

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025683.D
 Acq On : 21 Mar 2020 05:10
 Operator : CG/JU
 Sample : L1972-04DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AH1DL

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:42:27 AM

Quant Time: Mar 22 07:21:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 20 11:44:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	231370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	959522	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	593648	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1218161	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1228176	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1392793	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4212	0.76	ng/uL	0.01
5) Phenol-d5	6.76	99	91519	5.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	53530	5.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	77107	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	72978	4.86	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	36739	5.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	37791	4.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	79048	5.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	83576	4.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	235516	5.22	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	286036	5.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	28849	3.36	ng/ul	0.00
58) Fluorene-d10	15.21	176	207884	5.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	18523	2.49	ng/ul	0.00
71) Anthracene-d10	17.06	188	312298	5.49	ng/ul	0.00
79) Pyrene-d10	19.36	212	331073	5.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	394736	5.54	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	13.93	152	95697	1.635 ng/ul	98
50) Acenaphthene	14.27	153	53682	1.349 ng/ul	96
59) Fluorene	15.27	166	69314	1.460 ng/ul	99
70) Phenanthrene	17.00	178	1605047	22.385 ng/ul	99
72) Anthracene	17.09	178	379148	5.188 ng/ul	100
75) Carbazole	17.36	167	66447	1.040 ng/ul	98
77) Fluoranthene	19.03	202	3317932	39.257 ng/ul	99
80) Pyrene	19.39	202	2869916	34.793 ng/ul	98
83) Benzo(a)anthracene	21.14	228	1423138	17.575 ng/ul	97
85) Chrysene	21.19	228	1361553	17.138 ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	1982094	22.808 ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	583781m	6.819 ng/ul	
91) Benzo(a)pyrene	23.21	252	1373111	17.363 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.43	276	990419	9.483 ng/ul	96
93) Dibenzo(a,h)anthracene	25.43	278	243010	2.748 ng/ul#	82
94) Benzo(g,h,i)perylene	26.08	276	719766	8.362 ng/ul	98

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

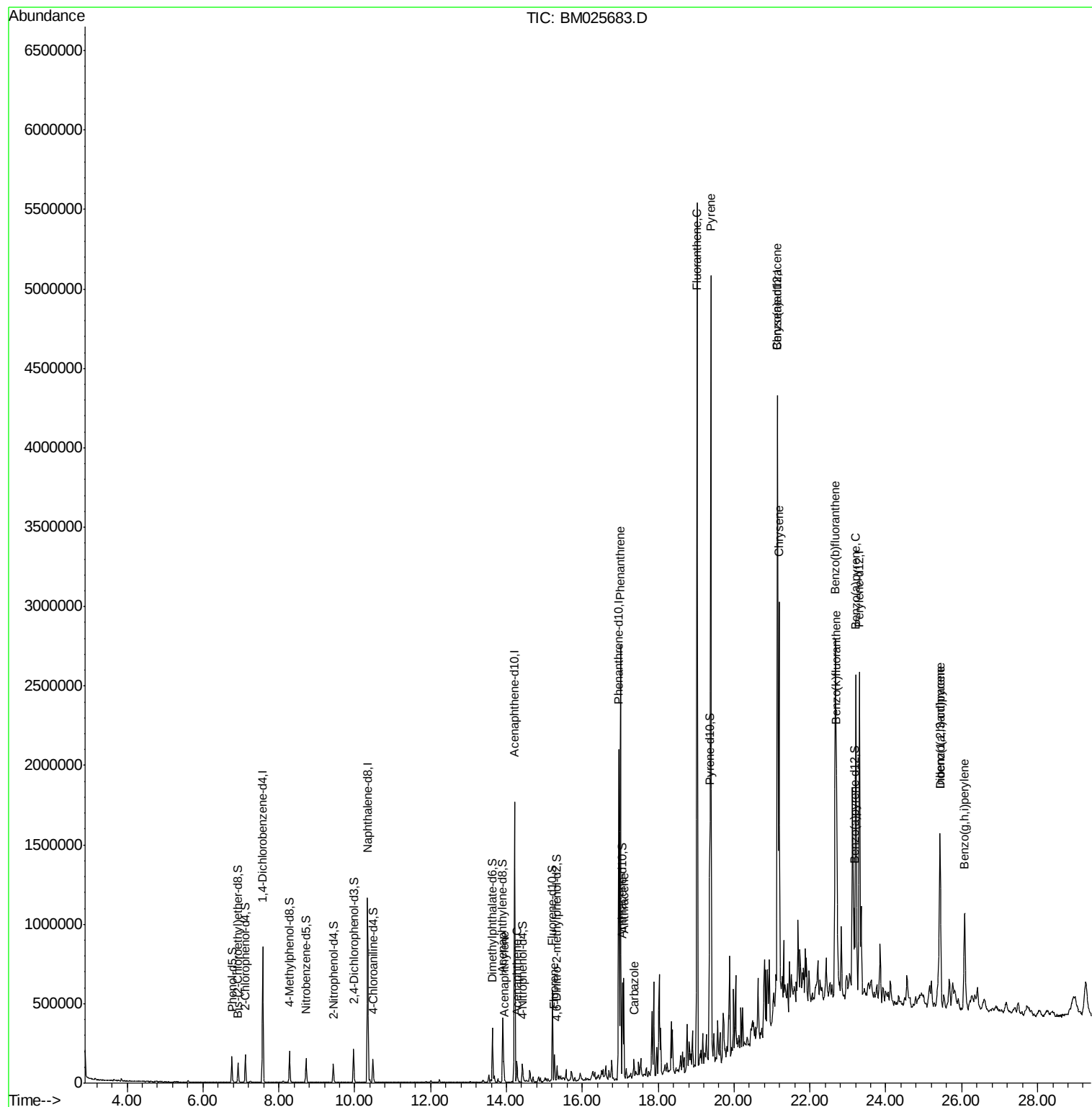
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025683.D
Acq On : 21 Mar 2020 05:10
Operator : CG/JU
Sample : L1972-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

