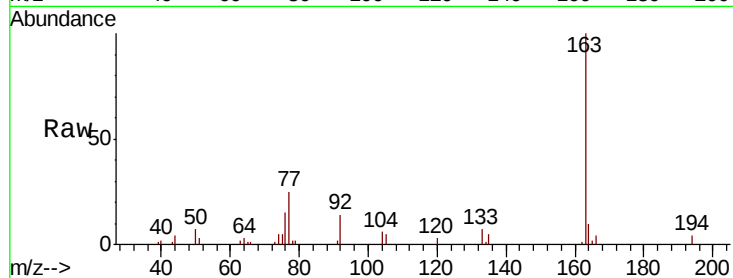
#44
Dimethylphthalate
Concen: 6.285 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020467.D
Acq: 21 May 2019 19:31

Instrument :
BNA_M
ClientSampleId :
A4250

Tot Ion:	163	Resp:	45599
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.3	8.0	12.0

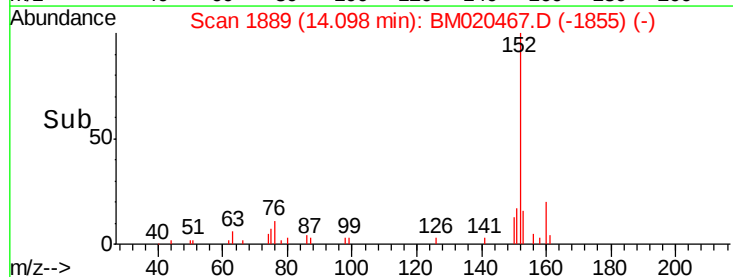
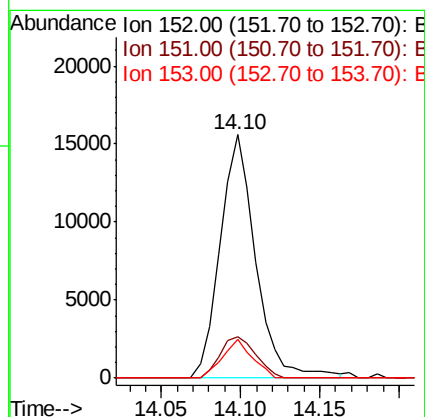
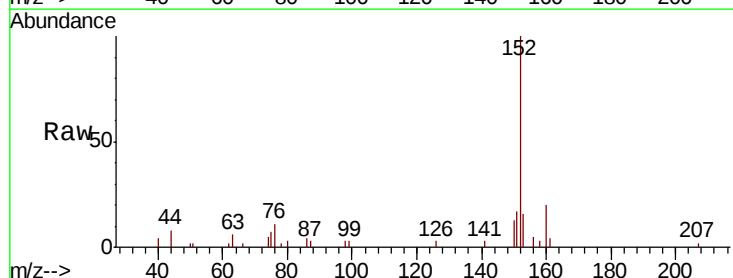
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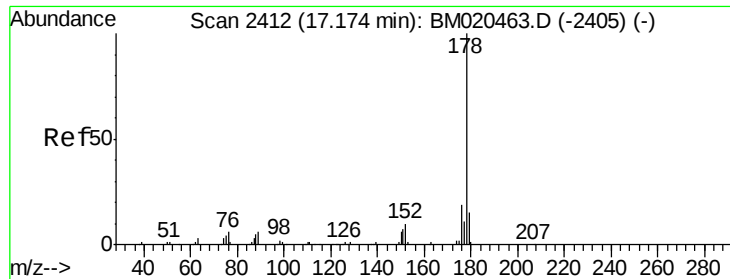
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#47
Acenaphthylene
Concen: 2.806 ng/ul
RT: 14.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BM020467.D
Acq: 21 May 2019 19:31

Tgt Ion:	152	Resp:	24269
Ion Ratio	Lower	Upper	
152	100		
151	17.2	15.4	23.0
153	15.8	10.3	15.5#





#69

Phenanthrene

Concen: 14.339 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020467.D

Acq: 21 May 2019 19:31

Instrument :

