

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024771.D
 Acq On : 07 Feb 2020 21:05
 Operator : CG/JU
 Sample : L1399-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6T1

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:22:04 AM

Quant Time: Feb 07 23:01:10 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	281884	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1117390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	740388	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1641327	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1668928	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1720122	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25988	4.43	ng/uL	0.00
5) Phenol-d5	6.60	99	447612	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	270897	25.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	408681	24.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	374393	23.69	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	207630	25.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	244848	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	447138	23.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	554744	30.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1488637	26.64	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1675063	25.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	201984	22.24	ng/ul	0.00
58) Fluorene-d10	15.06	176	1255355	25.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	225221	21.05	ng/ul	0.00
71) Anthracene-d10	16.91	188	1883336	25.14	ng/ul	0.00
79) Pyrene-d10	19.22	212	2171975	26.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2268123	26.25	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.86	178	284665	3.181	ng/ul	98
77) Fluoranthene	18.89	202	559617	5.094	ng/ul	99
80) Pyrene	19.25	202	520665	4.713	ng/ul	100
83) Benzo(a)anthracene	21.01	228	287518	2.558	ng/ul	99
85) Chrysene	21.06	228	297319	2.686	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	429185	3.924	ng/ul#	99
89) Benzo(k)fluoranthene	22.55	252	115350m	1.096	ng/ul	
91) Benzo(a)pyrene	23.04	252	257304	2.624	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	191553	1.569	ng/ul	96
94) Benzo(g,h,i)perylene	25.80	276	180720	1.780	ng/ul	99

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

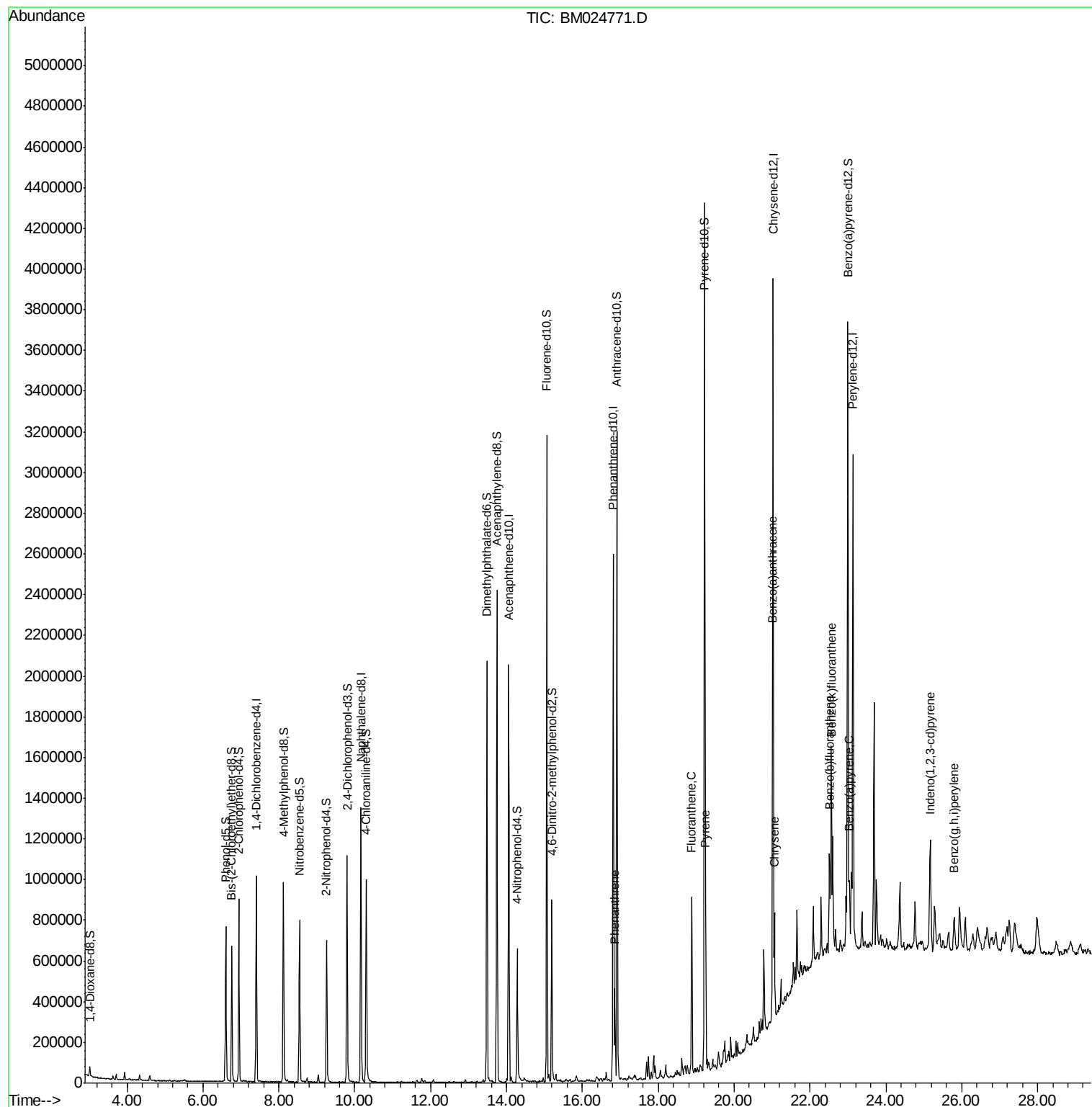
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024771.D
Acq On : 07 Feb 2020 21:05
Operator : CG/JU
Sample : L1399-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

