

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025670.D
 Acq On : 20 Mar 2020 20:41
 Operator : CG/JU
 Sample : L1972-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AH2

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:42:00 AM

Quant Time: Mar 20 23:30:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 20 23:10:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	174508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	736207	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	451605	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	941261	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	941068	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1141700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	19489	4.69	ng/uL	0.00
5) Phenol-d5	6.76	99	387355	28.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	231988	29.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	331869	29.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	299981	26.51	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	166722	30.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	177172	30.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	326757	27.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	390019	28.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	994226	28.97	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1224975	29.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	148187	22.68	ng/ul	0.00
58) Fluorene-d10	15.22	176	884262	29.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	113647	19.79	ng/ul	0.00
71) Anthracene-d10	17.06	188	1309575	29.79	ng/ul	0.00
79) Pyrene-d10	19.36	212	1482339	32.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1882867	32.21	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.68	163	96082	2.689	ng/ul 98
48) Acenaphthylene	13.93	152	90154	2.024	ng/ul 98
70) Phenanthrene	17.00	178	312977	5.649	ng/ul 99
72) Anthracene	17.09	178	95172	1.686	ng/ul 99
77) Fluoranthene	19.02	202	1007803	15.432	ng/ul 100
80) Pyrene	19.39	202	935757	14.806	ng/ul 99
83) Benzo(a)anthracene	21.14	228	585493	9.437	ng/ul 93
85) Chrysene	21.19	228	573543	9.422	ng/ul 97
88) Benzo(b)fluoranthene	22.67	252	999662	14.033	ng/ul 97
89) Benzo(k)fluoranthene	22.71	252	251355m	3.582	ng/ul
91) Benzo(a)pyrene	23.21	252	686416	10.588	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.43	276	518295	6.054	ng/ul 97
93) Dibenzo(a,h)anthracene	25.43	278	129010	1.780	ng/ul# 93
94) Benzo(g,h,i)perylene	26.08	276	371316	5.262	ng/ul 98

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

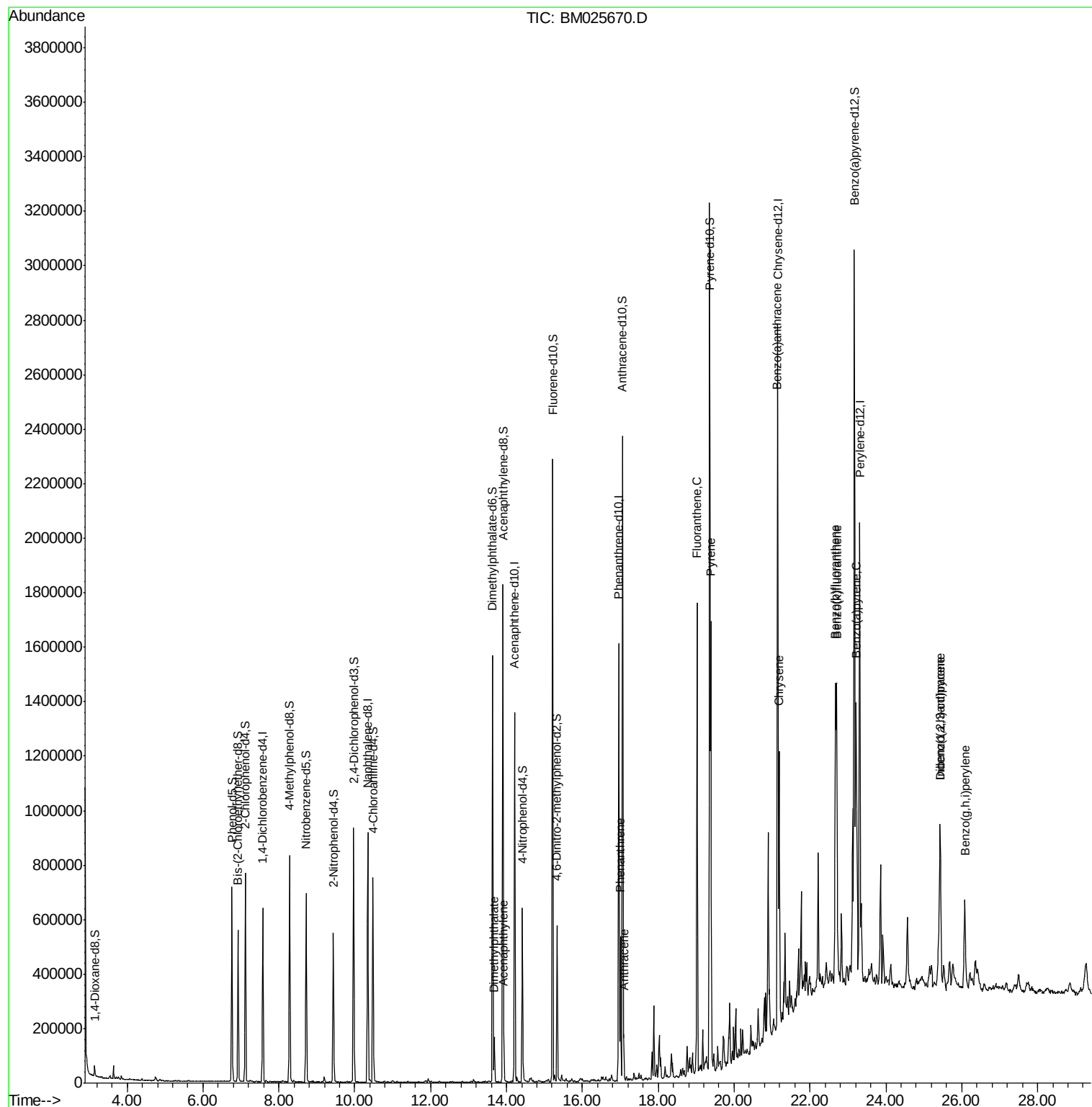
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025670.D
Acq On : 20 Mar 2020 20:41
Operator : CG/JU
Sample : L1972-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

