

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024865.D
 Acq On : 13 Feb 2020 21:02
 Operator : CG/JU
 Sample : L1404-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6N2

Manual Integrations
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 2/17/2020 3:46:32 PM

Quant Time: Feb 14 06:45:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 05:59:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	437158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1596893	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	968951	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1989955	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1959658	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	2045855	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	38970	4.29	ng/uL	0.00
5) Phenol-d5	6.59	99	628463	21.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	391387	23.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	546961	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	320631	13.08	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	261023	22.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	303755	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	509136	18.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	488532	18.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1608417	21.99	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1917535	22.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	218436	18.38	ng/ul	0.00
58) Fluorene-d10	15.05	176	1398728	21.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	240953	18.58	ng/ul	0.00
71) Anthracene-d10	16.90	188	1909701	21.02	ng/ul	0.00
79) Pyrene-d10	19.20	212	2295163	23.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2414275	23.50	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.84	178	834843	7.694	ng/ul	99
72) Anthracene	16.93	178	159940	1.453	ng/ul	99
77) Fluoranthene	18.87	202	1525165	11.450	ng/ul#	96
80) Pyrene	19.23	202	1349247	10.402	ng/ul	96
83) Benzo(a)anthracene	21.00	228	812687	6.157	ng/ul	99
85) Chrysene	21.05	228	768022	5.910	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	1101867	8.470	ng/ul#	98
89) Benzo(k)fluoranthene	22.53	252	327405m	2.615	ng/ul	
91) Benzo(a)pyrene	23.02	252	686664	5.887	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.16	276	528558	3.640	ng/ul	97
93) Dibenzo(a,h)anthracene	25.16	278	152652	1.234	ng/ul#	95
94) Benzo(g,h,i)perylene	25.78	276	463511	3.838	ng/ul	98

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

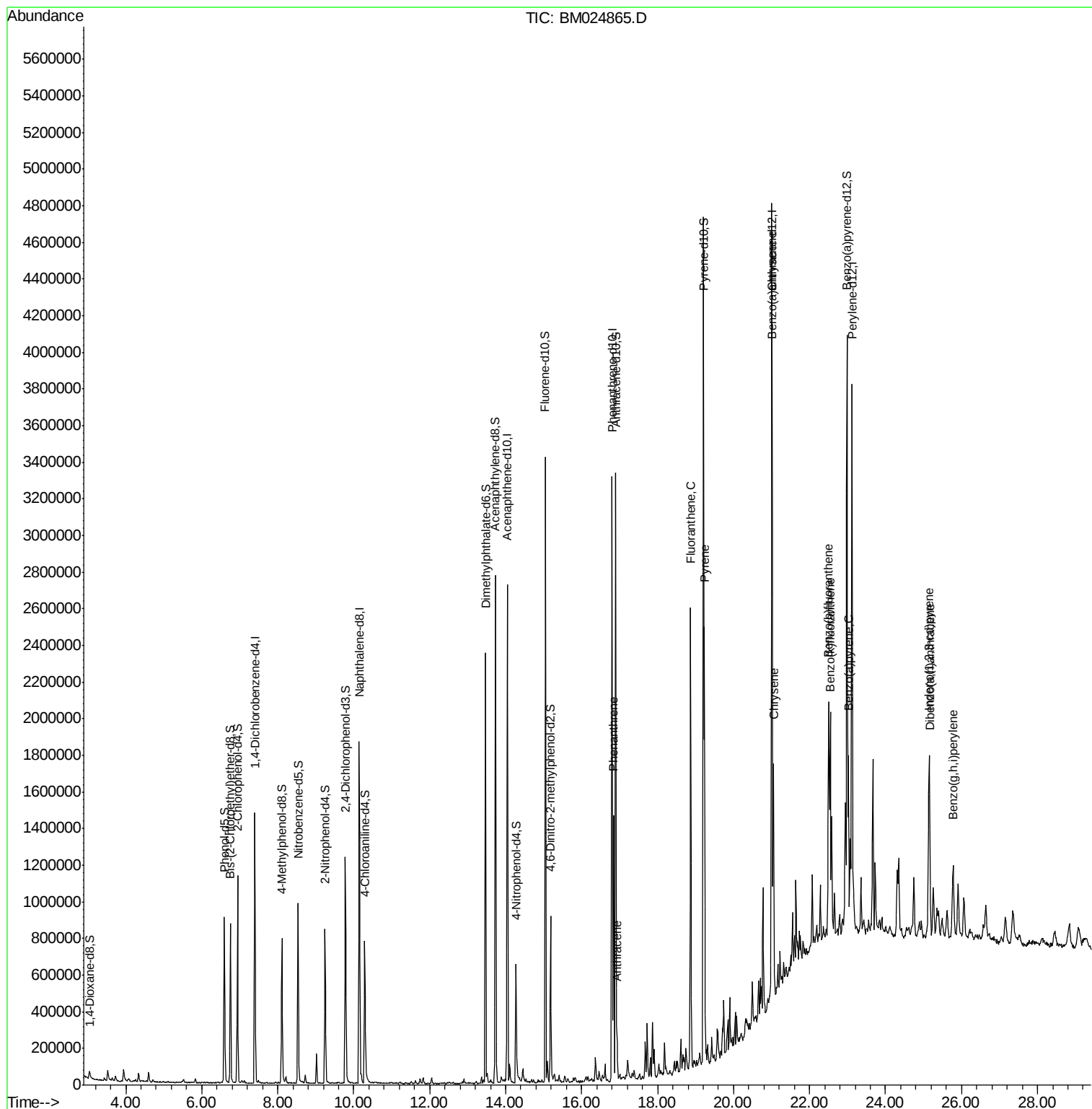
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024865.D
Acq On : 13 Feb 2020 21:02
Operator : CG/JU
Sample : L1404-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

