

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024790.D
 Acq On : 08 Feb 2020 09:04
 Operator : CG/JU
 Sample : L1400-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H6

Manual Integrations
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 2/11/2020 8:22:31 AM

Quant Time: Feb 10 00:55:38 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	309540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1208112	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	803226	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1730045	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1694092	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1725358	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	26820	4.17	ng/uL	0.00
5) Phenol-d5	6.60	99	450121	21.89	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	294714	25.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	419760	22.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	388752	22.40	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	222315	25.45	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	262708	25.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	454279	21.82	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	568848	29.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1598974	26.37	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1682042	23.75	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	208848	21.20	ng/ul	0.00
58) Fluorene-d10	15.06	176	1317094	24.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	243095	21.56	ng/ul	0.00
71) Anthracene-d10	16.91	188	1899797	24.05	ng/ul	0.00
79) Pyrene-d10	19.22	212	2028539	23.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2016912	23.28	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	458122	4.857	ng/ul	99
72) Anthracene	16.94	178	104326	1.091	ng/ul	99
77) Fluoranthene	18.88	202	1061619	9.168	ng/ul	99
80) Pyrene	19.24	202	958519	8.548	ng/ul	99
83) Benzo(a)anthracene	21.01	228	556632	4.878	ng/ul	97
85) Chrysene	21.06	228	581884	5.179	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	884931	8.066	ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	238186m	2.256	ng/ul	
91) Benzo(a)pyrene	23.03	252	467271	4.751	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	389245	3.179	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	116746	1.119	ng/ul#	89
94) Benzo(g,h,i)perylene	25.80	276	298402	2.930	ng/ul	99

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

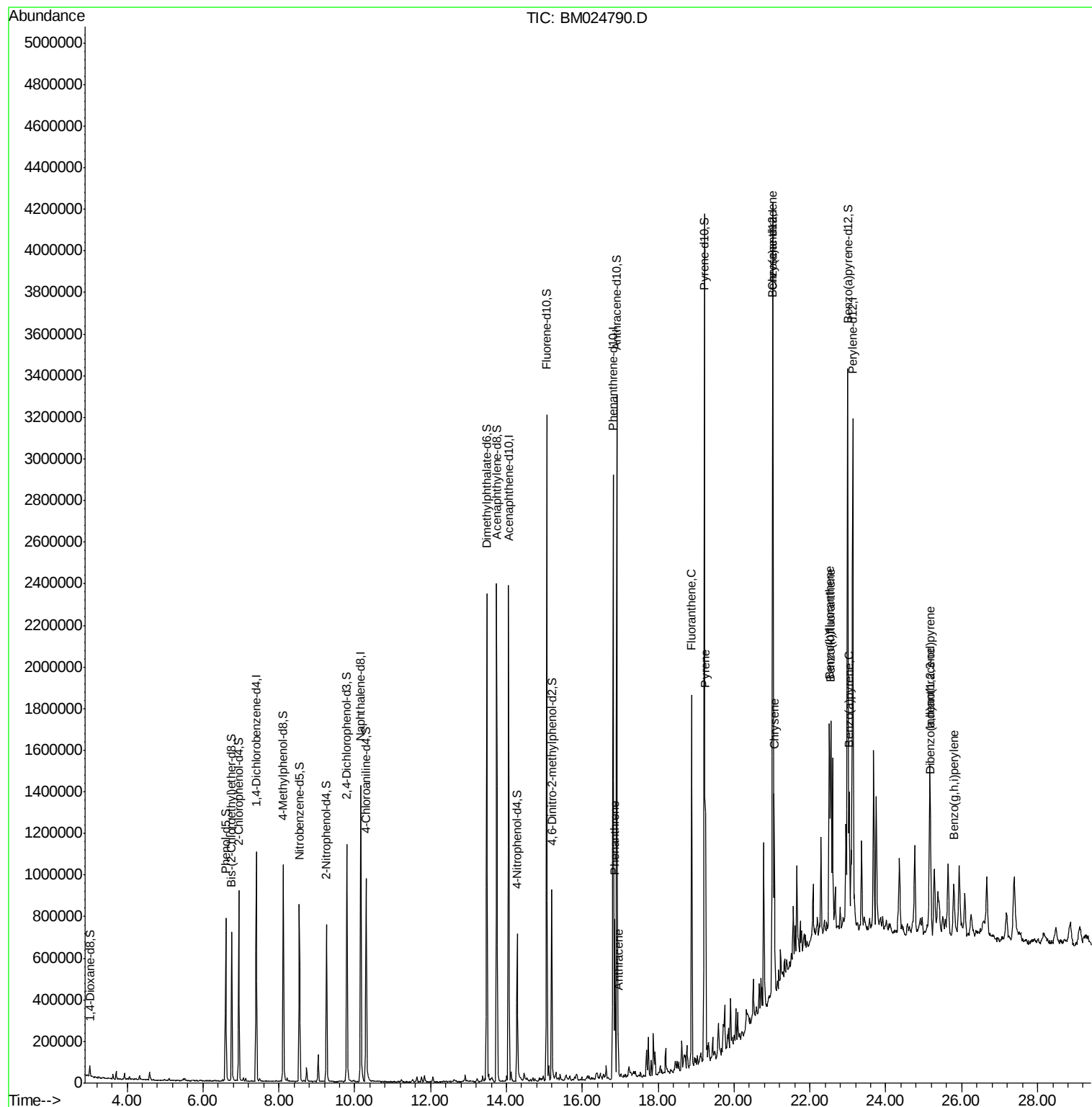
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024790.D
Acq On : 08 Feb 2020 09:04
Operator : CG/JU
Sample : L1400-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