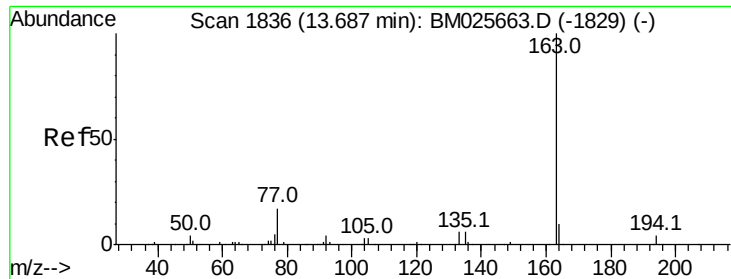
Instrument :
BNA_M
ClientSampleId :
B0AH2

Quant Time: Mar 20 23:30:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 23:10:07 2020
Response via : Initial Calibration

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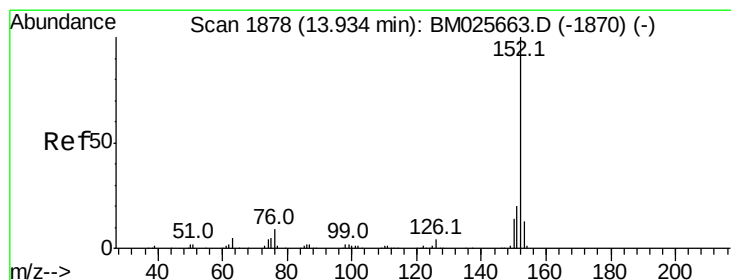
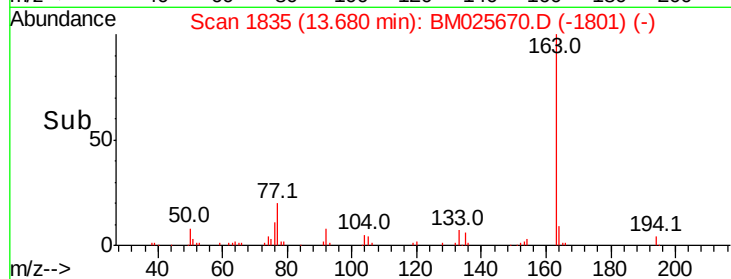
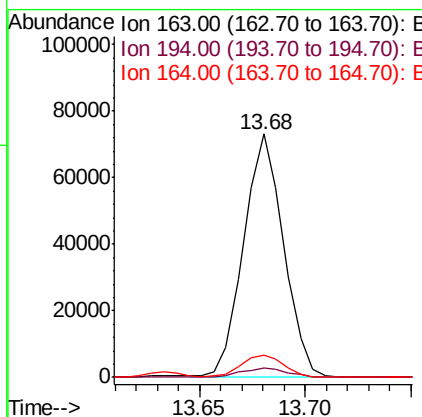
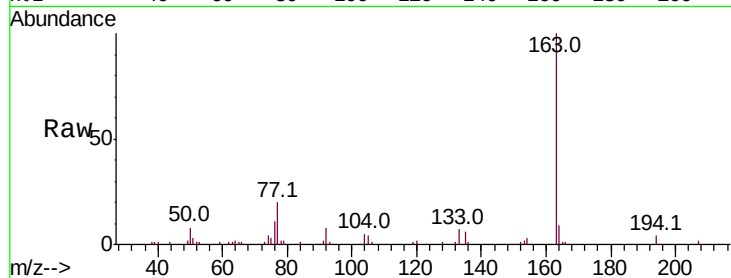
#45
Dimethylphthalate
Concen: 2.689 ng/ul
RT: 13.68 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Instrument :
BNA_M
ClientSampleId :
B0AH2

Tot Ion:	163	Resp:	96082
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.2	8.2	12.4

