

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024758.D
 Acq On : 07 Feb 2020 12:31
 Operator : CG/JU
 Sample : L1399-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F5

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:32 AM

Quant Time: Feb 07 16:12:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	308153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1198096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	788367	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1653950	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1450339	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1623464	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25266	3.94	ng/uL	0.00
5) Phenol-d5	6.60	99	443401	21.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	284341	24.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	422603	23.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	389888	22.57	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	214476	24.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	255294	24.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	448583	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	528641	27.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1476847	24.82	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1615157	23.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	195946	20.26	ng/ul	0.00
58) Fluorene-d10	15.06	176	1221408	23.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	220361	20.44	ng/ul	0.00
71) Anthracene-d10	16.92	188	1758234	23.29	ng/ul	0.00
79) Pyrene-d10	19.22	212	1880172	25.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1842164	22.59	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.22	128	73215	1.196 ng/ul	99
45) Dimethylphthalate	13.53	163	71731	1.155 ng/ul	98
50) Acenaphthene	14.13	153	54869	1.129 ng/ul	96
59) Fluorene	15.12	166	63257	1.059 ng/ul#	93
70) Phenanthrene	16.86	178	1157902	12.840 ng/ul	99
72) Anthracene	16.95	178	242310	2.649 ng/ul	99
75) Carbazole	17.22	167	91983	1.207 ng/ul	98
77) Fluoranthene	18.89	202	2063629	18.641 ng/ul	100
80) Pvrene	19.25	202	1745391	18.181 ng/ul	99
83) Benzo(a)anthracene	21.02	228	1032938	10.573 ng/ul	97
85) Chrysene	21.07	228	1016644	10.570 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1316259	12.750 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	513671m	5.170 ng/ul	
91) Benzo(a)pyrene	23.04	252	840726	9.084 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	648261	5.626 ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	190997	1.946 ng/ul#	95
94) Benzo(g,h,i)perylene	25.81	276	522288	5.450 ng/ul	99

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

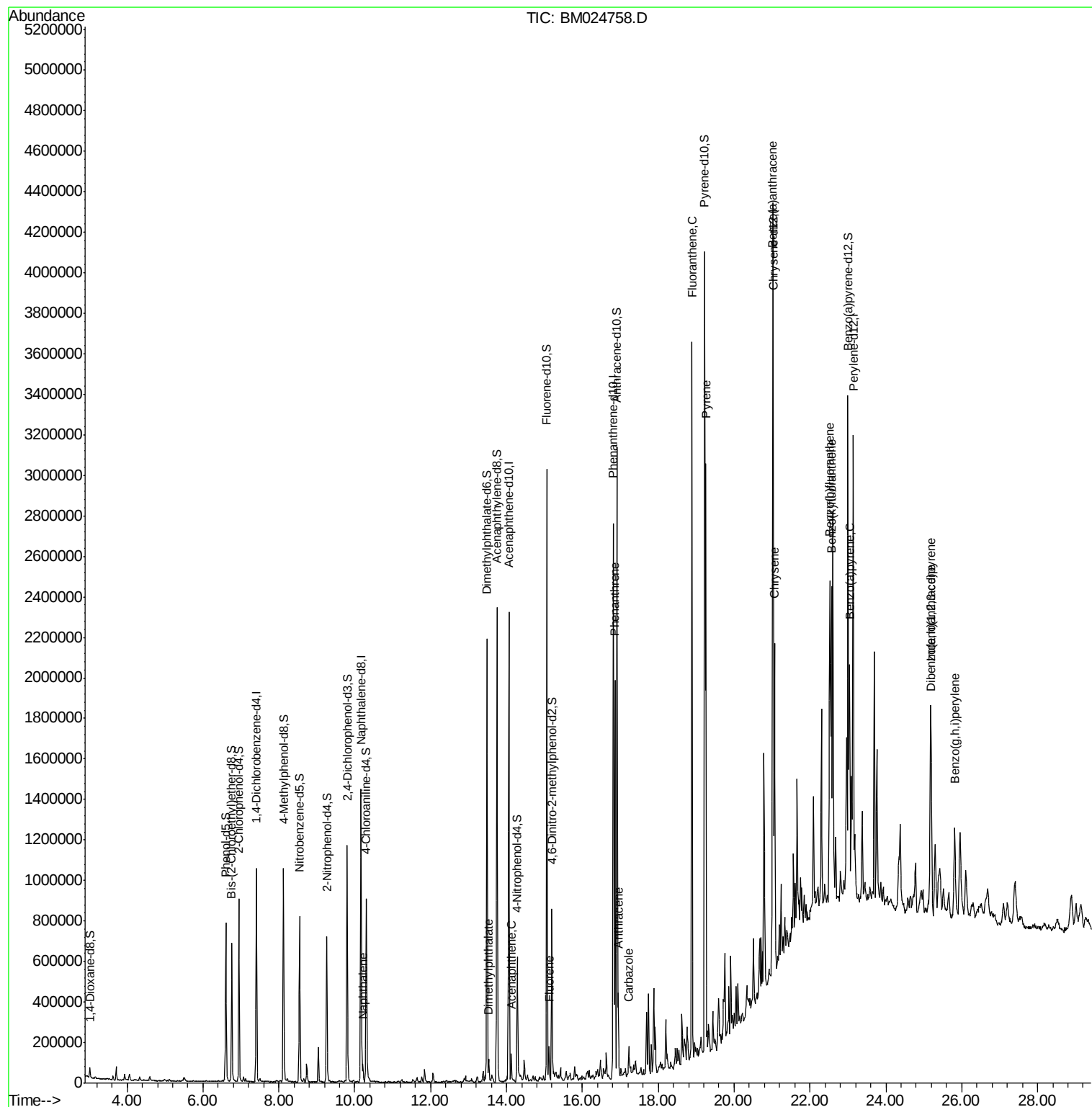
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024758.D
Acq On : 07 Feb 2020 12:31
Operator : CG/JU
Sample : L1399-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

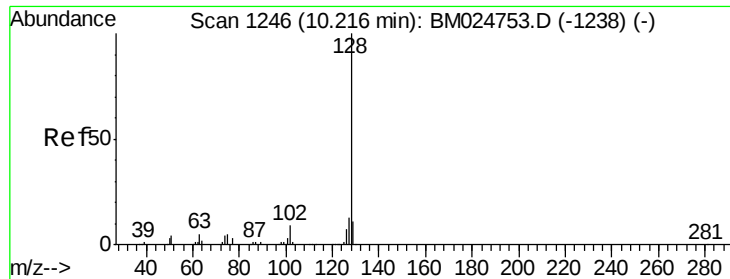
Instrument :
BNA_M
ClientSampled :
CB6F5