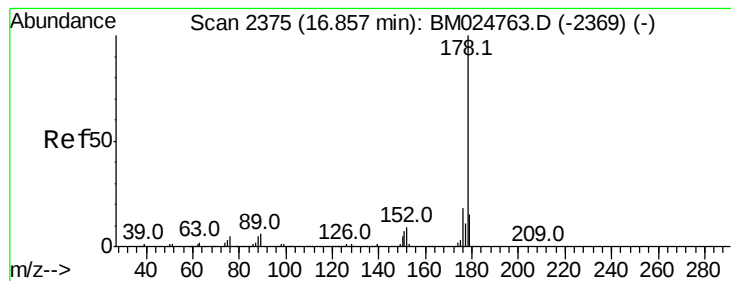
Instrument :
BNA_M
ClientSampled :
CB6T1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 3.181 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024771.D

Acq: 07 Feb 2020 21:05

Instrument :

BNA_M

ClientSampled :

CB6T1

Tot Ion:178 Resp: 284665

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

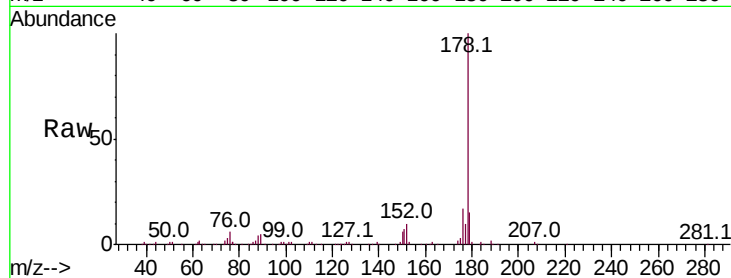
176 17.2 14.5 21.7

Manual Integrations

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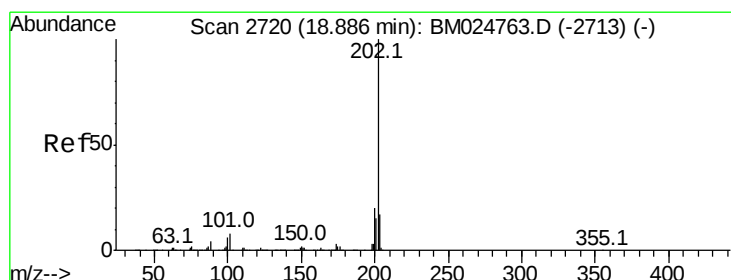
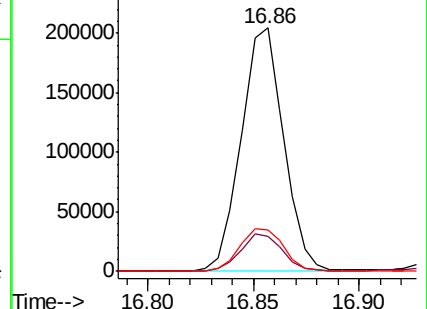
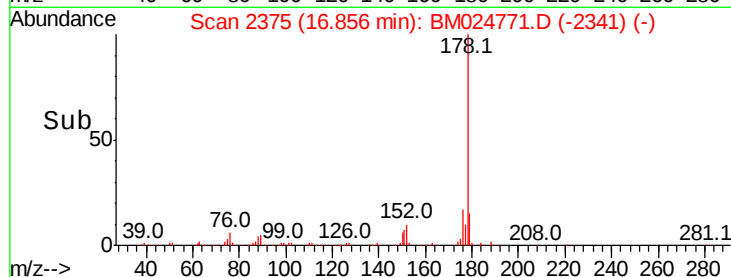
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 5.094 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024771.D

Acq: 07 Feb 2020 21:05

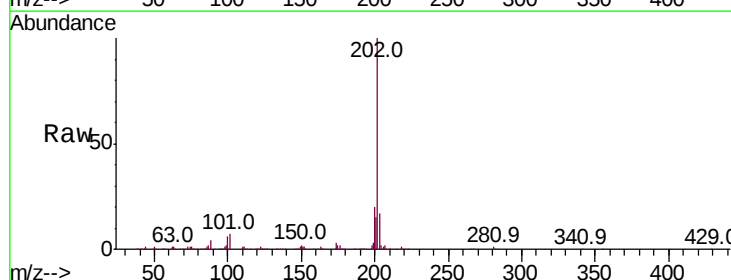
Tgt Ion:202 Resp: 559617

Ion Ratio Lower Upper

202 100

101 7.4 6.1 9.1

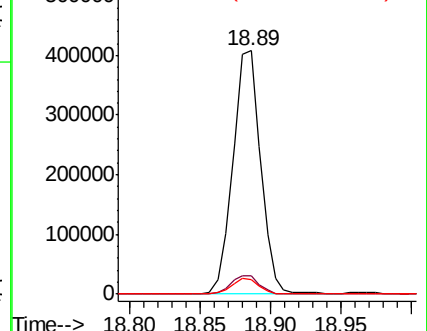
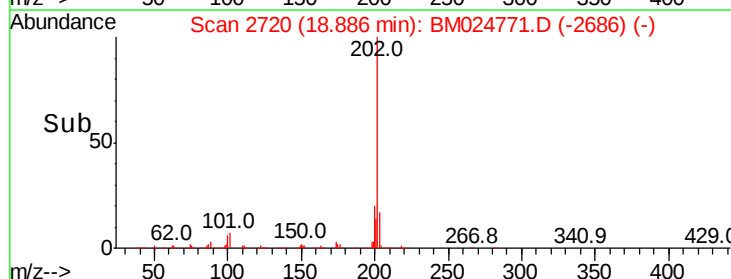
100 5.8 4.8 7.2

