

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024751.D
 Acq On : 07 Feb 2020 07:40
 Operator : CG/JU
 Sample : L1398-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6T0

Manual Integrations
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mohammad
 2/10/2020 8:22:27 AM

Quant Time: Feb 07 16:01:53 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	7.41	152	347521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1397389	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	962655	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	2136876	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	2015622	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	2279874	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25977	3.60	ng/uL	0.00
5) Phenol-d5	6.60	99	491051	21.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	294921	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	448744	21.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	421579	21.64	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	223310	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	265415	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	500171	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	589197	26.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1601332	22.04	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1879853	22.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	215925	18.29	ng/ul	0.00
58) Fluorene-d10	15.06	176	1407660	21.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	249511	17.91	ng/ul	0.00
71) Anthracene-d10	16.92	188	2155326	22.09	ng/ul	0.00
79) Pyrene-d10	19.22	212	2480543	24.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	2625187	22.93	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.21	128	73415	1.028	ng/ul 99
45) Dimethylphthalate	13.53	163	107723	1.421	ng/ul 99
70) Phenanthrene	16.86	178	1093181	9.383	ng/ul 99
72) Anthracene	16.94	178	232355	1.966	ng/ul 99
77) Fluoranthene	18.89	202	2070150	14.473	ng/ul 100
80) Pyrene	19.25	202	1790148	13.417	ng/ul 100
83) Benzo(a)anthracene	21.02	228	1036383	7.633	ng/ul 97
85) Chrysene	21.07	228	994430	7.440	ng/ul 99
88) Benzo(b)fluoranthene	22.52	252	1337953	9.229	ng/ul 99
89) Benzo(k)fluoranthene	22.56	252	489556m	3.508	ng/ul
91) Benzo(a)pyrene	23.04	252	876053	6.740	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	25.19	276	642711	3.972	ng/ul 99
93) Dibenzo(a,h)anthracene	25.20	278	181000	1.313	ng/ul# 93
94) Benzo(g,h,i)perylene	25.81	276	598798	4.449	ng/ul 99

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

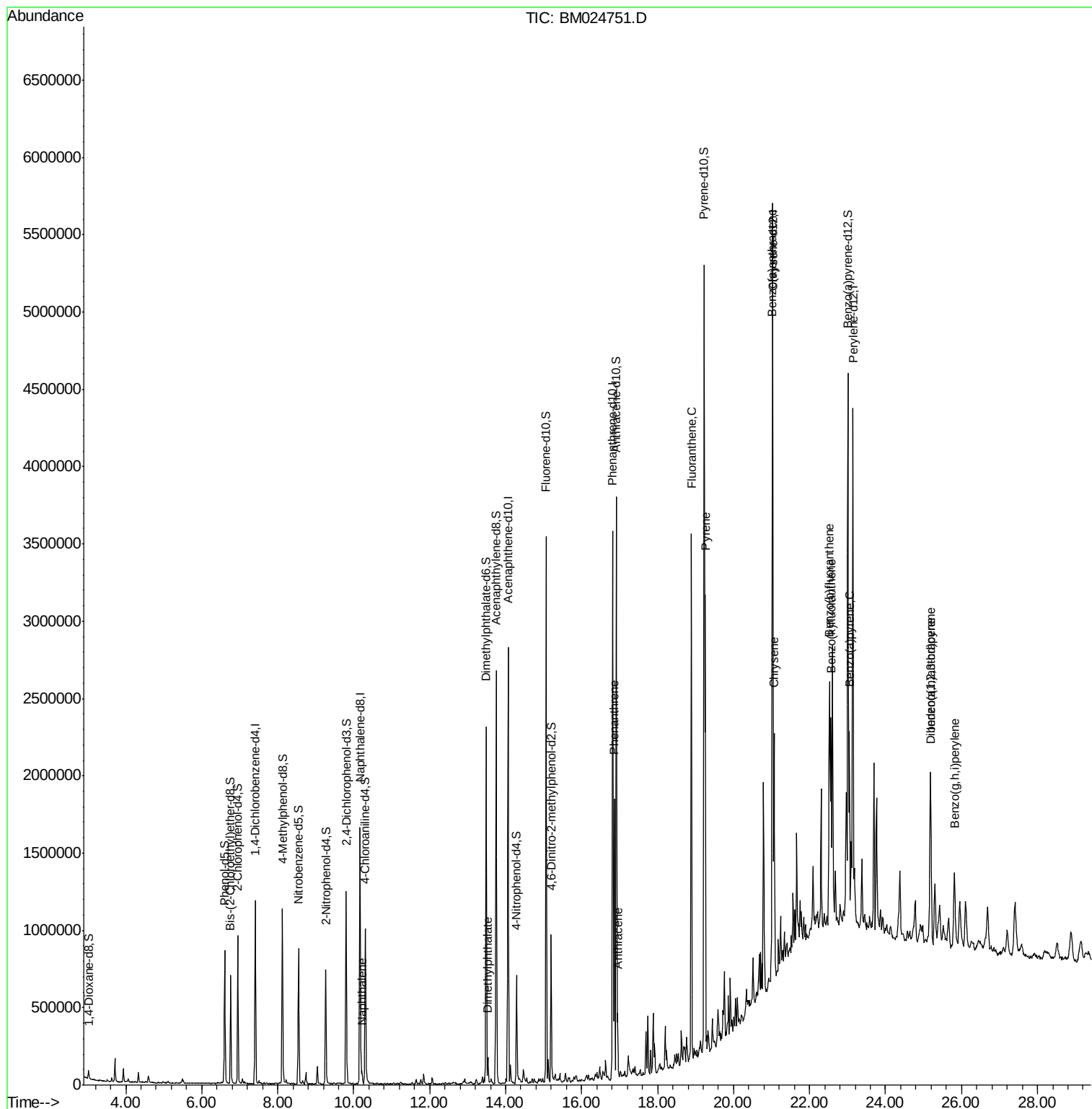
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024751.D
Acq On : 07 Feb 2020 07:40
Operator : CG/JU
Sample : L1398-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