Quant Time: Feb 07 16:12:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

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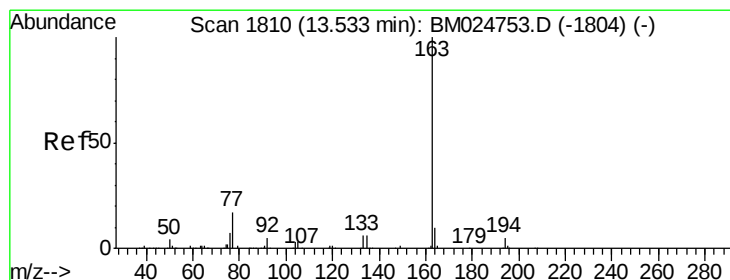
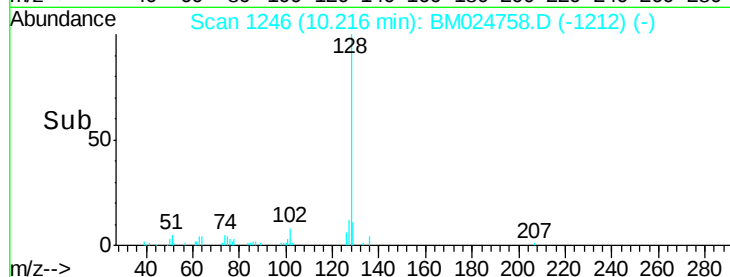
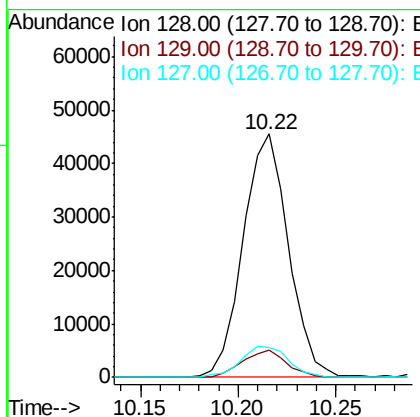
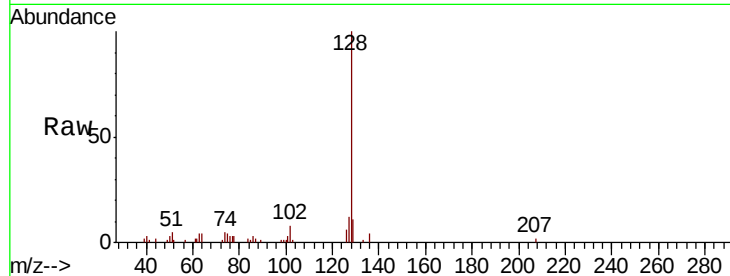
#28
Naphthalene
Concen: 1.196 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampleId :
CB6F5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.3	10.4	15.6

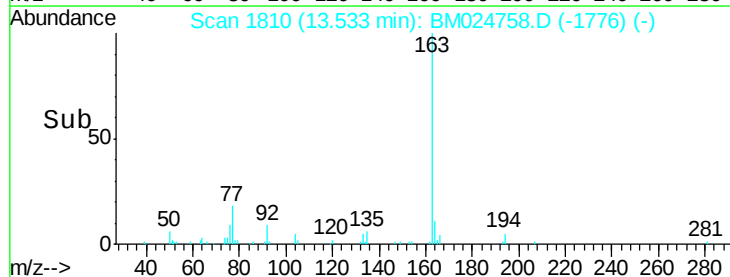
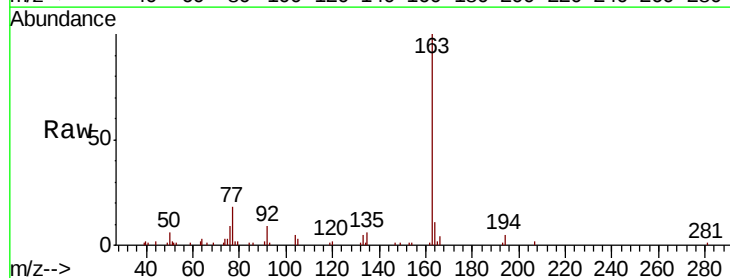
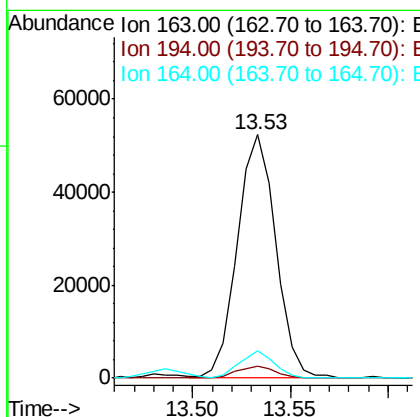
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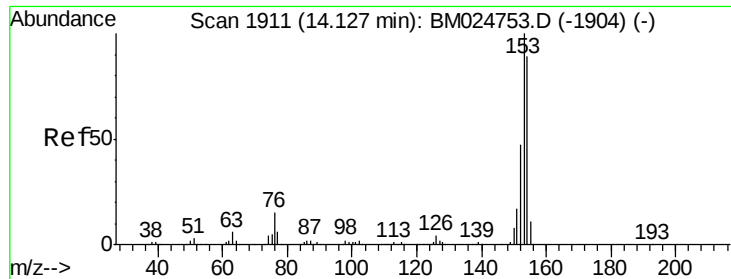
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#45
Dimethylphthalate
Concen: 1.155 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.0	8.2	12.2