BNA_M

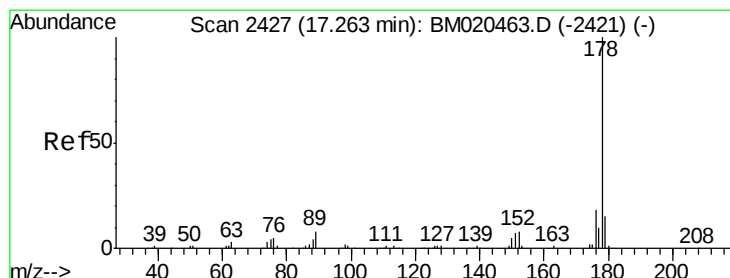
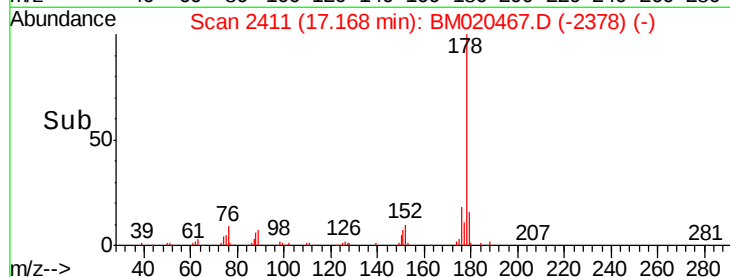
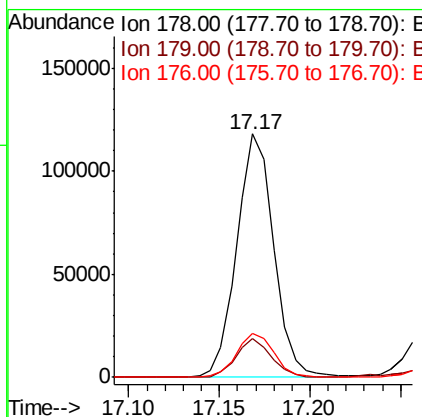
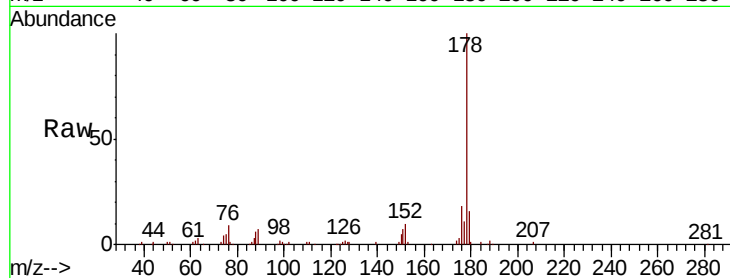
ClientSampleId :

A4250

Tot Ion:	178	Resp:	168026
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.9	17.9
176	18.1	14.6	22.0

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#71

Anthracene

Concen: 2.477 ng/ul

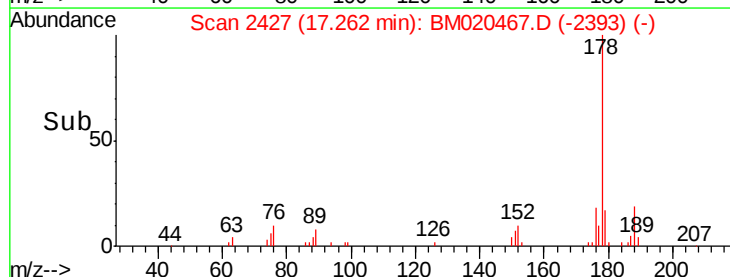
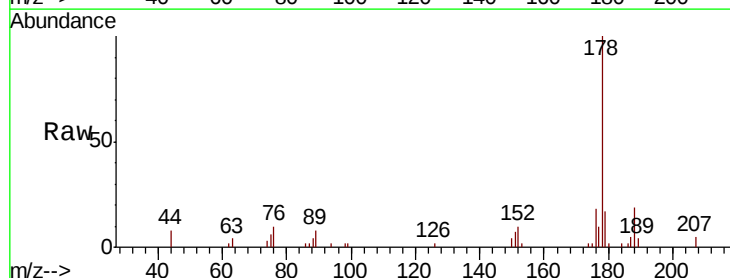
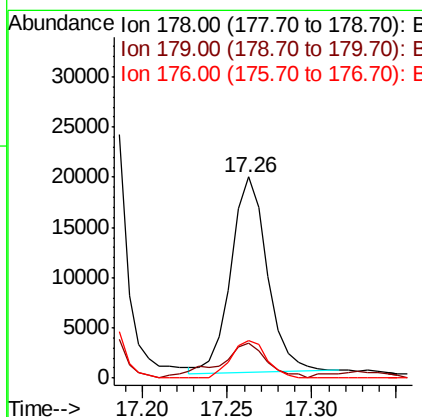
RT: 17.26 min Scan# 2427

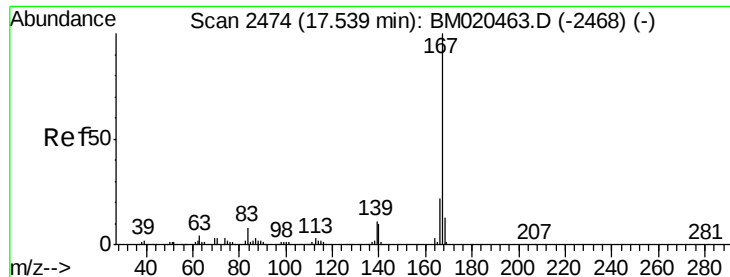
Delta R.T. -0.00 min

Lab File: BM020467.D

Acq: 21 May 2019 19:31

Tgt Ion:	178	Resp:	29525
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.4	18.6
176	18.4	14.4	21.6