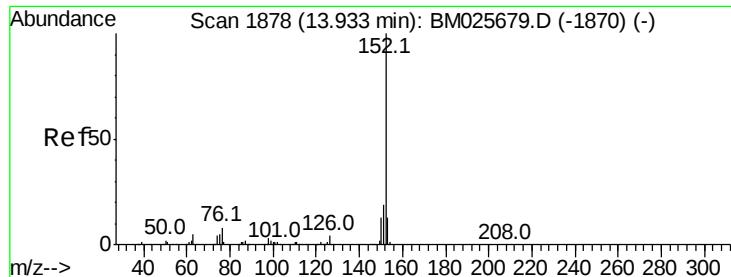
Instrument :
BNA_M
ClientSampleId :
B0AH1DL

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Quant Time: Mar 22 07:21:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
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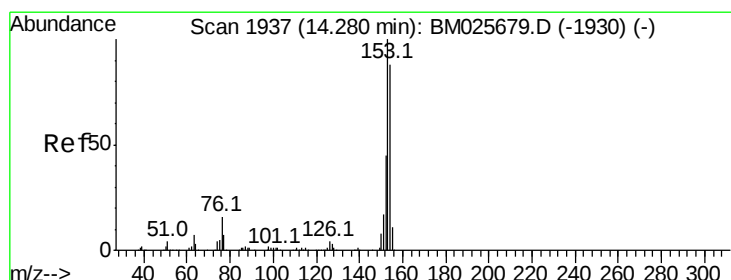
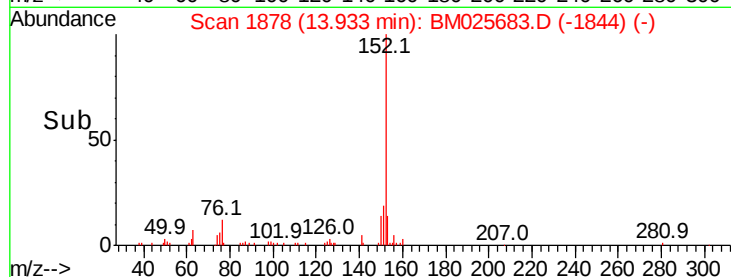
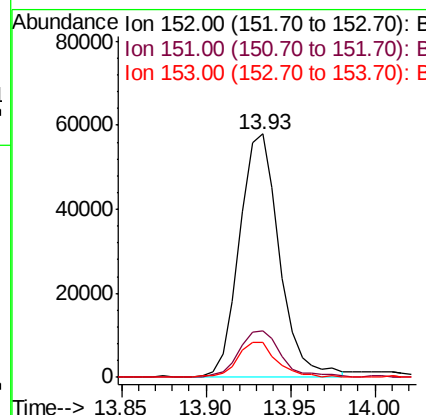
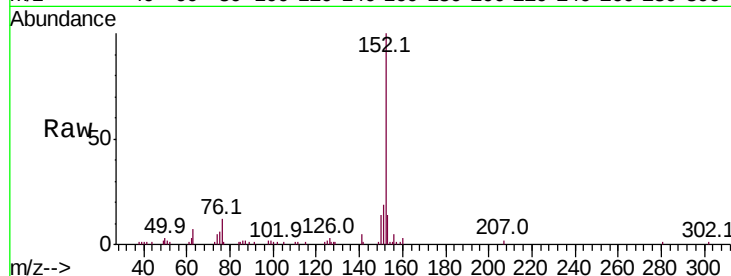
#48
Acenaphthylene
Concen: 1.635 ng/ul
RT: 13.93 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Instrument :
BNA_M
ClientSampleId :
B0AH1DL

Tot Ion:	152	Resp:	95697
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.8	23.6
153	14.2	10.6	16.0

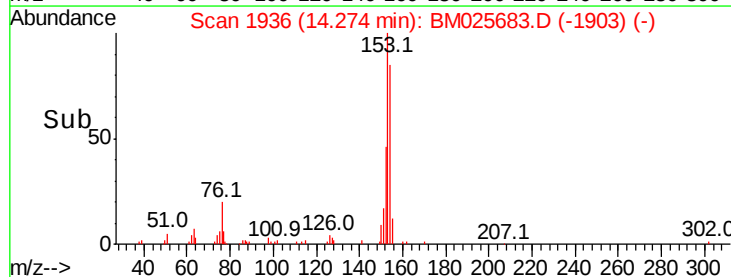
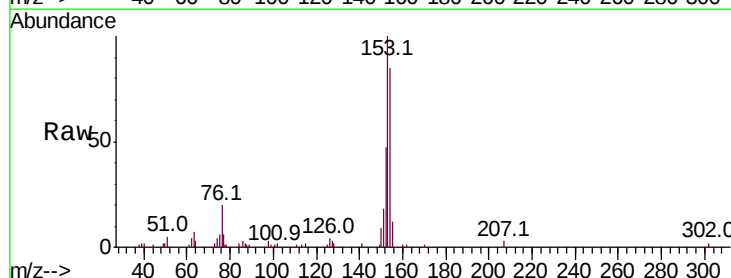
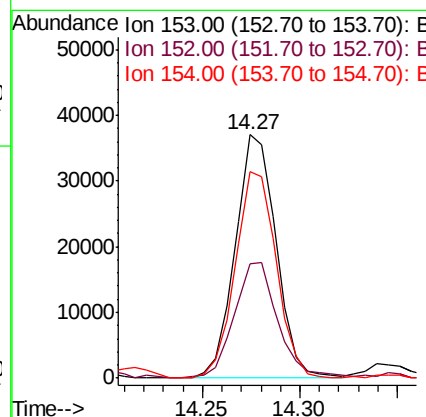
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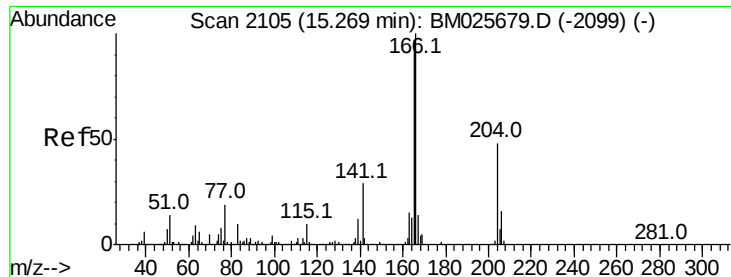
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#50
Acenaphthene
Concen: 1.349 ng/ul
RT: 14.27 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Tgt Ion:	153	Resp:	53682
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.6	56.4
154	85.0	72.2	108.2