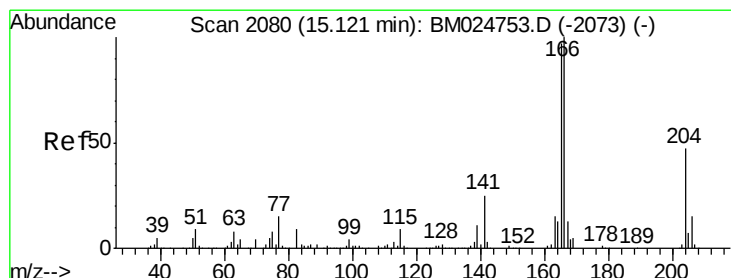
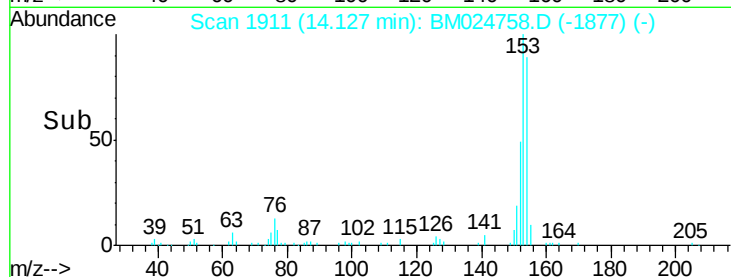
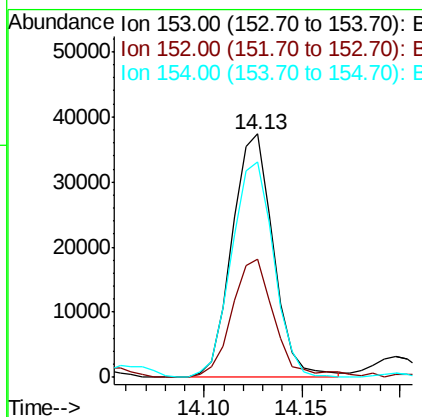
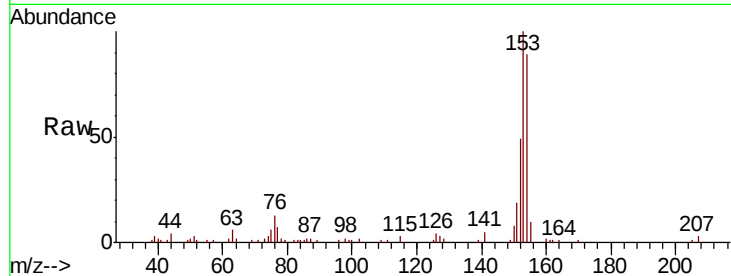
#50
Acenaphthene
Concen: 1.129 ng/ul
RT: 14.13 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampled :
CB6F5

Tot Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.3	55.9
154	88.5	74.1	111.1

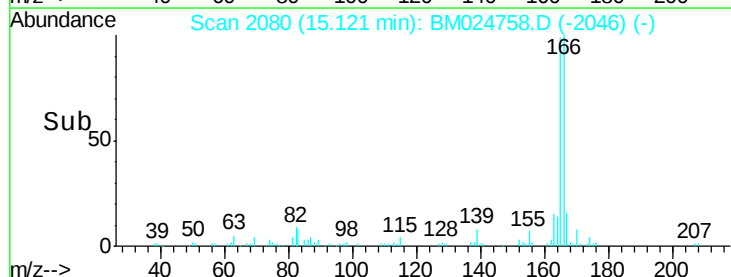
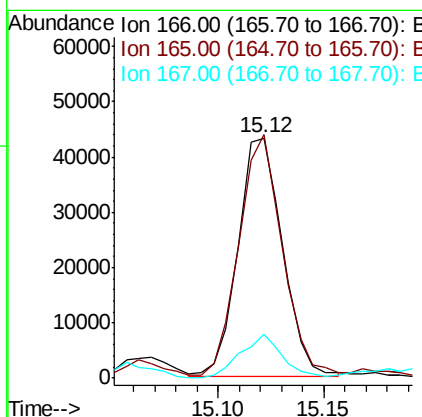
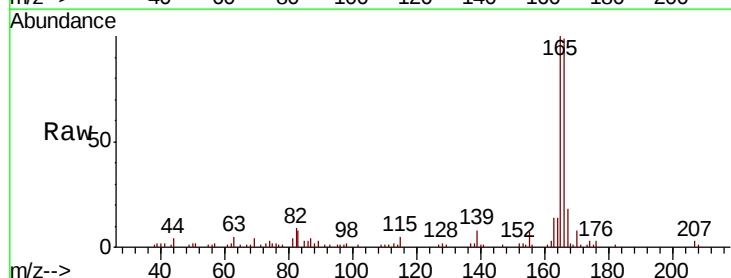
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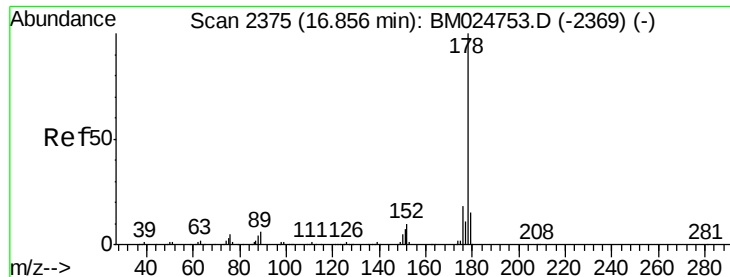
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#59
Fluorene
Concen: 1.059 ng/ul
RT: 15.12 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	75.8	113.8
167	18.1	10.6	16.0





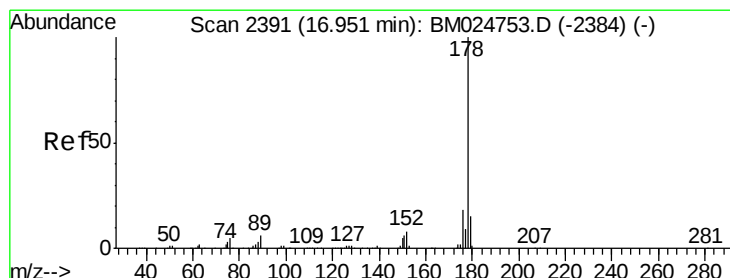
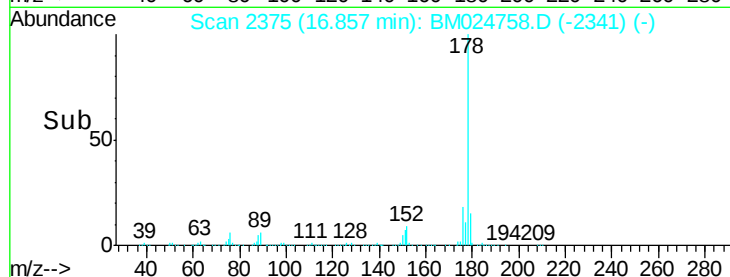
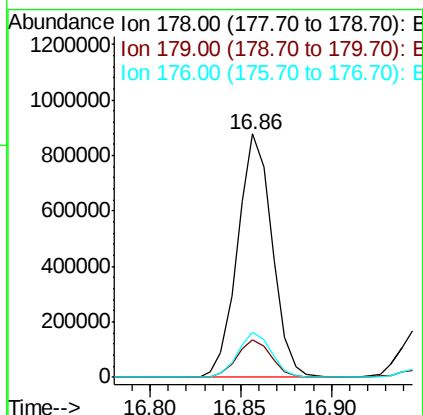
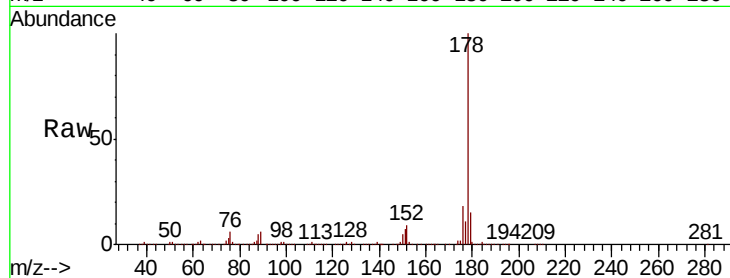
#70
Phenanthrene
Concen: 12.840 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampled :
CB6F5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.4	14.5	21.7