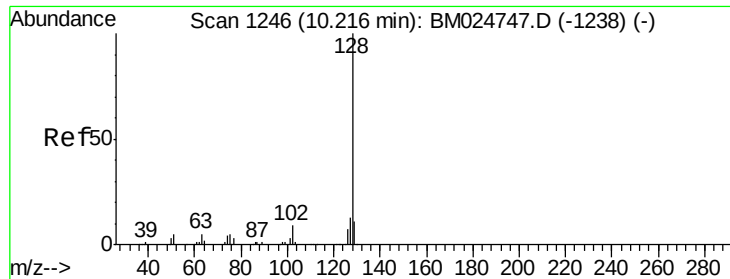
Instrument :
BNA_M
ClientSampleId :
CB6T0

Quant Time: Feb 07 16:01:53 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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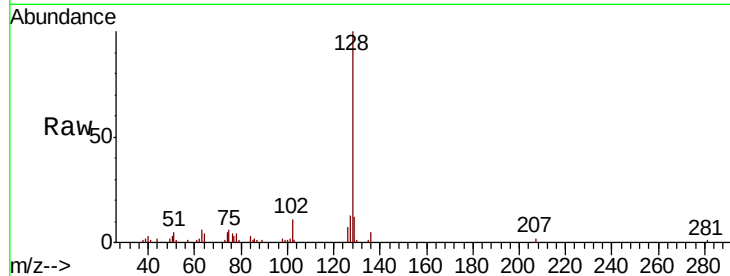
#28
Naphthalene
Concen: 1.028 ng/ul
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Instrument :
BNA_M
ClientSampleId :
CB6T0

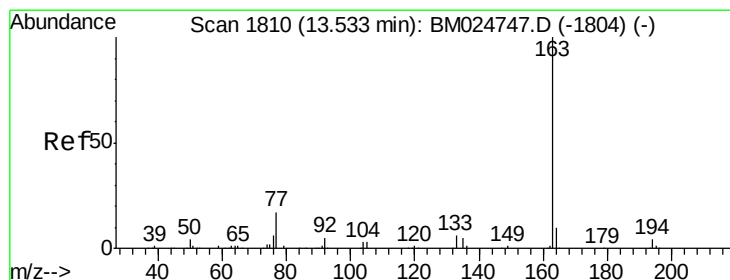
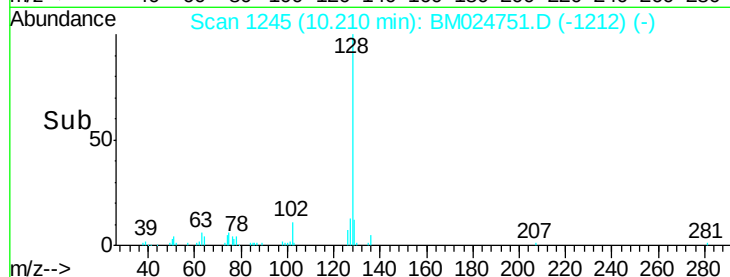
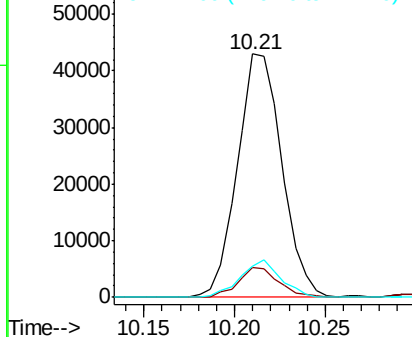
Tot Ion:128	Resp:	73415
Ion Ratio	Lower	Upper
128	100	
129	12.1	9.1 13.7
127	12.6	10.4 15.6

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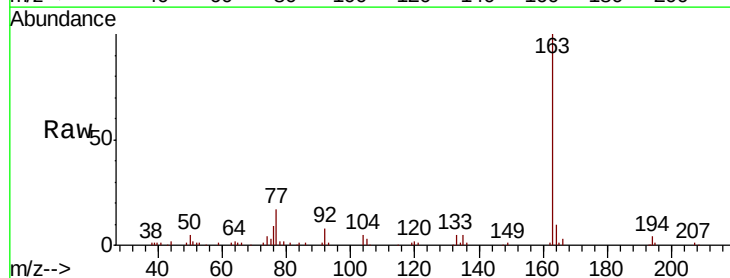


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

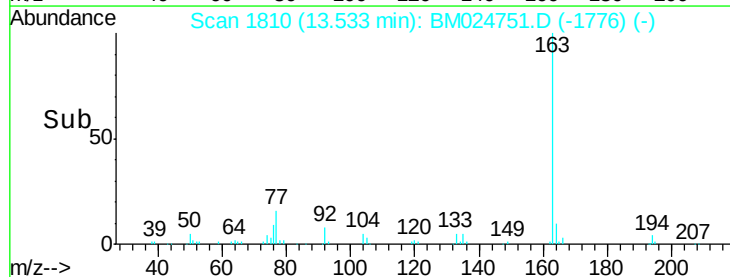
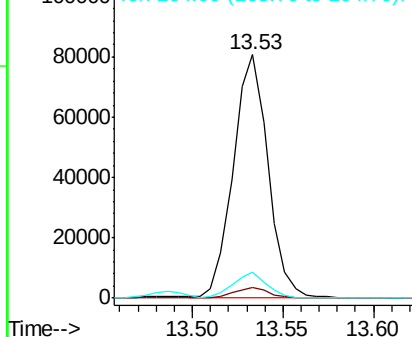