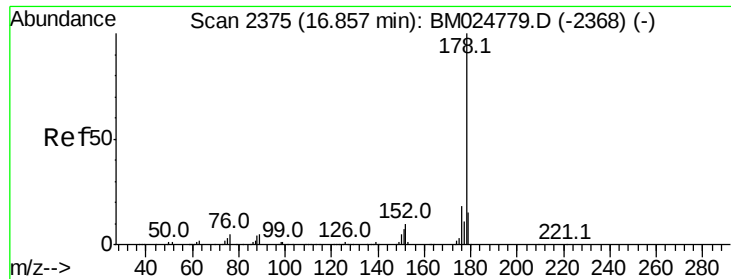
Instrument :
BNA_M
ClientSampleId :
CB6H6

Quant Time: Feb 10 00:55:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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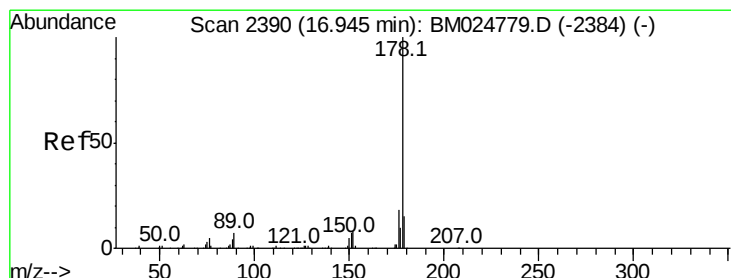
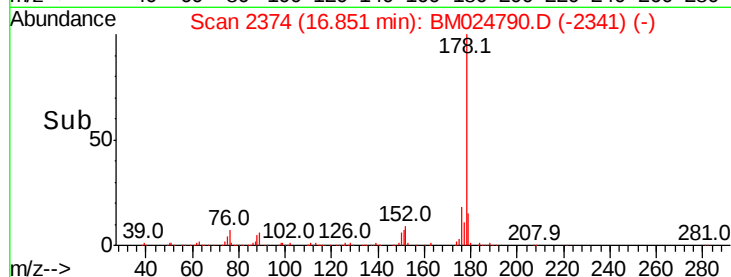
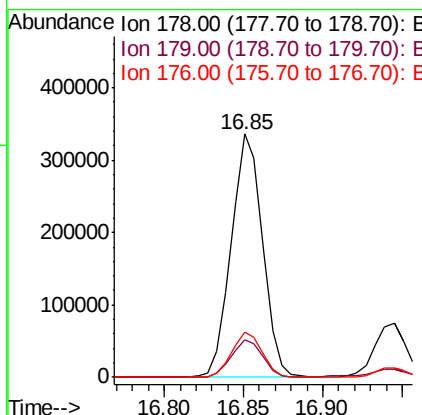
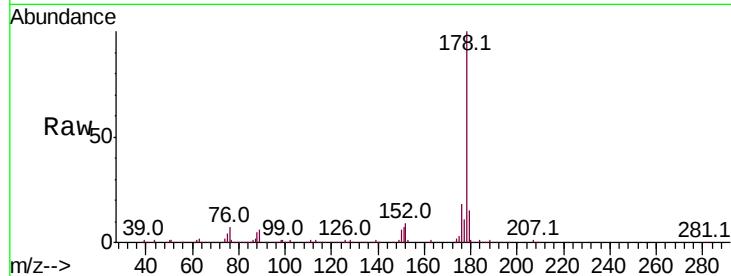
#70
Phenanthrene
Concen: 4.857 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Instrument :
BNA_M
ClientSampleId :
CB6H6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.4	14.5	21.7