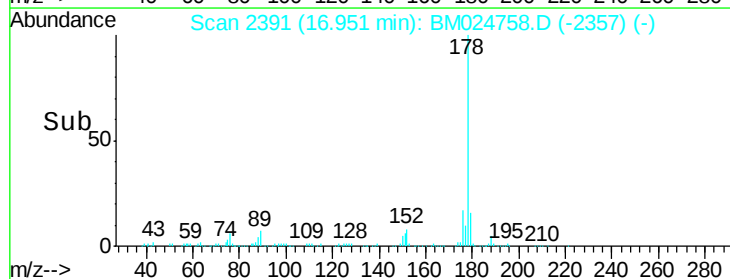
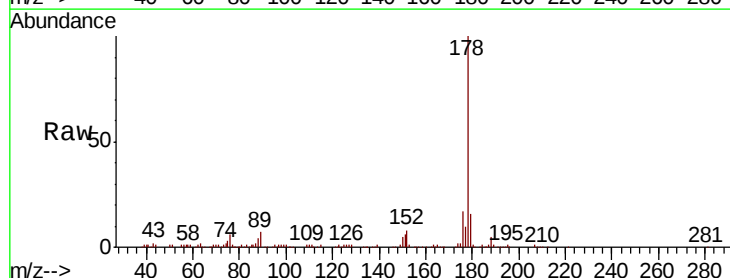
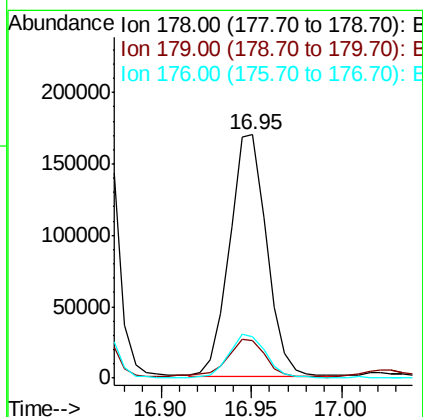
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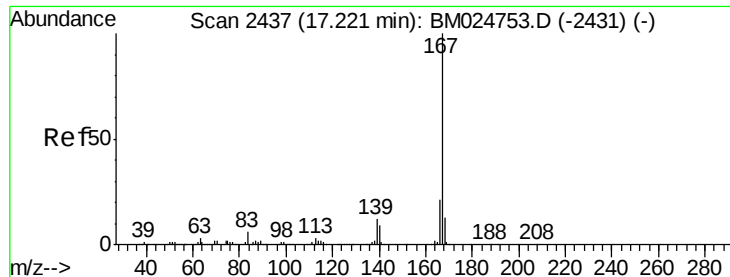
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#72
Anthracene
Concen: 2.649 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.1	14.1	21.1





#75

Carbazole

Concen: 1.207 ng/ul

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM024758.D

Acq: 07 Feb 2020 12:31

Instrument :

BNA_M

ClientSampleId :

CB6F5

Tot Ion:167 Resp: 91983

Ion Ratio Lower Upper

167 100

166 19.7 16.6 24.8

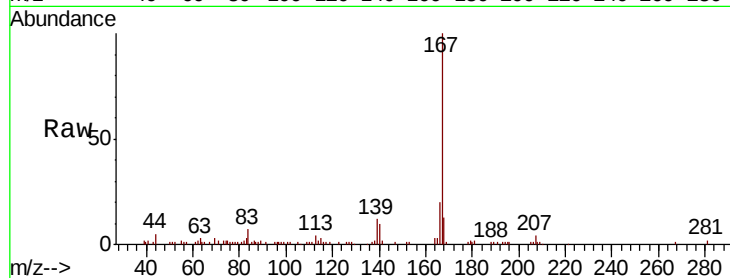
139 12.2 9.3 13.9

Manual Integrations

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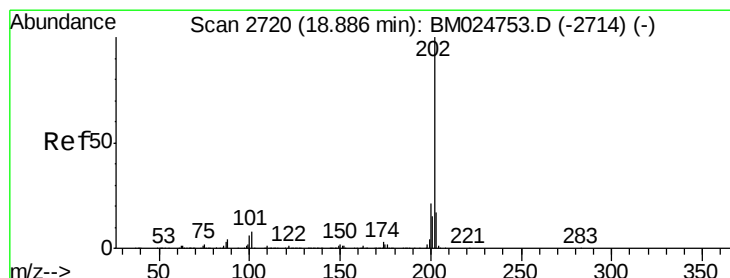
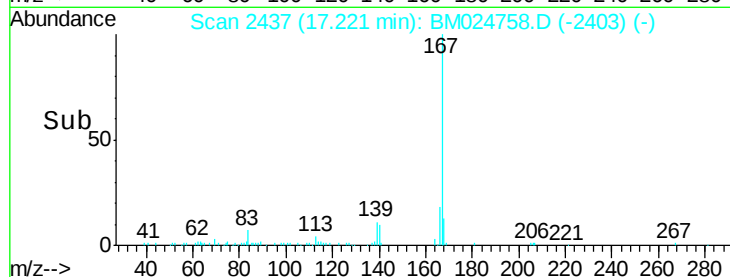
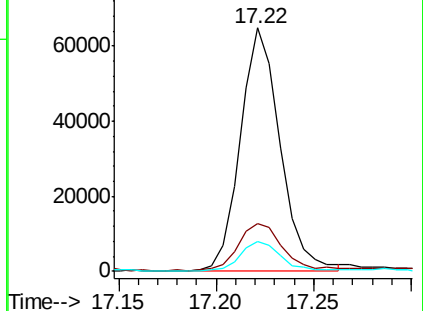
2/10/2020 8:22:32 AM