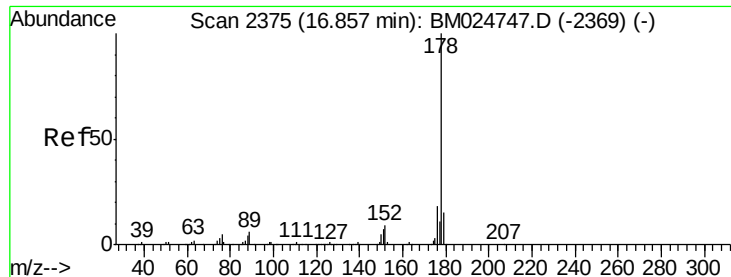
#45
Dimethylphthalate
Concen: 1.421 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Tgt Ion:163	Resp:	107723
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.5 5.3
164	10.5	8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





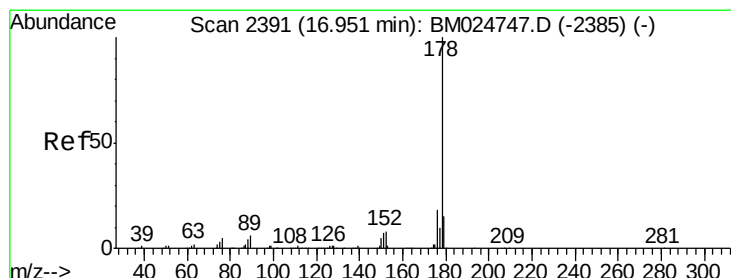
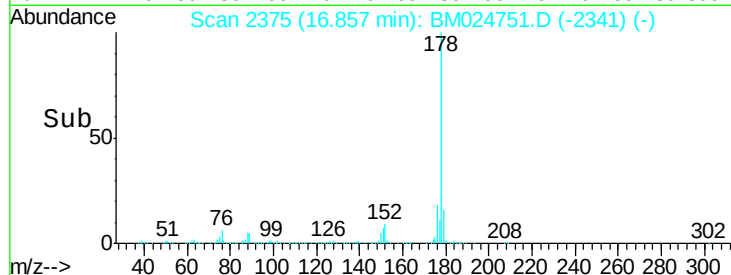
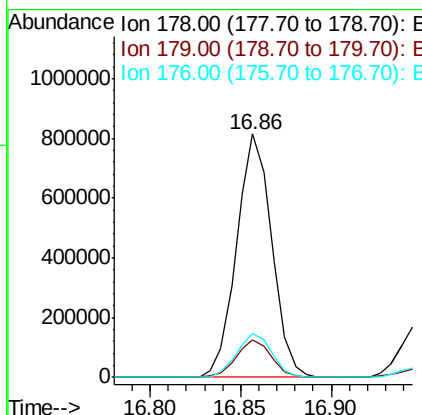
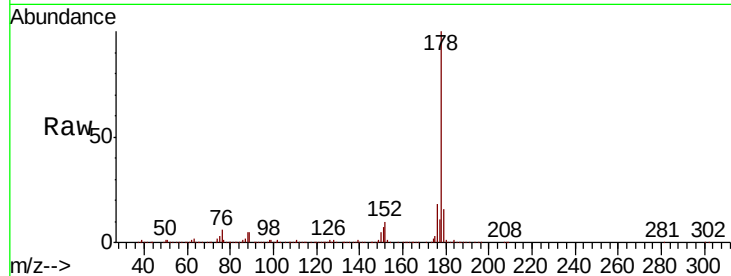
#70
Phenanthrene
Concen: 9.383 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Instrument :
BNA_M
ClientSampled :
CB6T0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.3	14.5	21.7