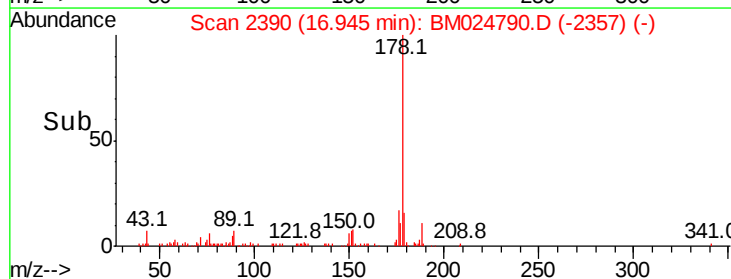
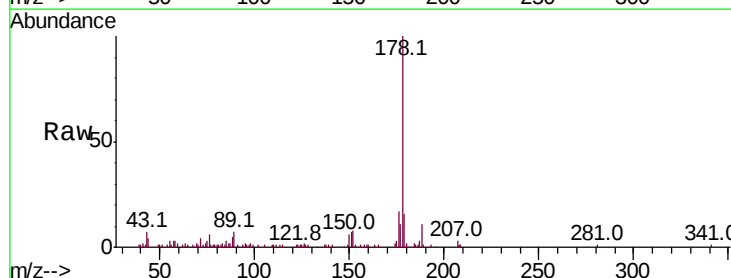
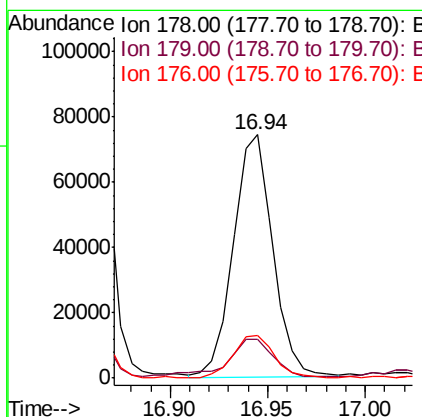
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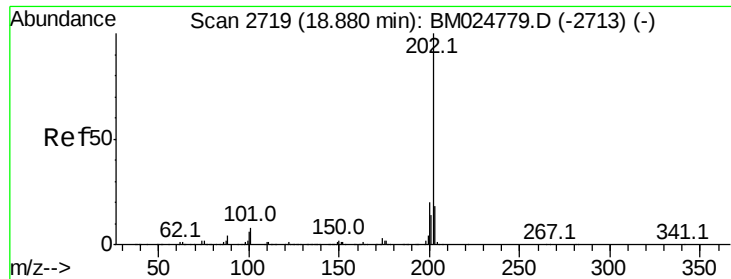
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#72
Anthracene
Concen: 1.091 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	17.4	14.1	21.1





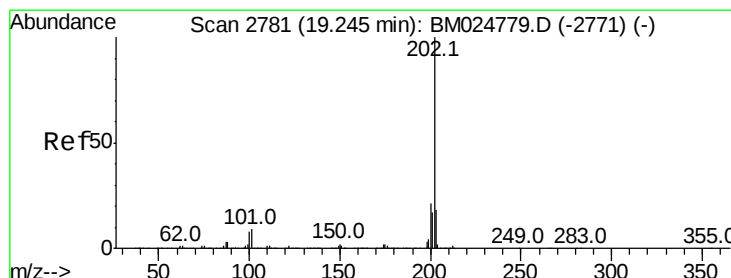
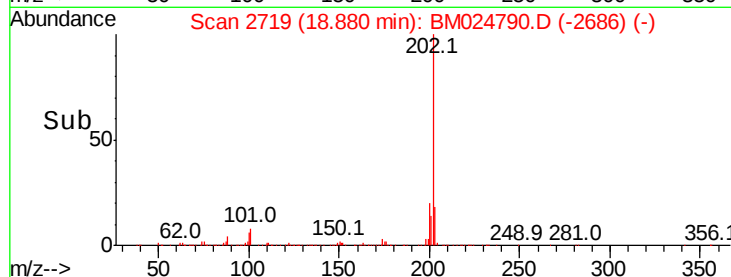
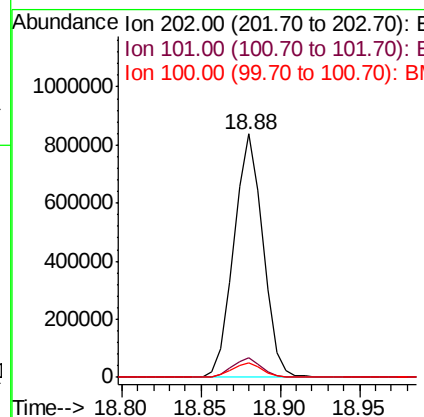
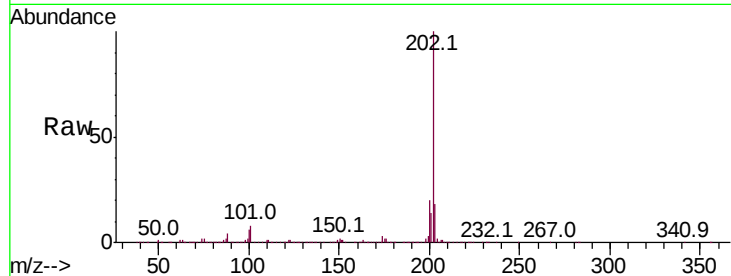
#77
Fluoranthene
 Concen: 9.168 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024790.D
 Acq: 08 Feb 2020 09:04