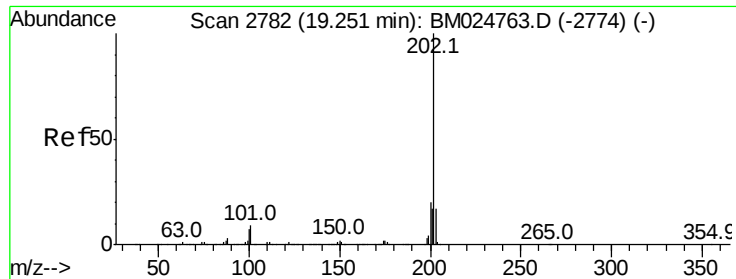


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





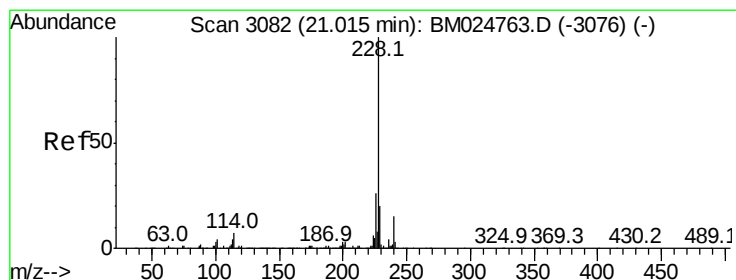
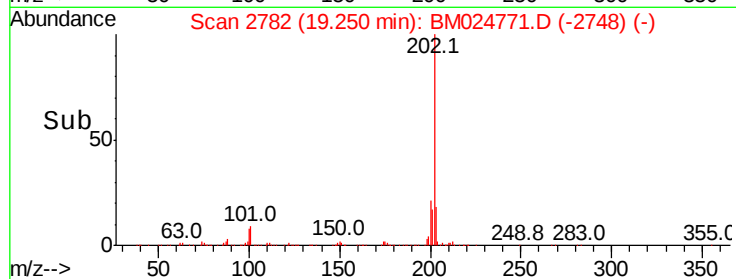
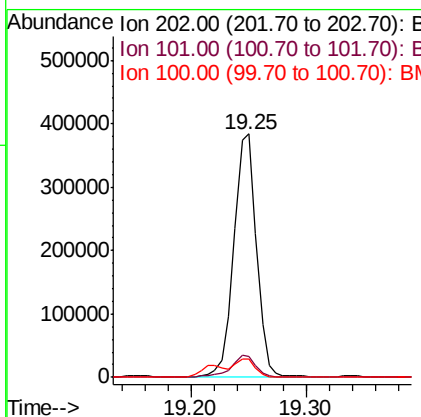
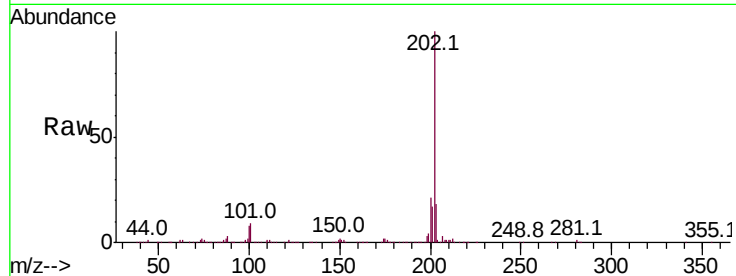
#80
Pvrene
Concen: 4.713 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024771.D
Acq: 07 Feb 2020 21:05

Instrument :
BNA_M
ClientSampled :
CB6T1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	7.0	10.4
