

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024759.D
 Acq On : 07 Feb 2020 13:07
 Operator : CG/JU
 Sample : L1399-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F6

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:34 AM

Quant Time: Feb 07 16:13:59 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	309187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1217407	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	832906	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1853531	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1771490	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1977685	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	22135	3.44	ng/uL	0.00
5) Phenol-d5	6.60	99	390612	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	241117	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	358880	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	338824	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	182745	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	218376	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	387270	18.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	486012	24.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1335642	21.24	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1487155	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	183842	18.00	ng/ul	0.00
58) Fluorene-d10	15.06	176	1134062	20.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	204761	16.95	ng/ul	0.00
71) Anthracene-d10	16.92	188	1711546	20.23	ng/ul	0.00
79) Pyrene-d10	19.22	212	1930604	21.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1995565	20.09	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.86	178	761419	7.534	ng/ul	99
72) Anthracene	16.94	178	159583	1.557	ng/ul	98
77) Fluoranthene	18.89	202	1363804	10.993	ng/ul	100
80) Pyrene	19.25	202	1163409	9.922	ng/ul	99
83) Benzo(a)anthracene	21.01	228	715176	5.993	ng/ul	98
85) Chrysene	21.06	228	699844	5.957	ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	906829	7.211	ng/ul	100
89) Benzo(k)fluoranthene	22.56	252	335490m	2.772	ng/ul	
91) Benzo(a)pyrene	23.04	252	576723	5.115	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	427920	3.049	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	125734	1.051	ng/ul#	95
94) Benzo(g,h,i)perylene	25.81	276	330554	2.832	ng/ul	98

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

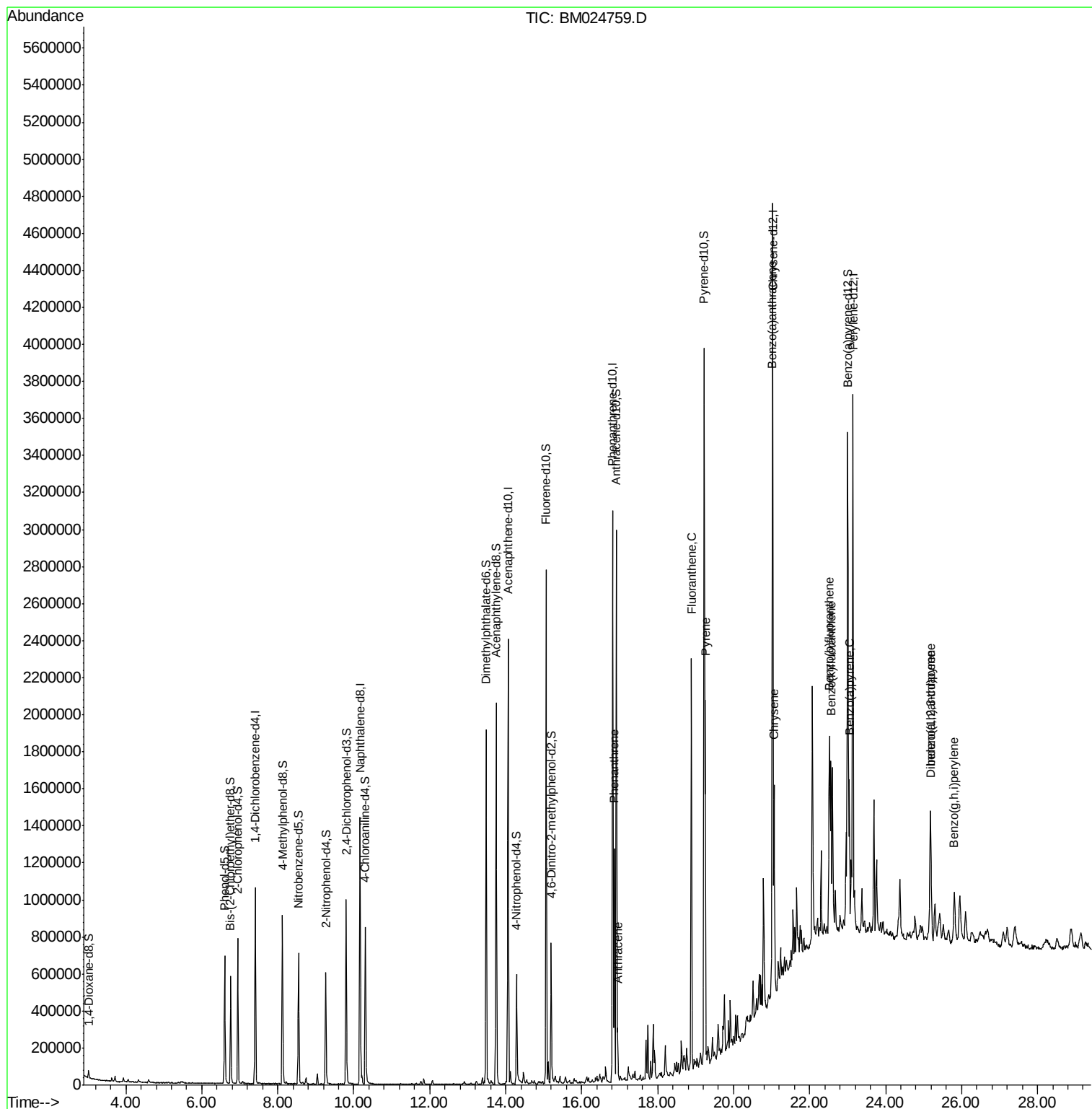
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024759.D
Acq On : 07 Feb 2020 13:07
Operator : CG/JU
Sample : L1399-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