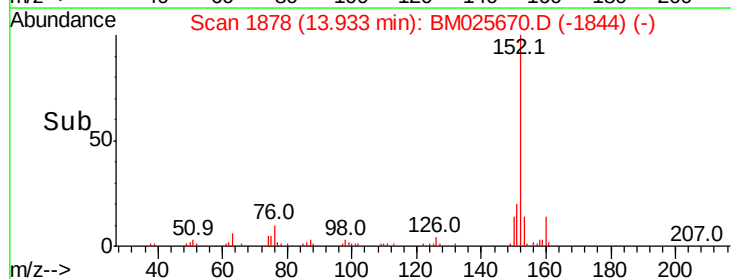
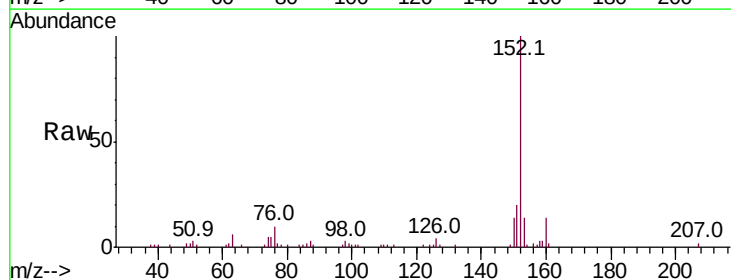
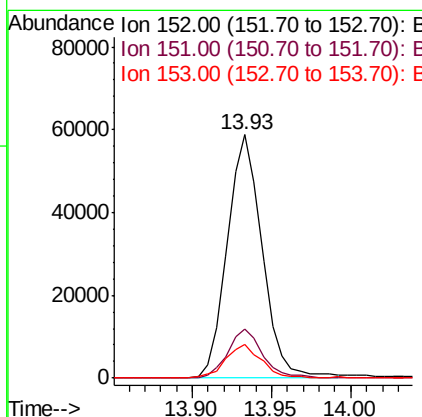
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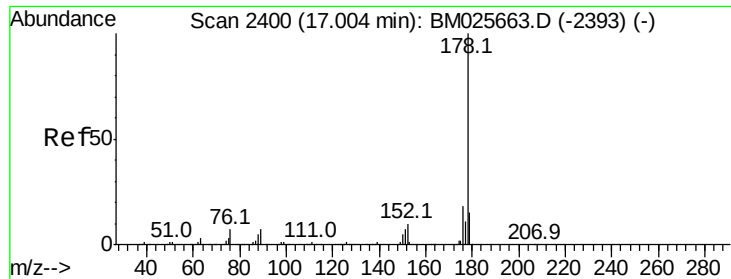
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#48
Acenaphthylene
Concen: 2.024 ng/ul
RT: 13.93 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Tgt Ion:	152	Resp:	90154
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	14.0	10.6	16.0





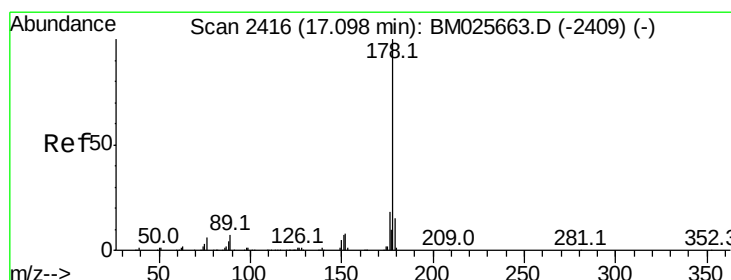
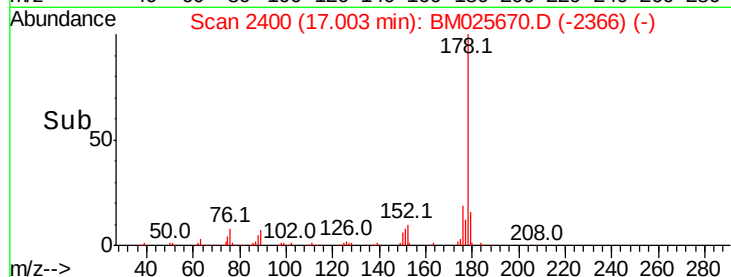
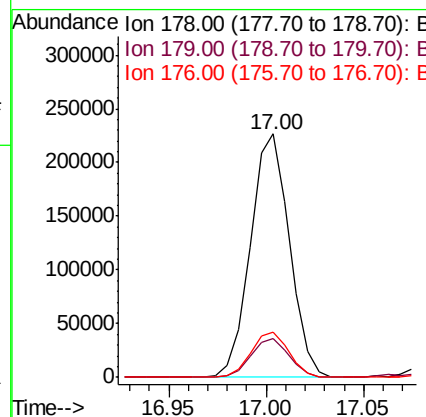
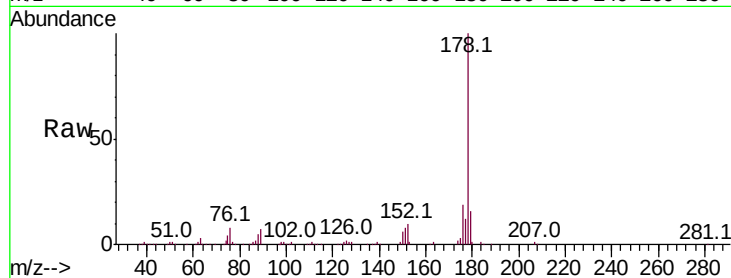
#70
Phenanthrene
Concen: 5.649 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Instrument :
BNA_M
ClientSampleId :
B0AH2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.8	15.3	22.9