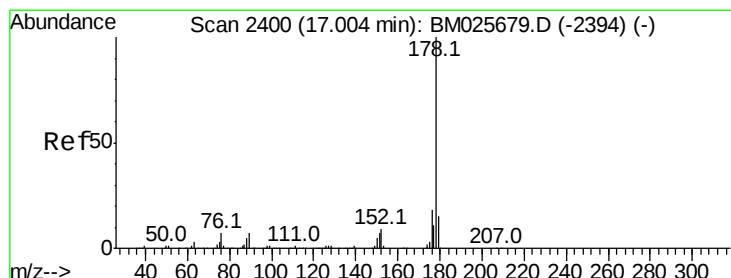
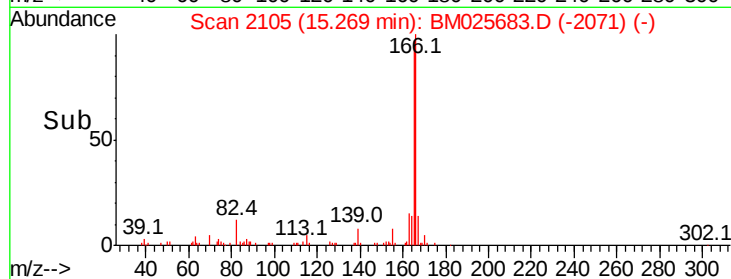
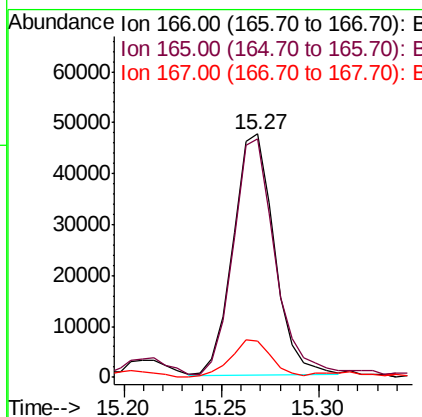
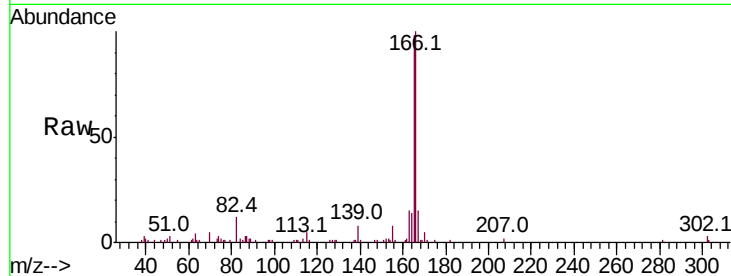
#59
Fluorene
Concen: 1.460 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Instrument :
BNA_M
ClientSampleId :
B0AH1DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.2	115.8
167	15.2	11.2	16.8

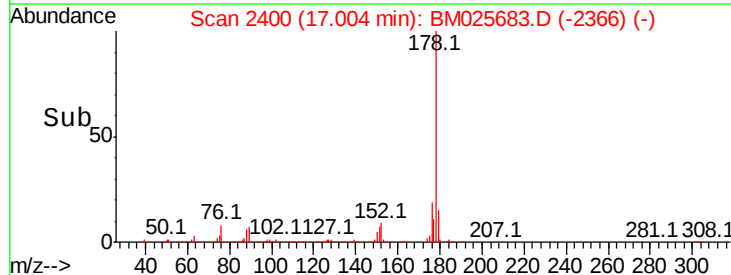
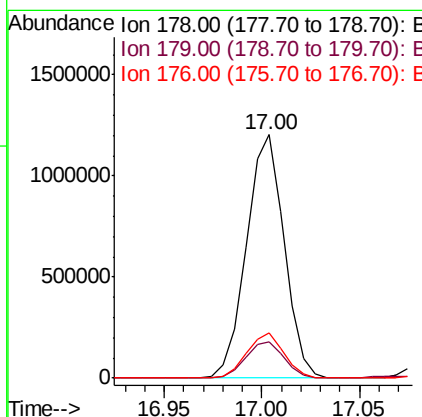
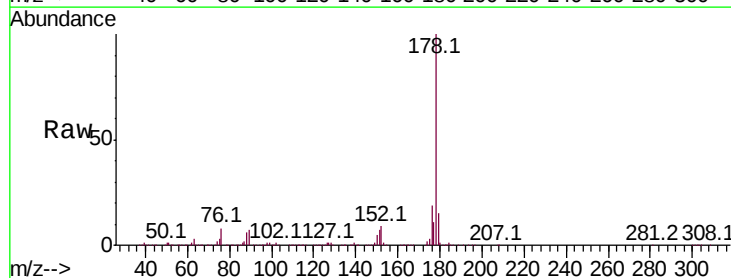
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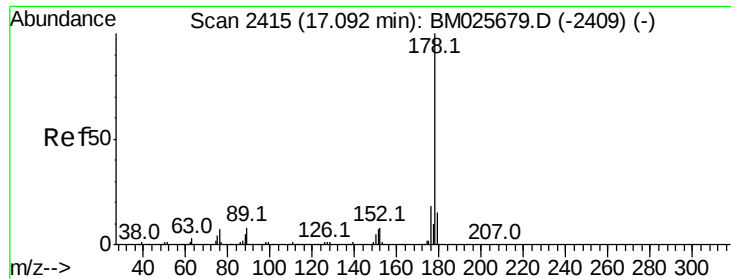
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#70
Phenanthrene
Concen: 22.385 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.6	15.3	22.9





