

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024761.D
 Acq On : 07 Feb 2020 14:20
 Operator : CG/JU
 Sample : L1399-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F8

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:40 AM

Quant Time: Feb 07 16:20:24 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	297680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1190989	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	806321	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1780206	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1703262	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1929405	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	21385	3.46	ng/uL	0.00
5) Phenol-d5	6.60	99	390318	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	239337	21.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	358533	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	340741	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	179017	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	216551	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	395295	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	479498	24.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1336652	21.96	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1456894	20.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	202263	20.45	ng/ul	0.00
58) Fluorene-d10	15.06	176	1130793	20.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	219215	18.89	ng/ul	0.00
71) Anthracene-d10	16.92	188	1767612	21.75	ng/ul	0.00
79) Pyrene-d10	19.22	212	2030141	23.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2144107	22.13	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.22	128	71273	1.171 ng/ul	99
45) Dimethylphthalate	13.53	163	168263	2.650 ng/ul	99
59) Fluorene	15.12	166	70910	1.161 ng/ul#	95
70) Phenanthrene	16.86	178	1203983	12.404 ng/ul	99
72) Anthracene	16.95	178	280122	2.846 ng/ul	98
75) Carbazole	17.22	167	100518	1.226 ng/ul	99
77) Fluoranthene	18.89	202	2014621	16.907 ng/ul	100
80) Pyrene	19.25	202	1669641	14.809 ng/ul	100
83) Benzo(a)anthracene	21.02	228	1051390	9.164 ng/ul	97
85) Chrysene	21.06	228	998898	8.843 ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	1344670	10.960 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	495083m	4.192 ng/ul	
91) Benzo(a)pyrene	23.04	252	859109	7.811 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	637716	4.657 ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	191418	1.641 ng/ul#	90
94) Benzo(g,h,i)perylene	25.82	276	467720	4.107 ng/ul	99

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

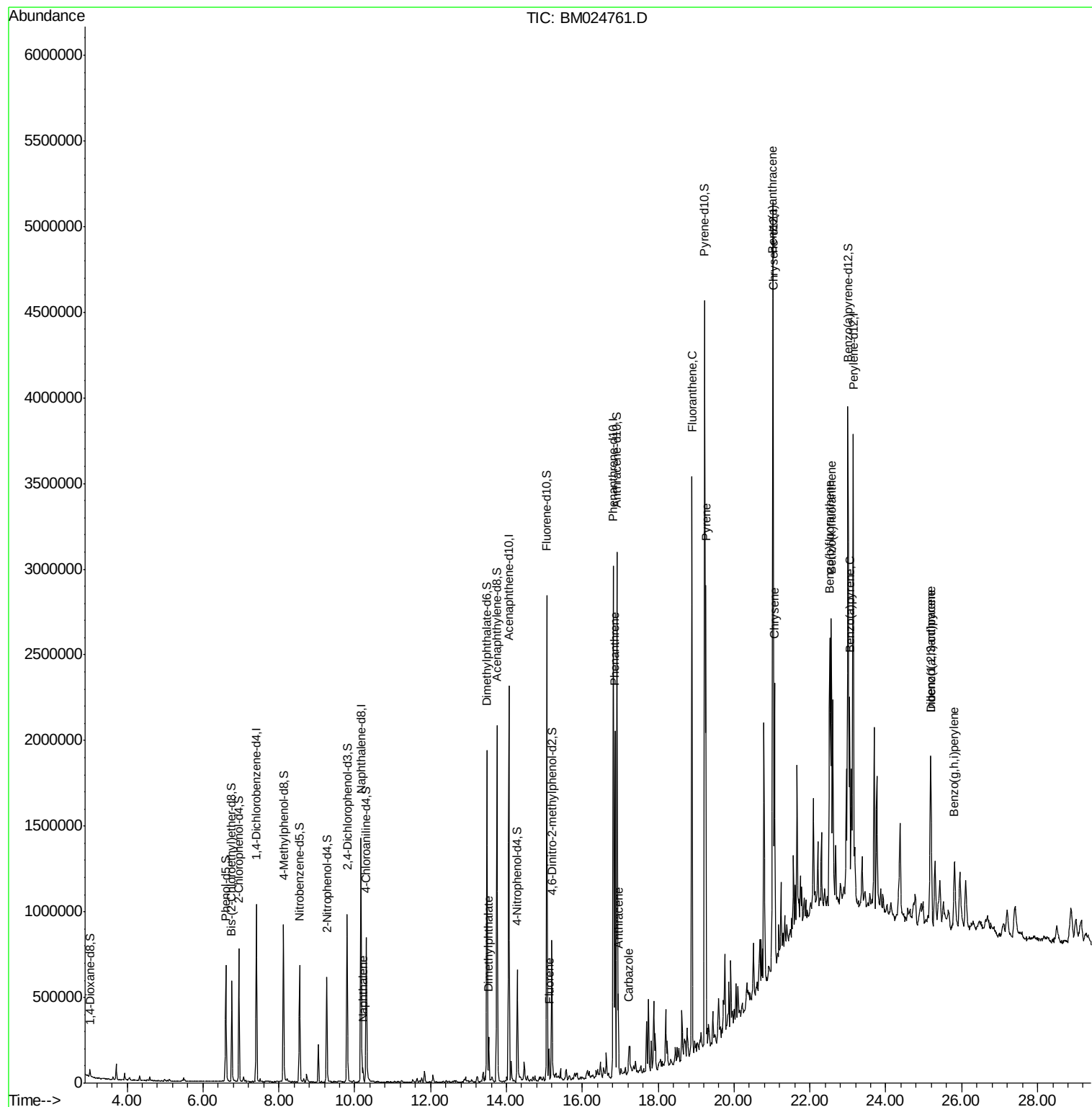
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024761.D
Acq On : 07 Feb 2020 14:20
Operator : CG/JU
Sample : L1399-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