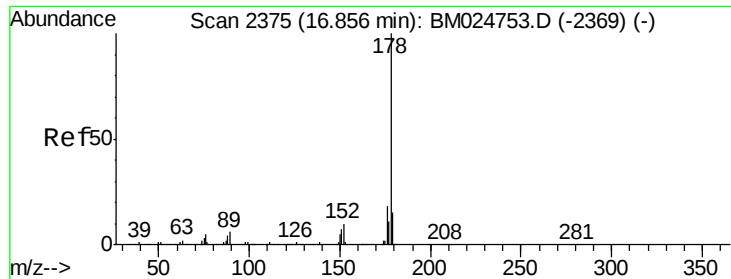
Instrument :
BNA_M
ClientSampleID :
CB6F6

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Quant Time: Feb 07 16:13:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





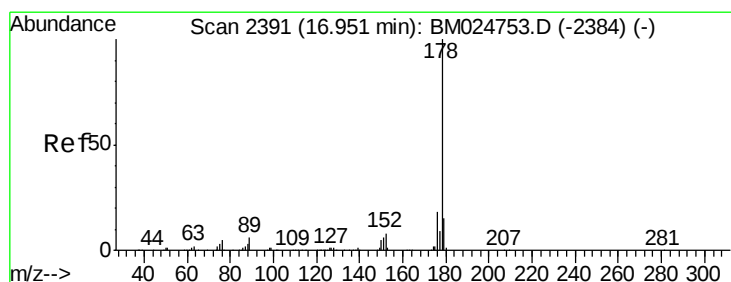
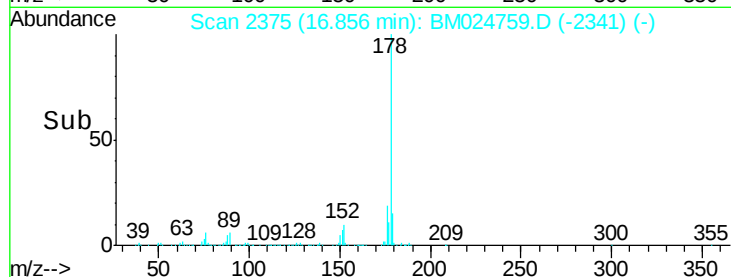
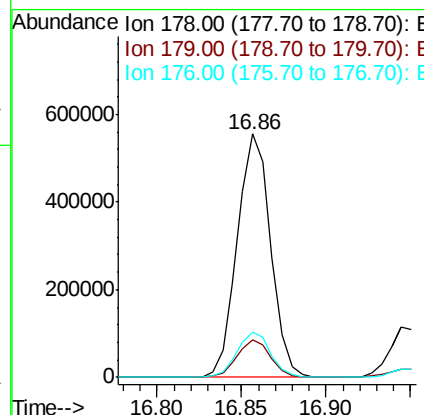
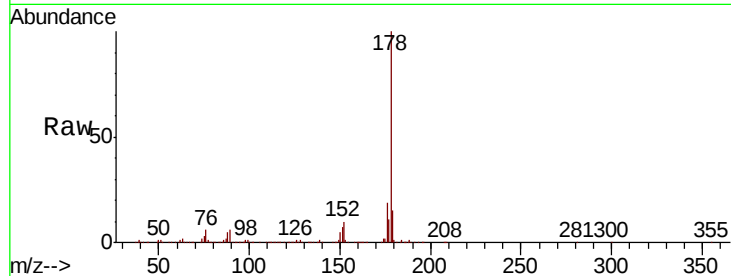
#70
Phenanthrene
Concen: 7.534 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024759.D
Acq: 07 Feb 2020 13:07

Instrument :
BNA_M
ClientSampleId :
CB6F6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.8	14.5	21.7