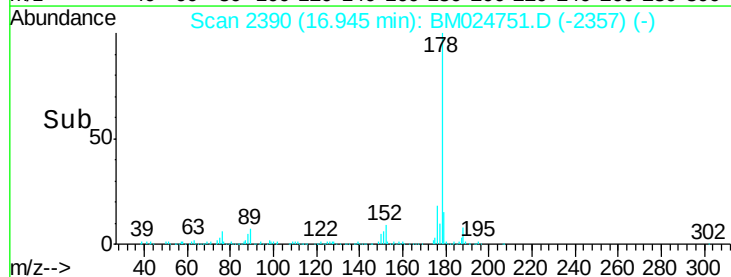
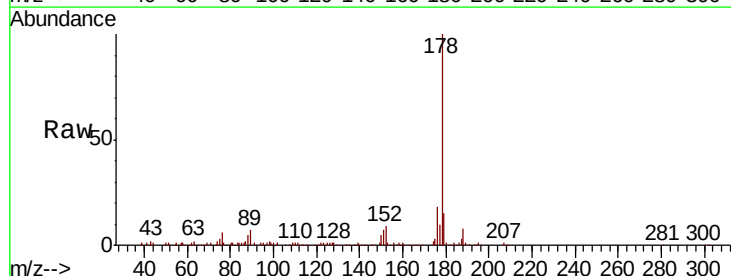
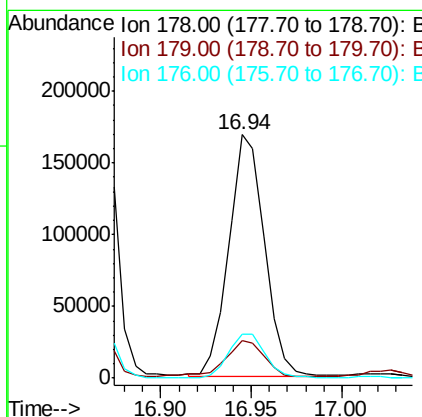
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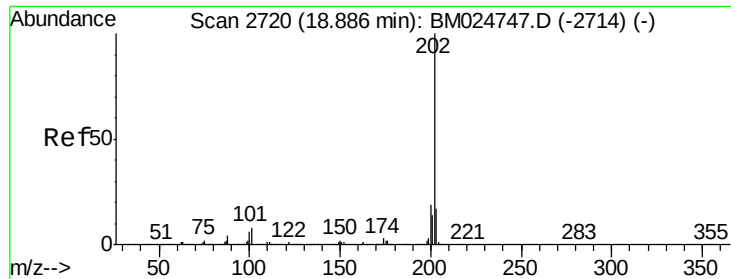
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#72
Anthracene
Concen: 1.966 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.2	14.1	21.1





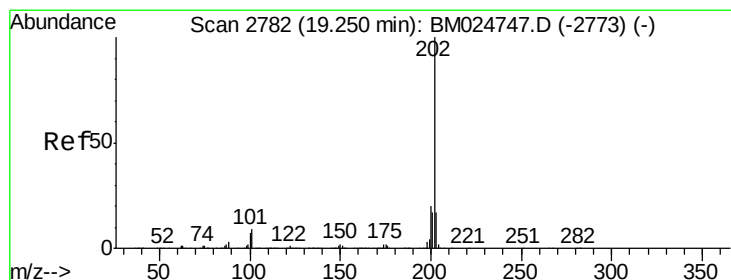
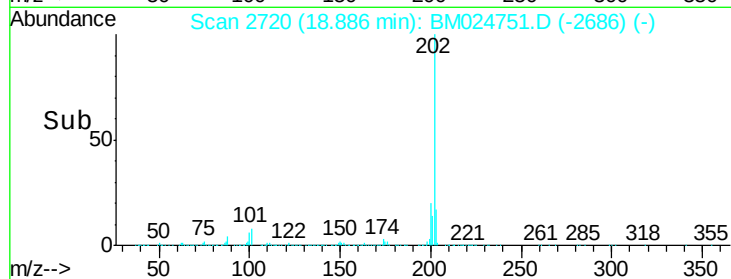
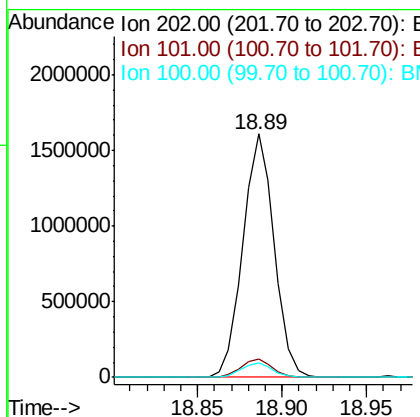
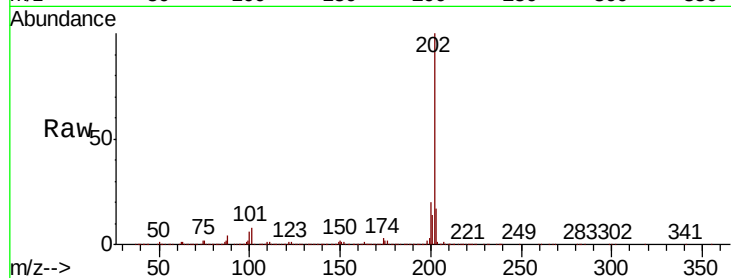
#77
 Fluoranthene
 Concen: 14.473 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024751.D
 Acq: 07 Feb 2020 07:40