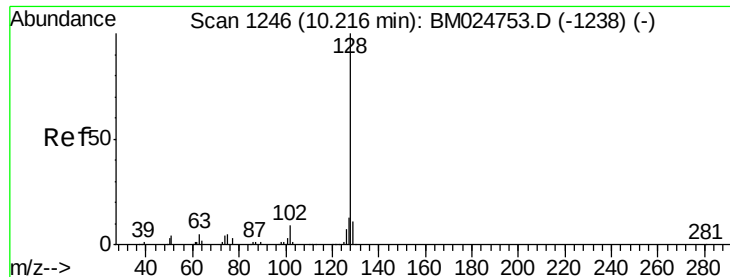
Instrument :
BNA_M
ClientSampleId :
CB6F8

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Quant Time: Feb 07 16:20:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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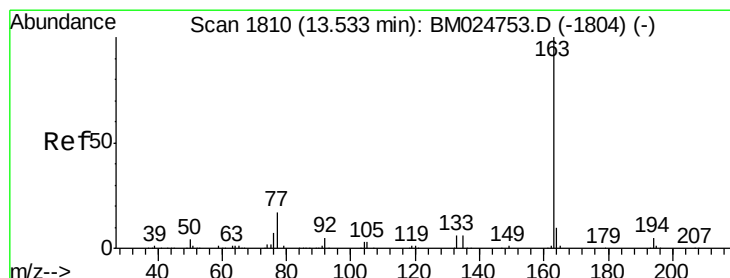
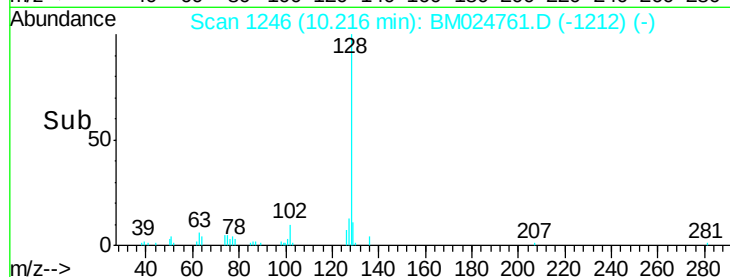
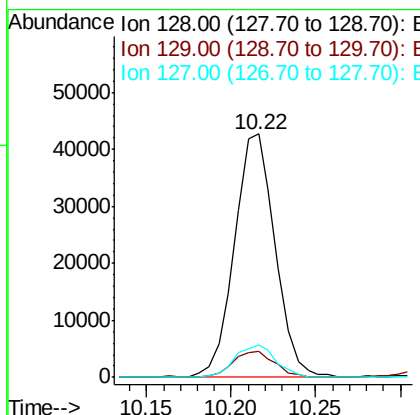
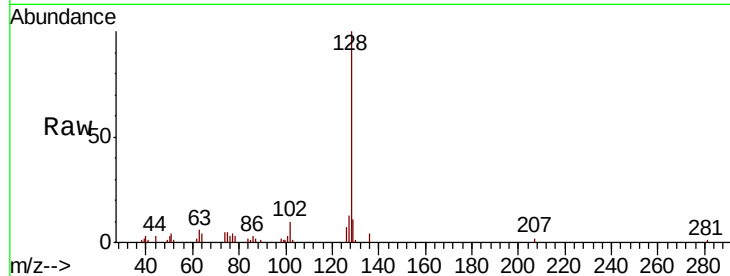
#28
Naphthalene
Concen: 1.171 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024761.D
Acq: 07 Feb 2020 14:20

Instrument :
BNA_M
ClientSampleId :
CB6F8

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.2	10.4	15.6

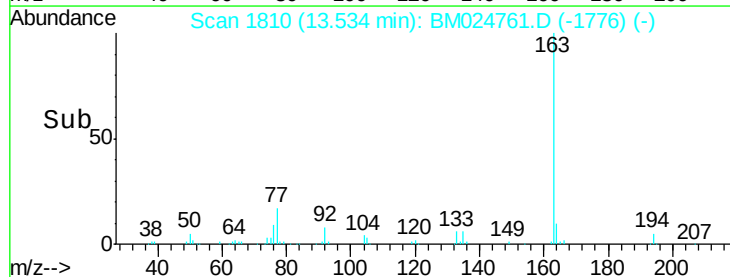
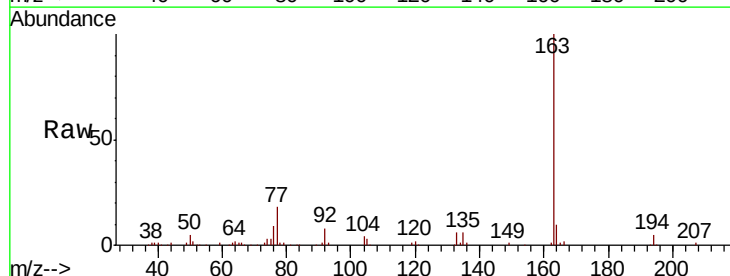
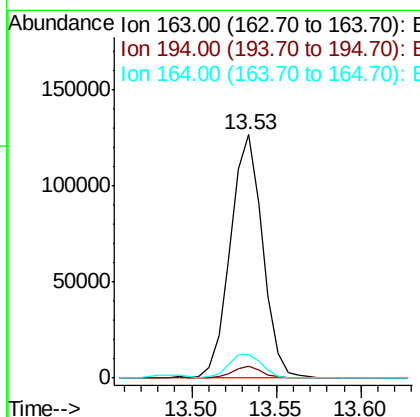
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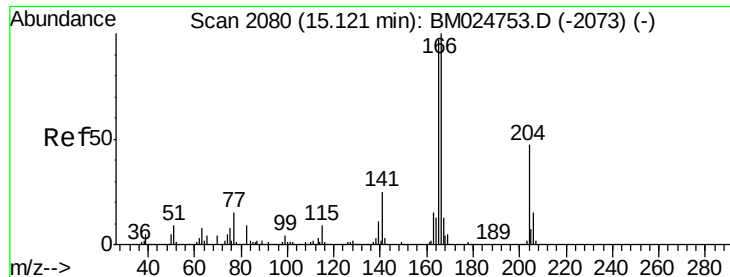
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#45
Dimethylphthalate
Concen: 2.650 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024761.D
Acq: 07 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	9.8	8.2	12.2





#59

Fluorene

Concen: 1.161 ng/ul

RT: 15.12 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

Instrument :

BNA_M

ClientSampleId :