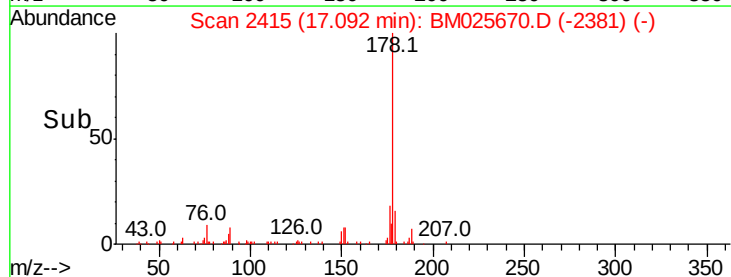
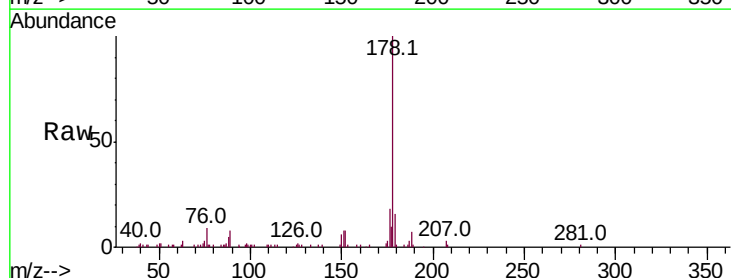
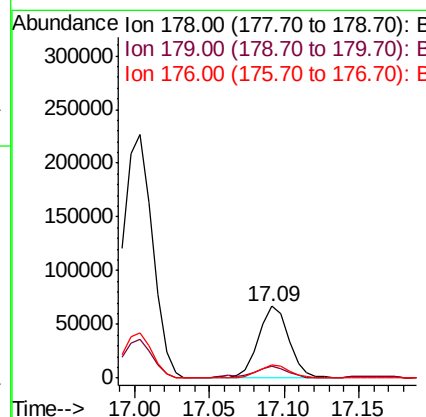
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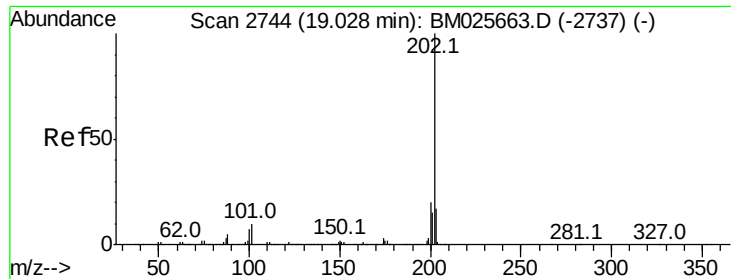
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#72
Anthracene
Concen: 1.686 ng/ul
RT: 17.09 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	17.8	14.5	21.7





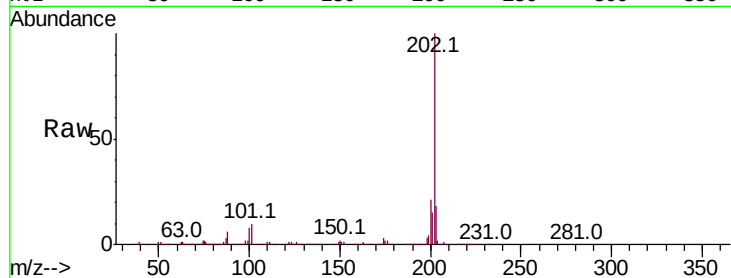
#77
 Fluoranthene
 Concen: 15.432 ng/ul
 RT: 19.02 min Scan# 2743
 Delta R.T. -0.00 min
 Lab File: BM025670.D
 Acq: 20 Mar 2020 20:41

Instrument :
 BNA_M
 ClientSampleId :
 B0AH2

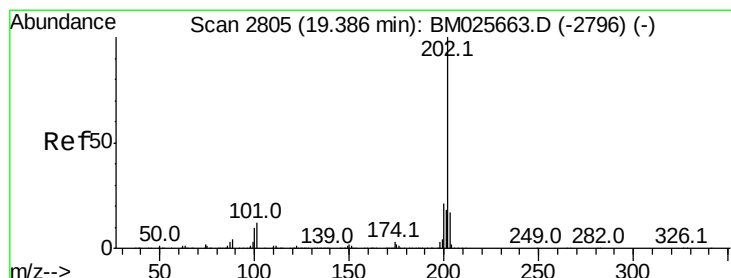
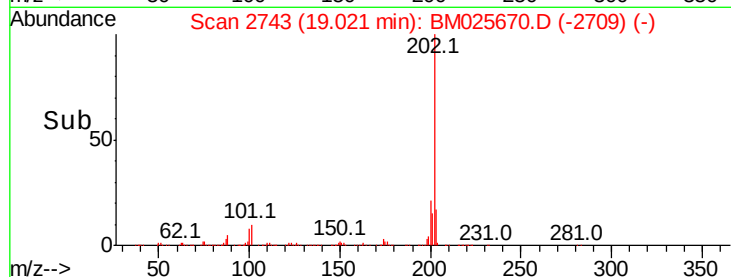
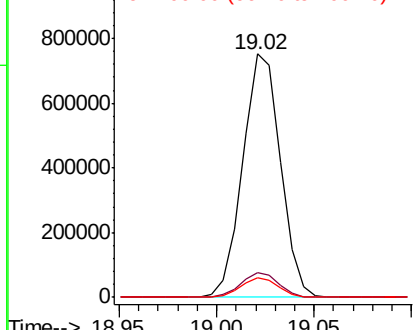
Tot Ion:	202	Resp:	1007803
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	8.3	6.5	9.7

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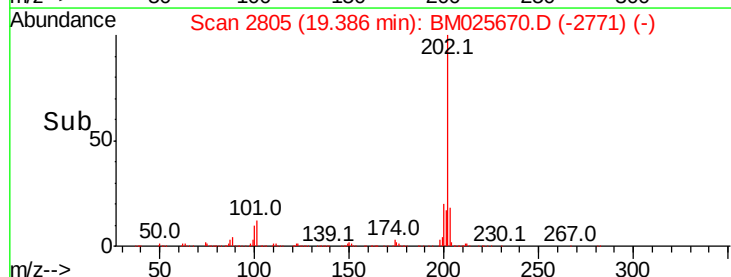
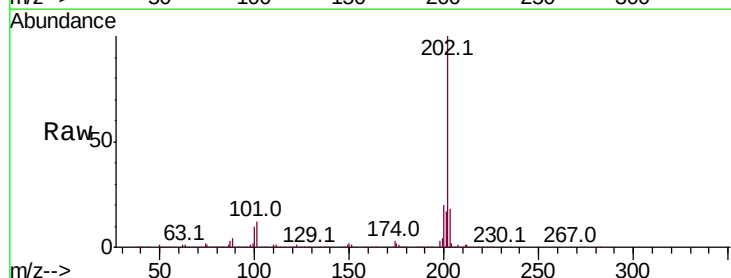
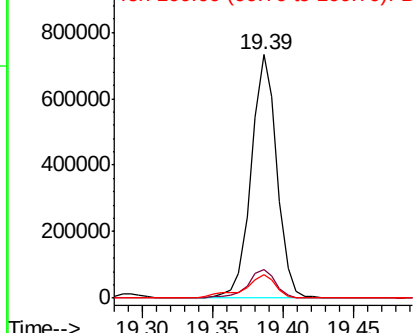
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 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