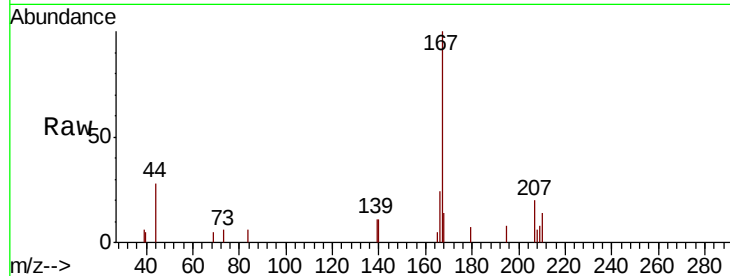
#74
 Carbazole
 Concen: 1.062 ng/ul
 RT: 17.54 min Scan# 2475
 Delta R.T. 0.01 min
 Lab File: BM020467.D
 Acq: 21 May 2019 19:31

Instrument :
 BNA_M
 ClientSampleId :
 A4250

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	23.9	16.6	24.8		
139	10.7	9.8	14.8		

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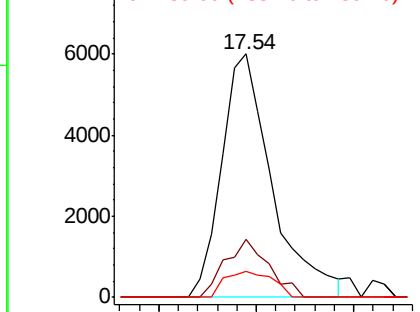


Abundance

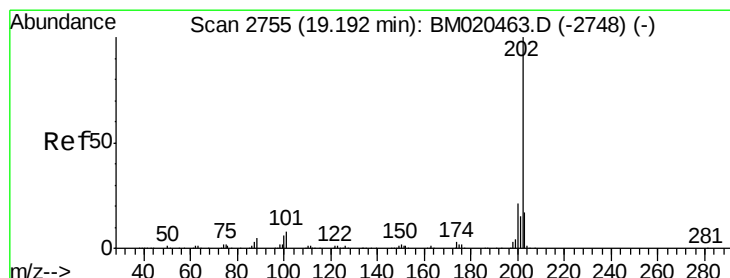
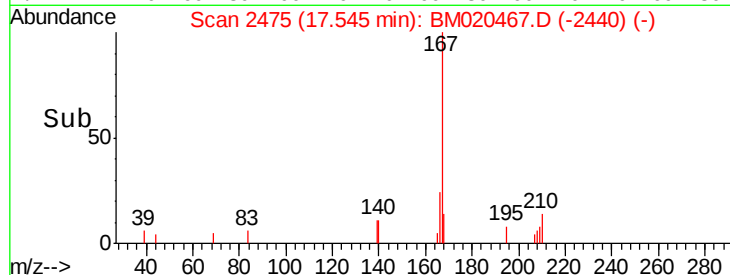
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#76
 Fluoranthene
 Concen: 30.600 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM020467.D
 Acq: 21 May 2019 19:31

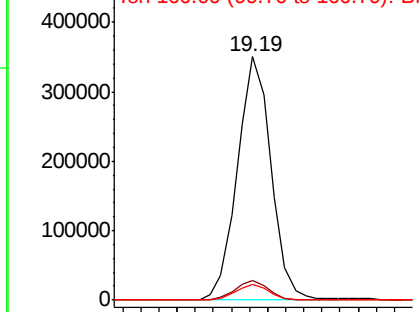
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.8	6.4	9.6		
100	6.4	5.2	7.8		

Abundance

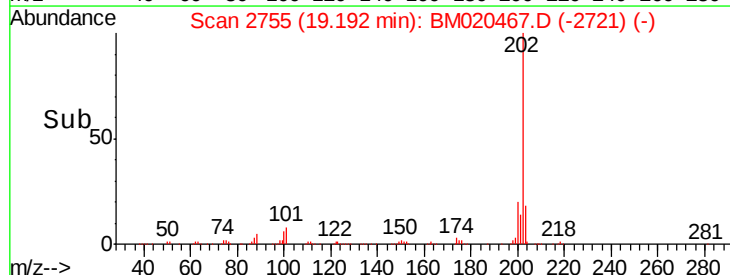
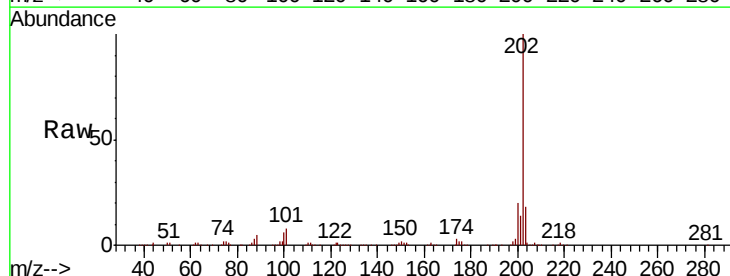
Ion 202.00 (201.70 to 202.70): E