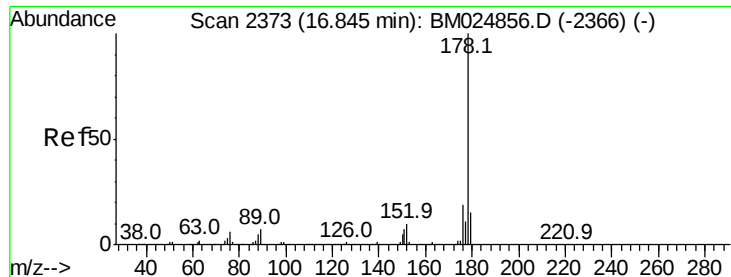
Instrument :
BNA_M
ClientSampled :
CB6N2

Quant Time: Feb 14 06:45:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 05:59:53 2020
Response via : Initial Calibration

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#70

Phenanthrene

Concen: 7.694 ng/ul

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024865.D

Acq: 13 Feb 2020 21:02

Instrument :

BNA_M

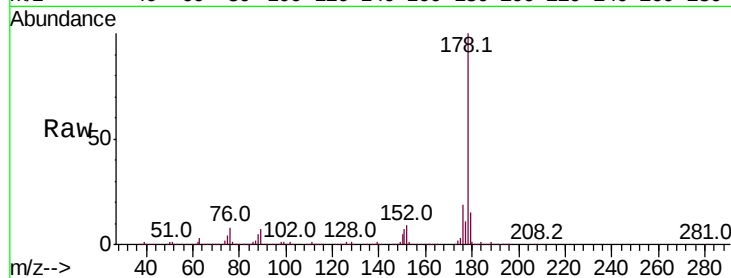
ClientSampleId :

CB6N2

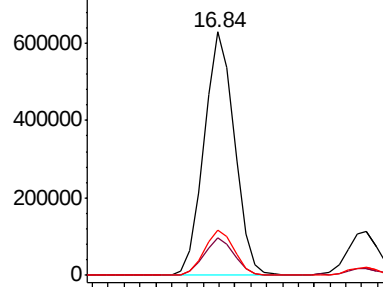
Tot Ion:178	Resp:	834843
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.2 18.2
176	18.6	14.5 21.7

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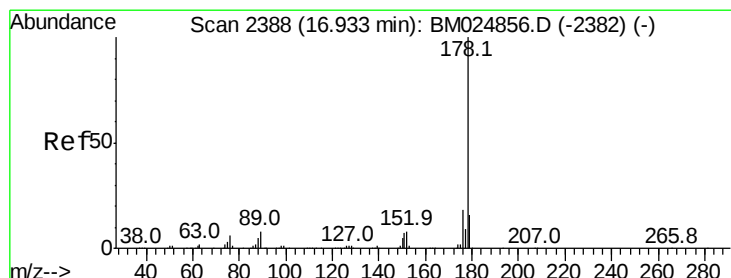
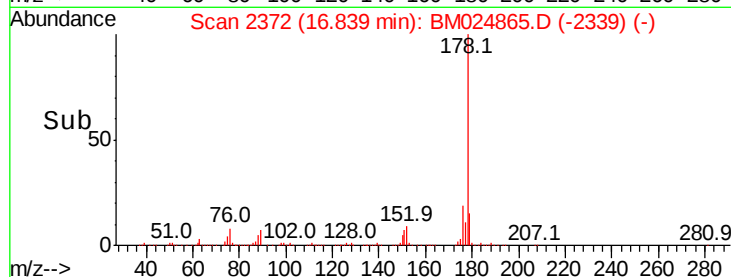
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Anthracene