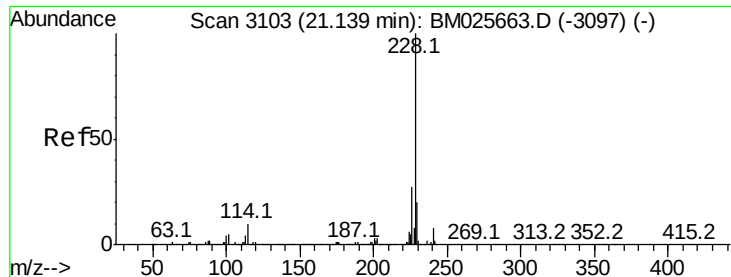


#80
 Pyrene
 Concen: 14.806 ng/ul
 RT: 19.39 min Scan# 2805
 Delta R.T. -0.00 min
 Lab File: BM025670.D
 Acq: 20 Mar 2020 20:41

Tgt Ion:	202	Resp:	935757
Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	9.5	7.5	11.3

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





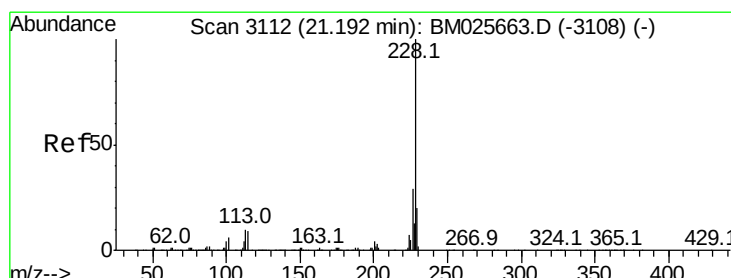
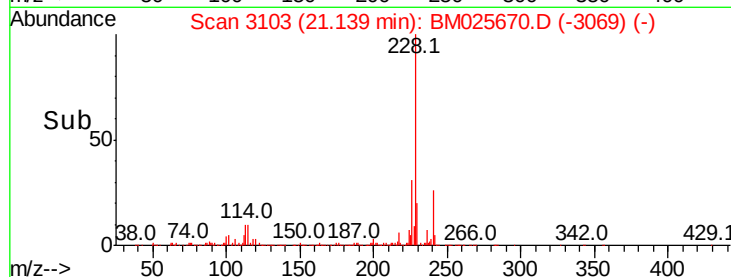
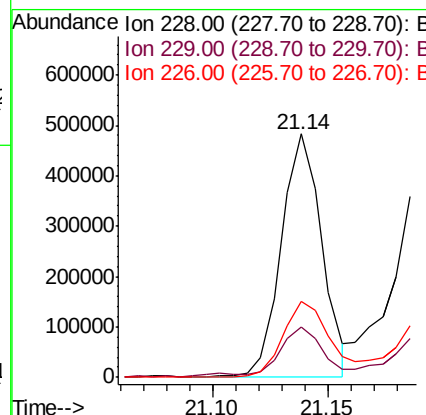
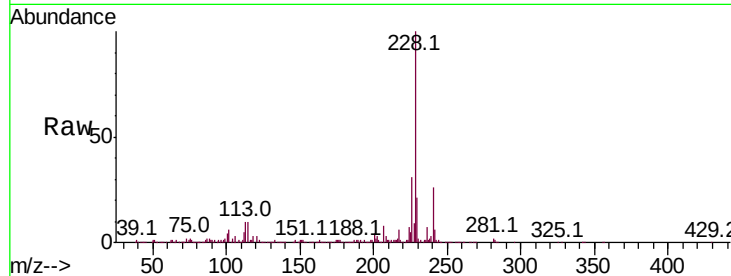
#83
Benzo(a)anthracene
Concen: 9.437 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Instrument :
BNA_M
ClientSampleId :
B0AH2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	31.3	21.0	31.6