Instrument :
 BNA_M
 ClientSampleId :
 CB6H6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1061619		
101	7.9		6.1	9.1
100	6.1		4.8	7.2

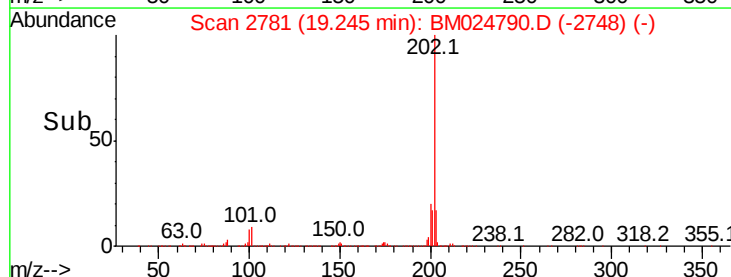
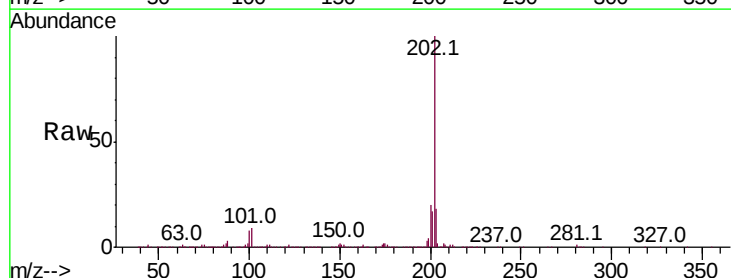
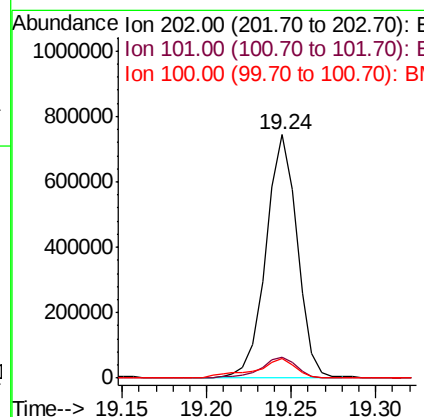
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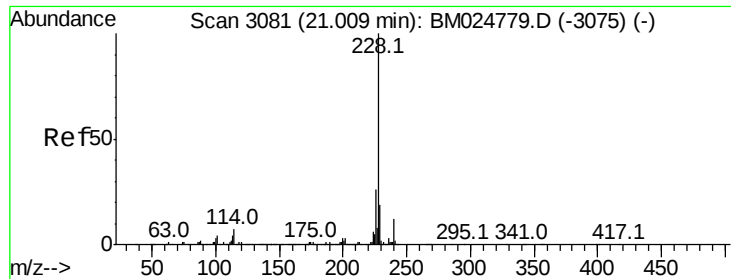
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#80
Pyrene
 Concen: 8.548 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024790.D
 Acq: 08 Feb 2020 09:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	958519		
101	8.8		7.0	10.4
100	7.8		5.8	8.8