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



#77

Fluoranthene

Concen: 18.641 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024758.D

Acq: 07 Feb 2020 12:31

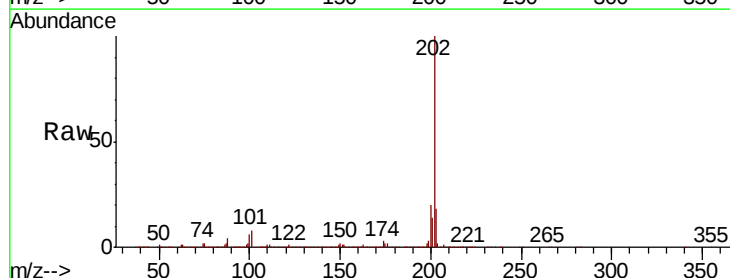
Tgt Ion:202 Resp: 2063629

Ion Ratio Lower Upper

202 100

101 7.7 6.1 9.1

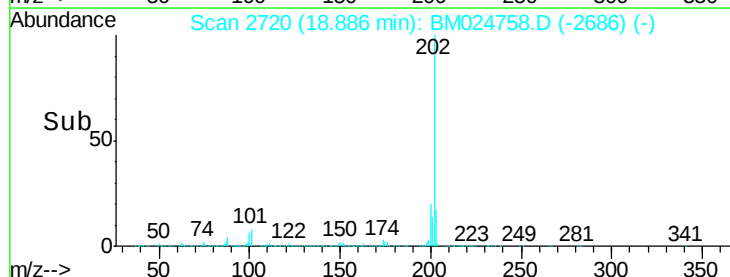
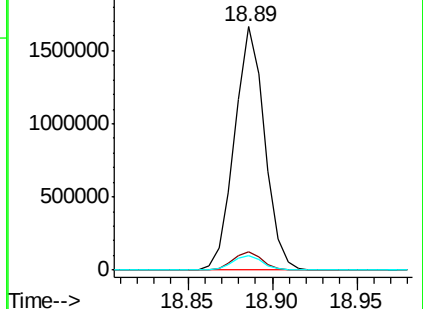
100 5.9 4.8 7.2

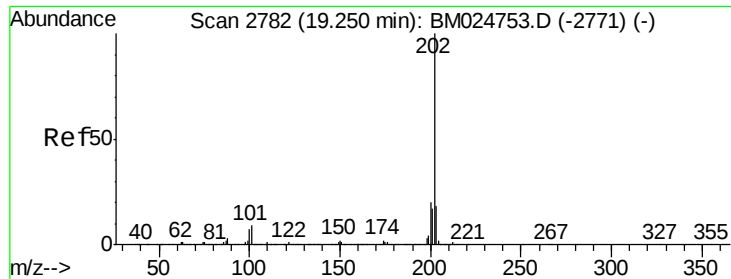


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





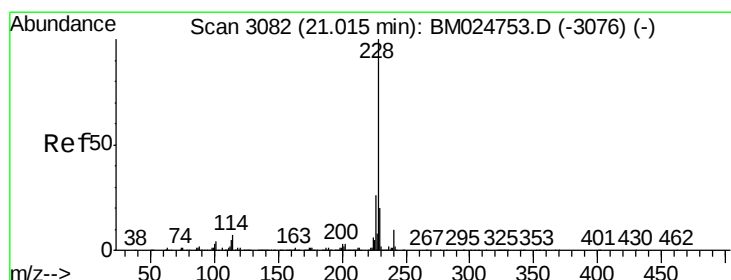
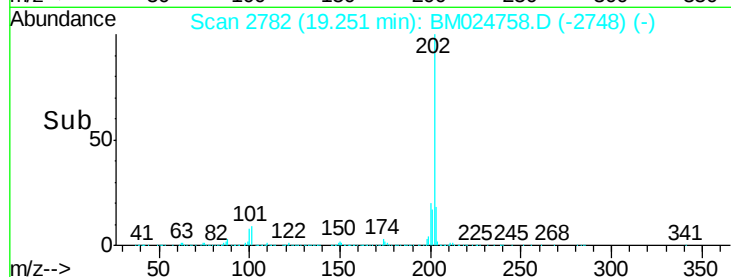
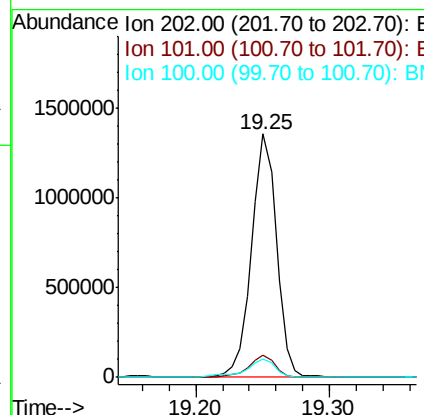
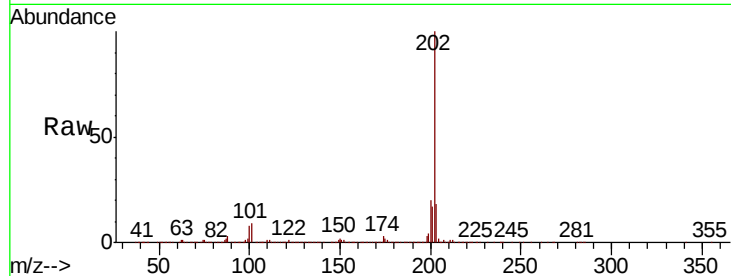
#80
Pvrene
Concen: 18.181 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampleId :
CB6F5

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
100	7.7	5.8	8.8

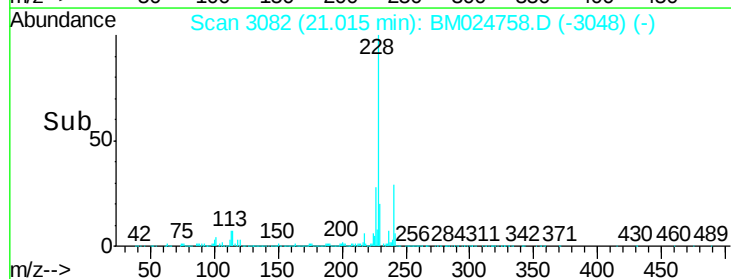
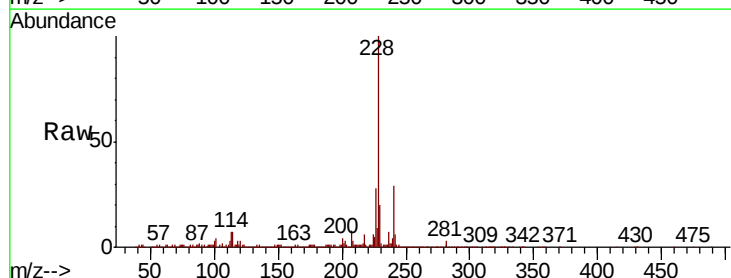
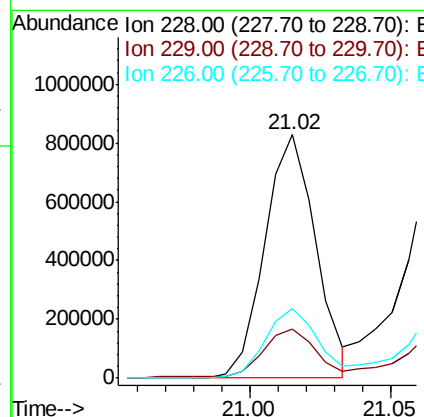
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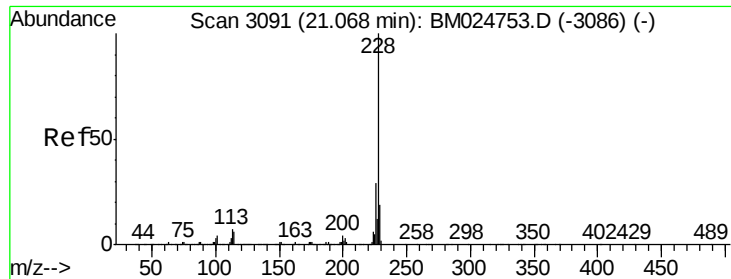
mohammad
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#83
Benzo(a)anthracene
Concen: 10.573 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.5	20.8	31.2