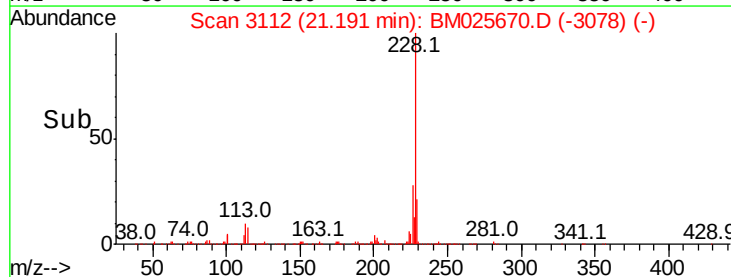
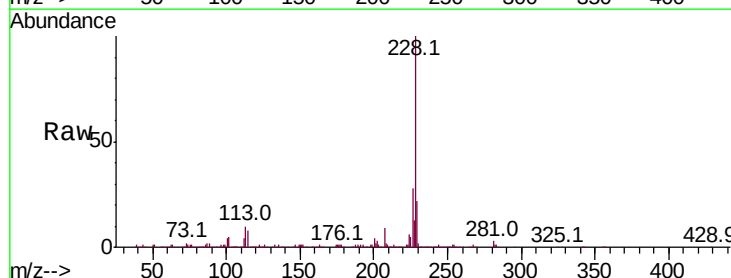
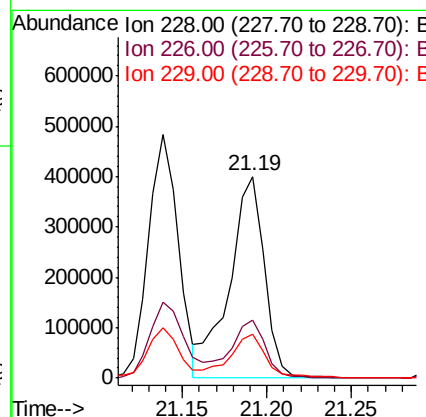
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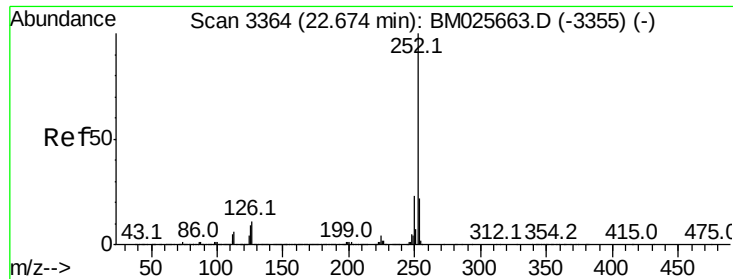
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#85
Chrysene
Concen: 9.422 ng/ul
RT: 21.19 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.0
229	21.5	15.6	23.4





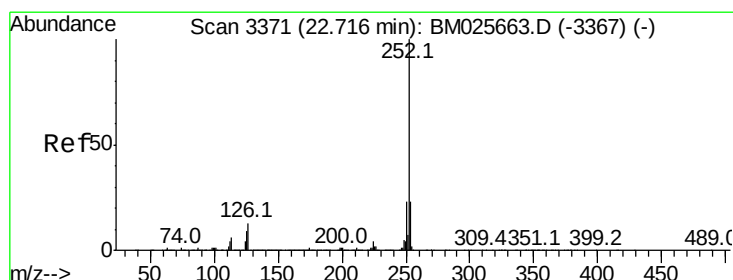
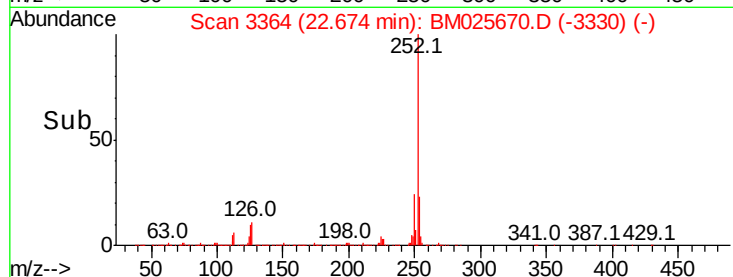
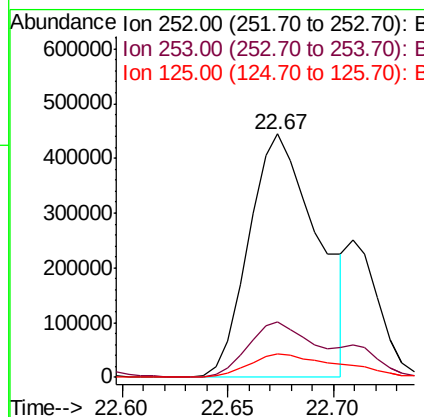
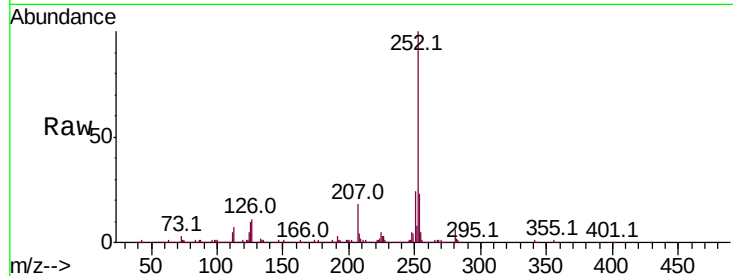
#88
Benzo(b)fluoranthene
Concen: 14.033 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Instrument :
BNA_M
ClientSampleId :
B0AH2

Tot Ion	Ratio	Resp	Lower	Upper
252	100	999662		
253	22.9		17.5	26.3
125	9.8		6.7	10.1