Concen: 1.453 ng/ul

RT: 16.93 min Scan# 2388

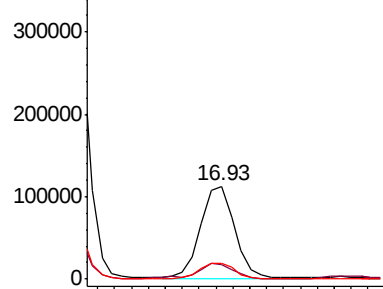
Delta R.T. 0.00 min

Lab File: BM024865.D

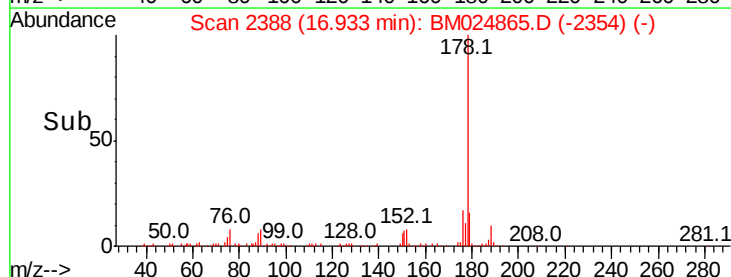
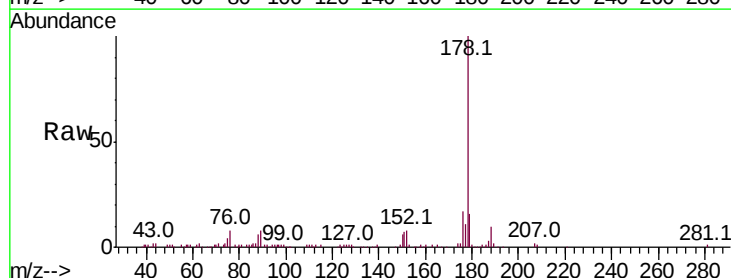
Acq: 13 Feb 2020 21:02

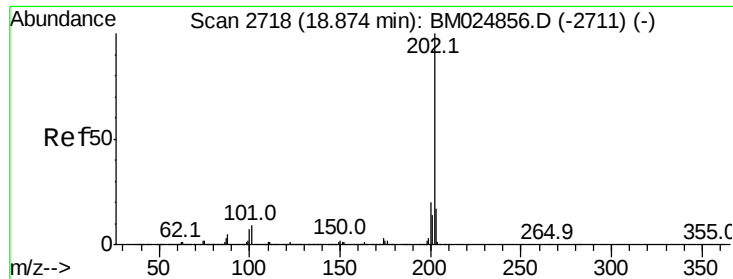
Tgt Ion:178	Resp:	159940
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.3 18.5
176	17.2	14.1 21.1

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



Time-->





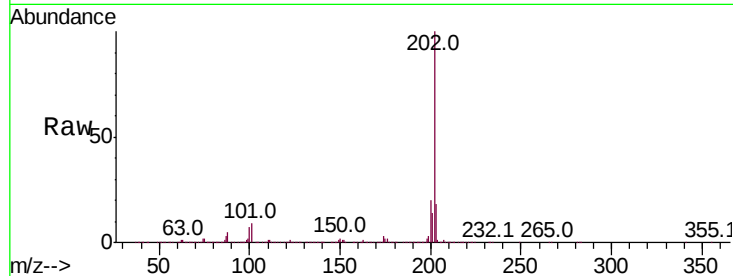
#77
 Fluoranthene
 Concen: 11.450 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. -0.01 min
 Lab File: BM024865.D
 Acq: 13 Feb 2020 21:02

Instrument :
 BNA_M
 ClientSampleId :
 CB6N2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1525165		
101	9.4		6.1	9.1#
100	7.2		4.8	7.2

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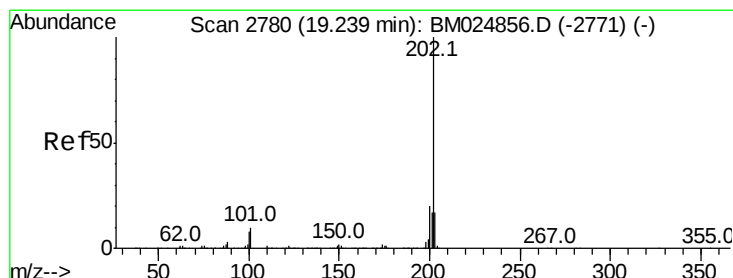
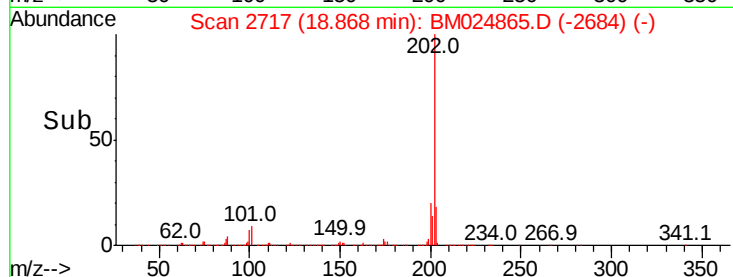
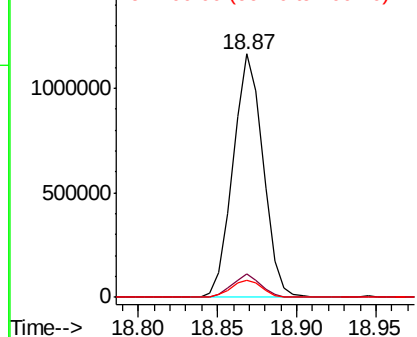