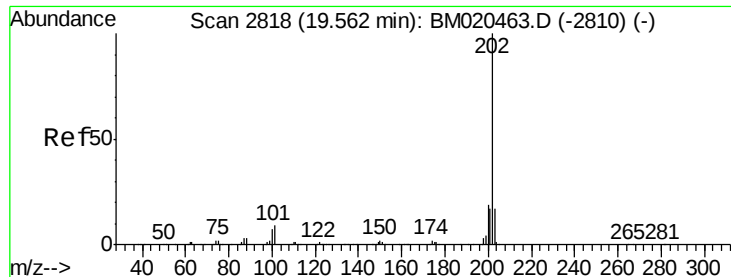
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





#79

Pvrene

Concen: 21.659 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM020467.D

Acq: 21 May 2019 19:31

Instrument :

BNA_M

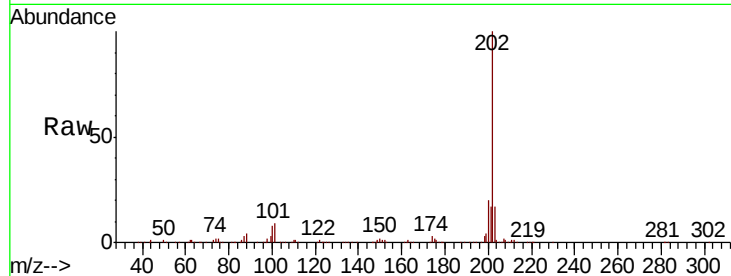
ClientSampleId :

A4250

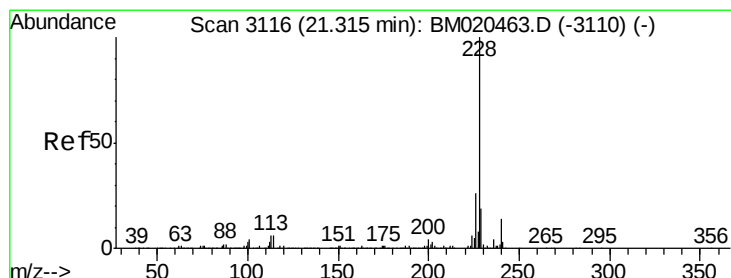
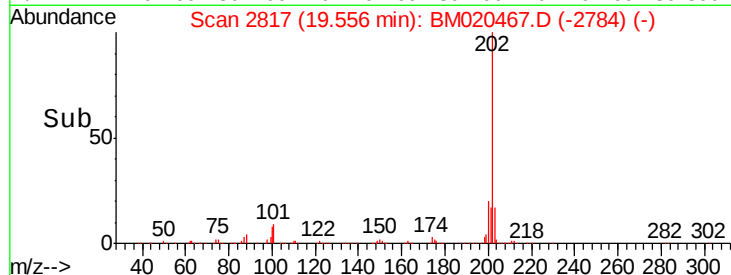
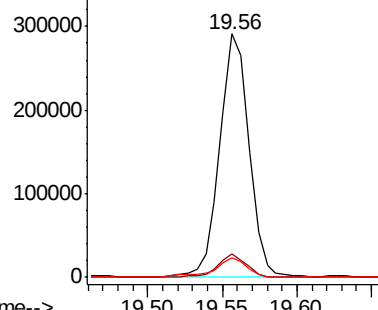
Tot Ion:	202	Resp:	393549
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.1	10.7
100	7.8	5.9	8.9

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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



#82

Benzo(a)anthracene

Concen: 12.135 ng/ul

RT: 21.31 min Scan# 3115

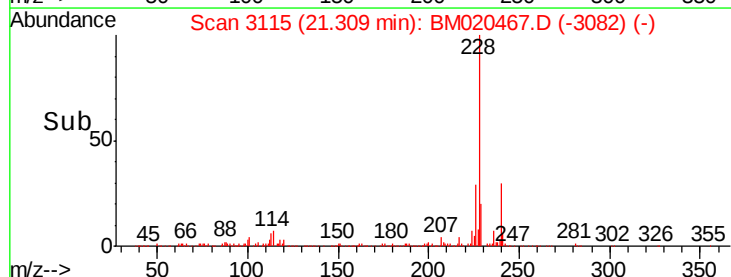
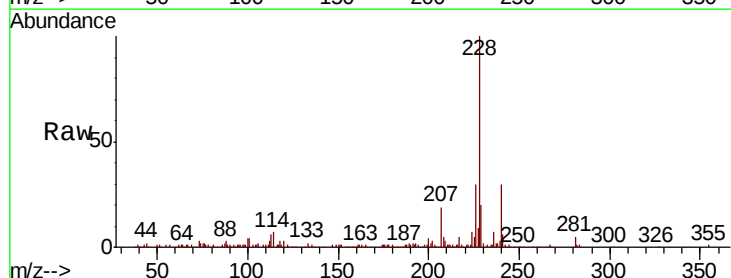
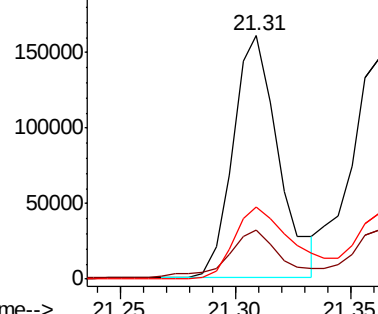
Delta R.T. -0.01 min