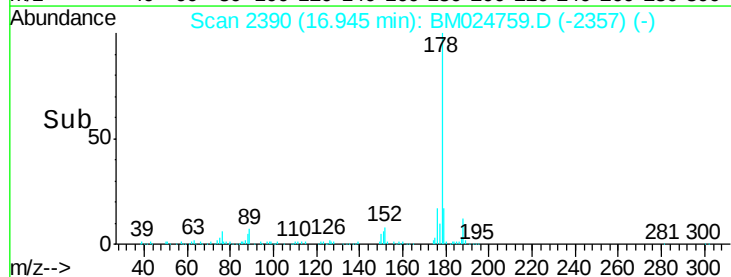
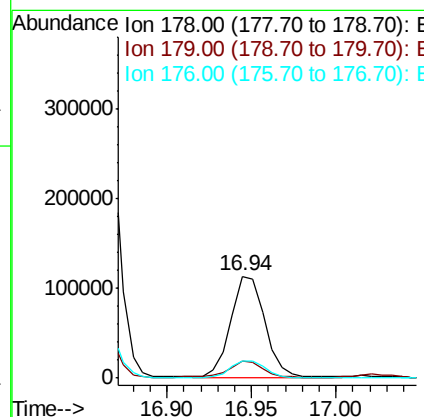
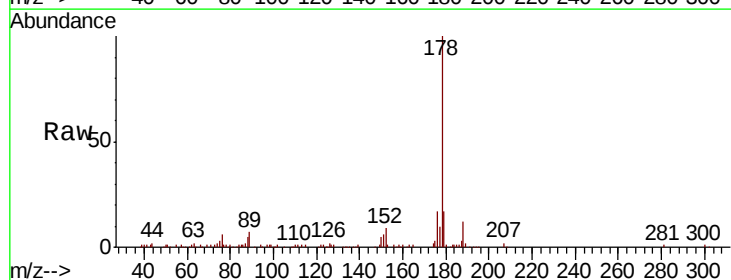
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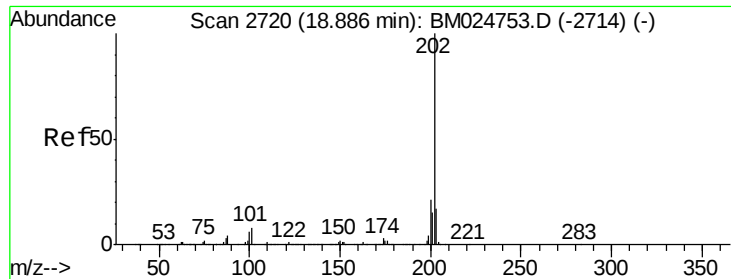
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#72
Anthracene
Concen: 1.557 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024759.D
Acq: 07 Feb 2020 13:07

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





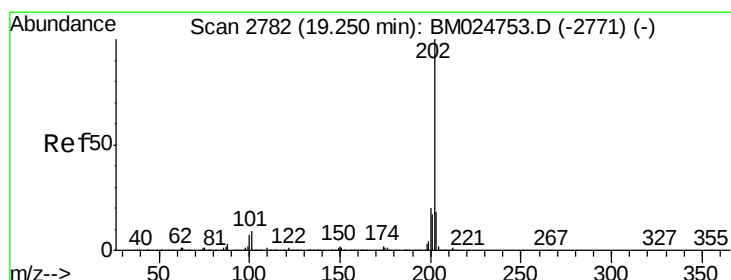
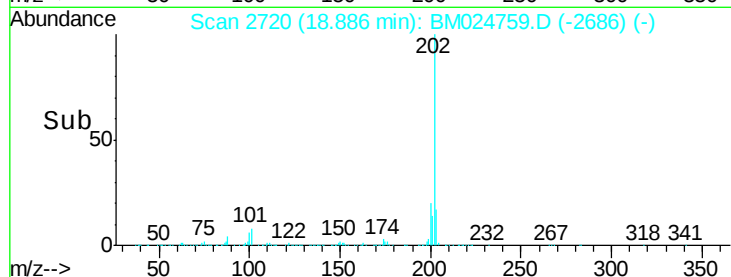
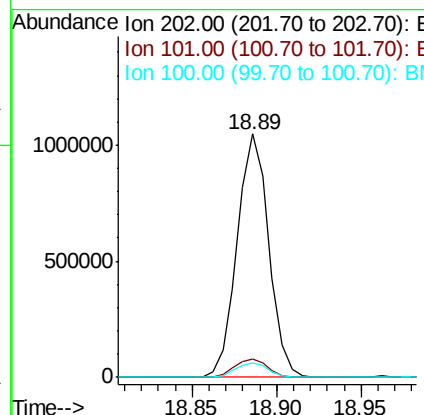
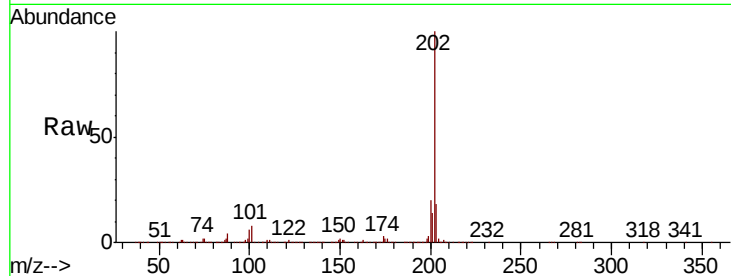
#77
Fluoranthene
 Concen: 10.993 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024759.D
 Acq: 07 Feb 2020 13:07