Abundance

Ion 202.00 (201.70 to 202.70): E

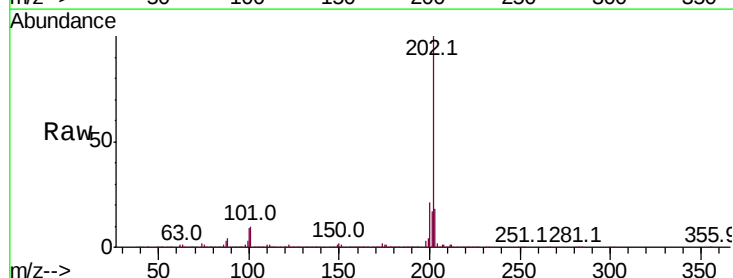
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80
 Pyrene
 Concen: 10.402 ng/ul
 RT: 19.23 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BM024865.D
 Acq: 13 Feb 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1349247		
101	10.3		7.0	10.4
100	8.6		5.8	8.8

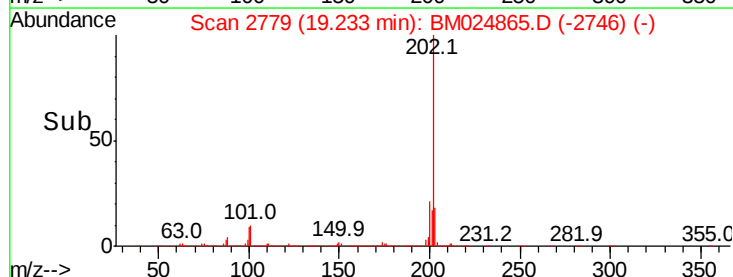
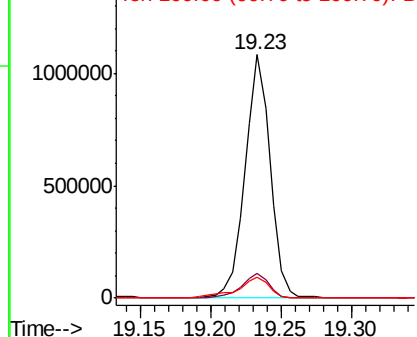