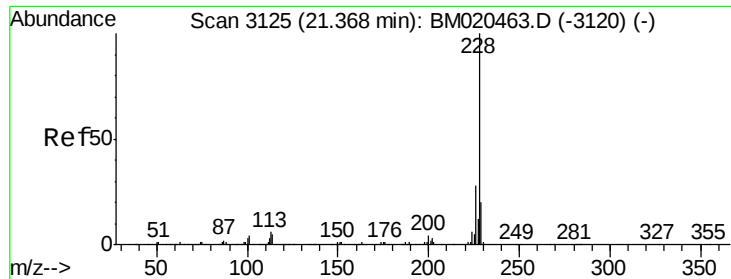
Lab File: BM020467.D

Acq: 21 May 2019 19:31

Tgt Ion:	228	Resp:	221104
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.8	23.8
226	29.5	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





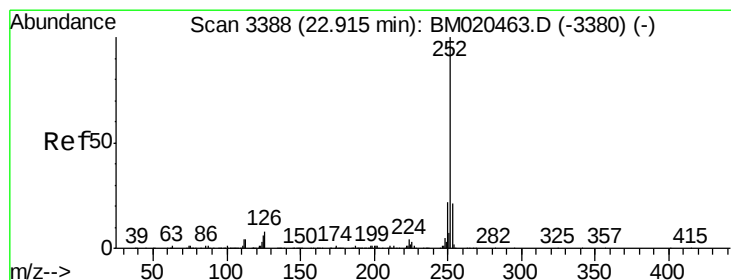
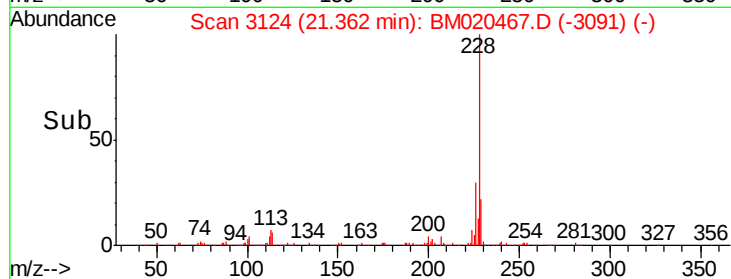
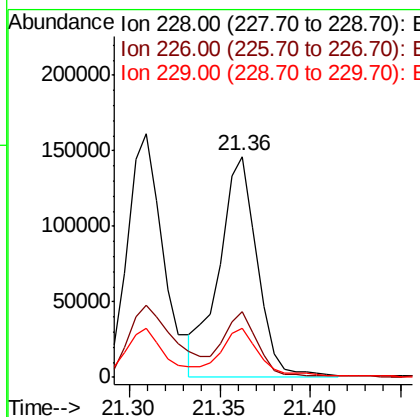
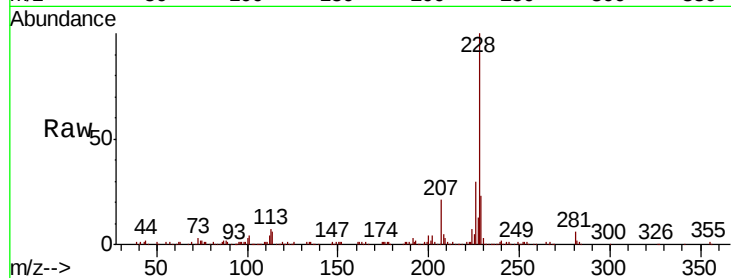
#84
 Chrysene
 Concen: 12.235 ng/ul
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM020467.D
 Acq: 21 May 2019 19:31

Instrument :
 BNA_M
 ClientSampleId :
 A4250

Tot Ion:	228	Resp:	213041
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.2	33.4
229	22.5	15.4	23.2