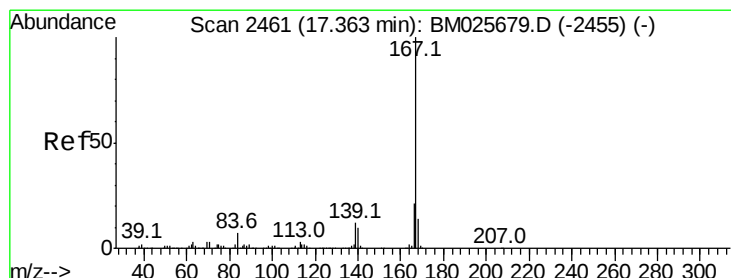
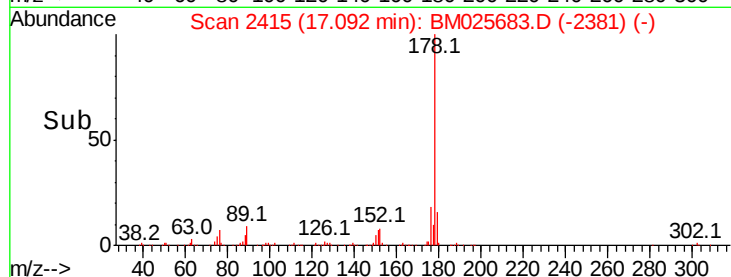
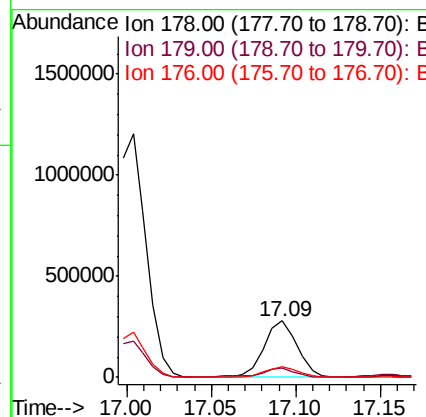
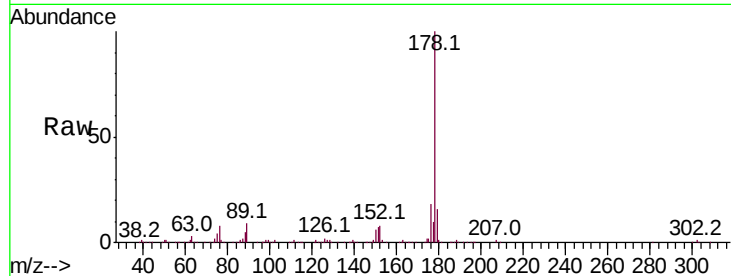
#72
 Anthracene
 Concen: 5.188 ng/ul
 RT: 17.09 min Scan# 2415
 Delta R.T. -0.00 min
 Lab File: BM025683.D
 Acq: 21 Mar 2020 05:10

Instrument :
 BNA_M
 ClientSampleId :
 B0AH1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.1	14.5	21.7

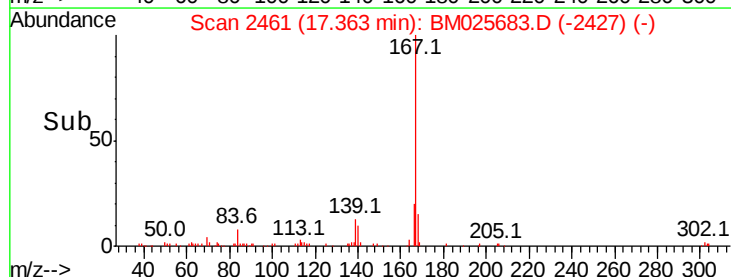
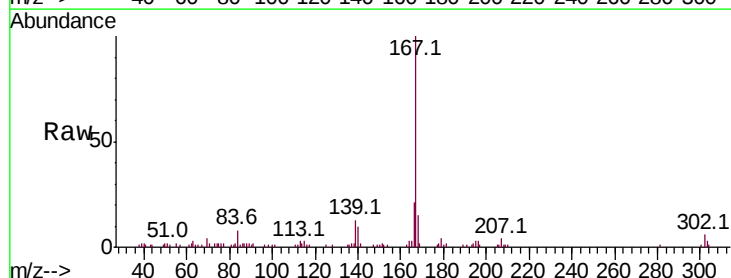
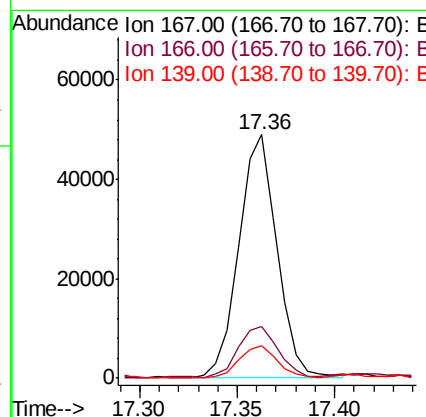
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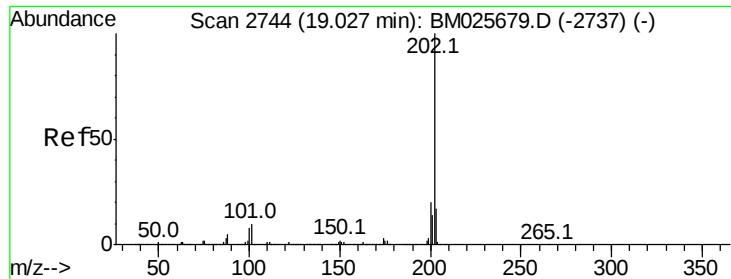
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#75
 Carbazole
 Concen: 1.040 ng/ul
 RT: 17.36 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: BM025683.D
 Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.7	25.1
139	13.4	9.8	14.8