Instrument :
 BNA_M
 ClientSampleId :
 CB6F6

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.1	9.1
100	6.0	4.8	7.2

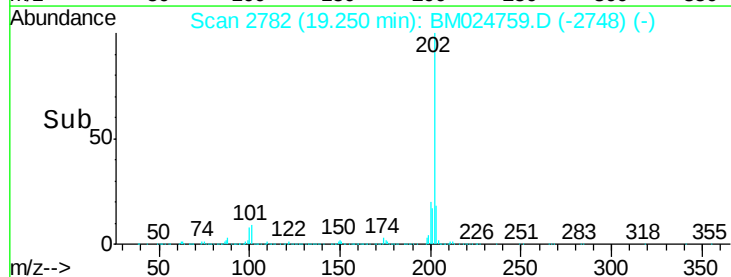
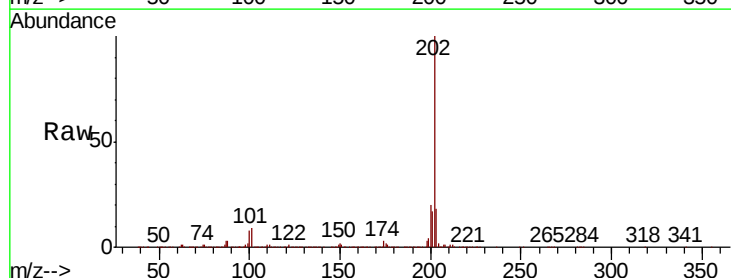
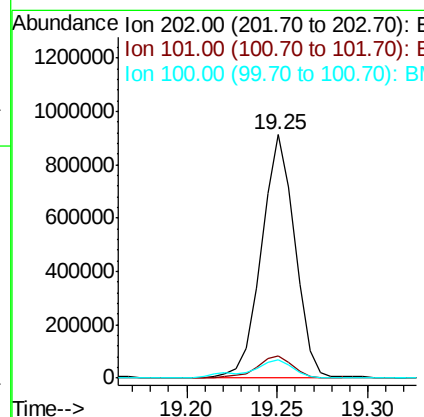
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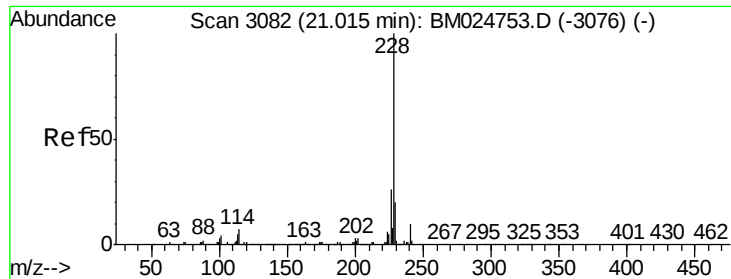
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#80
Pyrene
 Concen: 9.922 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024759.D
 Acq: 07 Feb 2020 13:07

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





#83

Benzo(a)anthracene

Concen: 5.993 ng/ul

RT: 21.01 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM024759.D

Acq: 07 Feb 2020 13:07

Instrument :

BNA_M

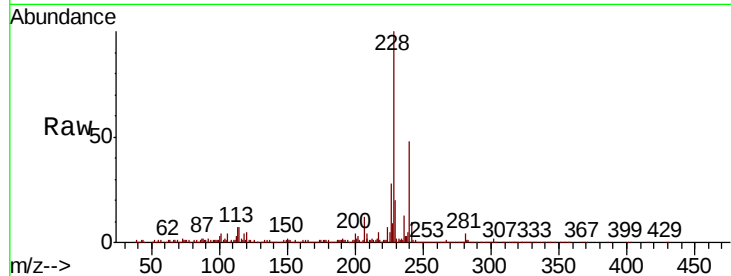
ClientSampleId :