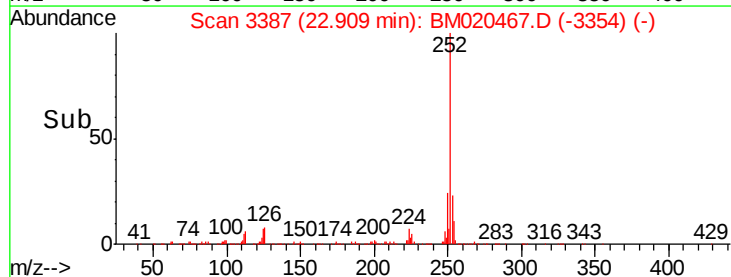
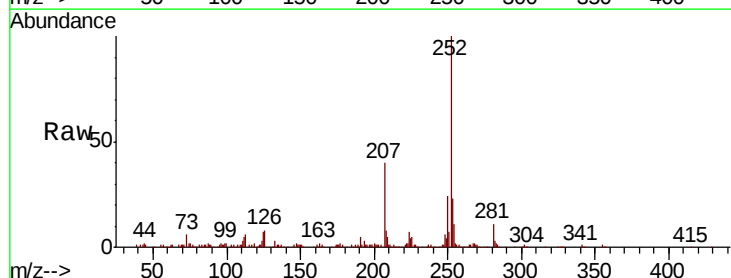
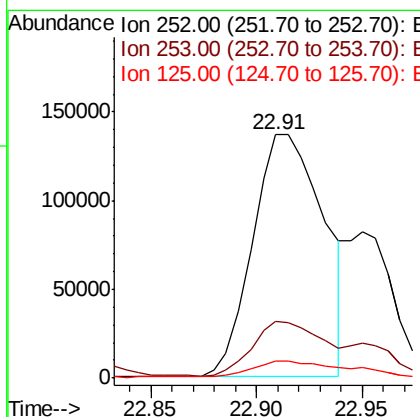
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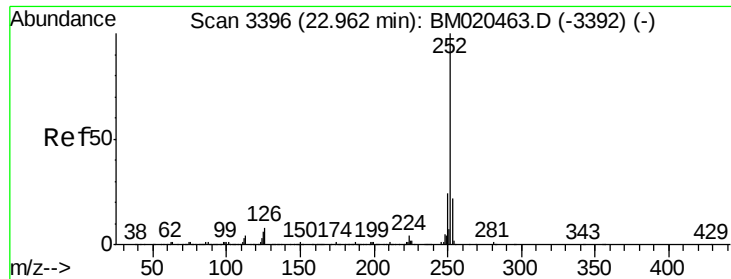
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#87
 Benzo(b)fluoranthene
 Concen: 15.116 ng/ul
 RT: 22.91 min Scan# 3387
 Delta R.T. -0.01 min
 Lab File: BM020467.D
 Acq: 21 May 2019 19:31

Tgt Ion:	252	Resp:	318979
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	7.0	5.0	7.4





#88

Benzo(k)fluoranthene

Concen: 6.245 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020467.D

Acq: 21 May 2019 19:31

Instrument :

BNA_M

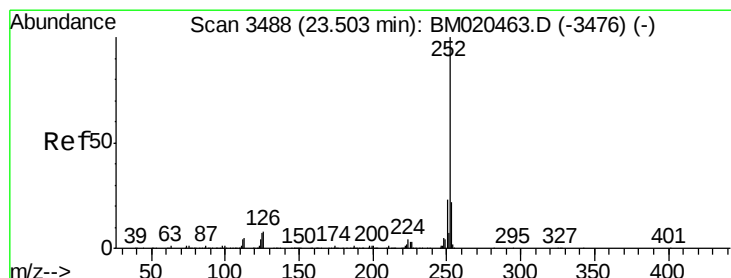
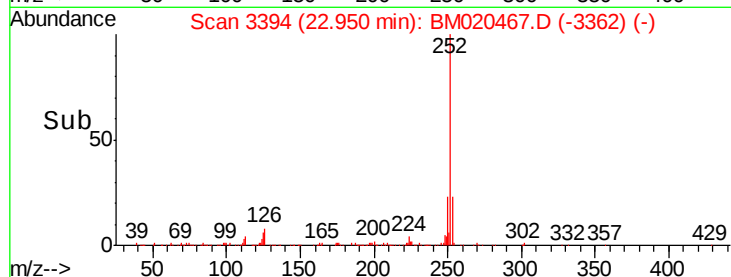
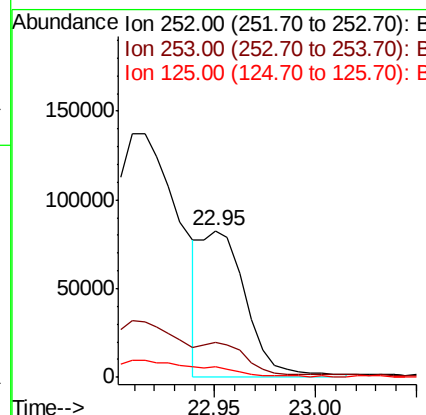
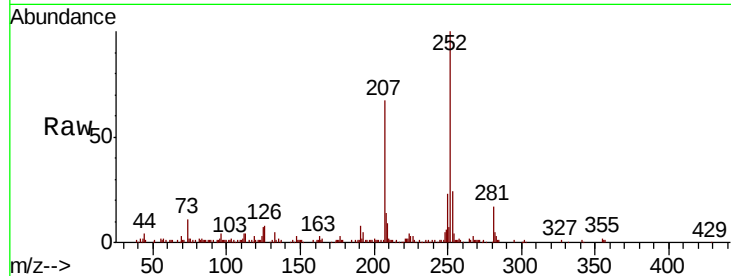
ClientSampleId :