CB6F8

Tot Ion:166 Resp: 70910

Ion Ratio Lower Upper

166 100

165 99.2 75.8 113.8

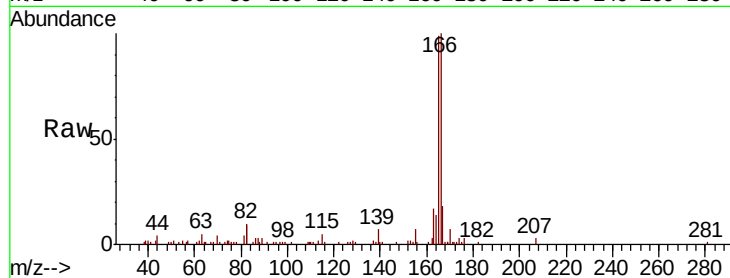
167 17.7 10.6 16.0#

Manual Integrations

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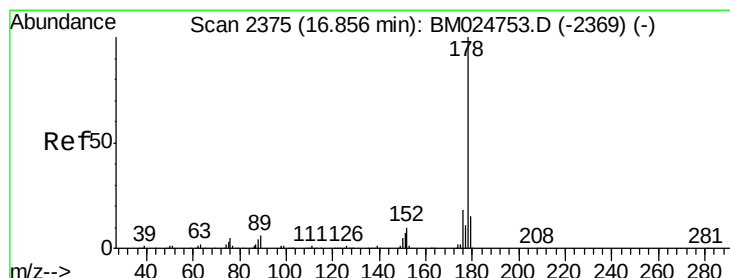
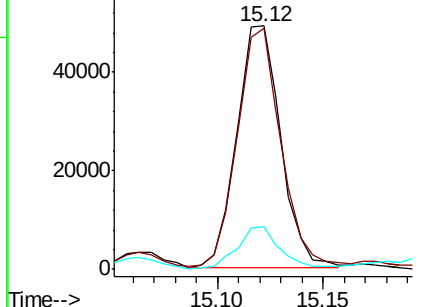
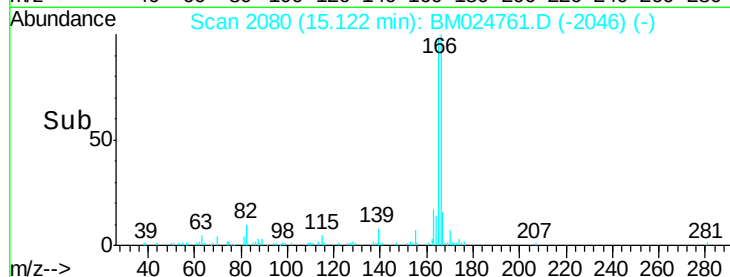
2/10/2020 8:22:40 AM



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



#70

Phenanthrene

Concen: 12.404 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

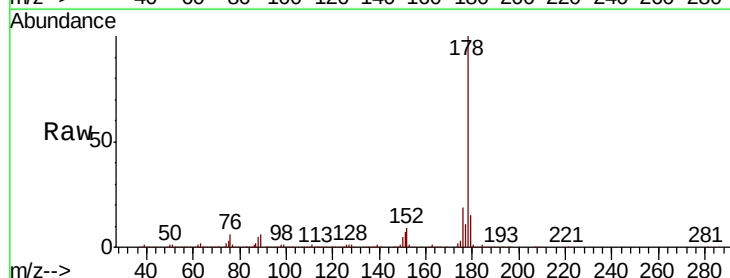
Tgt Ion:178 Resp: 1203983

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

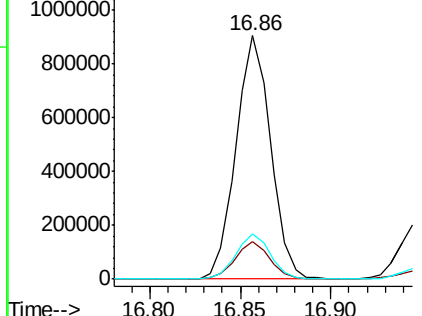
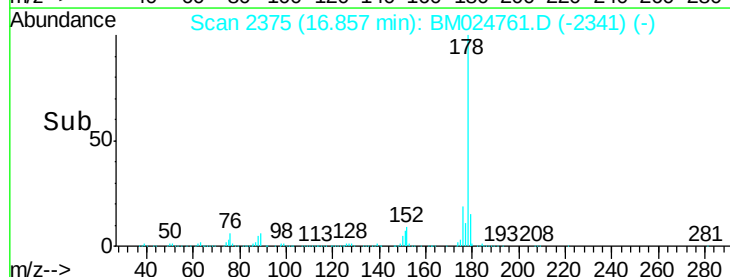
176 18.6 14.5 21.7

