

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024743.D
 Acq On : 07 Feb 2020 00:27
 Operator : CG/JU
 Sample : L1398-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 07 01:53:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	295026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1184471	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	791384	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1679688	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1534782	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1693878	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20492	3.34	ng/uL	0.00
5) Phenol-d5	6.60	99	369639	18.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	220841	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	345221	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	324194	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	165711	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	198720	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	364818	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	443859	23.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1169032	19.57	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1365139	19.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	144178	14.85	ng/ul	0.00
58) Fluorene-d10	15.07	176	1013563	19.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	178323	16.29	ng/ul	0.00
71) Anthracene-d10	16.92	188	1556352	20.30	ng/ul	0.00
79) Pyrene-d10	19.22	212	1758804	22.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1808860	21.26	ng/ul	0.00

Target Compounds

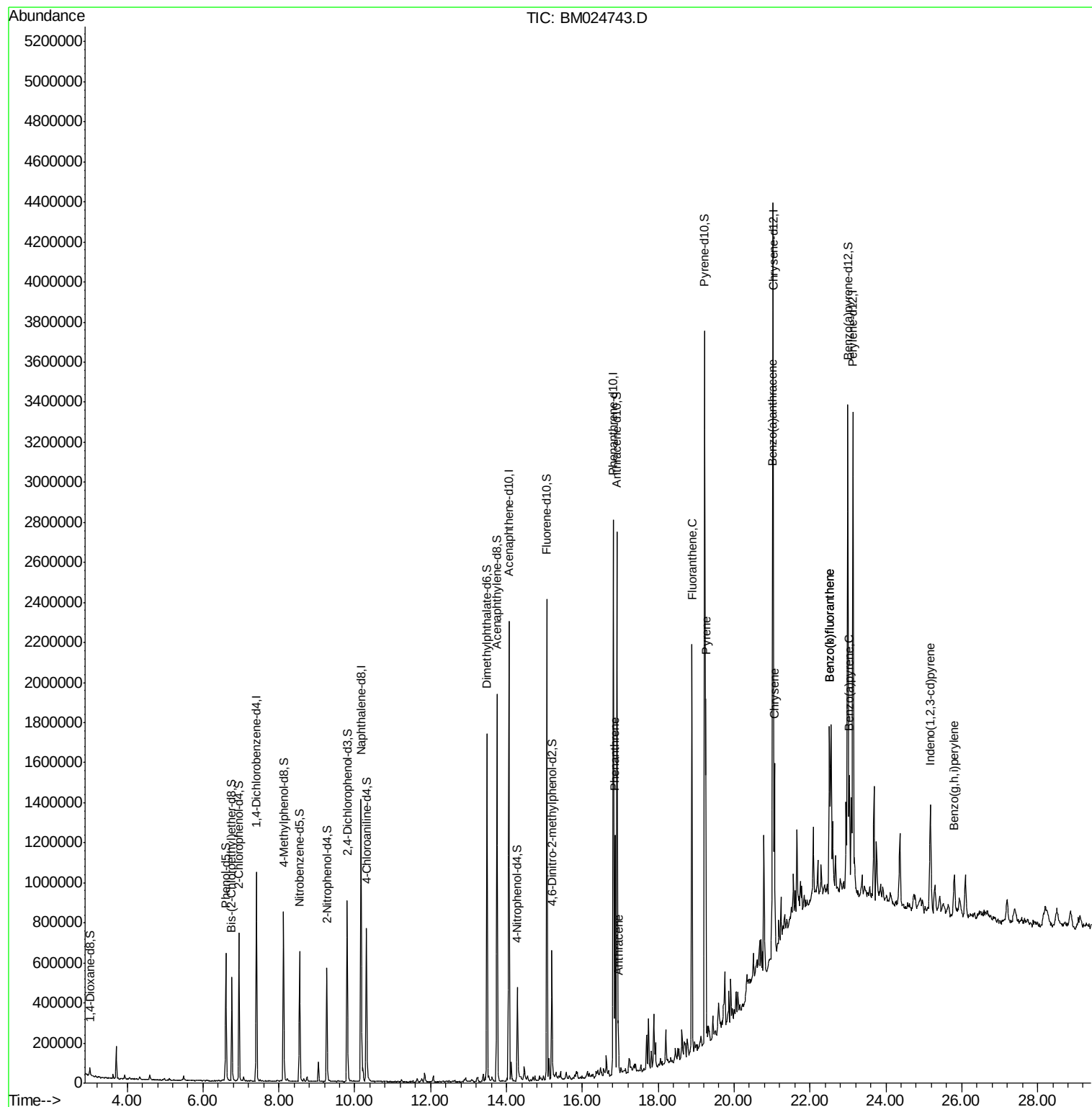
					Ovalue	
70) Phenanthrene	16.86	178	733737	8.012	ng/ul	100
72) Anthracene	16.95	178	155460	1.674	ng/ul	99
77) Fluoranthene	18.89	202	1221185	10.862	ng/ul	99
80) Pyrene	19.25	202	1053518	10.370	ng/ul	99
83) Benzo(a)anthracene	21.01	228	569025	5.504	ng/ul	98
85) Chrysene	21.06	228	538786	5.294	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	729281	6.771	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	729281	7.034	ng/ul	98
91) Benzo(a)pyrene	23.04	252	431509	4.469	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.19	276	275527	2.292	ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	251069	2.511	ng/ul	99