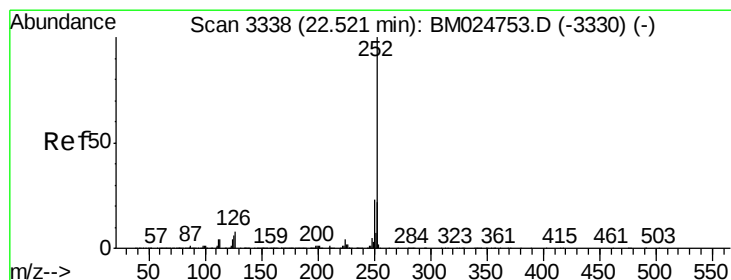
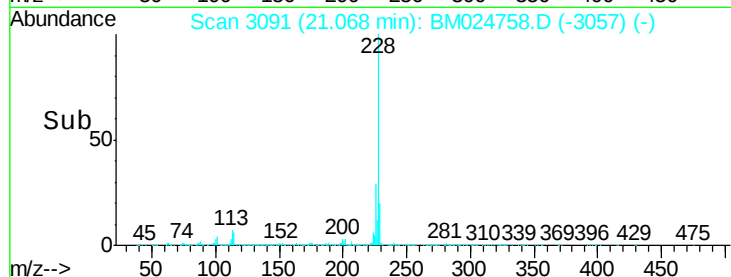
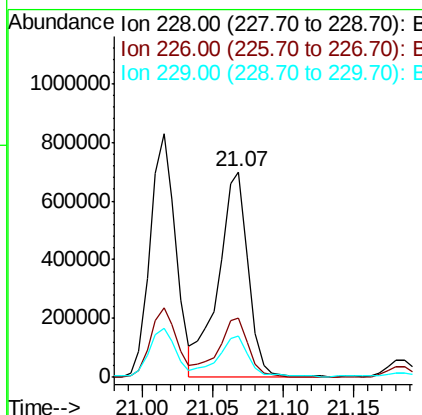
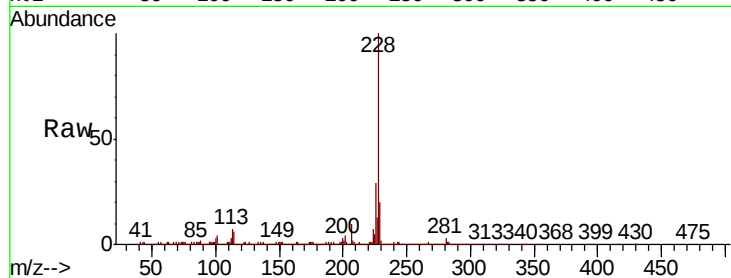
#85
Chrysene
Concen: 10.570 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampleId :
CB6F5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.2	15.8	23.8

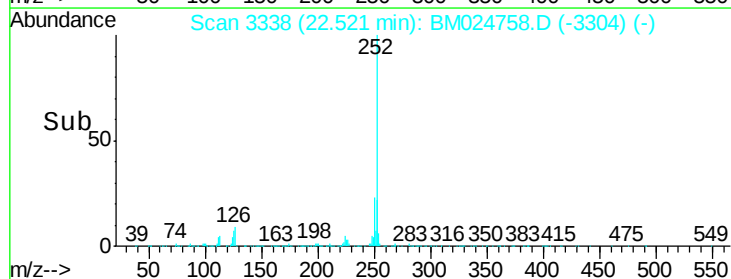
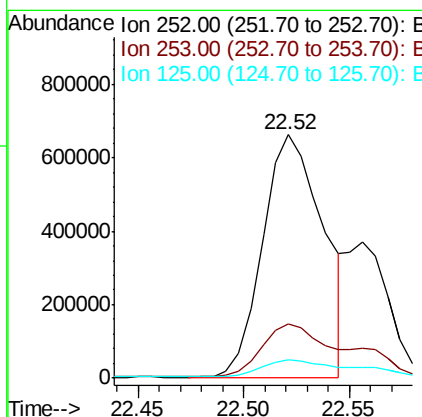
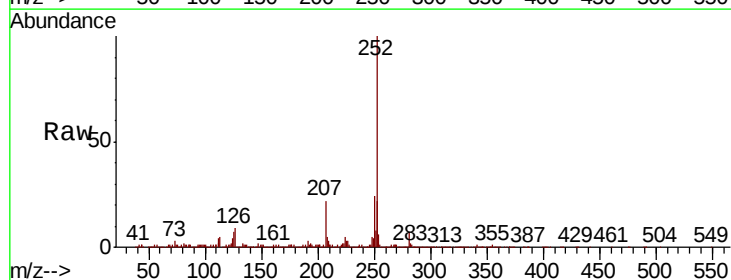
Manual Integrations
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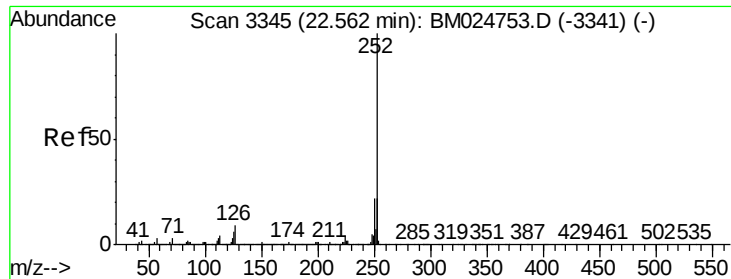
mohammad
2/10/2020 8:22:32 AM