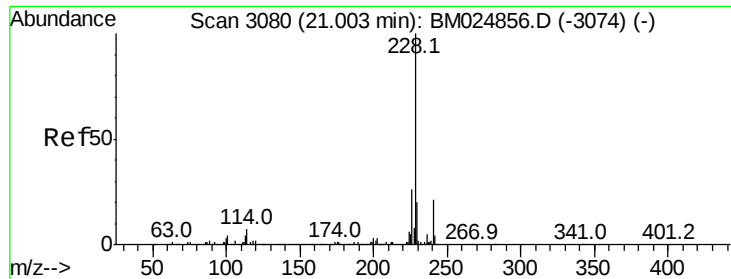
Abundance

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





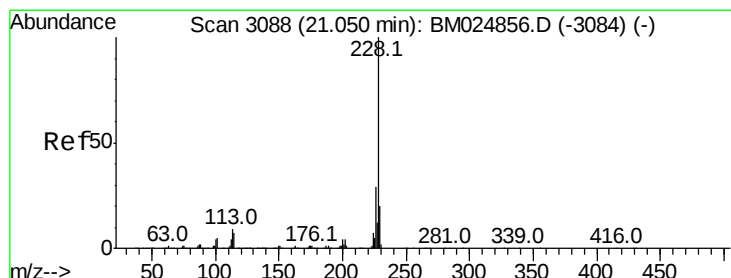
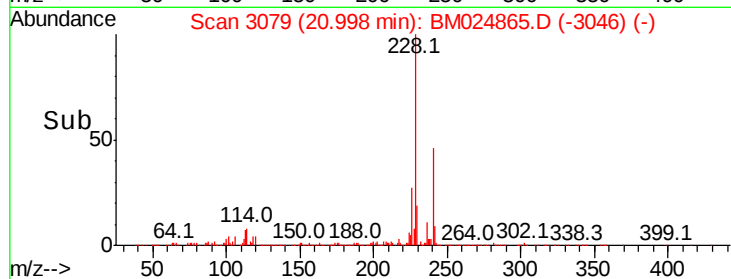
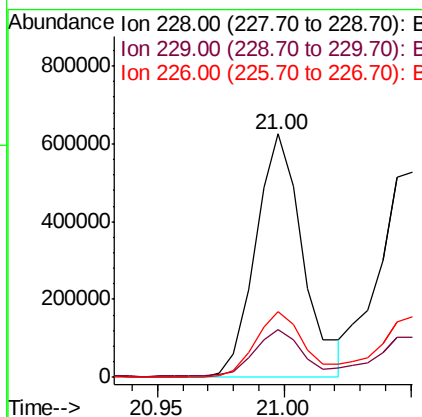
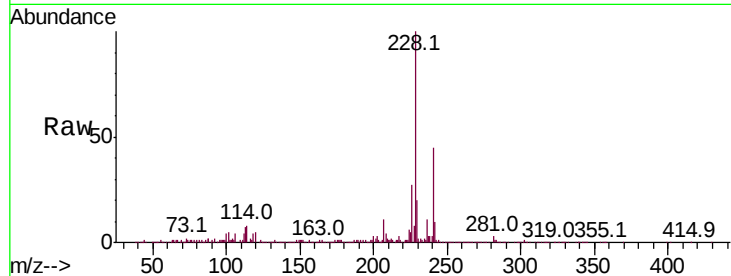
#83
Benzo(a)anthracene
Concen: 6.157 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Instrument :
BNA_M
ClientSampleId :
CB6N2

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	26.8	20.8	31.2

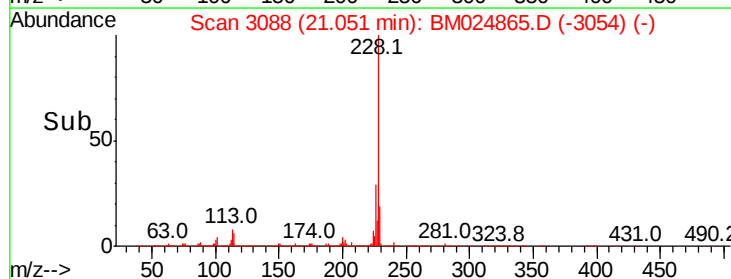
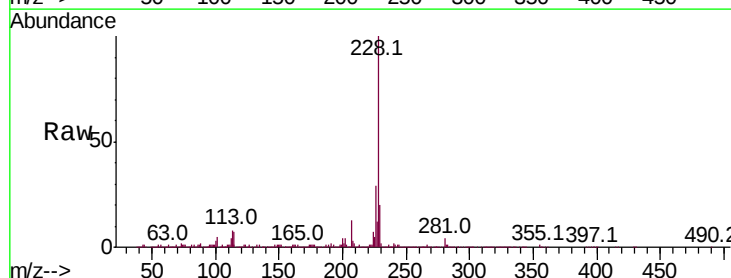
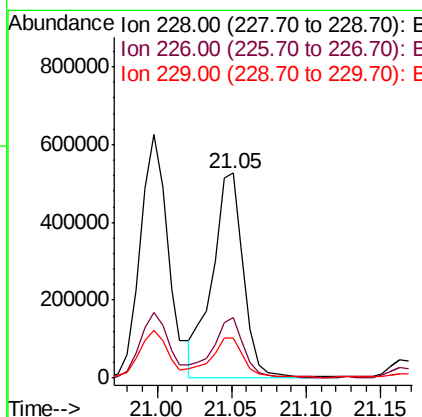
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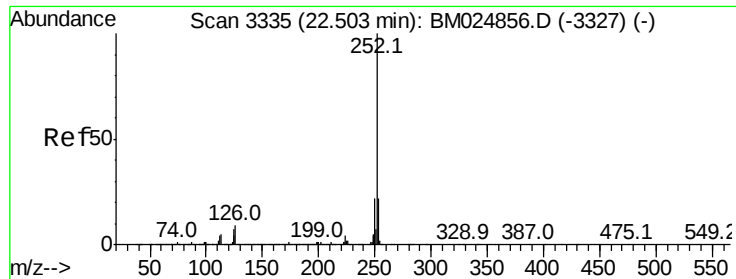
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#85
Chrysene
Concen: 5.910 ng/ul
RT: 21.05 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	19.8	15.8	23.8