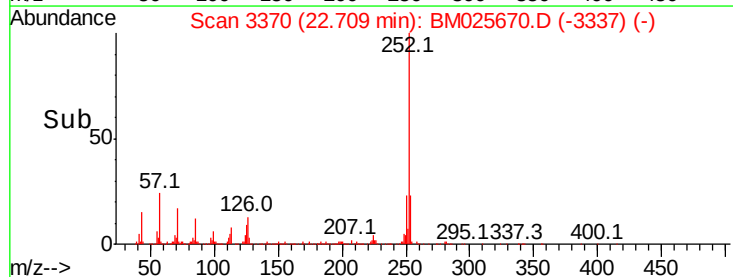
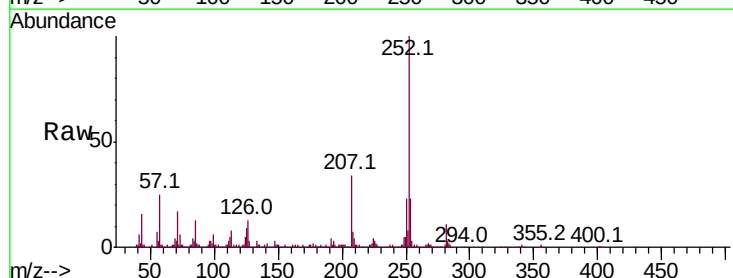
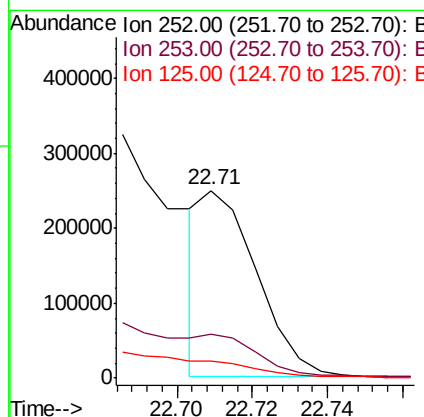
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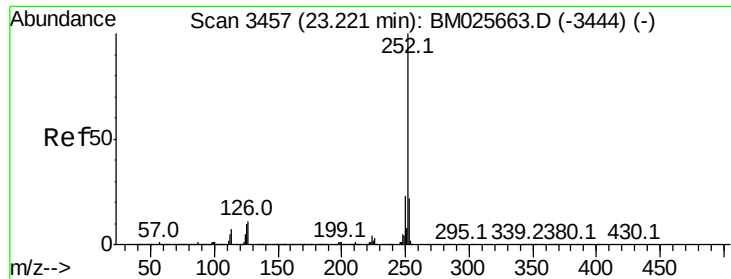
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#89
Benzo(k)fluoranthene
Concen: 3.582 ng/ul m
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	251355		
253	23.4		17.7	26.5
125	9.0		6.9	10.3





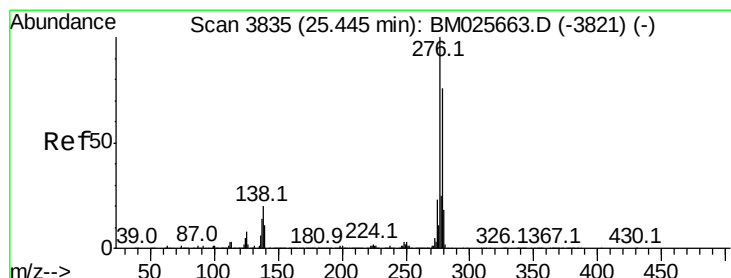
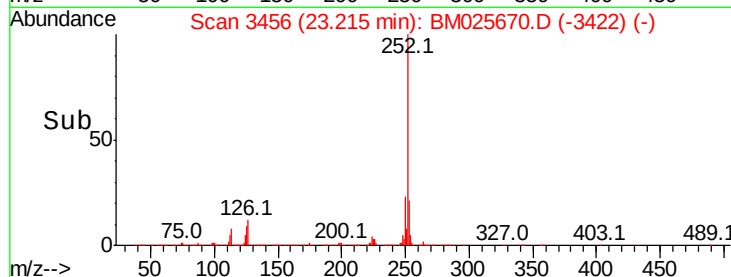
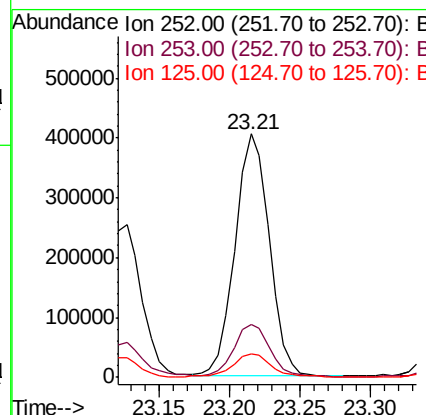
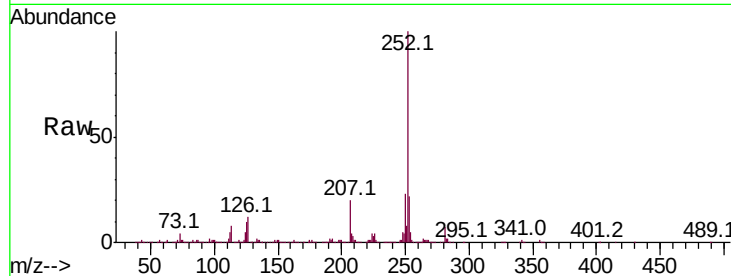
#91
Benzo(a)pyrene
Concen: 10.588 ng/ul
RT: 23.21 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Instrument :
BNA_M
ClientSampleId :
B0AH2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.6	7.1	10.7