CB6F6

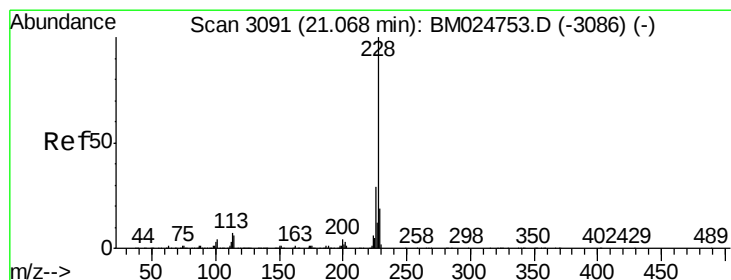
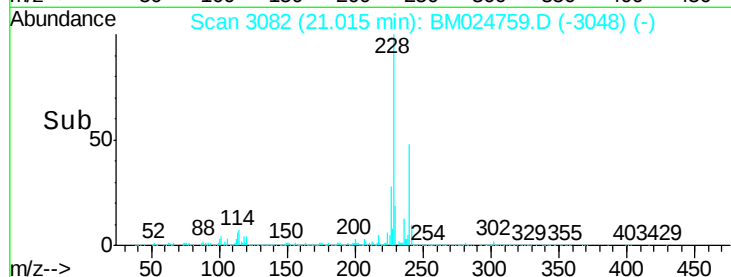
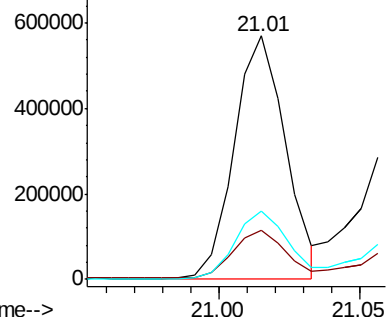
Tot Ion:	228	Resp:	715176
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.9	23.9
226	27.9	20.8	31.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 5.957 ng/ul

RT: 21.06 min Scan# 3090

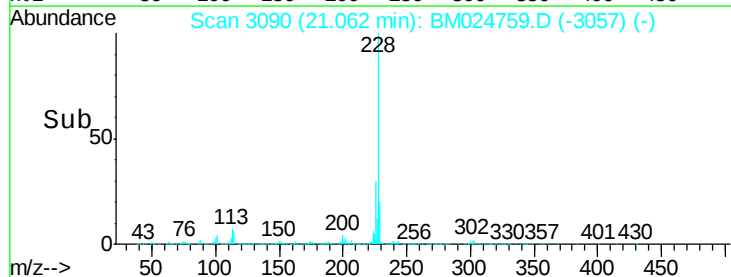
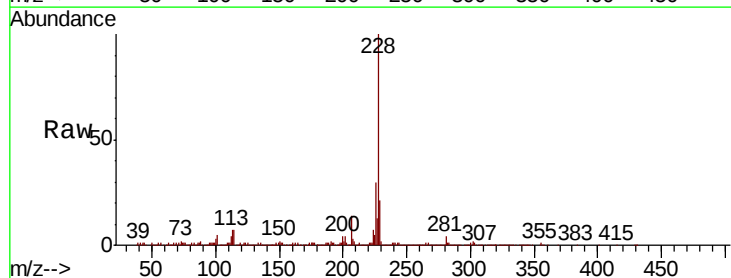
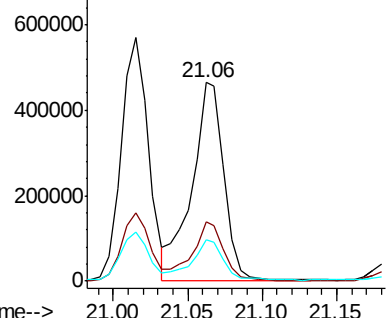
Delta R.T. -0.01 min

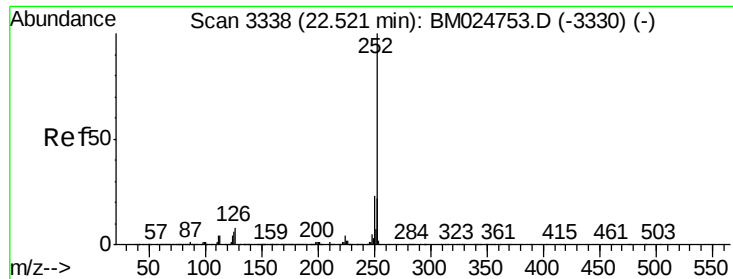
Lab File: BM024759.D

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Tgt Ion:	228	Resp:	699844
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.0	34.4
229	20.6	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