100	7.5	5.8	8.8

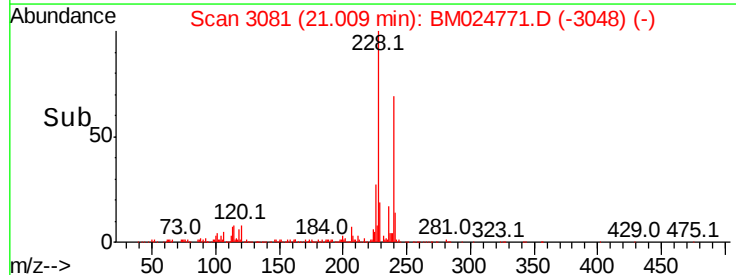
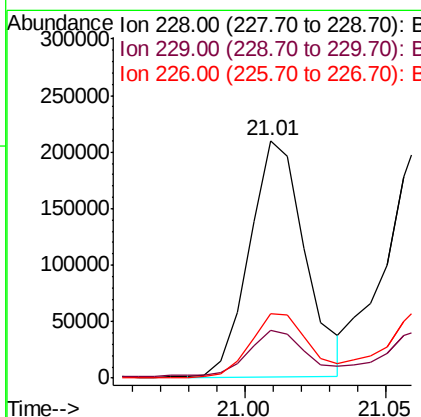
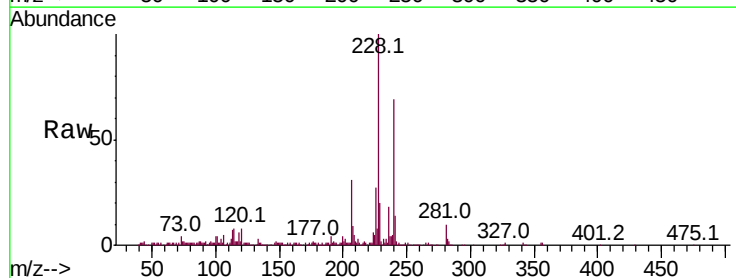
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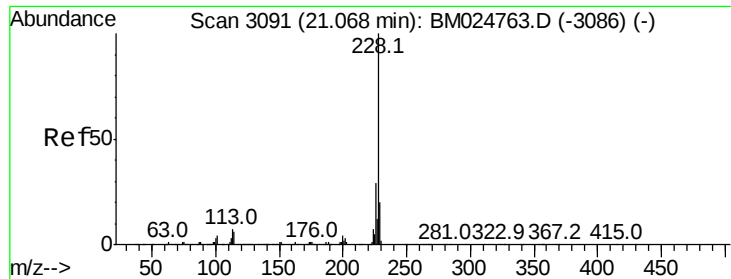
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#83
Benzo(a)anthracene
Concen: 2.558 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024771.D
Acq: 07 Feb 2020 21:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	15.9	23.9
226	27.1	20.8	31.2