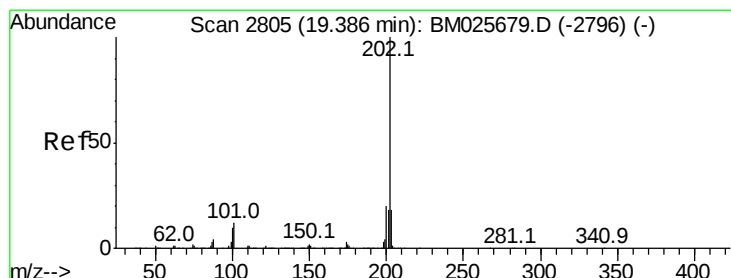
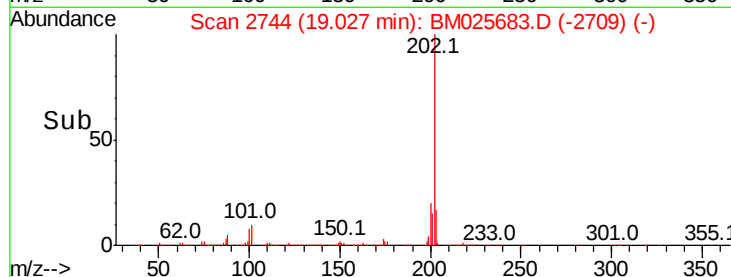
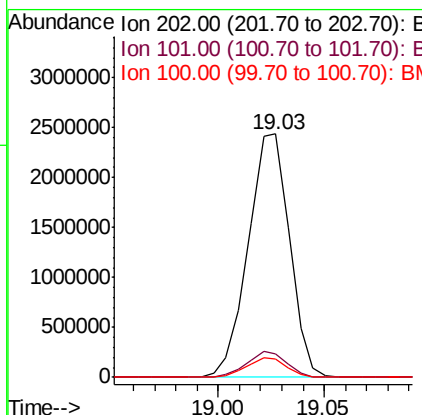
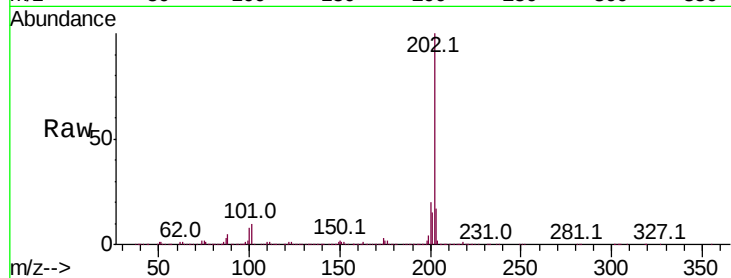
#77
 Fluoranthene
 Concen: 39.257 ng/ul
 RT: 19.03 min Scan# 2744
 Delta R.T. 0.01 min
 Lab File: BM025683.D
 Acq: 21 Mar 2020 05:10

Instrument :
 BNA_M
 ClientSampleId :
 B0AH1DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.4
100	7.7	6.5	9.7

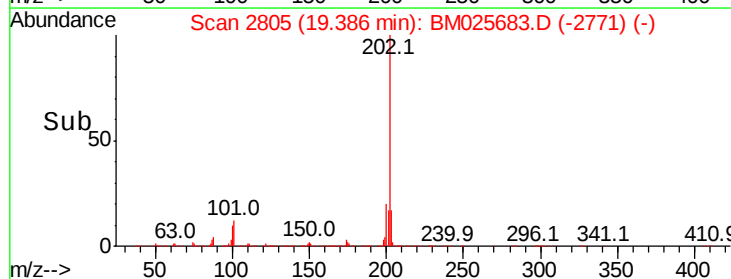
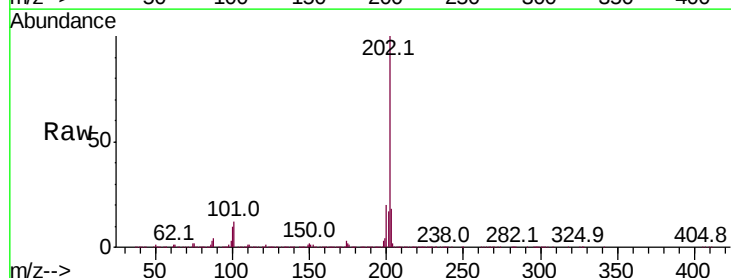
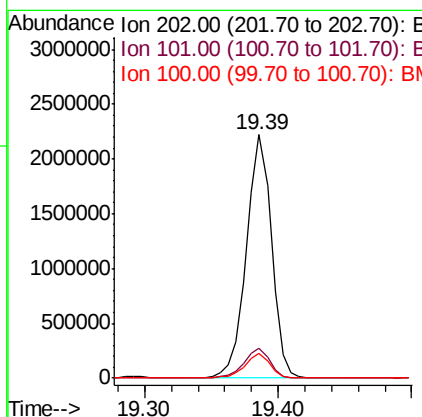
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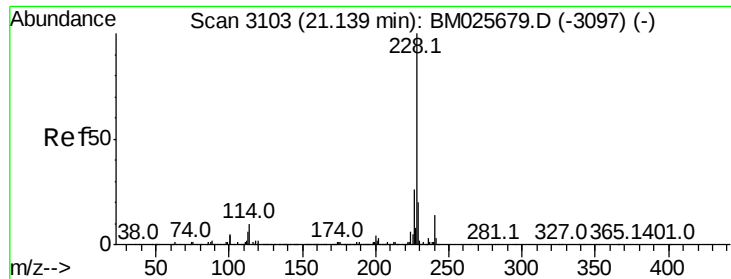
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#80
 Pyrene
 Concen: 34.793 ng/ul
 RT: 19.39 min Scan# 2805
 Delta R.T. -0.00 min
 Lab File: BM025683.D
 Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.0	7.5	11.3





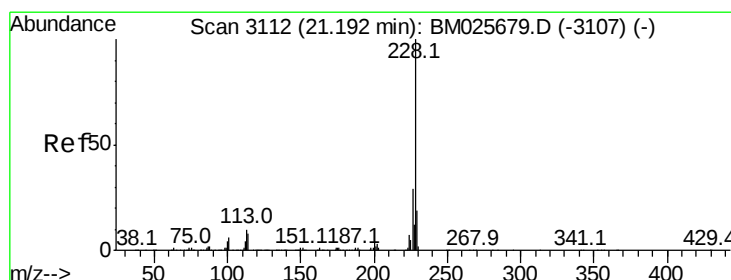
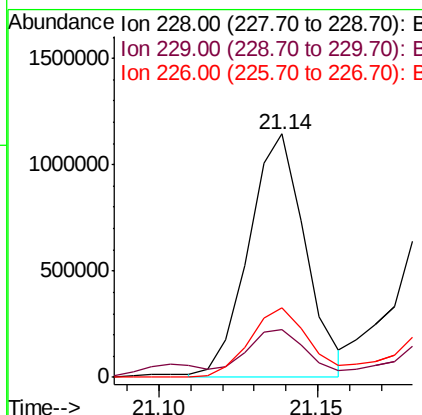
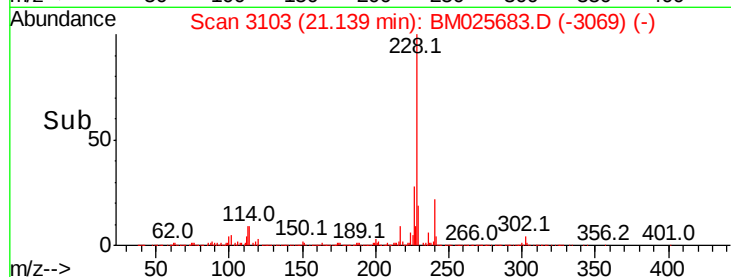
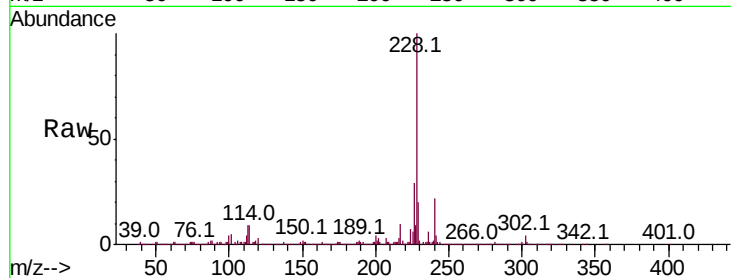
#83
Benzo(a)anthracene
Concen: 17.575 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Instrument :
BNA_M
ClientSampleId :
B0AH1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	28.6	21.0	31.6