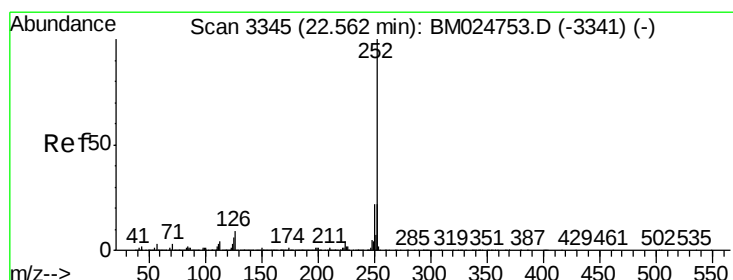
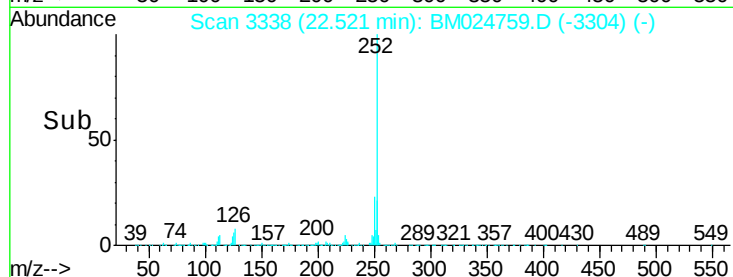
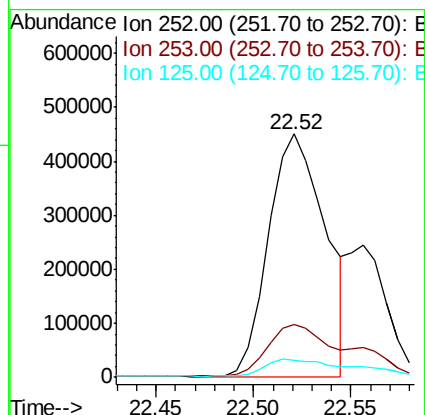
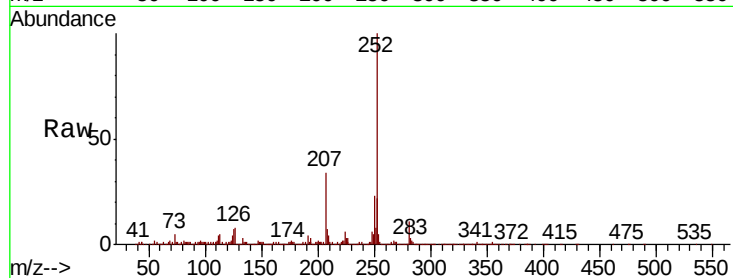
#88
Benzo(b)fluoranthene
Concen: 7.211 ng/ul
RT: 22.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BM024759.D
Acq: 07 Feb 2020 13:07

Instrument :
BNA_M
ClientSampleId :
CB6F6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	6.9	5.1	7.7

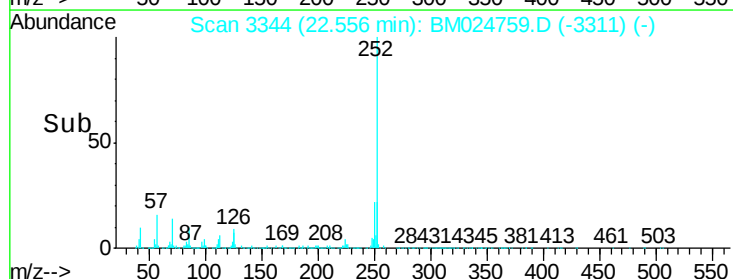
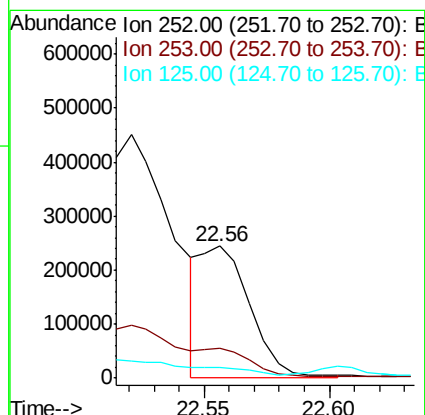
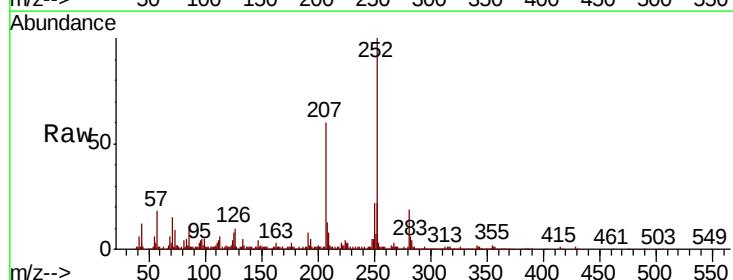
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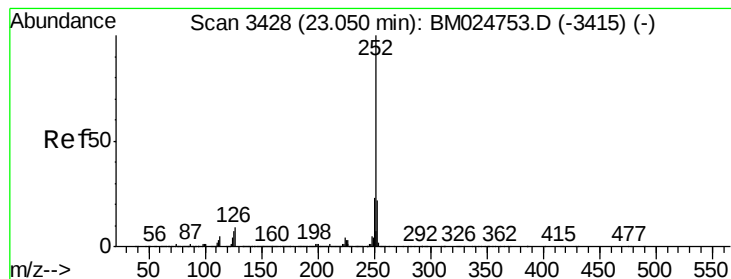
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#89
Benzo(k)fluoranthene
Concen: 2.772 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM024759.D
Acq: 07 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	8.1	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 5.115 ng/ul