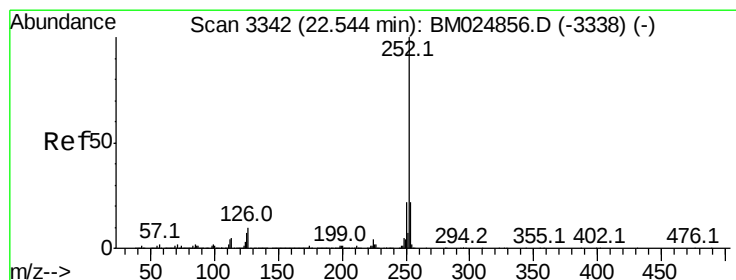
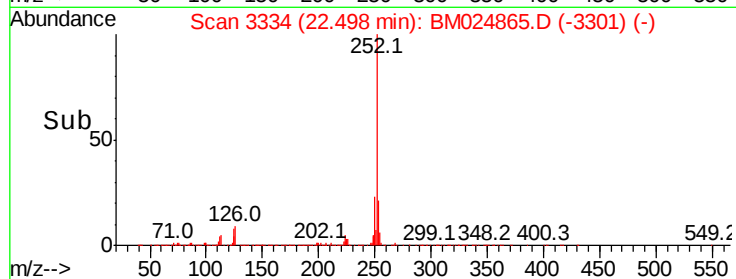
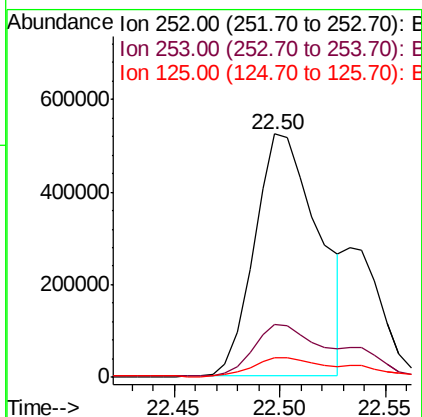
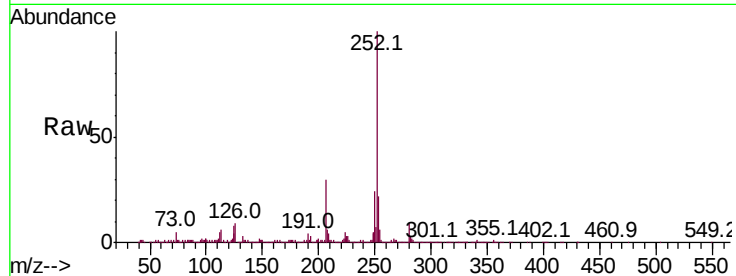
#88
Benzo(b)fluoranthene
Concen: 8.470 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Instrument :
BNA_M
ClientSampleId :
CB6N2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	8.0	5.1	7.7#

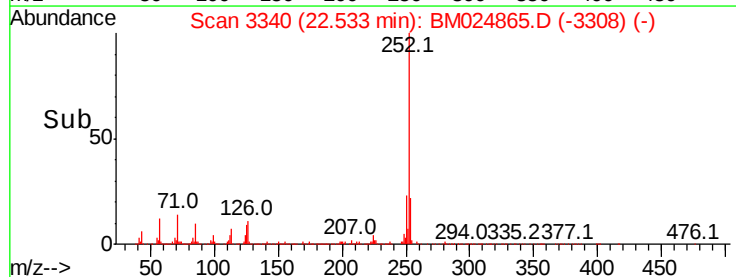
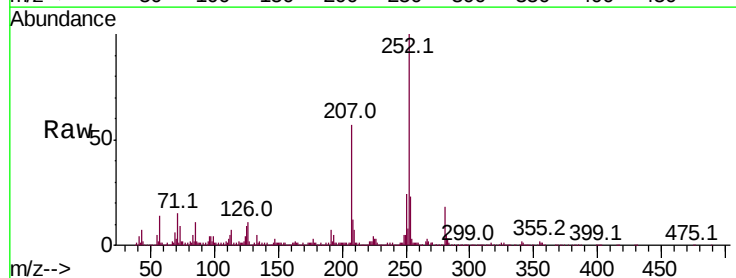
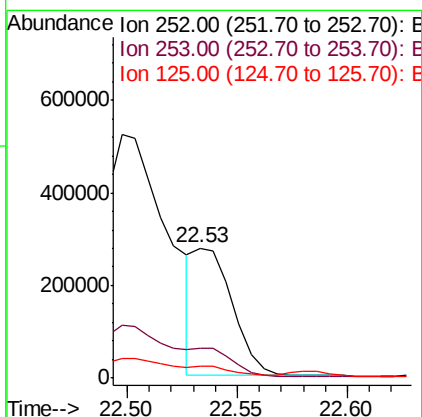
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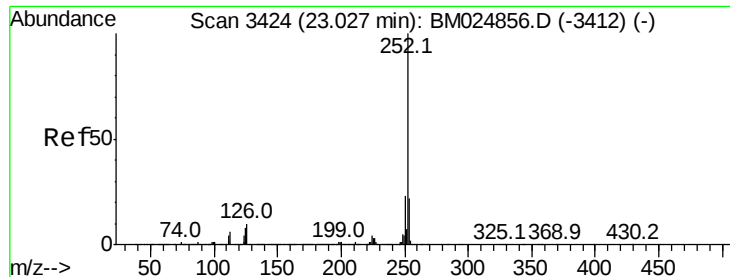
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#89
Benzo(k)fluoranthene
Concen: 2.615 ng/ul m
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	9.3	5.1	7.7#