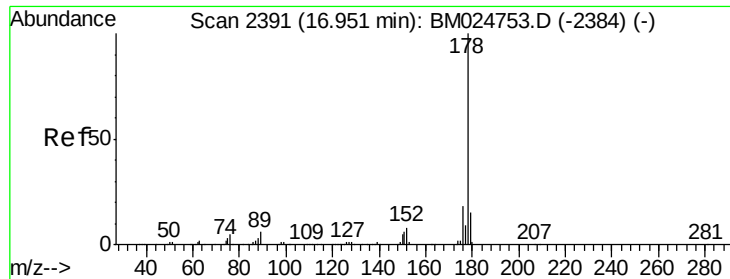


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





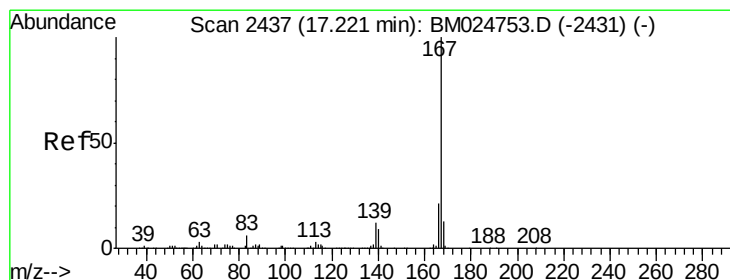
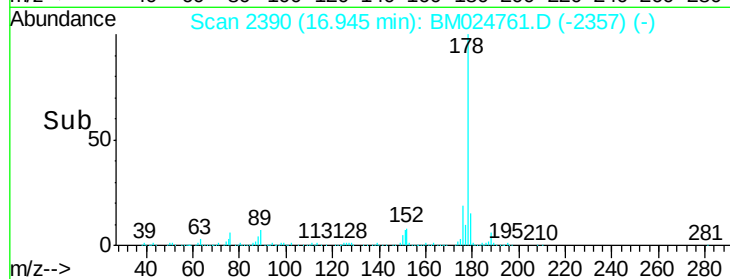
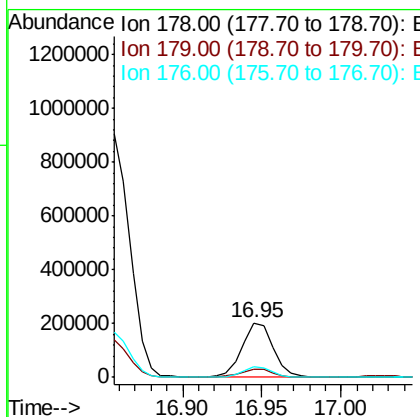
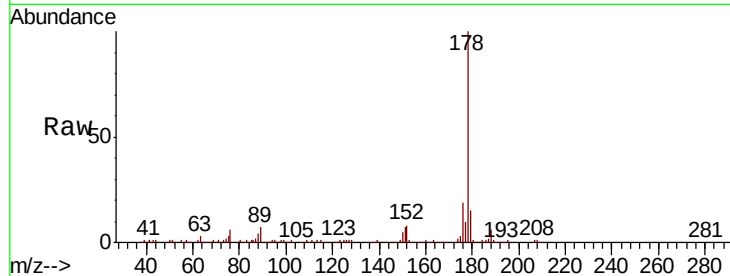
#72
 Anthracene
 Concen: 2.846 ng/ul
 RT: 16.95 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM024761.D
 Acq: 07 Feb 2020 14:20

Instrument :
 BNA_M
 ClientSampleID :
 CB6F8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.6	14.1	21.1

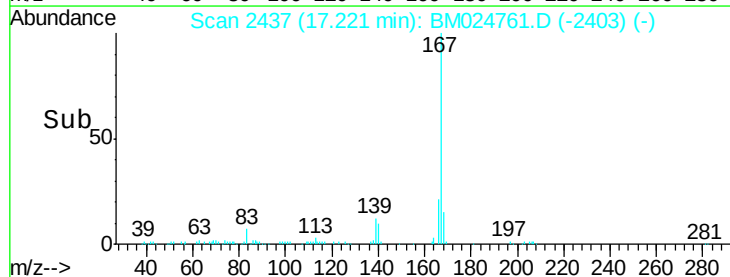
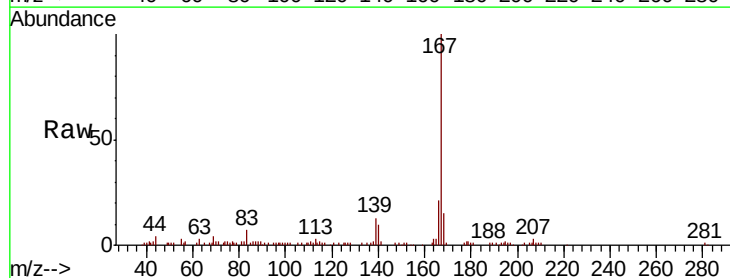
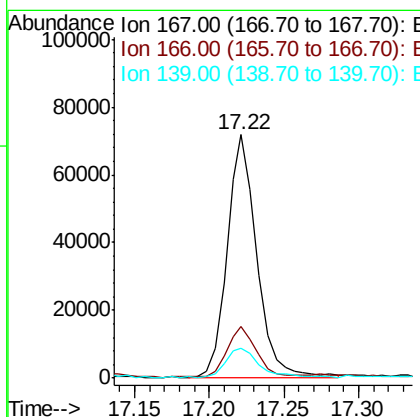
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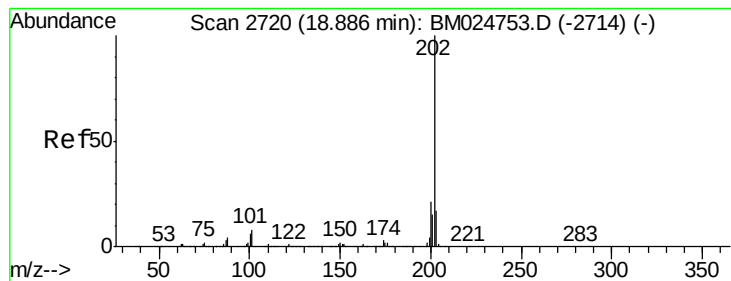
mohammad
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#75
 Carbazole
 Concen: 1.226 ng/ul
 RT: 17.22 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM024761.D
 Acq: 07 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.6	24.8
139	12.5	9.3	13.9





#77

Fluoranthene

Concen: 16.907 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

Instrument :