#88
Benzo(b)fluoranthene
Concen: 12.750 ng/ul
RT: 22.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.3	5.1	7.7





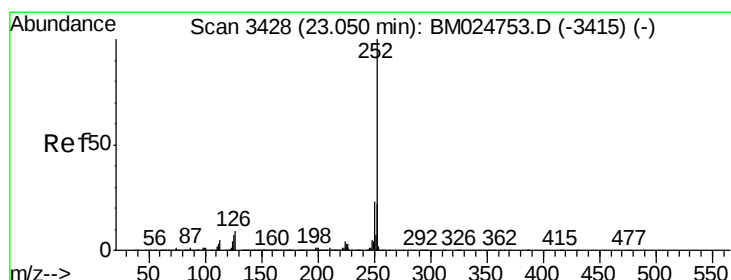
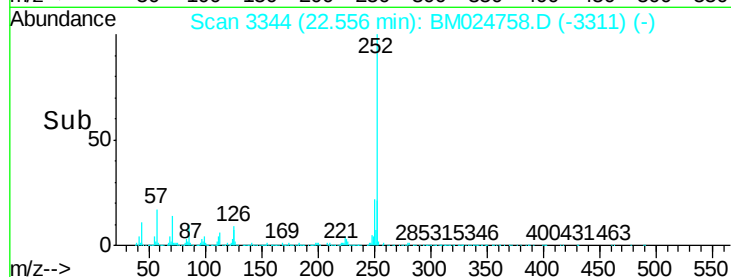
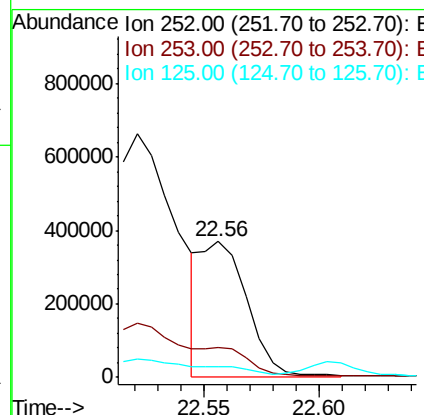
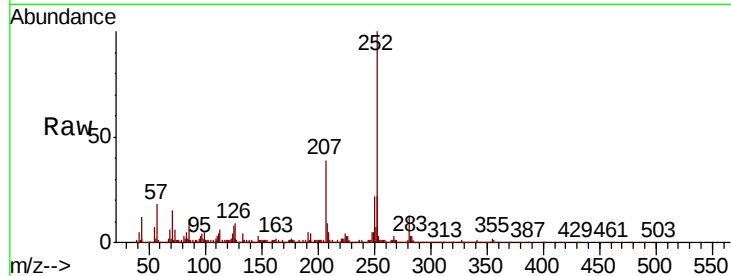
#89
Benzo(k)fluoranthene
Concen: 5.170 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampled :
CB6F5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	8.0	5.1	7.7

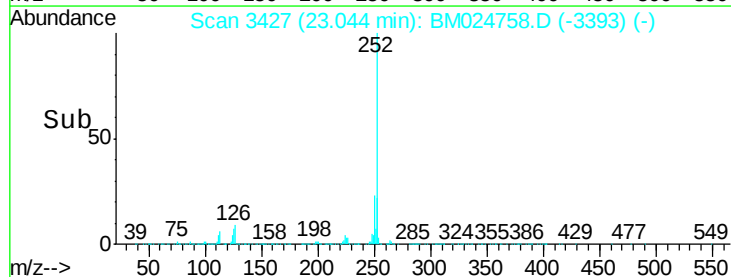
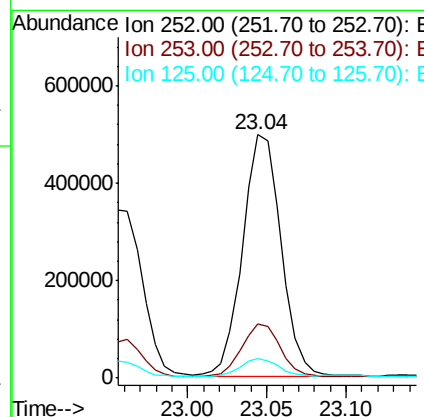
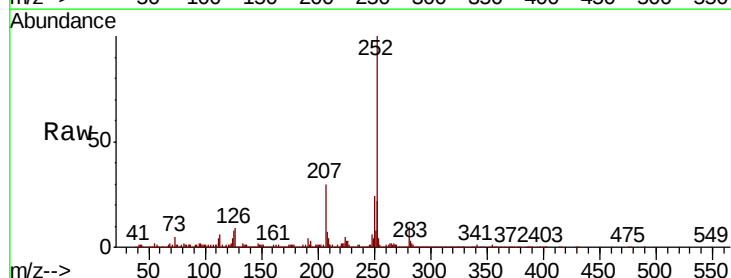
Manual Integrations
APPROVED

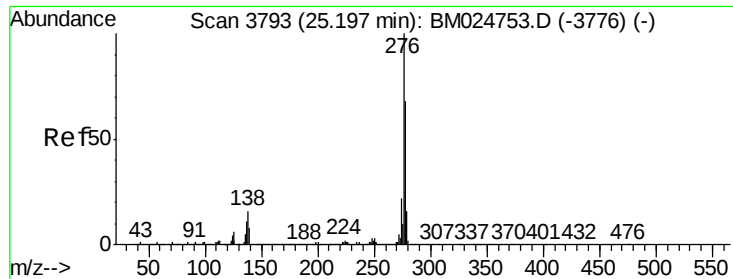
mohammad
2/10/2020 8:22:32 AM



#91
Benzo(a)pyrene
Concen: 9.084 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	7.9	5.6	8.4