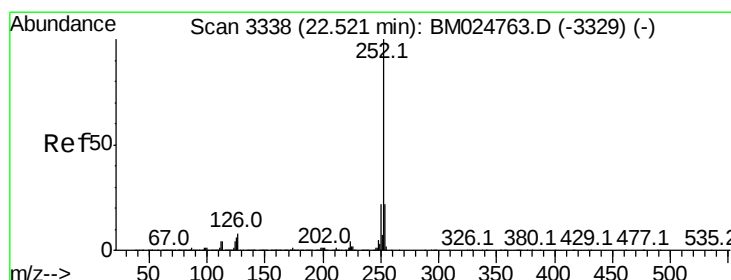
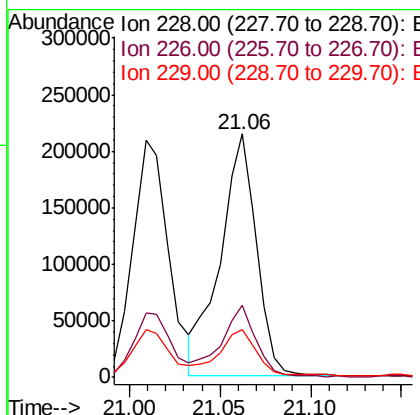
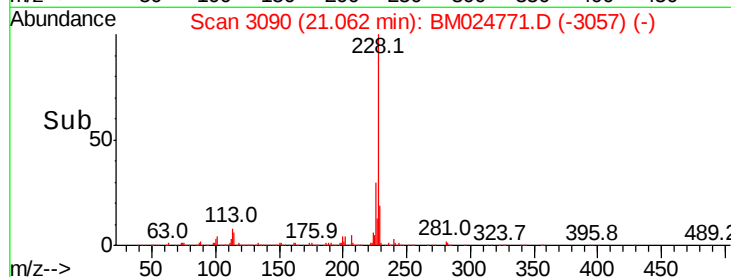
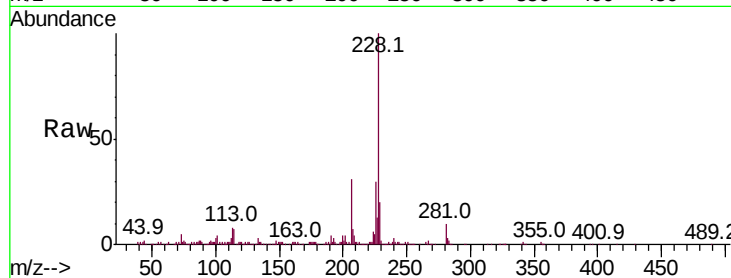
#85
Chrysene
Concen: 2.686 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024771.D
Acq: 07 Feb 2020 21:05