BNA_M

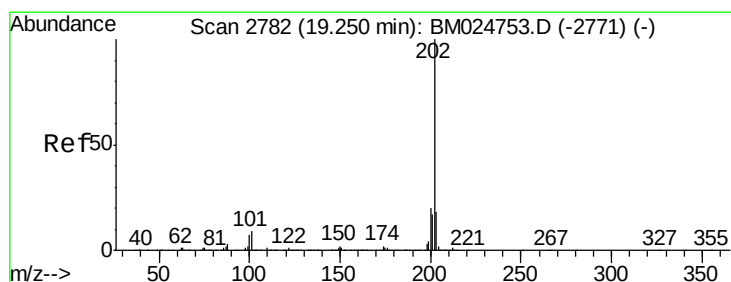
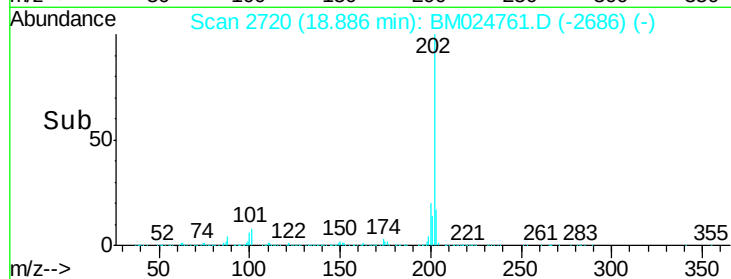
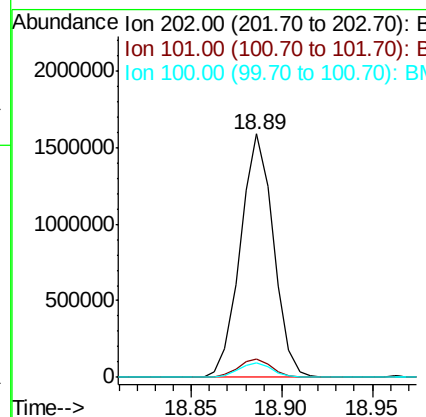
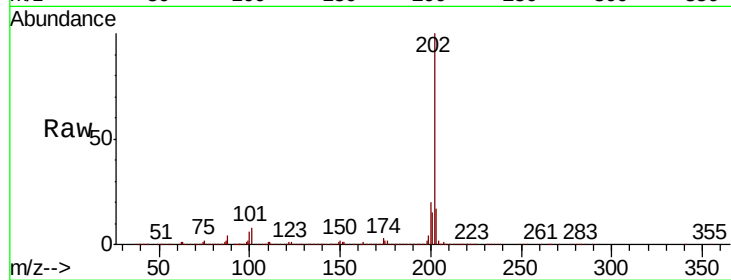
ClientSampleId :

CB6F8

Tot Ion:	202	Resp:	2014621
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.1	9.1
100	6.1	4.8	7.2

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#80

Pyrene

Concen: 14.809 ng/ul

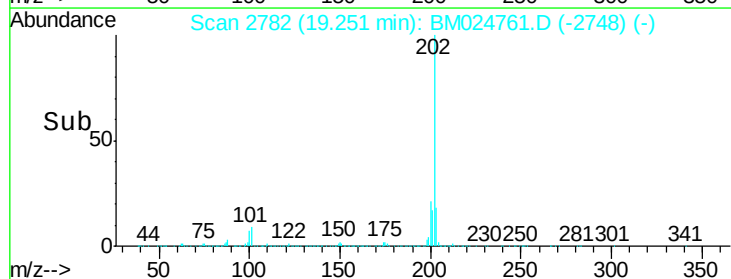
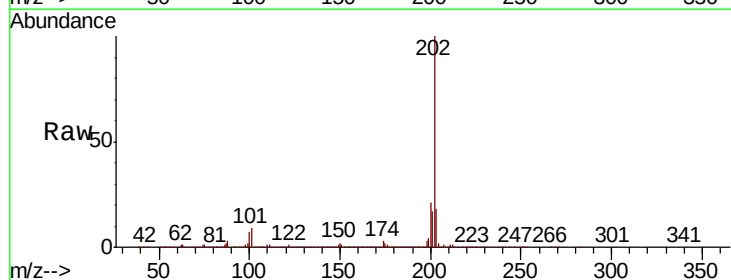
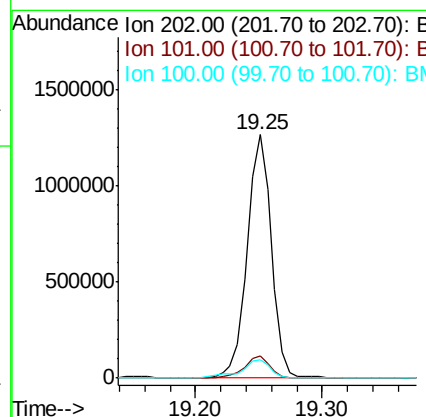
RT: 19.25 min Scan# 2782

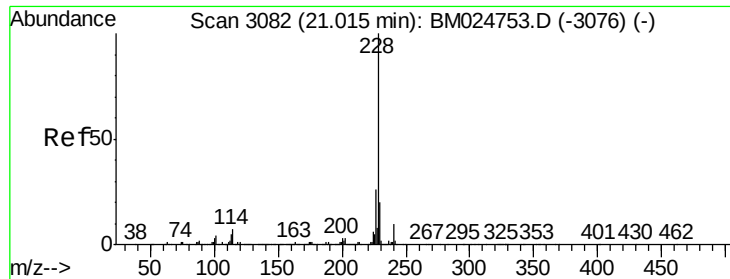
Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

Tgt Ion:	202	Resp:	1669641
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.0	10.4
100	7.4	5.8	8.8





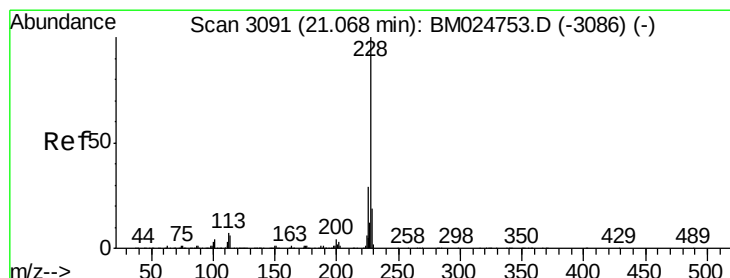
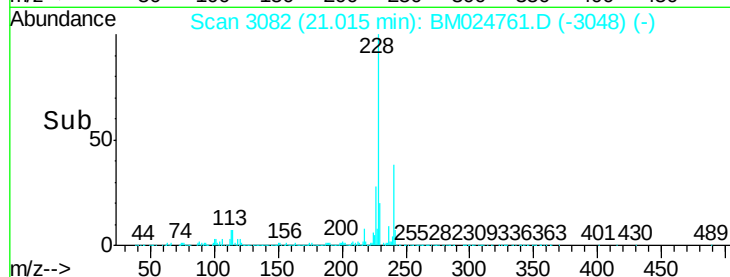
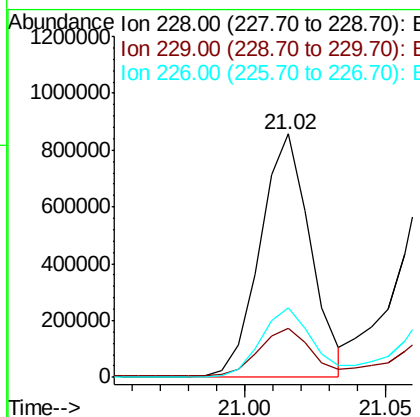
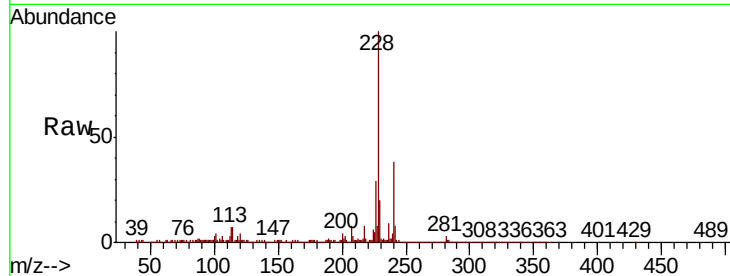
#83
Benzo(a)anthracene
Concen: 9.164 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024761.D
Acq: 07 Feb 2020 14:20