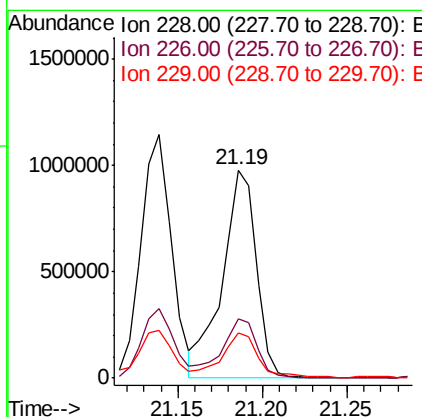
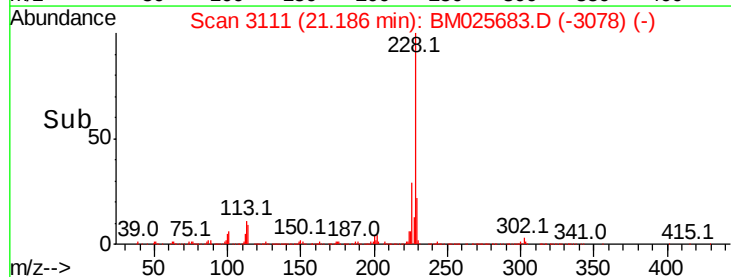
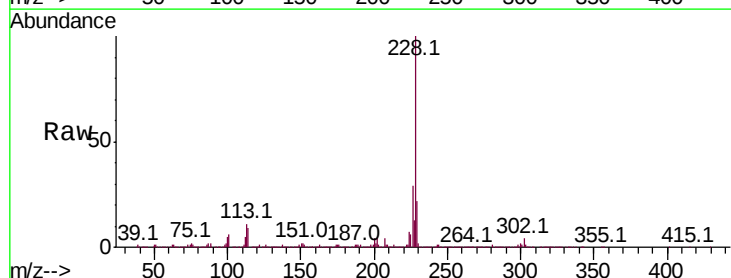
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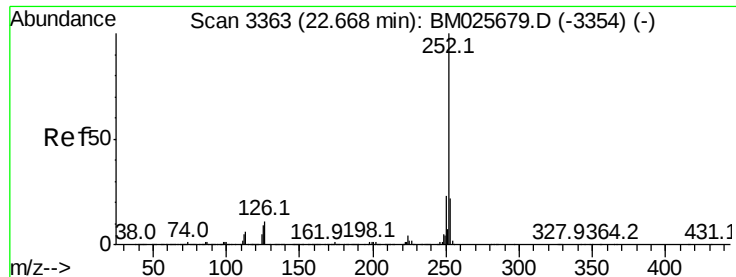
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#85
Chrysene
Concen: 17.138 ng/ul
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	21.9	15.6	23.4





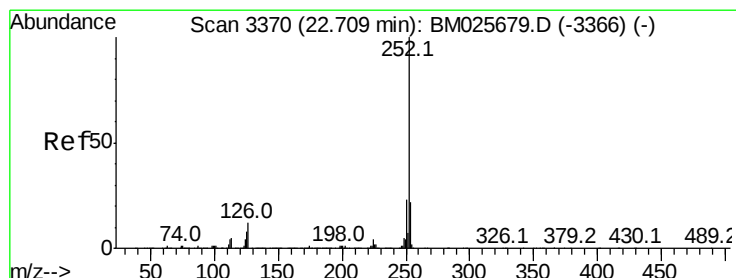
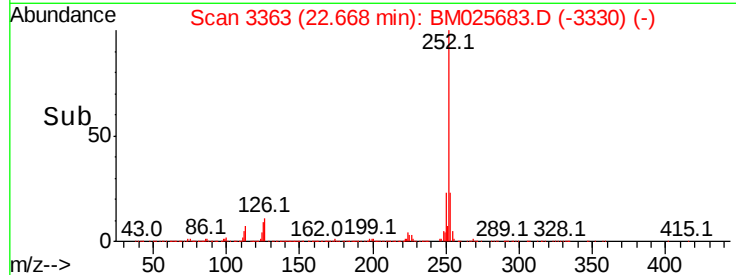
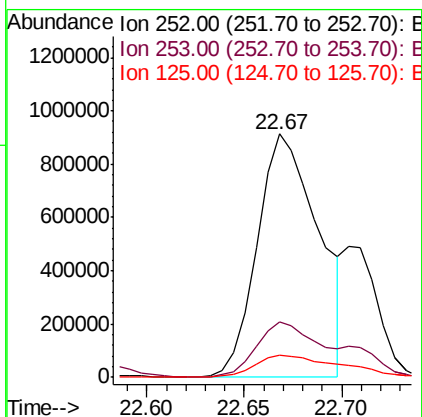
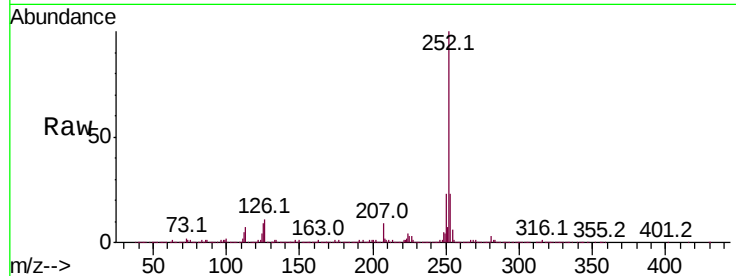
#88
Benzo(b)fluoranthene
Concen: 22.808 ng/ul
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Instrument :
BNA_M
ClientSampleID :
B0AH1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.2	6.7	10.1