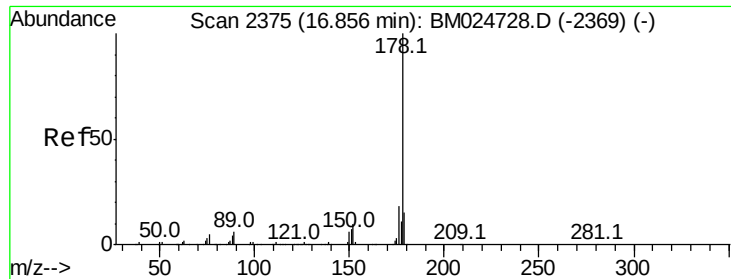
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 8.012 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

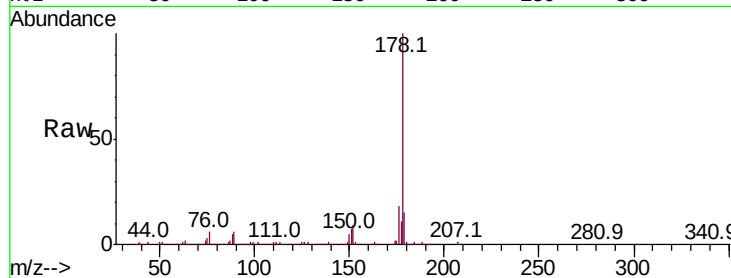
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 733737

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.2	14.5	21.7

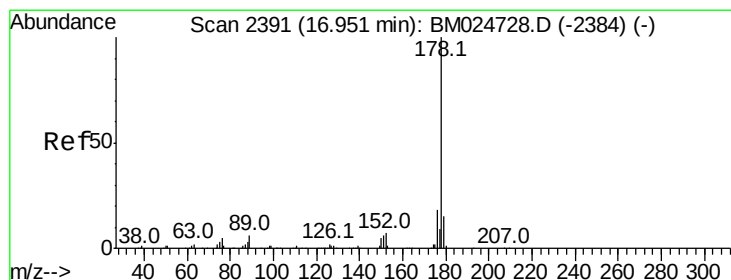
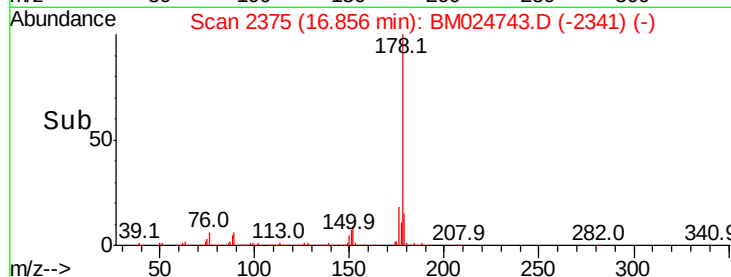
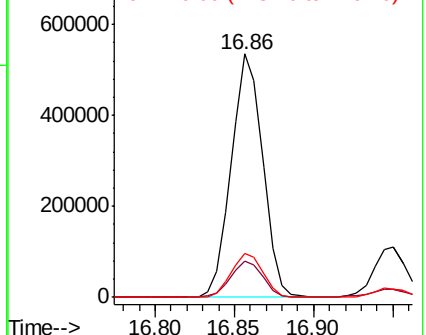


Abundance

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



#72

Anthracene

Concen: 1.674 ng/ul

RT: 16.95 min Scan# 2391

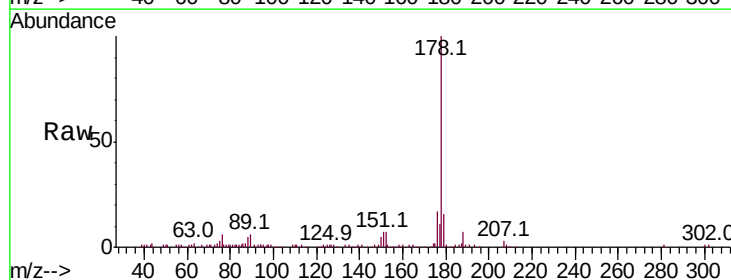
Delta R.T. 0.00 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