Instrument :
BNA_M
ClientSampled :
CB6F8

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.5	20.8	31.2

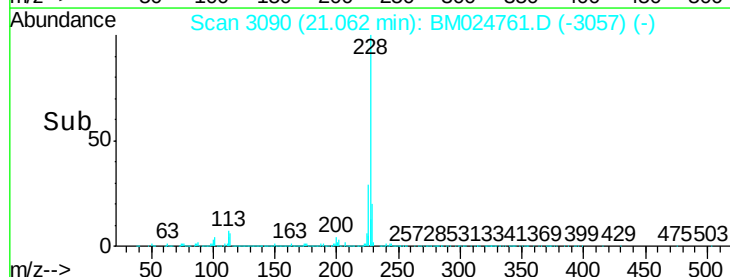
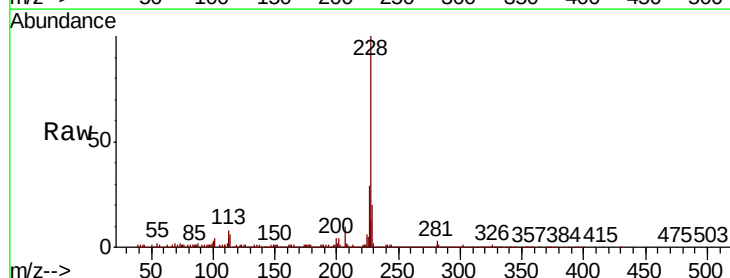
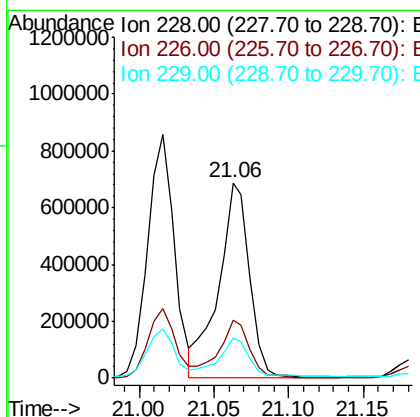
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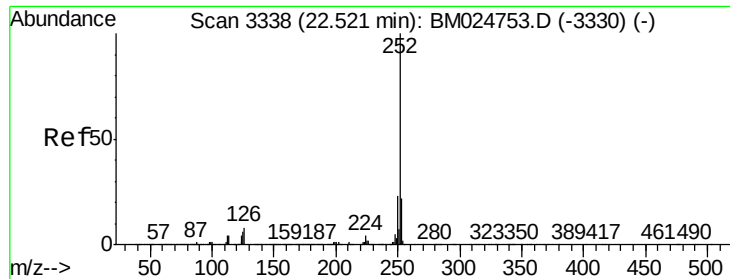
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#85
Chrysene
Concen: 8.843 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024761.D
Acq: 07 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	20.2	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 10.960 ng/ul

RT: 22.52 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

Instrument :

BNA_M

ClientSampleId :

CB6F8

Tot Ion:252 Resp: 1344670

Ion Ratio Lower Upper

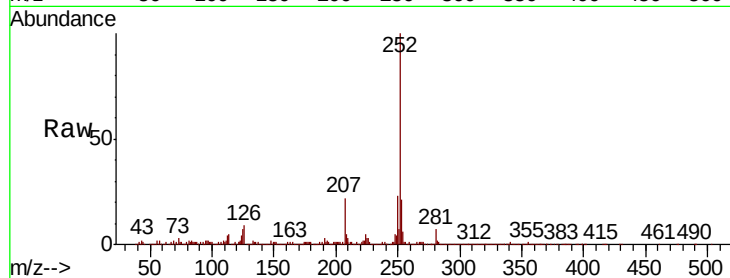
252 100

253 21.4 17.3 25.9

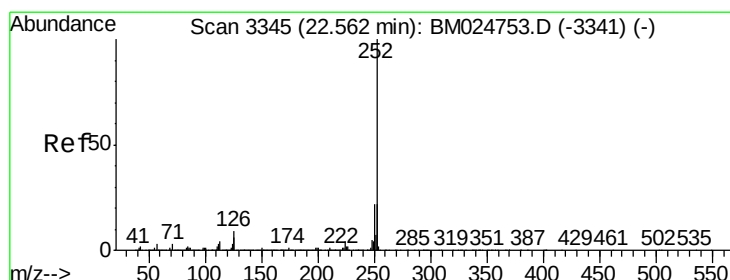
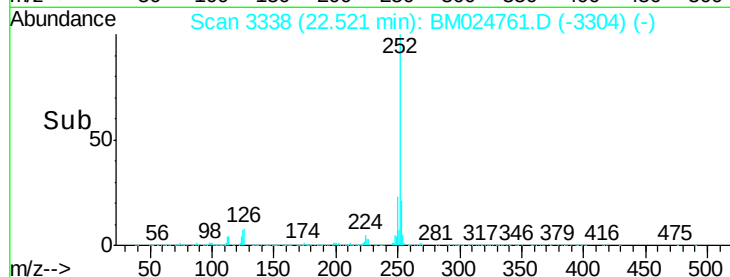
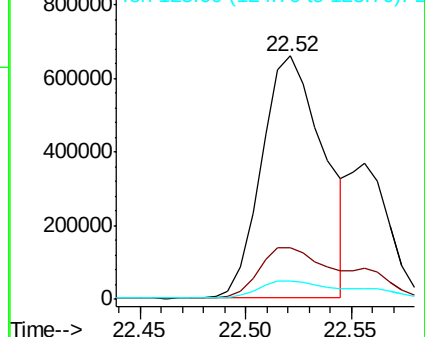
125 7.4 5.1 7.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 4.192 ng/ul m