Instrument :
 BNA_M
 ClientSampleId :
 CB6T0

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

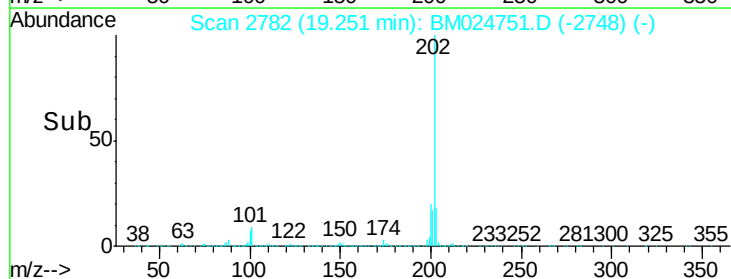
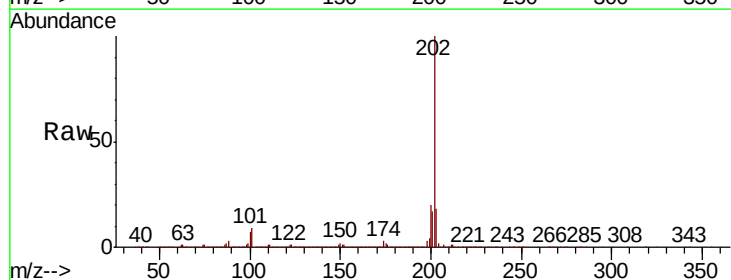
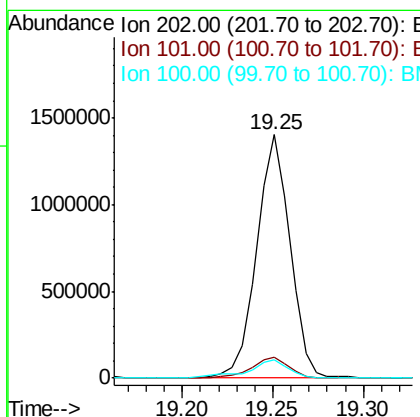
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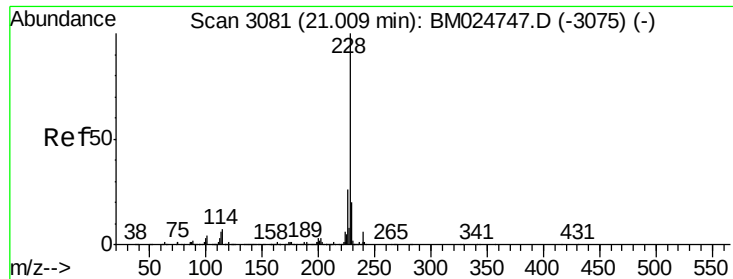
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#80
 Pyrene
 Concen: 13.417 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024751.D
 Acq: 07 Feb 2020 07:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.4	5.8	8.8





#83

Benzo(a)anthracene

Concen: 7.633 ng/ul

RT: 21.02 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM024751.D

Acq: 07 Feb 2020 07:40

Instrument :

BNA_M

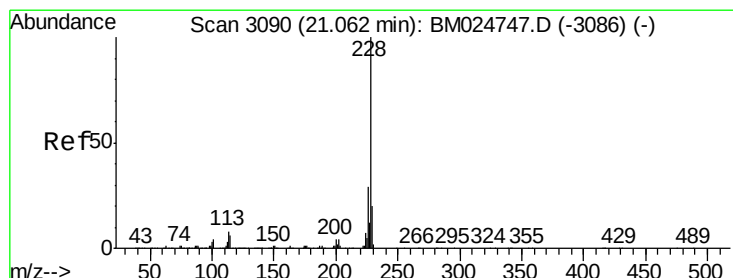
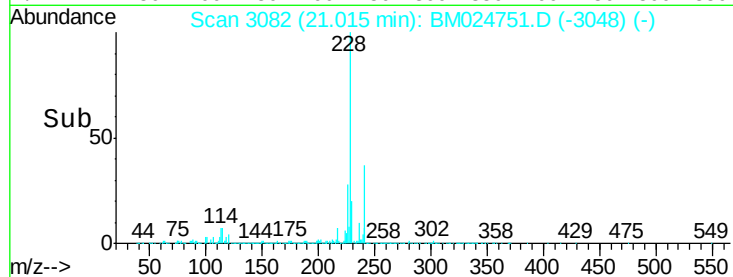
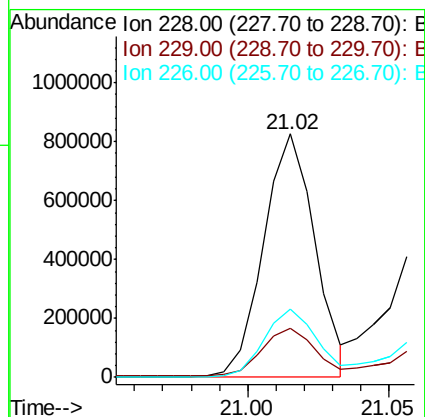
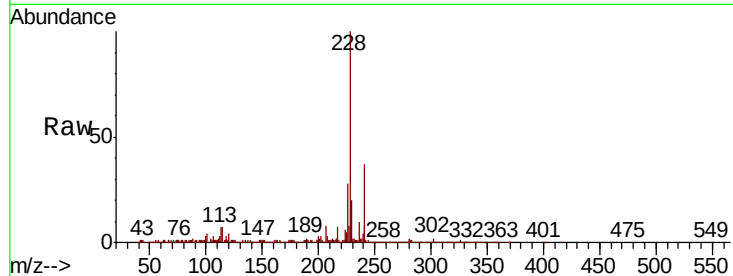
ClientSampleId :

CB6T0

Tot Ion:228	Resp: 1036383
Ion Ratio	Lower Upper
228 100	
229 20.4	15.9 23.9
226 28.2	20.8 31.2