Instrument :
BNA_M
ClientSampled :
CB6T1

Tot Ion:	228	Resp:	297319
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.0	34.4
229	19.8	15.8	23.8

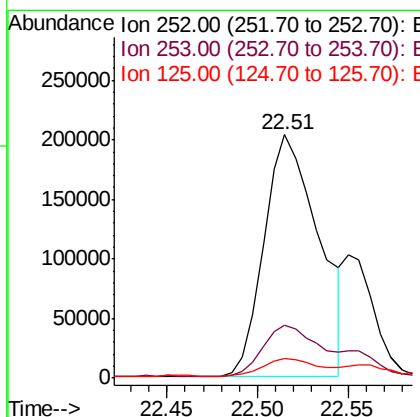
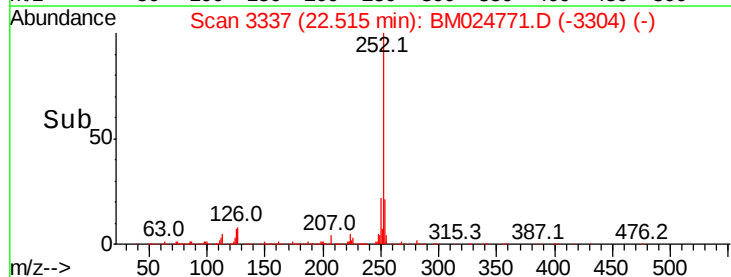
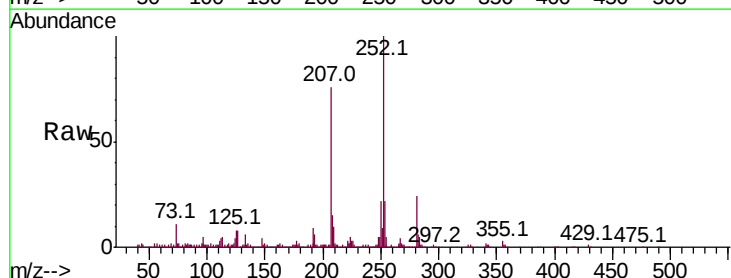
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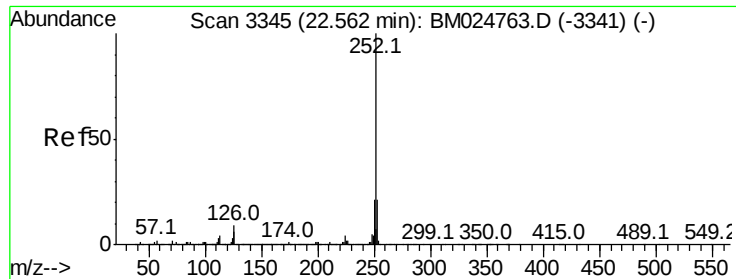
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#88
Benzo(b)fluoranthene
Concen: 3.924 ng/ul
RT: 22.51 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024771.D
Acq: 07 Feb 2020 21:05

Tgt Ion:	252	Resp:	429185
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	7.8	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 1.096 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BM024771.D

Acq: 07 Feb 2020 21:05

Instrument :