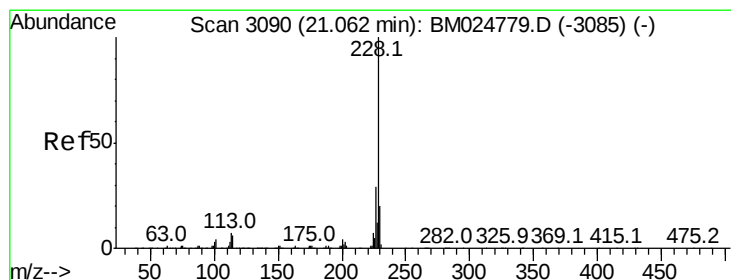
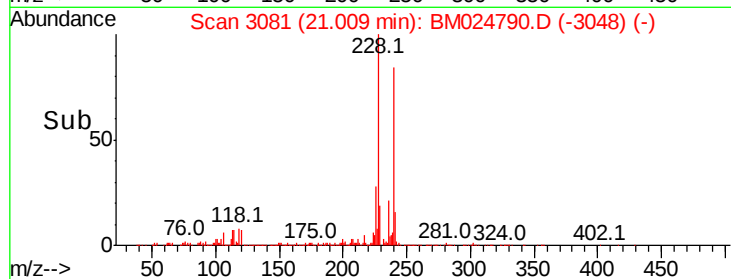
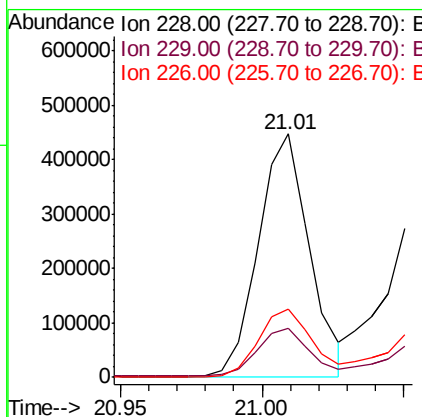
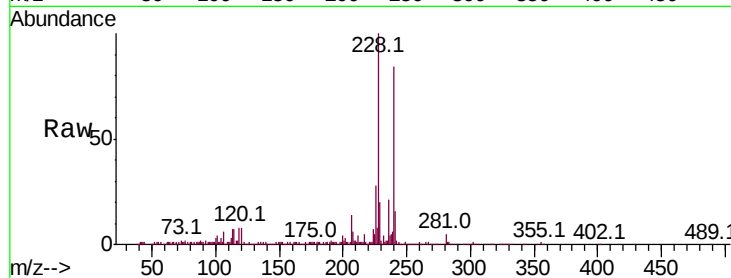
#83
Benzo(a)anthracene
Concen: 4.878 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Instrument :
BNA_M
ClientSampleId :
CB6H6

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.2	20.8	31.2

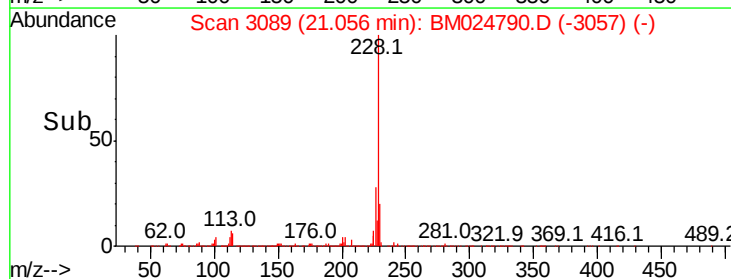
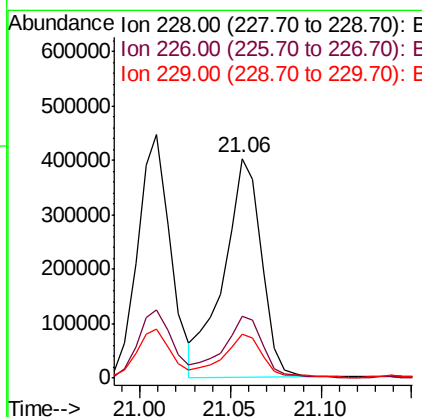
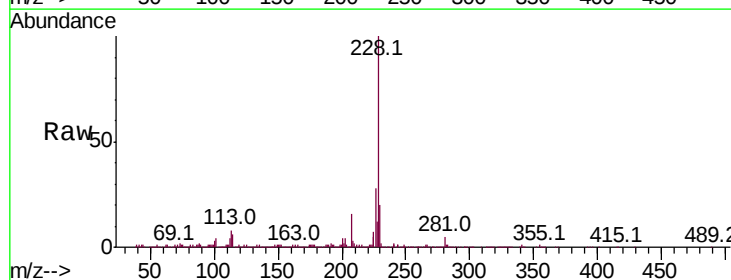
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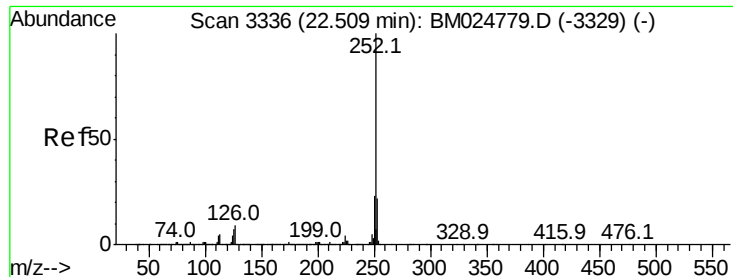
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#85
Chrysene
Concen: 5.179 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	20.1	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 8.066 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024790.D