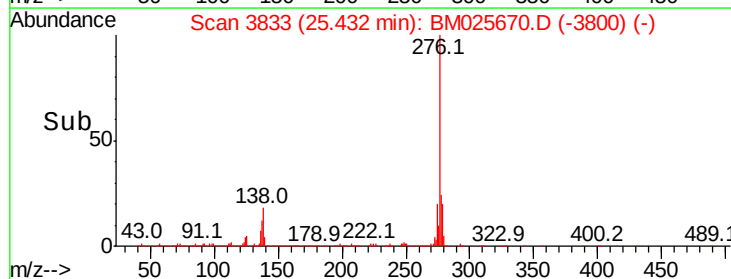
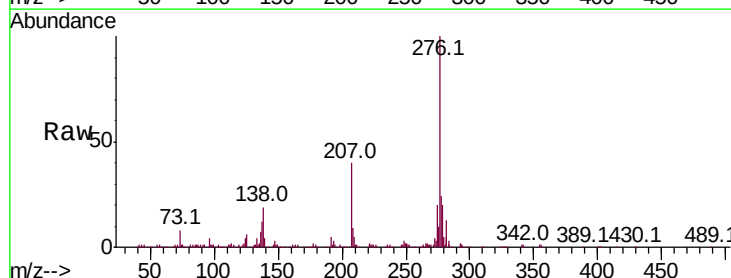
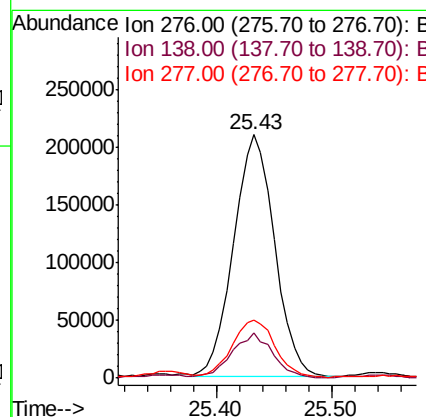
Manual Integrations
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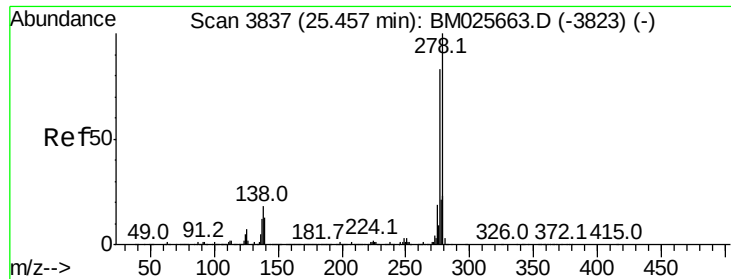
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3/23/2020 9:42:00 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.054 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.5	24.7
277	24.0	19.7	29.5





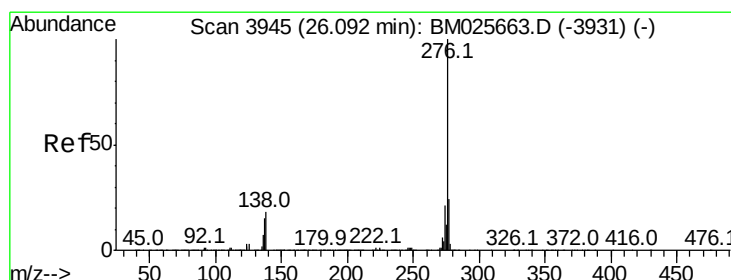
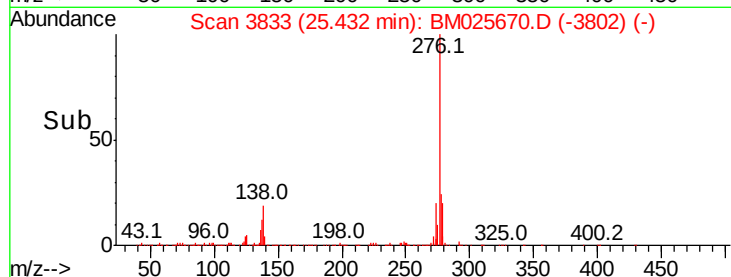
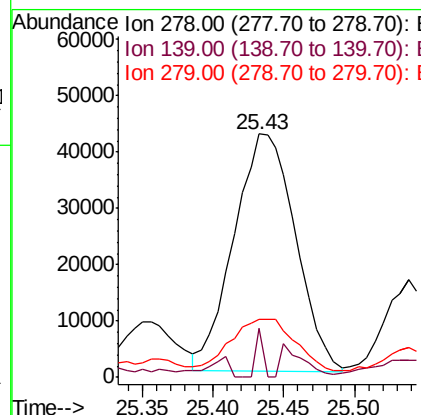
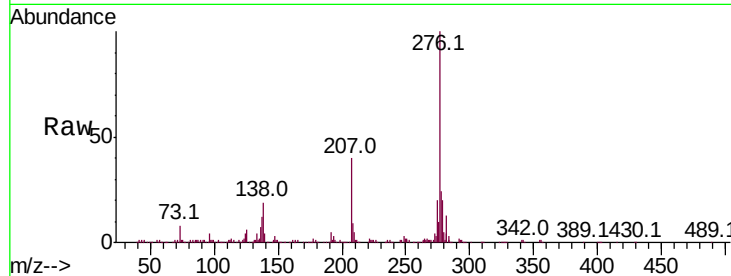
#93
Dibenzo(a,h)anthracene
Concen: 1.780 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Instrument :
BNA_M
ClientSampled :
B0AH2

Tot Ion:	278	Resp:	129010
Ion Ratio	Lower	Upper	
278	100		
139	20.3	10.4	15.6#
279	23.7	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/23/2020 9:42:00 AM



#94
Benzo(g,h,i)perylene
Concen: 5.262 ng/ul
RT: 26.08 min Scan# 3943
Delta R.T. -0.01 min
Lab File: BM025670.D
Acq: 20 Mar 2020 20:41

Tgt Ion:	276	Resp:	371316
Ion Ratio	Lower	Upper	
276	100		
138	17.7	13.2	19.8
277	24.7	19.0	28.4