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#85

Chrysene

Concen: 7.440 ng/ul

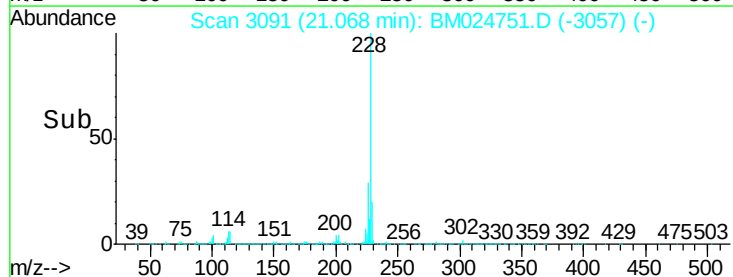
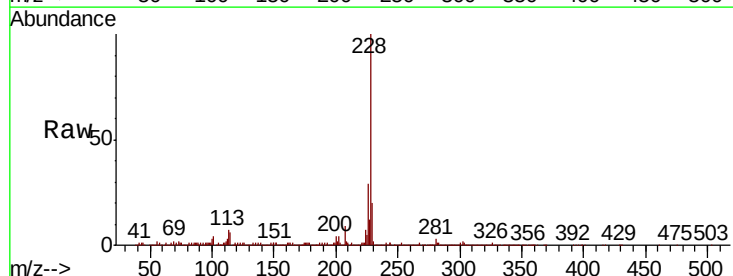
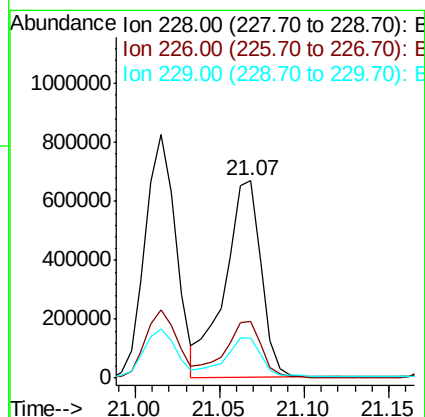
RT: 21.07 min Scan# 3091

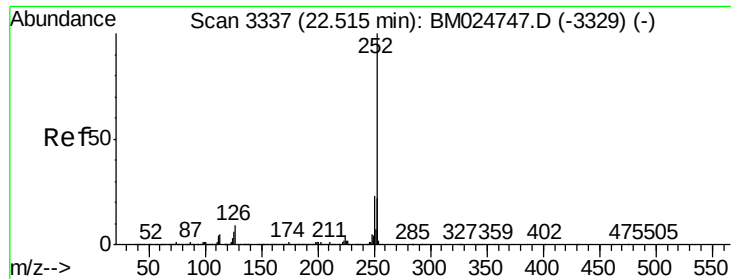
Delta R.T. 0.00 min

Lab File: BM024751.D

Acq: 07 Feb 2020 07:40

Tgt Ion:228	Resp: 994430
Ion Ratio	Lower Upper
228 100	
226 29.0	23.0 34.4
229 20.1	15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 9.229 ng/ul

RT: 22.52 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BM024751.D

Acq: 07 Feb 2020 07:40

Instrument :

BNA_M

ClientSampleId :

CB6T0

Tot Ion:252 Resp: 1337953

Ion Ratio Lower Upper

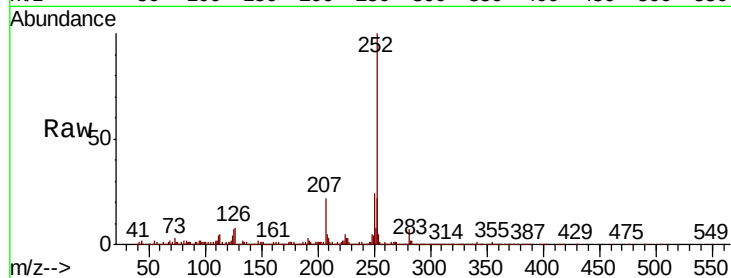
252 100

253 22.1 17.3 25.9

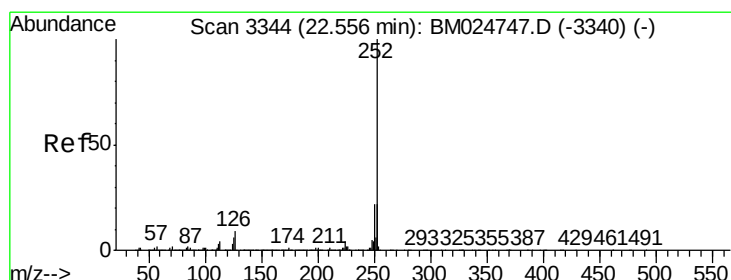
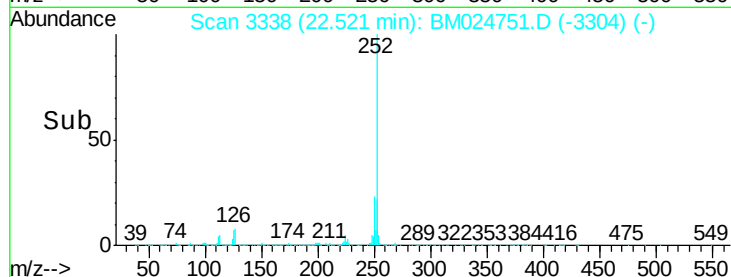
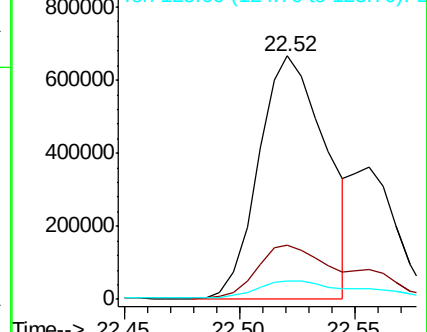
125 7.4 5.1 7.7

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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: 3.508 ng/ul m