RT: 22.56 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

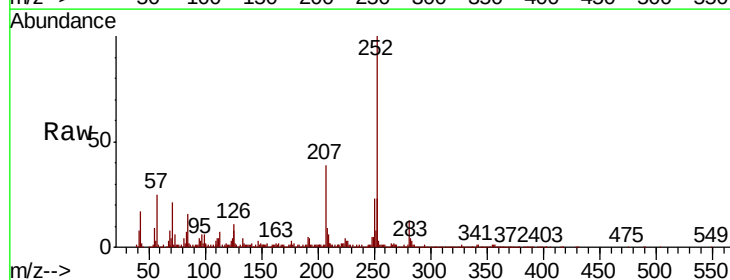
Tgt Ion:252 Resp: 495083

Ion Ratio Lower Upper

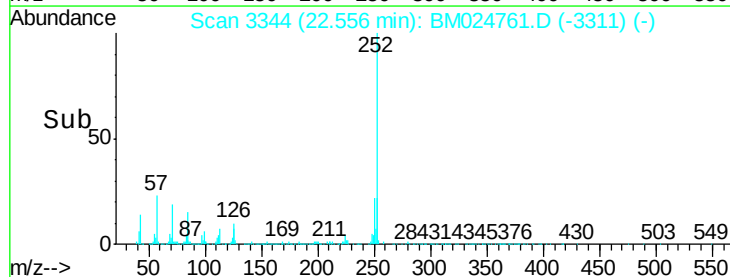
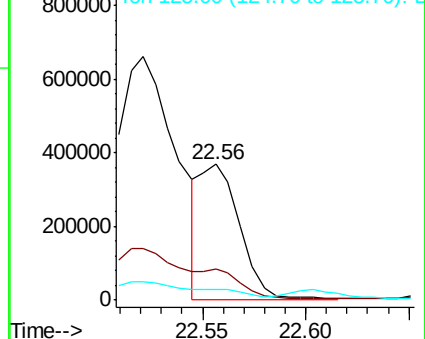
252 100

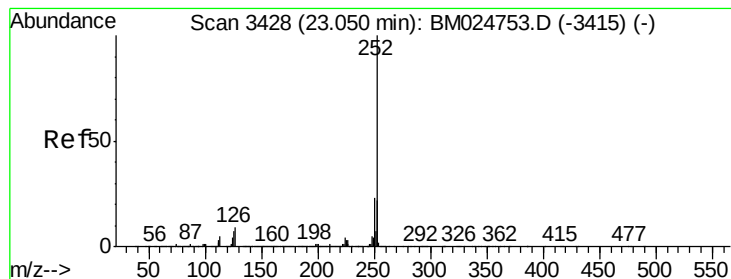
253 23.2 17.4 26.0

125 7.8 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 7.811 ng/ul

RT: 23.04 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

Instrument :

BNA_M

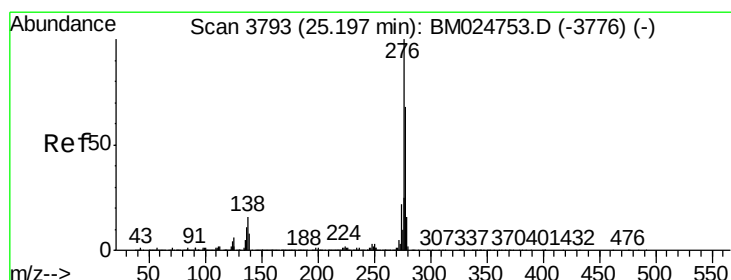
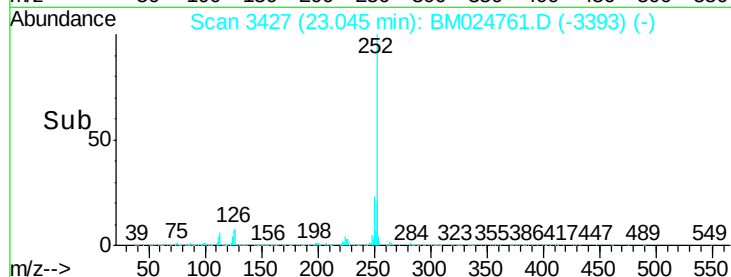
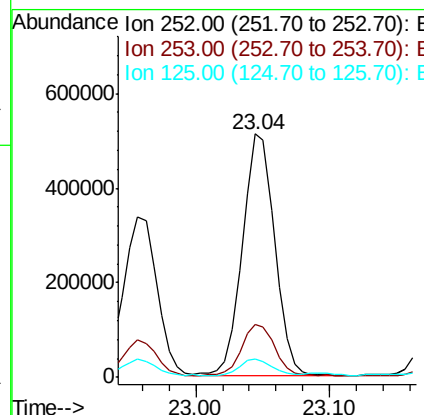
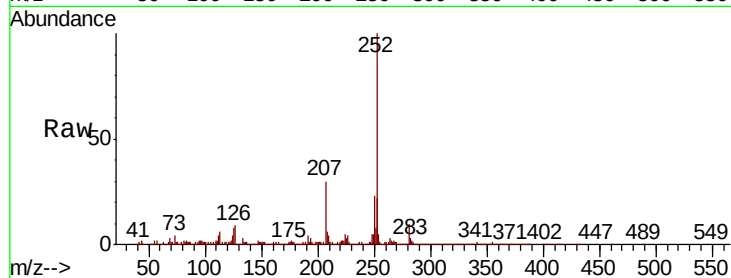
ClientSampleId :

CB6F8

Tot Ion:	252	Resp:	859109
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	7.7	5.6	8.4

Manual Integrations
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mohammad
2/10/2020 8:22:40 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.657 ng/ul