A4250

Tot Ion:	252	Resp:	129440
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.6	26.4
125	6.9	5.0	7.6

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#90

Benzo(a)pyrene

Concen: 11.455 ng/ul

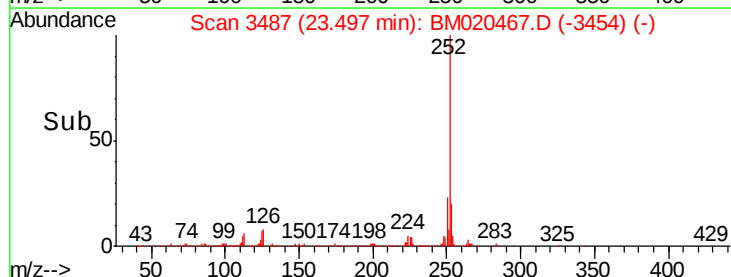
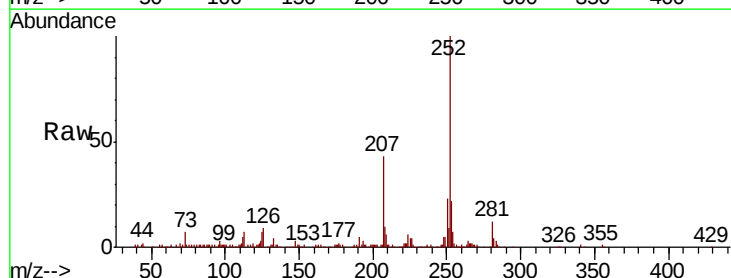
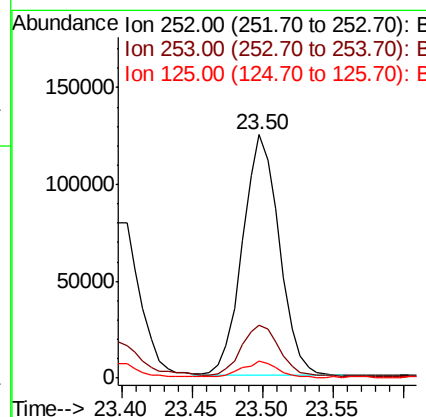
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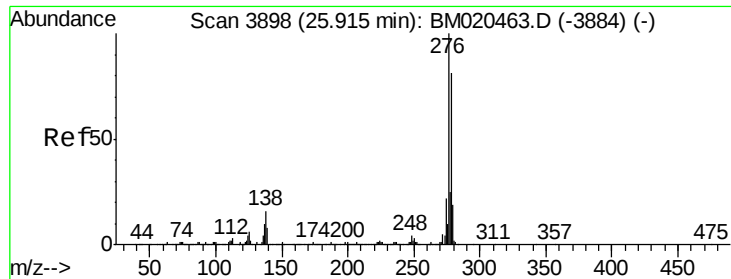
Delta R.T. -0.01 min

Lab File: BM020467.D

Acq: 21 May 2019 19:31

Tgt Ion:	252	Resp:	227484
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	7.1	5.4	8.2





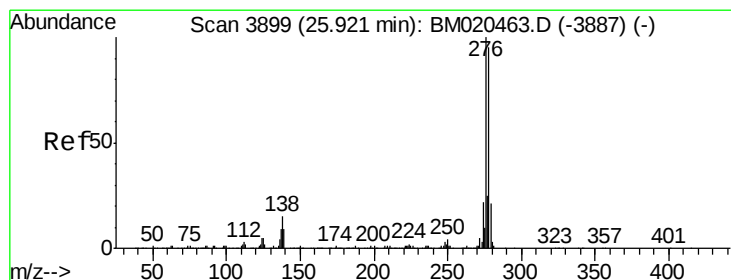
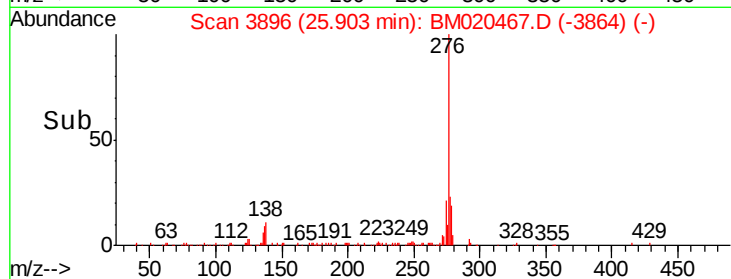
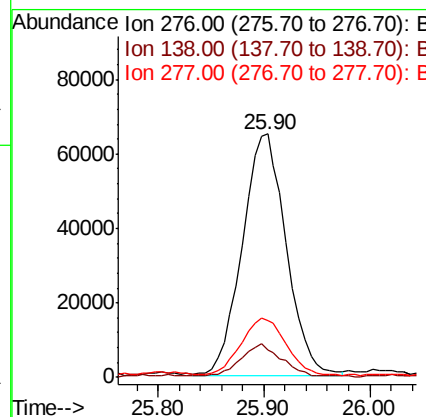
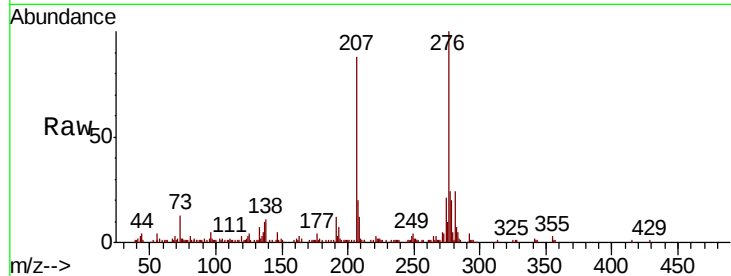
#91
Indeno(1,2,3-cd)pyrene
Concen: 8.240 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM020467.D
Acq: 21 May 2019 19:31