RT: 22.56 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM024751.D

Acq: 07 Feb 2020 07:40

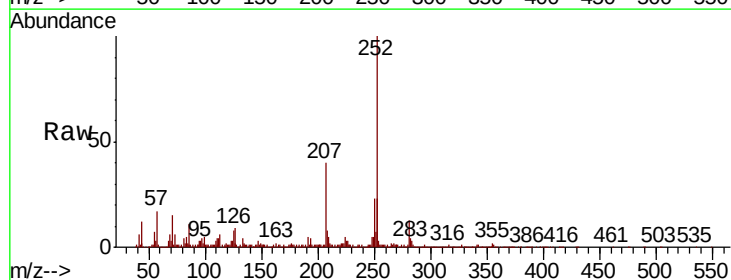
Tgt Ion:252 Resp: 489556

Ion Ratio Lower Upper

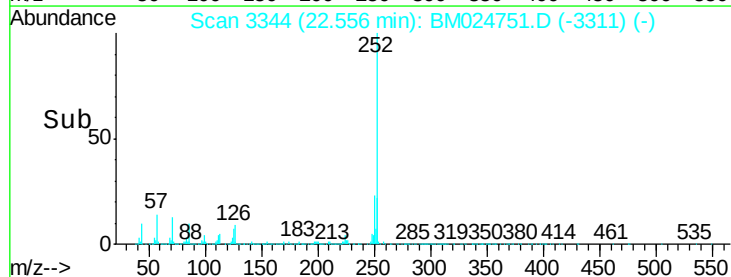
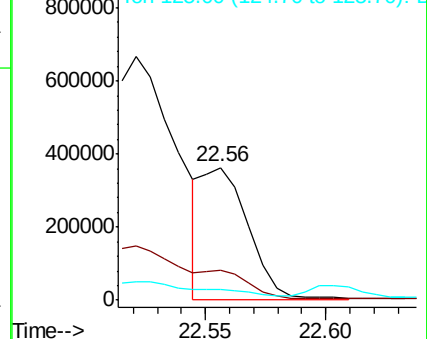
252 100

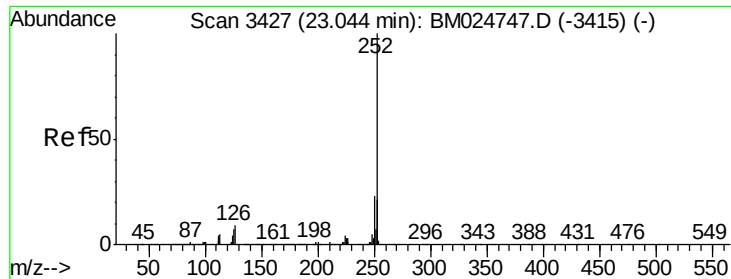
253 22.5 17.4 26.0

125 8.2 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





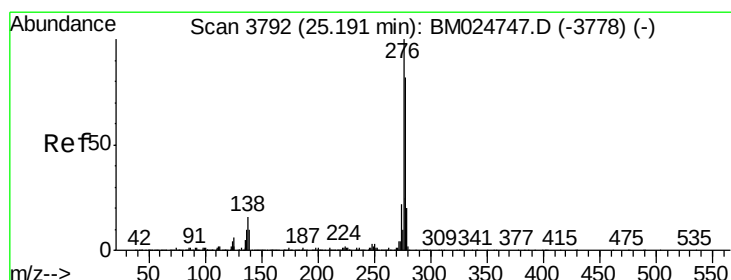
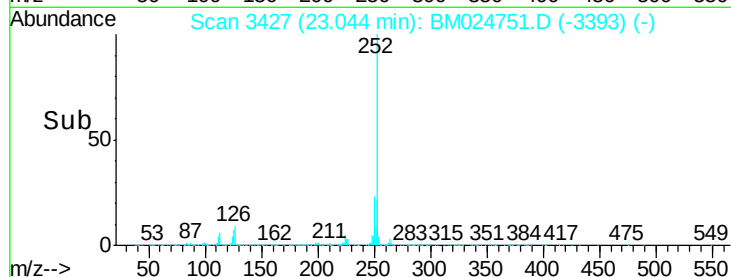
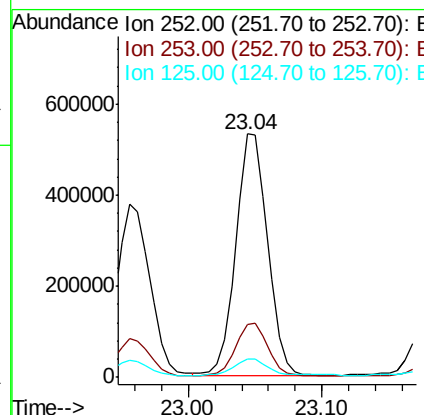
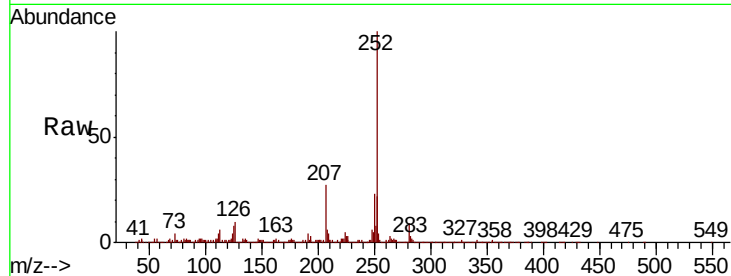
#91
Benzo(a)pyrene
Concen: 6.740 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Instrument :
BNA_M
ClientSampleId :
CB6T0