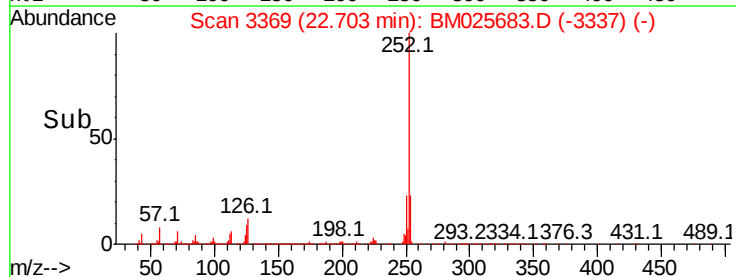
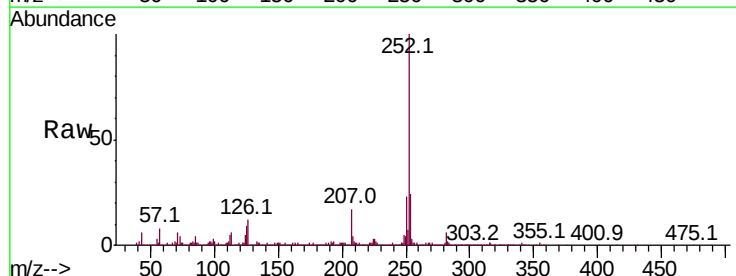
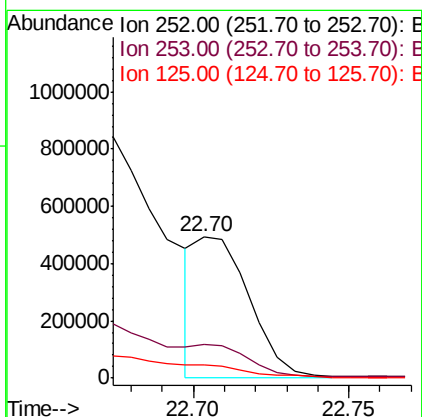
Manual Integrations
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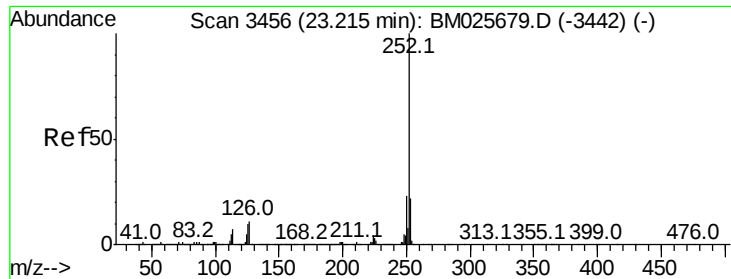
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#89
Benzo(k)fluoranthene
Concen: 6.819 ng/ul m
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.4	6.9	10.3





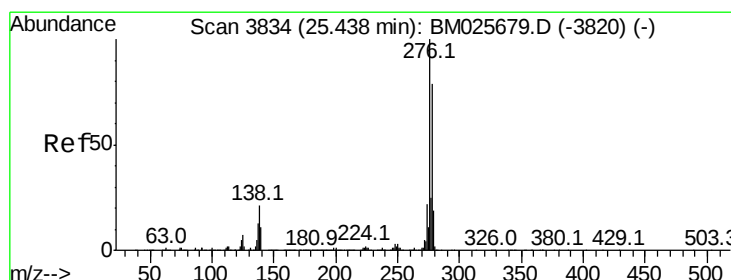
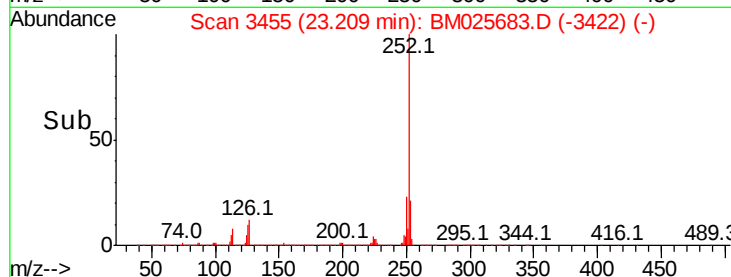
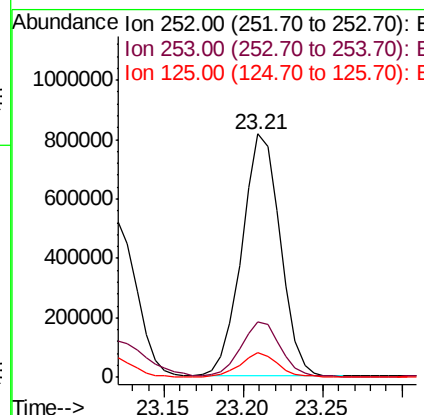
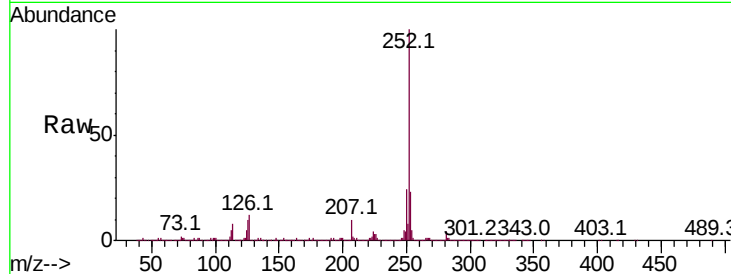
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Benzo(a)pyrene
Concen: 17.363 ng/u1
RT: 23.21 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Instrument :
BNA_M
ClientSampleId :
B0AH1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.1	7.1	10.7