Instrument :
BNA_M
ClientSampleId :
A4250

Tot Ion	Ratio	Resp	Lower	Upper
276	100	186450		
138	11.2	12.3	18.5#	
277	23.5	20.0	30.0	

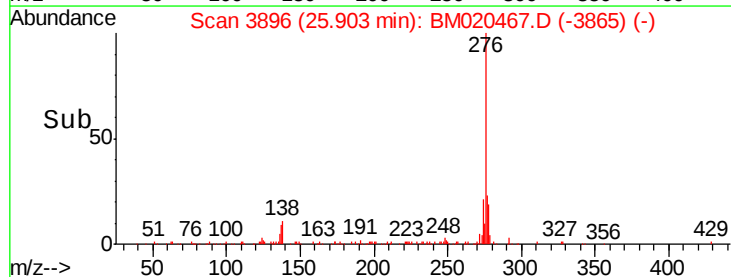
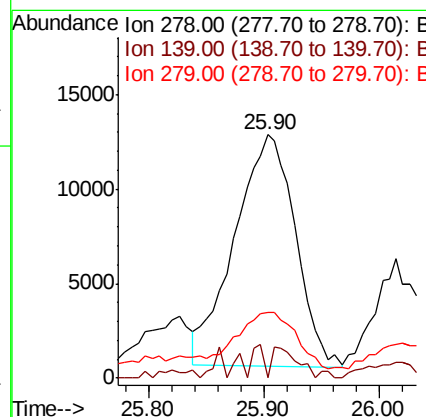
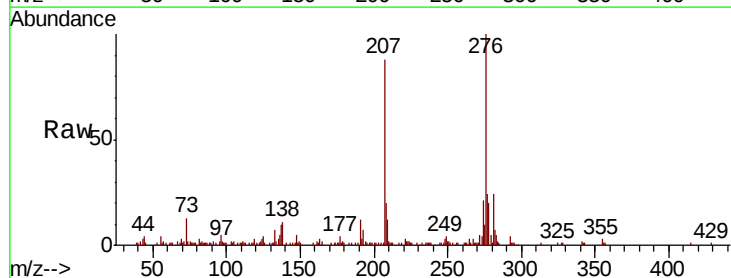
Manual Integrations
APPROVED

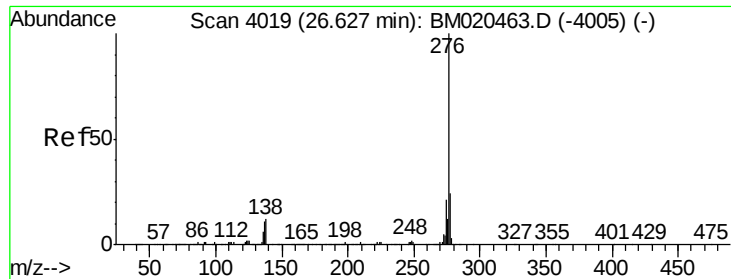
mohammad
5/23/2019 8:43:07 AM



#92
Dibenzo(a,h)anthracene
Concen: 2.314 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.02 min
Lab File: BM020467.D
Acq: 21 May 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	44782		
139	0.0	8.1	12.1#	
279	26.9	18.7	28.1	





#93
 Benzo(a,h,i)perylene
 Concen: 7.593 ng/ul
 RT: 26.61 min Scan# 4017
 Delta R.T. -0.01 min
 Lab File: BM020467.D
 Acq: 21 May 2019 19:31

Instrument :
 BNA_M
 ClientSampleId :
 A4250

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.0	15.0
277	25.0	18.2	27.4

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:07 AM