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.6	5.6	8.4

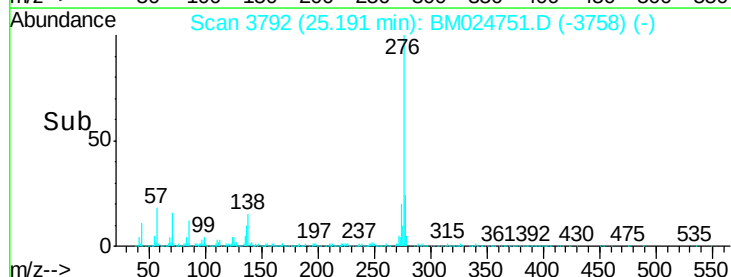
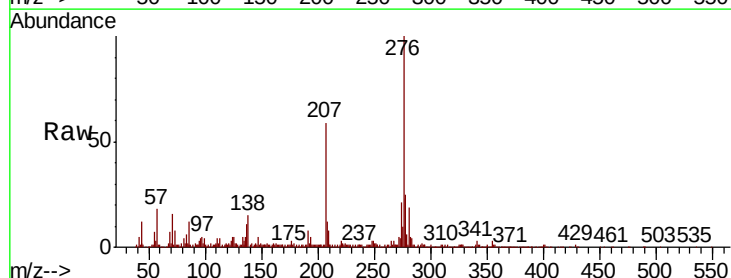
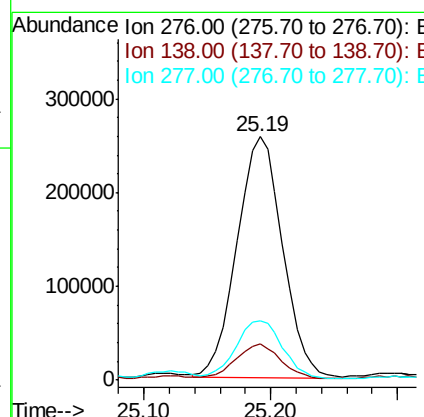
Manual Integrations
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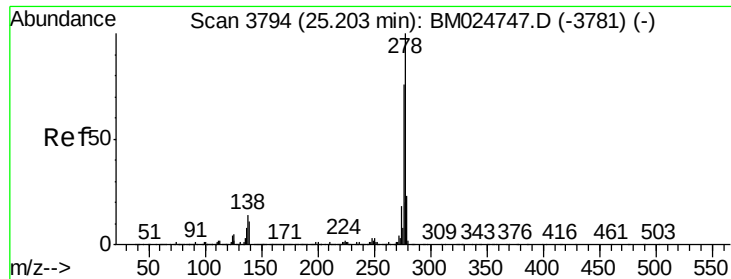
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.972 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. 0.00 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.8	19.2
277	24.6	19.3	28.9





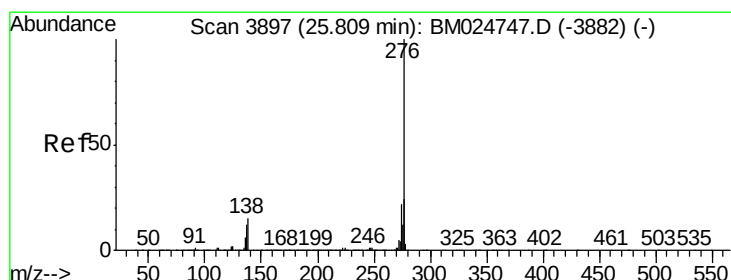
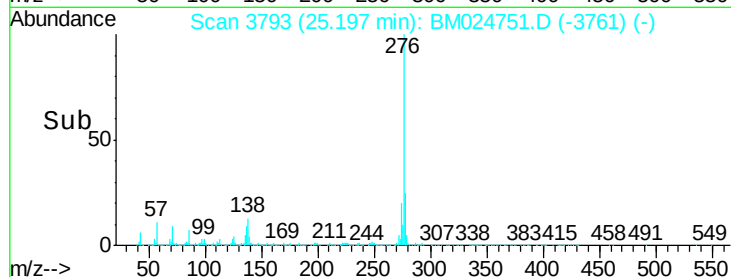
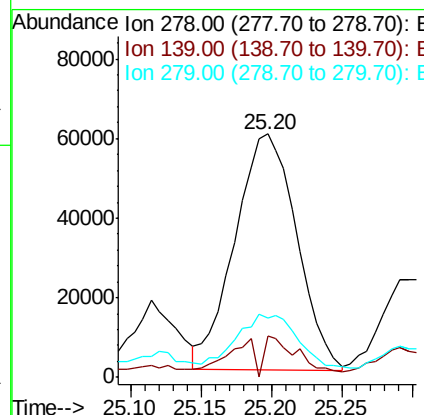
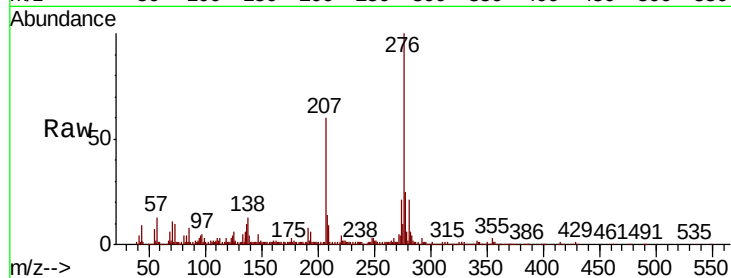
#93
Dibenzo(a,h)anthracene
Concen: 1.313 ng/ul
RT: 25.20 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Instrument :
BNA_M
ClientSampleId :
CB6T0

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	8.4	12.6#
279	24.3	18.5	27.7

Manual Integrations
APPROVED

mohammad
2/10/2020 8:22:27 AM



#94
Benzo(g,h,i)perylene
Concen: 4.449 ng/ul
RT: 25.81 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM024751.D
Acq: 07 Feb 2020 07:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.8	17.6
277	24.7	19.0	28.6