RT: 23.04 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM024759.D

Acq: 07 Feb 2020 13:07

Instrument :

BNA_M

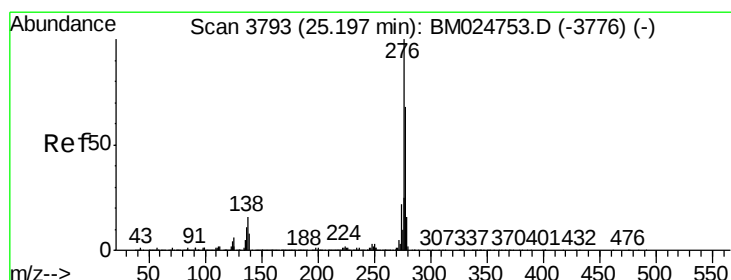
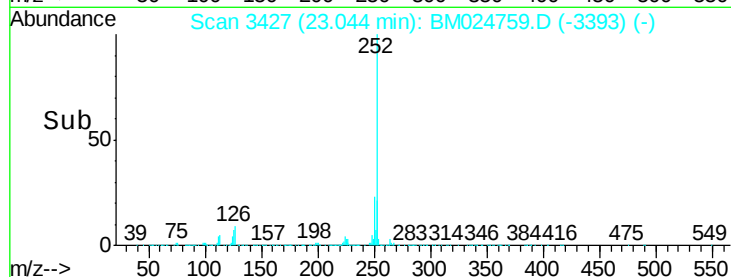
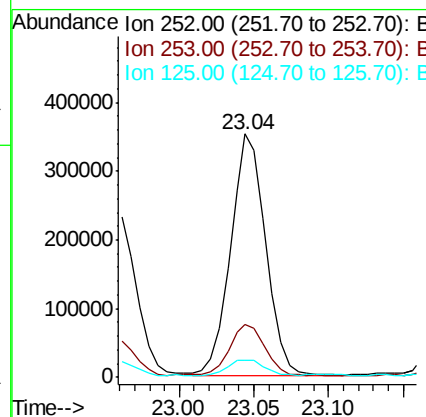
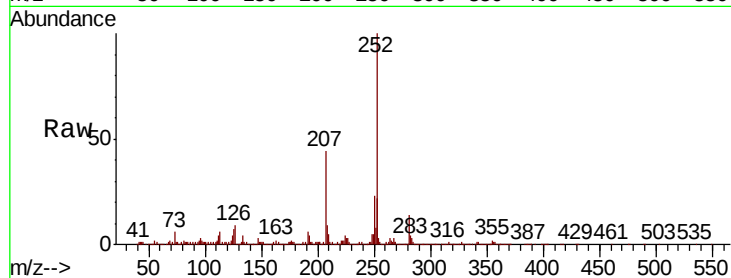
ClientSampleId :

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Tot Ion:	252	Resp:	576723
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	7.3	5.6	8.4

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.049 ng/ul

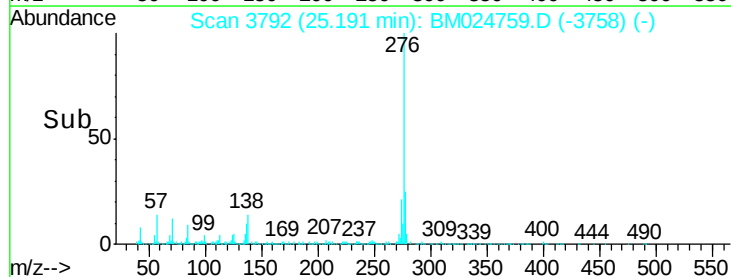
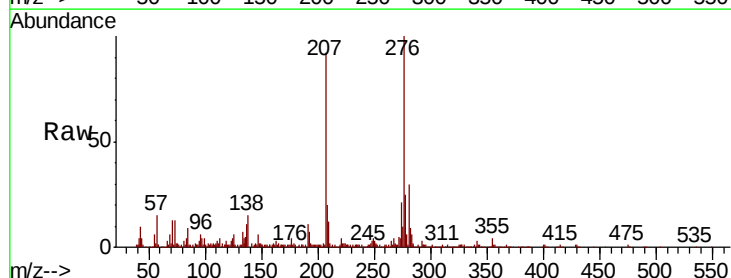
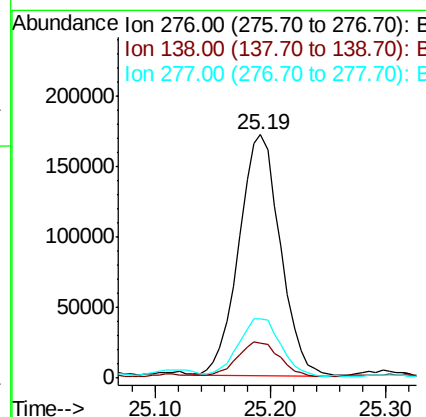
RT: 25.19 min Scan# 3792