Acq: 08 Feb 2020 09:04

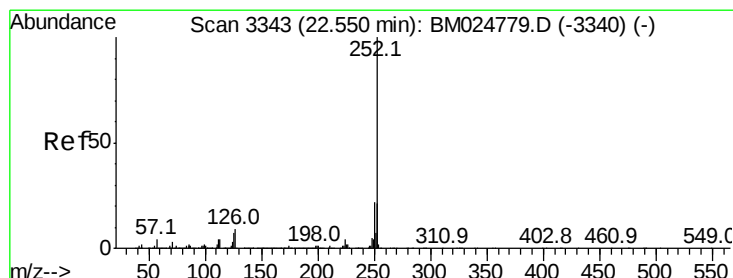
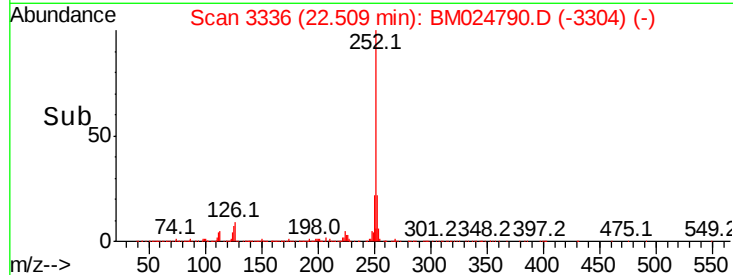
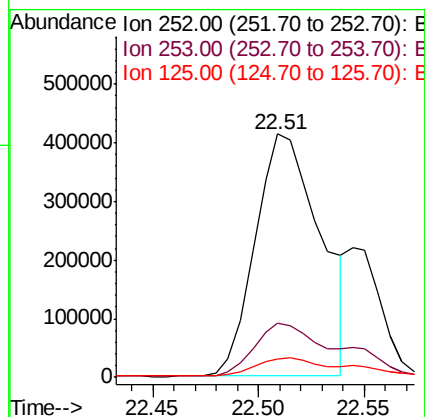
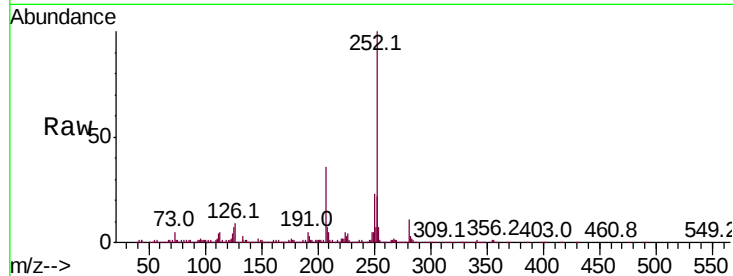
Instrument :
BNA_M

ClientSampleId :
CB6H6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.5	5.1	7.7

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#89

Benzo(k)fluoranthene

Concen: 2.256 ng/ul m

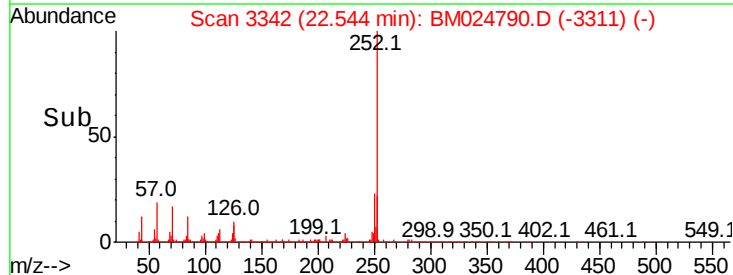
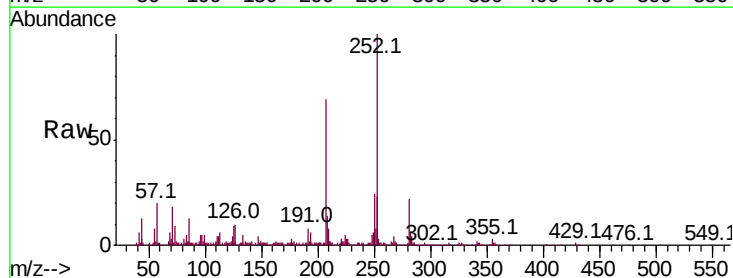
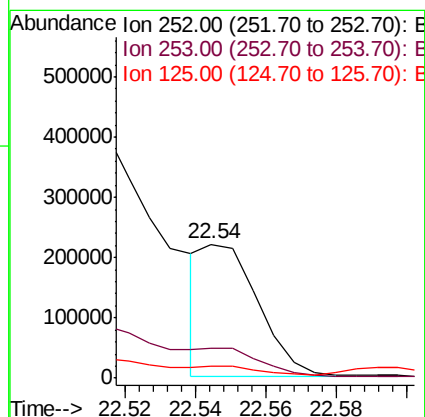
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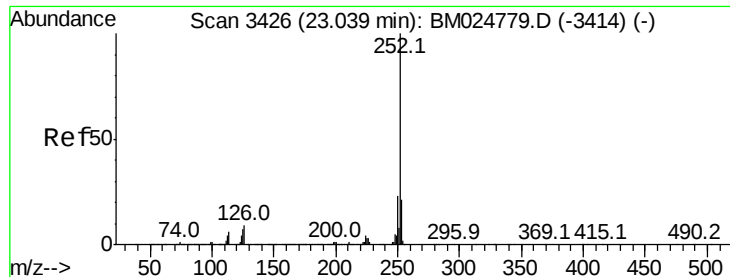
Delta R.T. -0.02 min