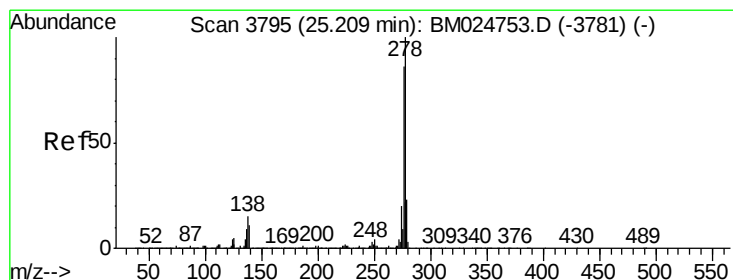
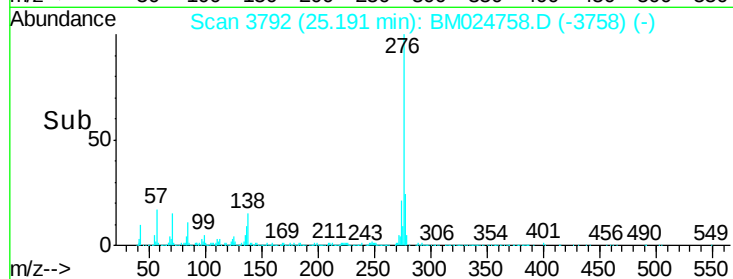
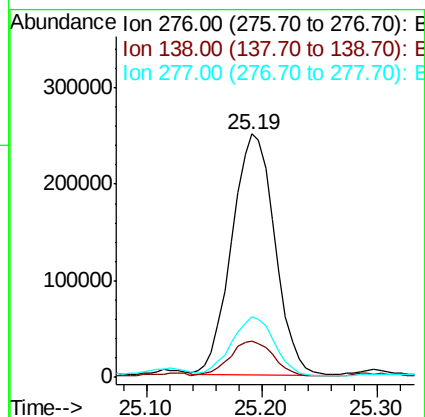
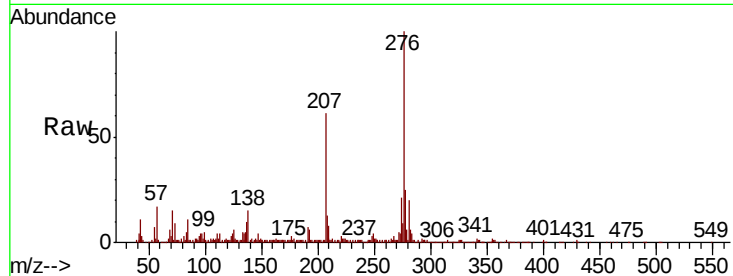
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.626 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. 0.00 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Instrument :
BNA_M
ClientSampleId :
CB6F5

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.8	19.2
277	24.8	19.3	28.9

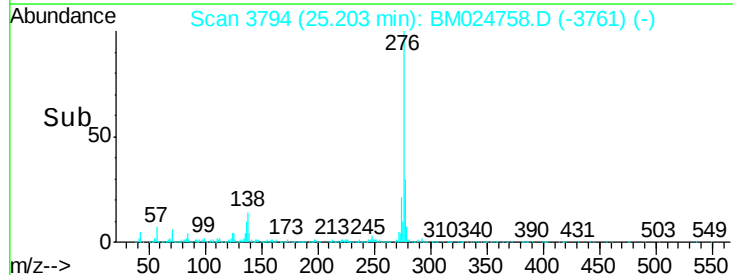
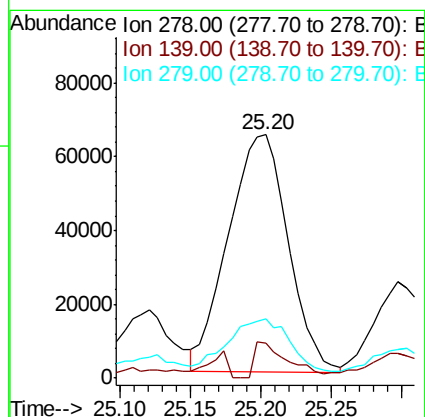
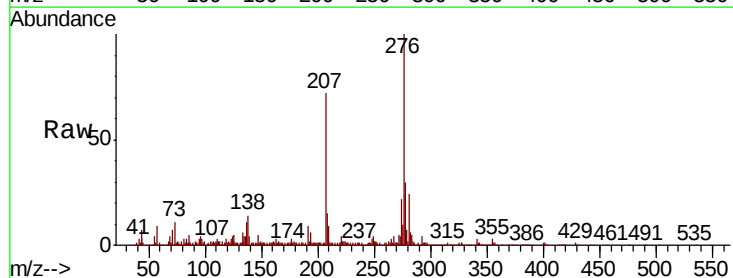
Manual Integrations
APPROVED

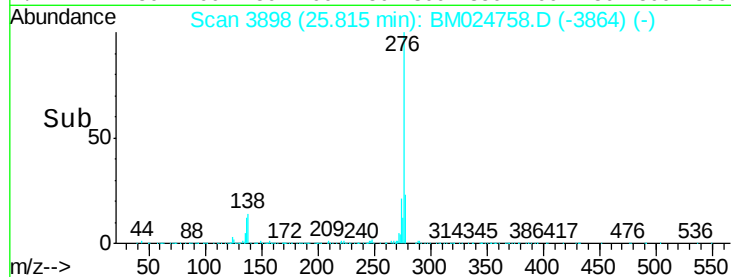
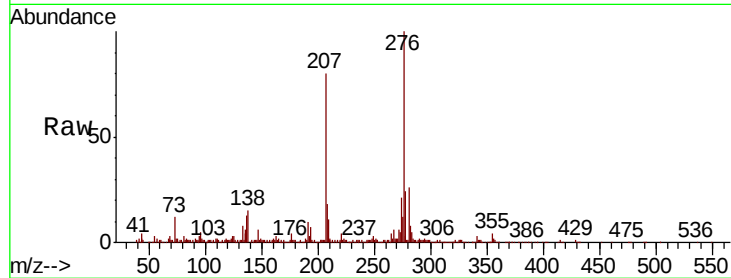
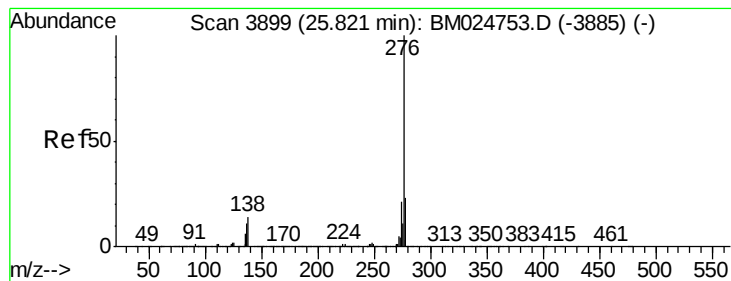
mohammad
2/10/2020 8:22:32 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.946 ng/ul
RT: 25.20 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BM024758.D
Acq: 07 Feb 2020 12:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	8.4	12.6#
279	24.4	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 5.450 ng/ul

RT: 25.81 min Scan# 3898

Delta R.T. 0.00 min

Lab File: BM024758.D

Acq: 07 Feb 2020 12:31

Instrument :

BNA_M

ClientSampleId :

CB6F5

Tot Ion: 276 Resp: 522288

Ion Ratio Lower Upper

276 100

138 15.0 11.8 17.6

277 23.6 19.0 28.6

Manual Integrations

APPROVED

mohammad

2/10/2020 8:22:32 AM