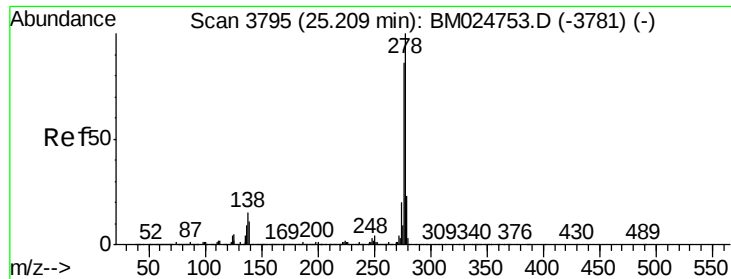
Delta R.T. 0.00 min

Lab File: BM024759.D

Acq: 07 Feb 2020 13:07

Tgt Ion:	276	Resp:	427920
Ion Ratio	Lower	Upper	
276	100		
138	14.5	12.8	19.2
277	24.4	19.3	28.9





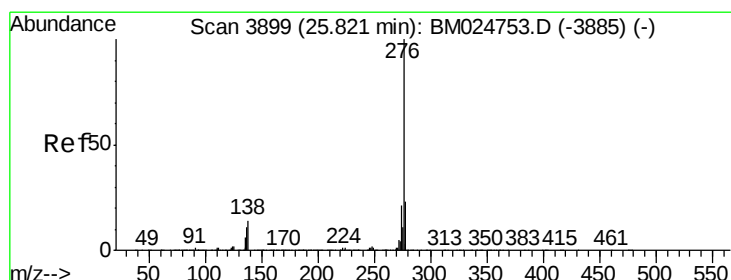
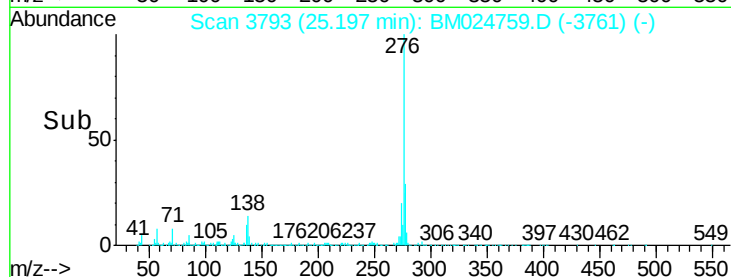
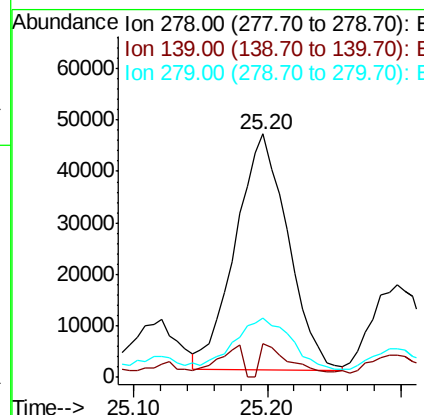
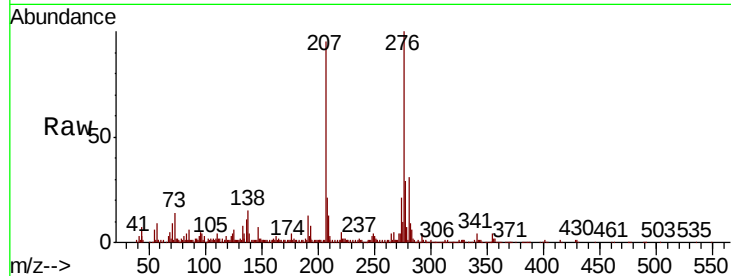
#93
Dibenzo(a,h)anthracene
Concen: 1.051 ng/ul
RT: 25.20 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BM024759.D
Acq: 07 Feb 2020 13:07

Instrument :
BNA_M
ClientSampleId :
CB6F6

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	8.4	12.6#
279	24.3	18.5	27.7

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 2.832 ng/ul
RT: 25.81 min Scan# 3898
Delta R.T. 0.00 min
Lab File: BM024759.D
Acq: 07 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	11.8	17.6
277	25.1	19.0	28.6