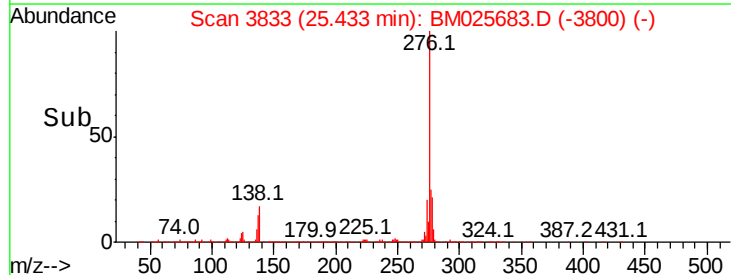
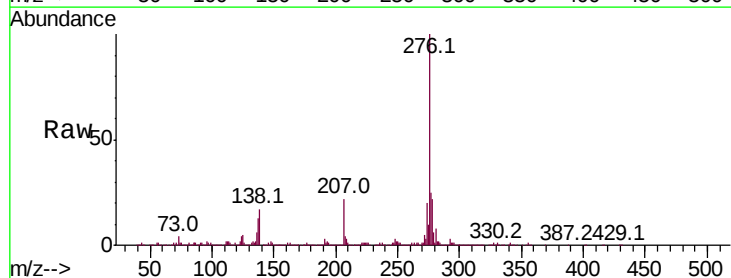
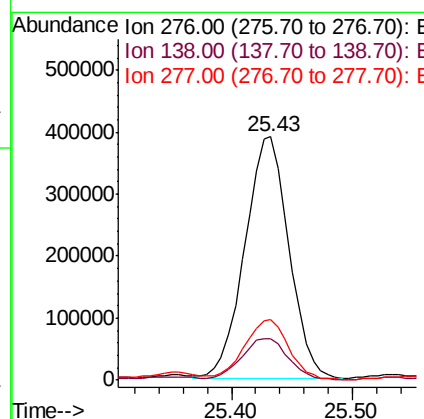
Manual Integrations
APPROVED

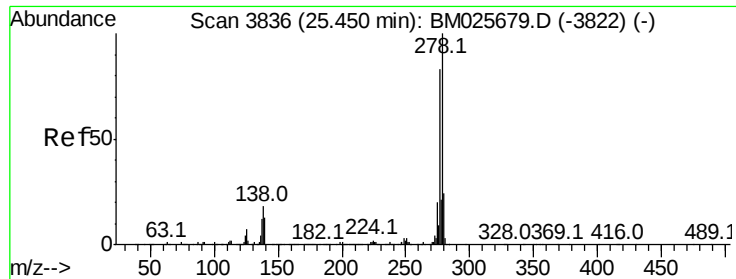
mohammad
3/23/2020 9:42:27 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 9.483 ng/u1
RT: 25.43 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM025683.D
Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	16.5	24.7
277	24.7	19.7	29.5





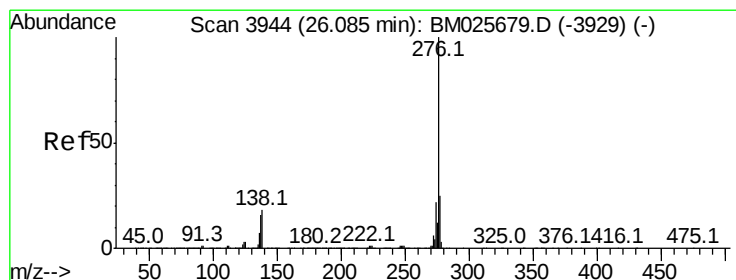
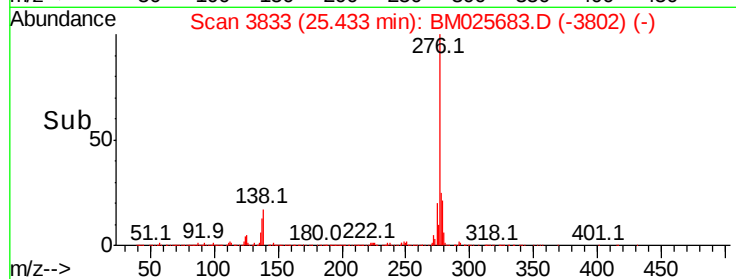
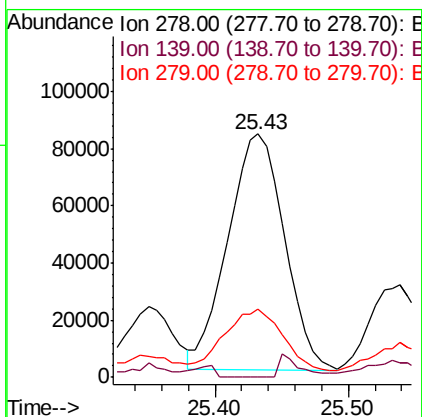
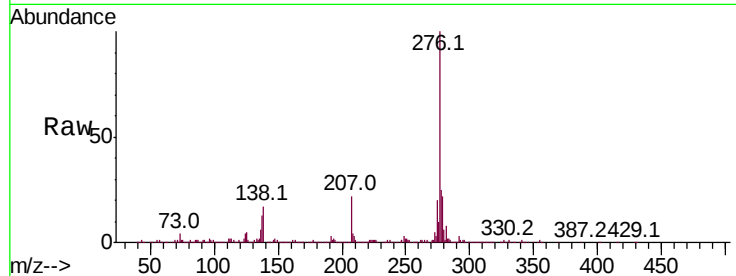
#93
 Dibenzo(a,h)anthracene
 Concen: 2.748 ng/ul
 RT: 25.43 min Scan# 3833
 Delta R.T. -0.02 min
 Lab File: BM025683.D
 Acq: 21 Mar 2020 05:10

Instrument :
 BNA_M
 ClientSampleId :
 B0AH1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	27.8	18.6	28.0

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:42:27 AM



#94
 Benzo(g,h,i)perylene
 Concen: 8.362 ng/ul
 RT: 26.08 min Scan# 3943
 Delta R.T. -0.01 min
 Lab File: BM025683.D
 Acq: 21 Mar 2020 05:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.2	19.8
277	24.6	19.0	28.4