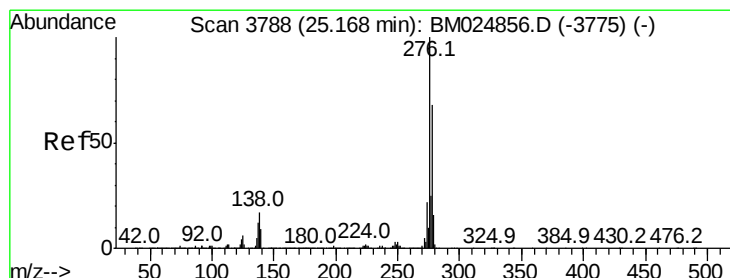
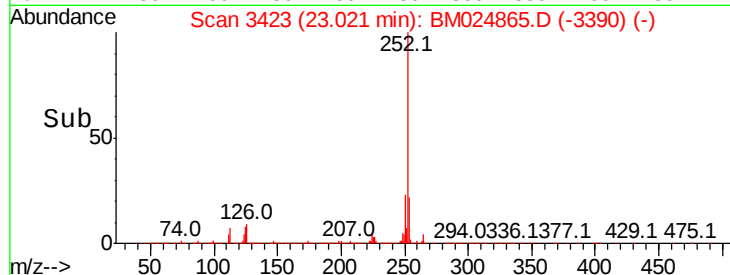
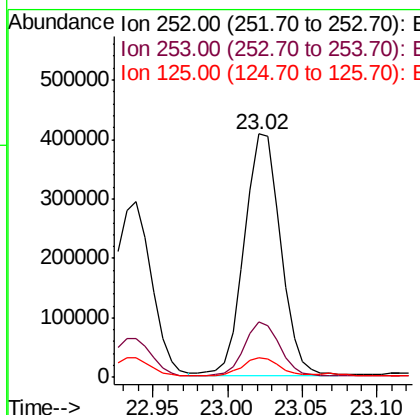
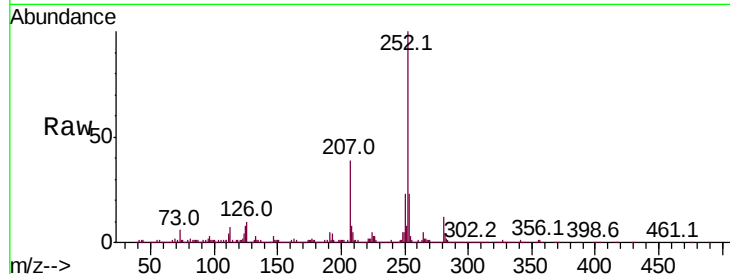
#91
Benzo(a)pyrene
Concen: 5.887 ng/ul
RT: 23.02 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Instrument :
BNA_M
ClientSampleId :
CB6N2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	8.3	5.6	8.4