BNA_M

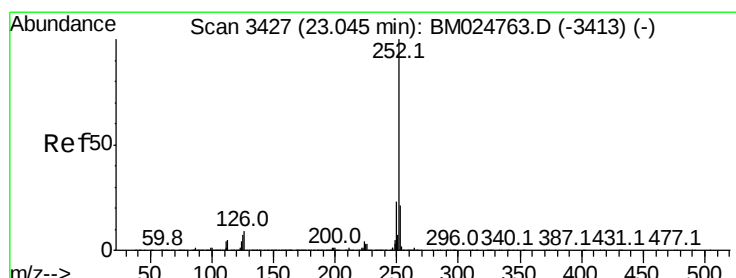
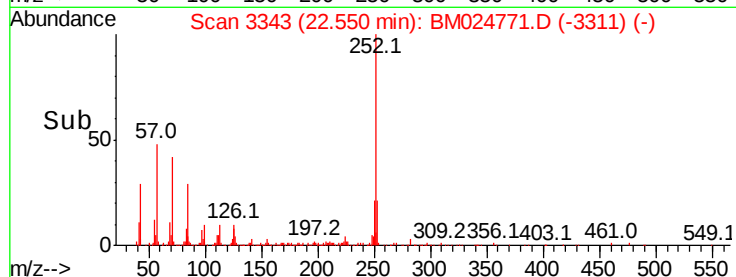
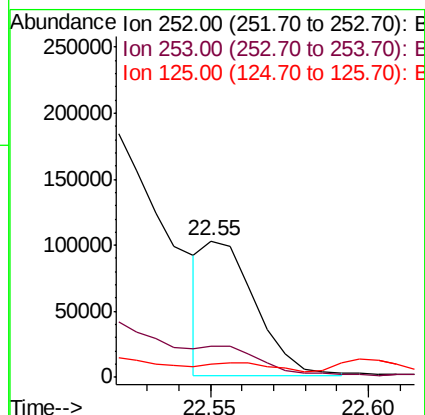
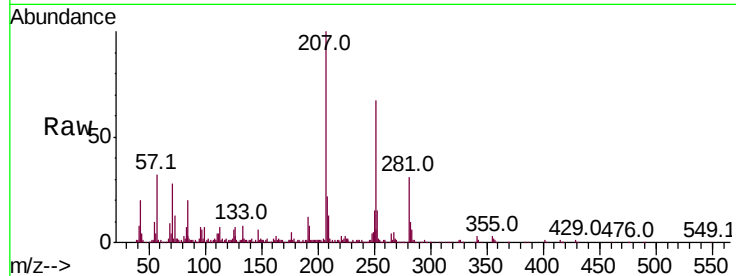
ClientSampled :

CB6T1

Tot Ion:	252	Resp:	115350
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	9.4	5.1	7.7#

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#91

Benzo(a)pyrene

Concen: 2.624 ng/ul

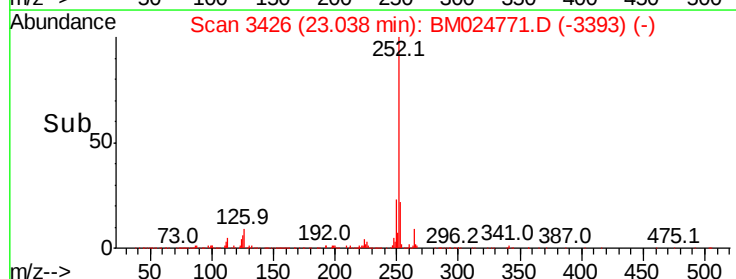
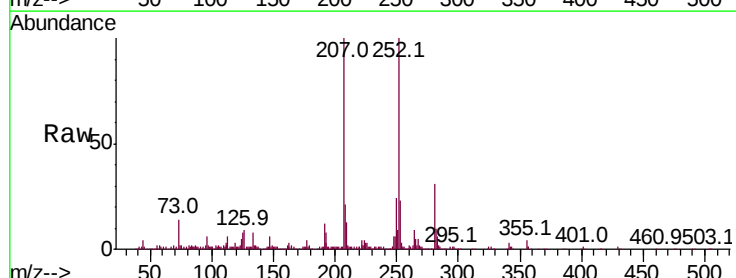
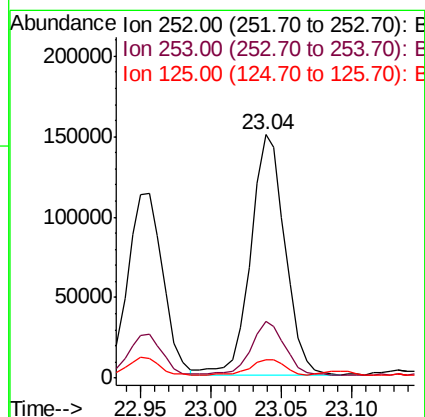
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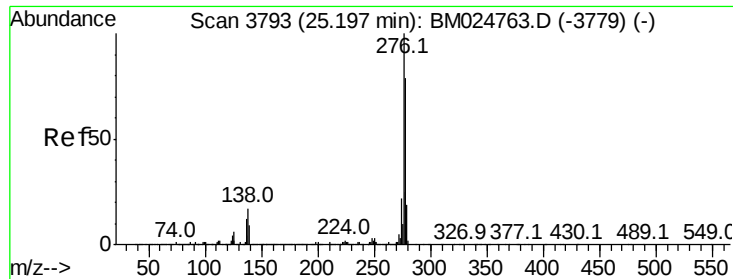
Delta R.T. -0.01 min