Lab File: BM024790.D

Acq: 08 Feb 2020 09:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.2	5.1	7.7#





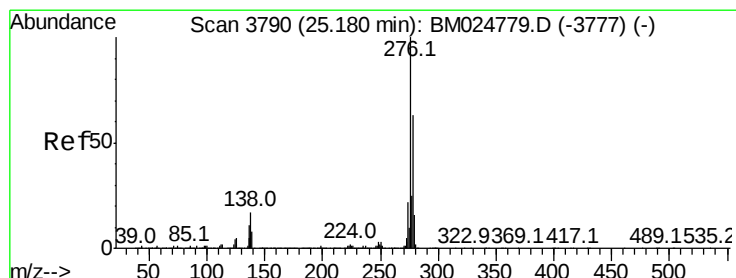
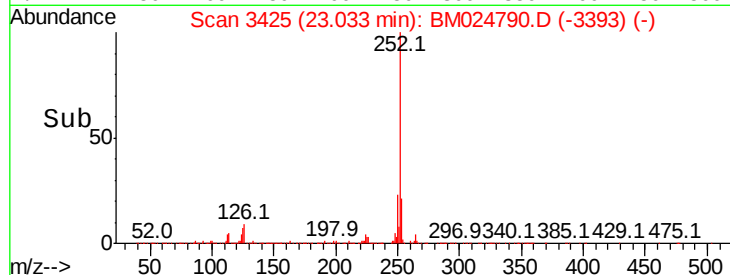
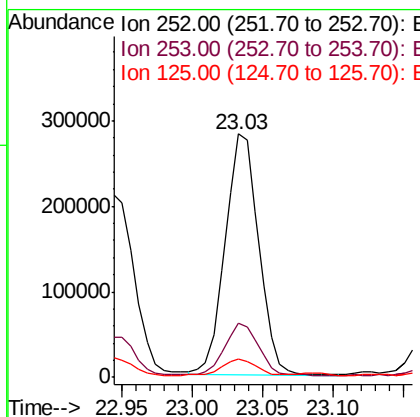
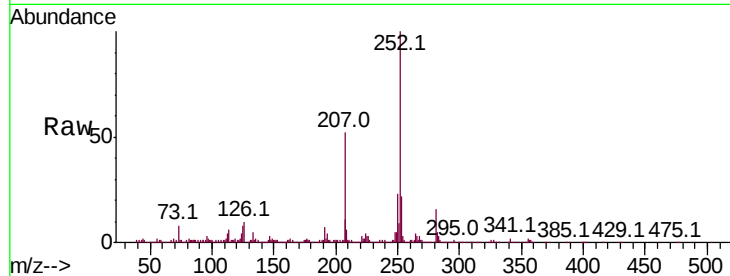
#91
Benzo(a)pyrene
Concen: 4.751 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Instrument :
BNA_M
ClientSampleId :
CB6H6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	7.6	5.6	8.4