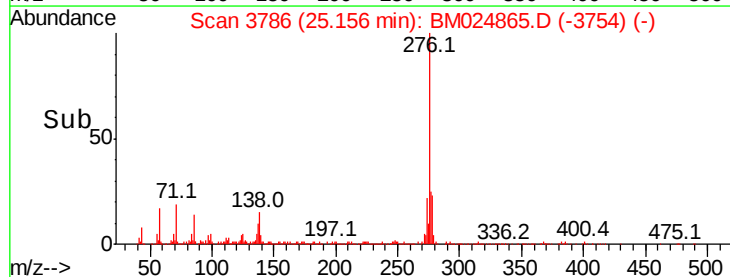
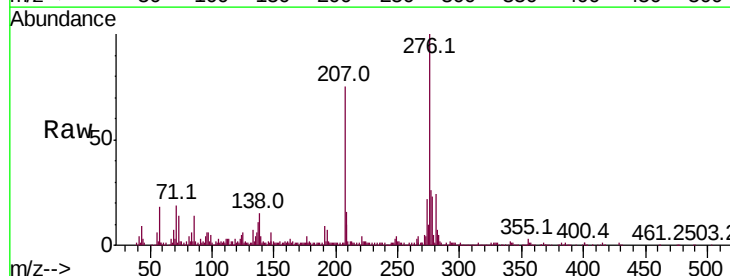
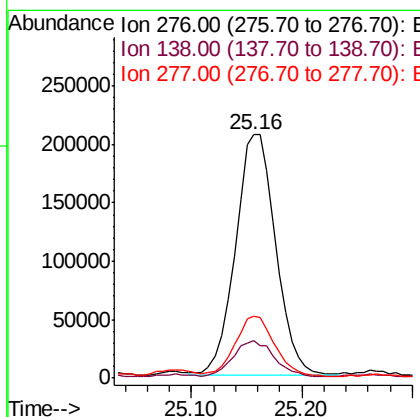
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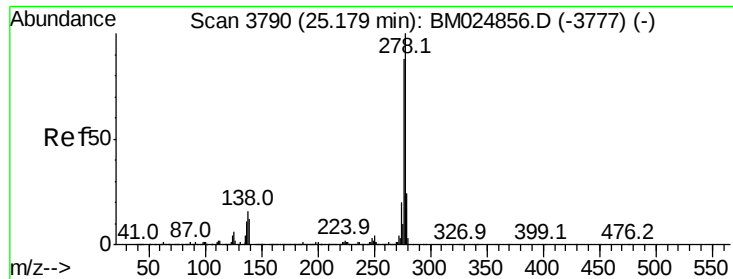
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng/ul
RT: 25.16 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.8	19.2
277	25.7	19.3	28.9





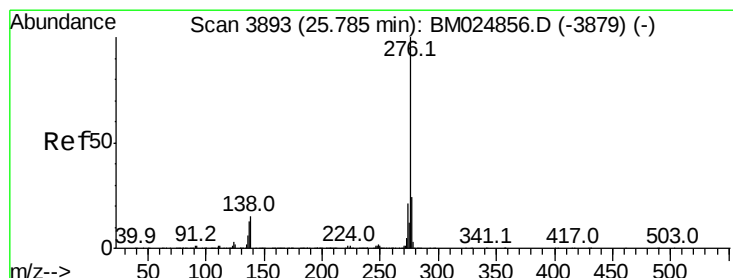
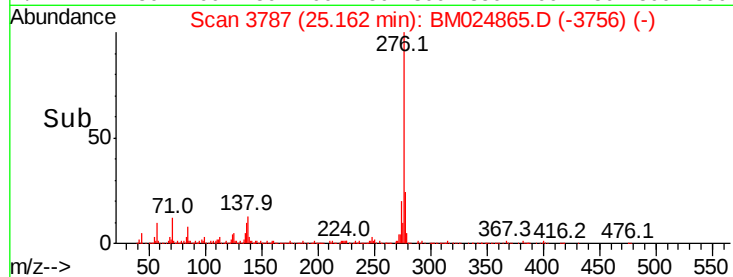
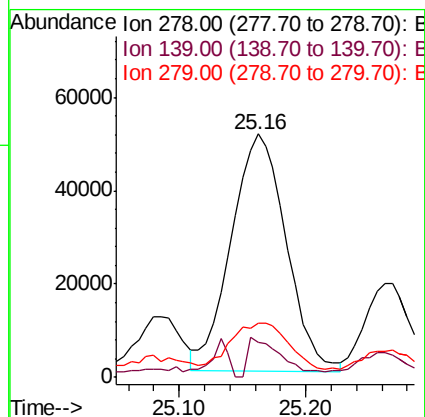
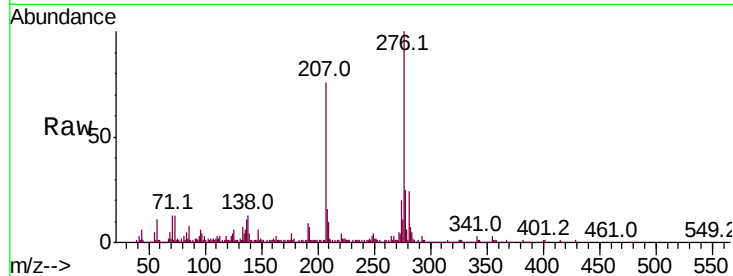
#93
Dibenzo(a,h)anthracene
Concen: 1.234 ng/ul
RT: 25.16 min Scan# 3787
Delta R.T. -0.02 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Instrument :
BNA_M
ClientSampleId :
CB6N2

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	8.4	12.6#
279	22.2	18.5	27.7

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.838 ng/ul
RT: 25.78 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BM024865.D
Acq: 13 Feb 2020 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.8	17.6
277	23.0	19.0	28.6