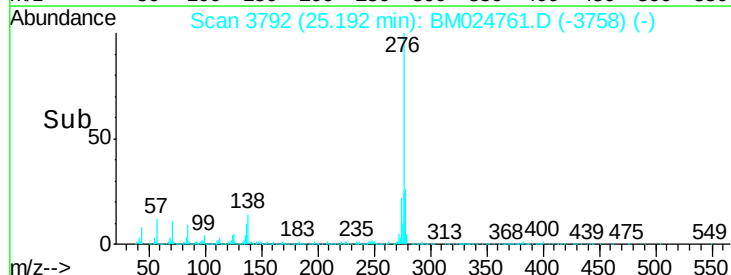
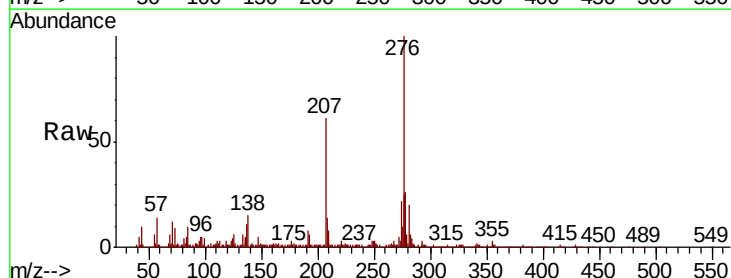
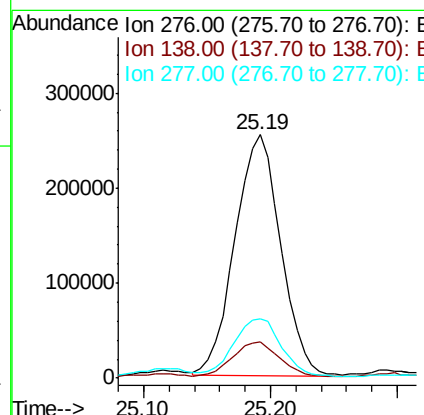
RT: 25.19 min Scan# 3792

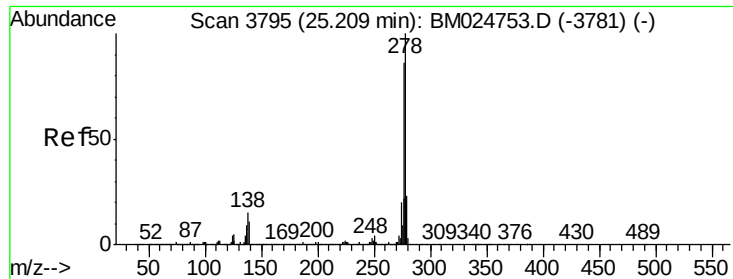
Delta R.T. 0.00 min

Lab File: BM024761.D

Acq: 07 Feb 2020 14:20

Tgt Ion:	276	Resp:	637716
Ion Ratio	Lower	Upper	
276	100		
138	14.7	12.8	19.2
277	24.6	19.3	28.9





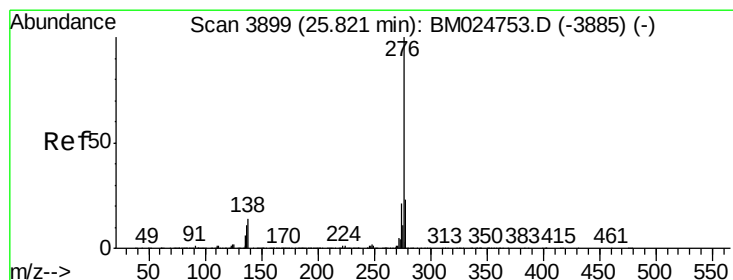
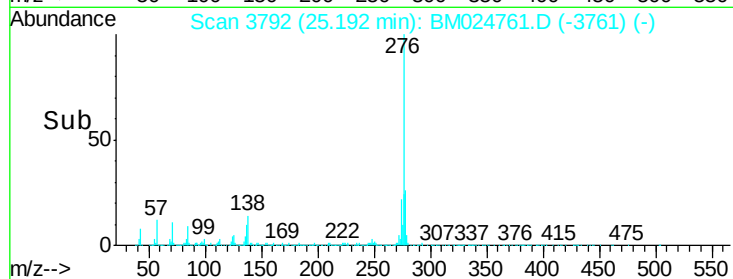
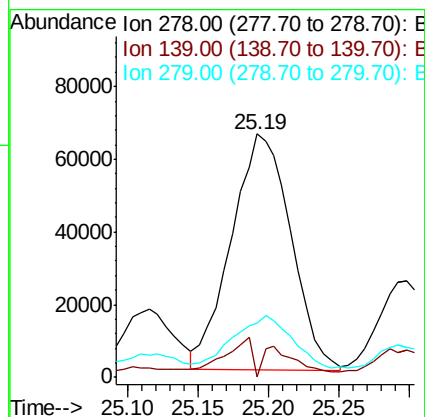
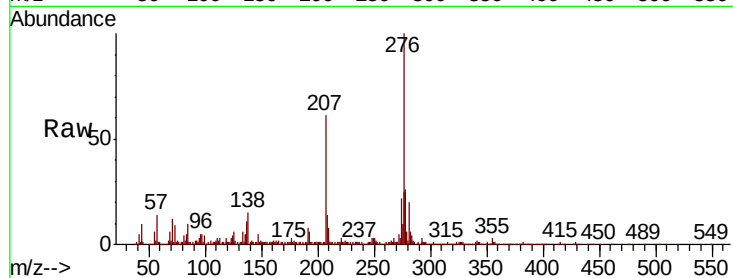
#93
Dibenzo(a,h)anthracene
Concen: 1.641 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. -0.02 min
Lab File: BM024761.D
Acq: 07 Feb 2020 14:20

Instrument :
BNA_M
ClientSampleId :
CB6F8

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.4	12.6#
279	22.2	18.5	27.7

Manual Integrations
APPROVED

mohammad
2/10/2020 8:22:40 AM



#94
Benzo(g,h,i)perylene
Concen: 4.107 ng/ul
RT: 25.82 min Scan# 3898
Delta R.T. 0.00 min
Lab File: BM024761.D
Acq: 07 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	11.8	17.6
277	23.6	19.0	28.6