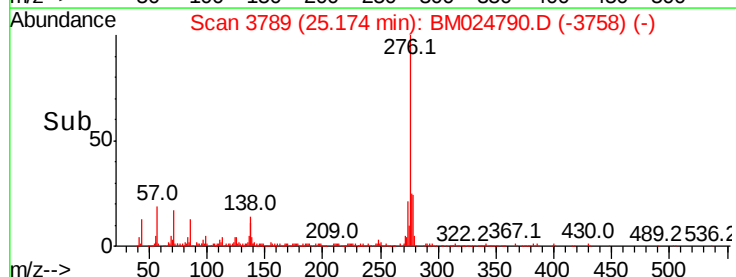
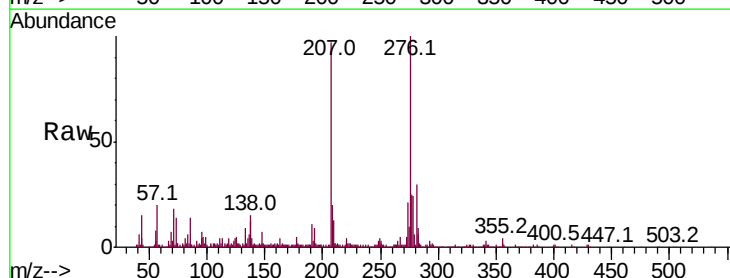
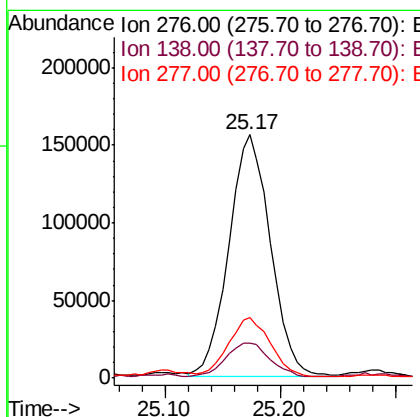
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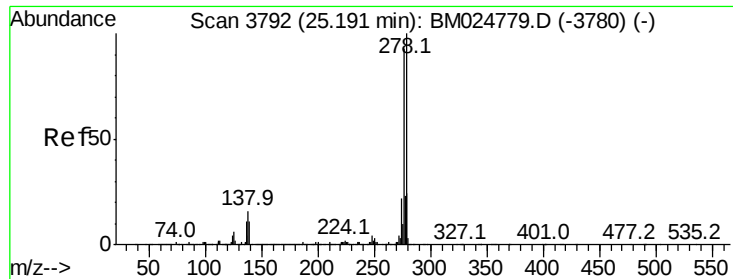
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.179 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.8	19.2
277	25.0	19.3	28.9





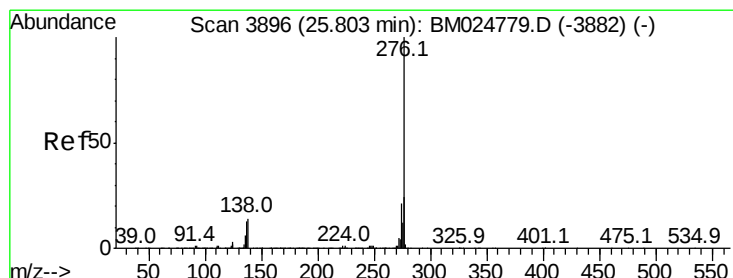
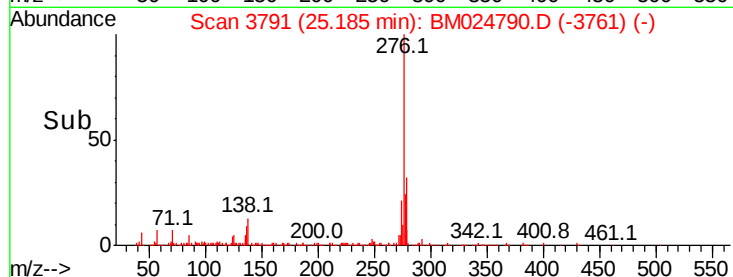
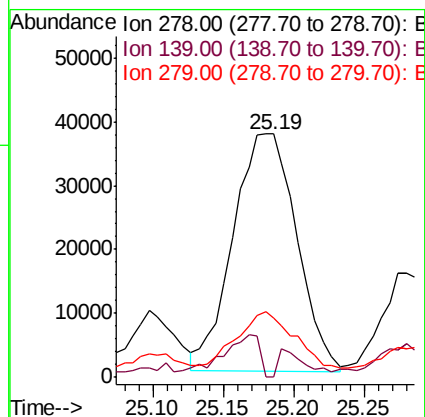
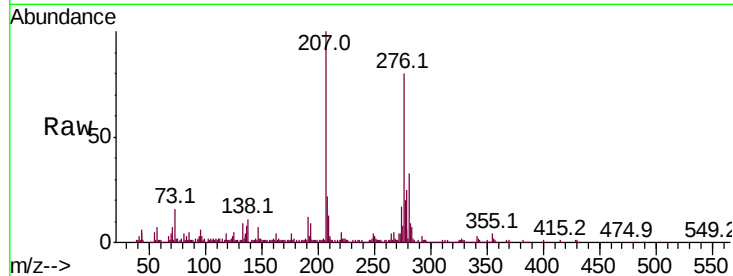
#93
Dibenzo(a,h)anthracene
Concen: 1.119 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.02 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Instrument :
BNA_M
ClientSampleId :
CB6H6

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.4	12.6#
279	24.4	18.5	27.7

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 2.930 ng/ul
RT: 25.80 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM024790.D
Acq: 08 Feb 2020 09:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.8	17.6
277	22.9	19.0	28.6