Tgt Ion:178 Resp: 155460

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	17.4	14.1	21.1

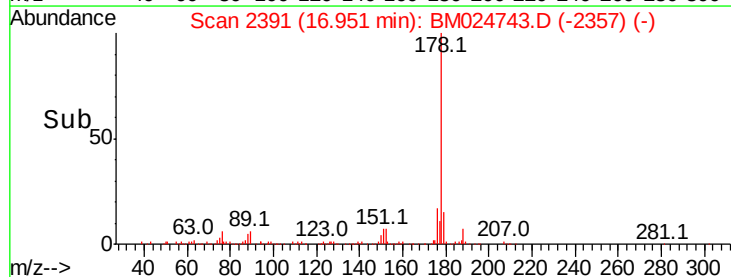
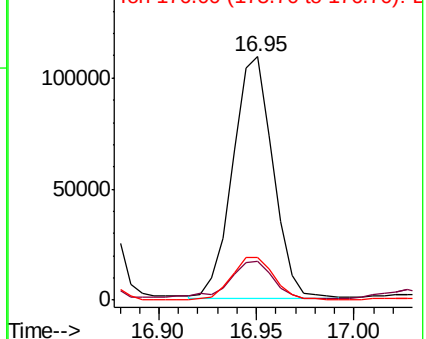


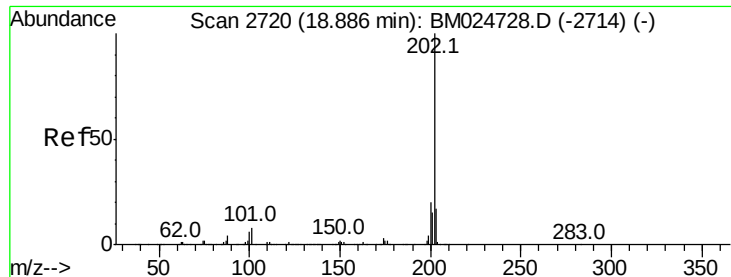
Abundance

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

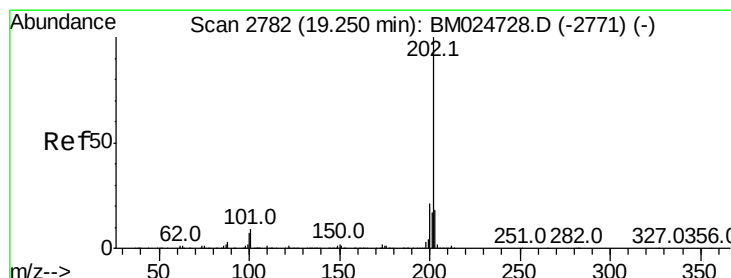
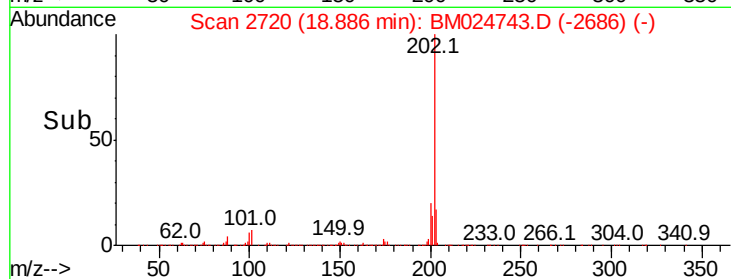
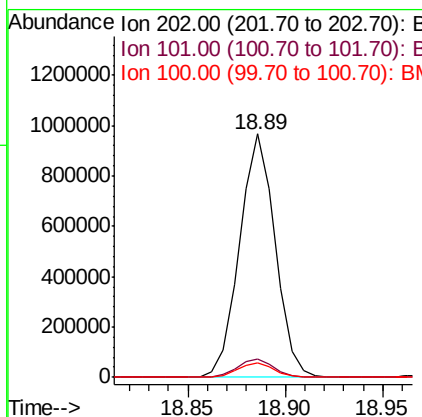
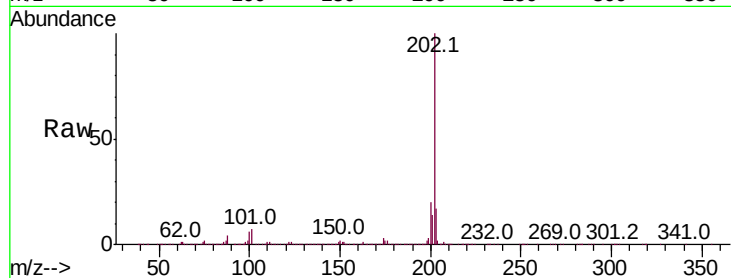