Lab File: BM024771.D

Acq: 07 Feb 2020 21:05

Tgt Ion:	252	Resp:	257304
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	7.6	5.6	8.4





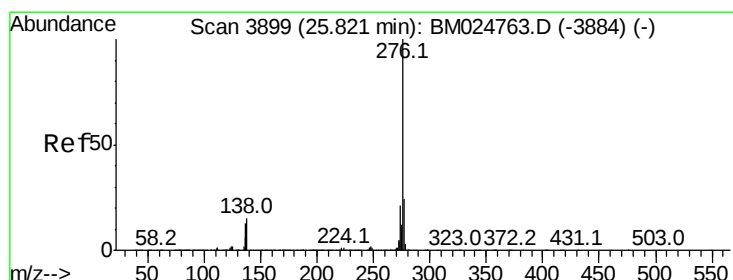
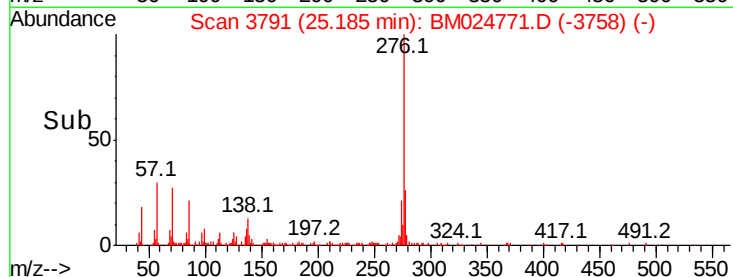
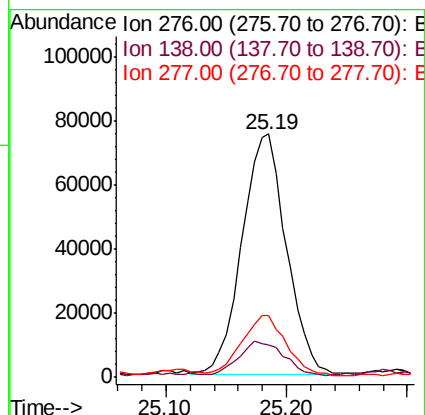
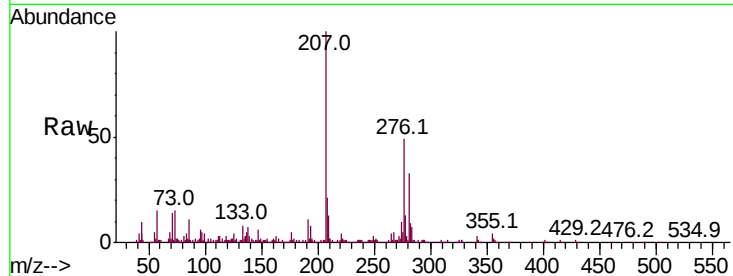
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.569 ng/ul
 RT: 25.19 min Scan# 3791
 Delta R.T. -0.01 min
 Lab File: BM024771.D
 Acq: 07 Feb 2020 21:05

Instrument :
 BNA_M
 ClientSampleId :
 CB6T1

Tot Ion:	276	Resp:	191553
Ion Ratio	Lower	Upper	
276	100		
138	13.3	12.8	19.2
277	25.6	19.3	28.9

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.780 ng/ul
 RT: 25.80 min Scan# 3896
 Delta R.T. -0.01 min
 Lab File: BM024771.D
 Acq: 07 Feb 2020 21:05

Tgt Ion:	276	Resp:	180720
Ion Ratio	Lower	Upper	
276	100		
138	14.9	11.8	17.6
277	23.5	19.0	28.6