#77
 Fluoranthene
 Concen: 10.862 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024743.D
 Acq: 07 Feb 2020 00:27

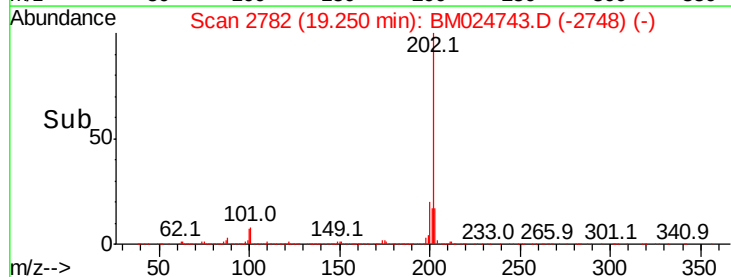
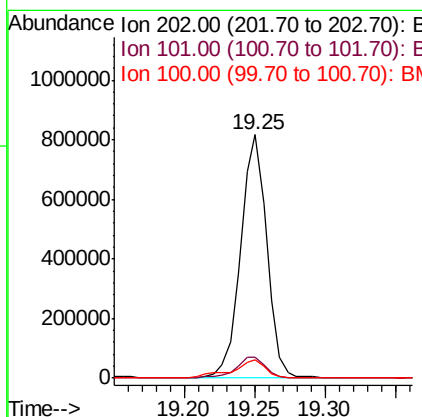
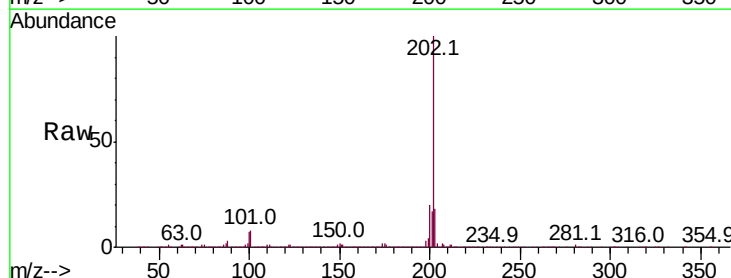
Instrument :
 BNA_M
 ClientSampleId :

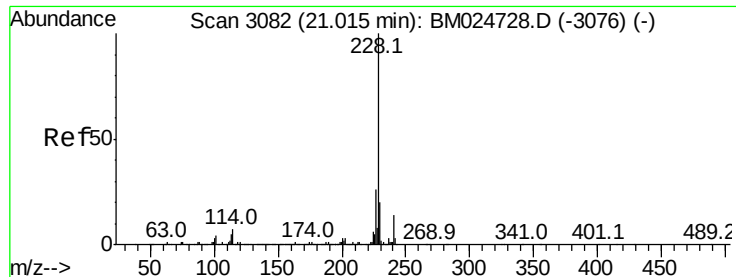
Tot Ion:202 Resp: 1221185
 Ion Ratio Lower Upper
 202 100
 101 7.3 6.1 9.1
 100 5.8 4.8 7.2



#80
 Pyrene
 Concen: 10.370 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024743.D
 Acq: 07 Feb 2020 00:27

Tgt Ion:202 Resp: 1053518
 Ion Ratio Lower Upper
 202 100
 101 8.3 7.0 10.4
 100 7.4 5.8 8.8





#83

Benzo(a)anthracene

Concen: 5.504 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

Instrument :

BNA_M

ClientSampleId :

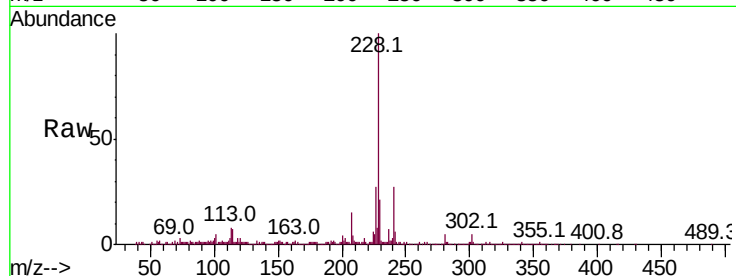
Tot Ion:228 Resp: 569025

Ion Ratio Lower Upper

228 100

229 21.2 15.9 23.9

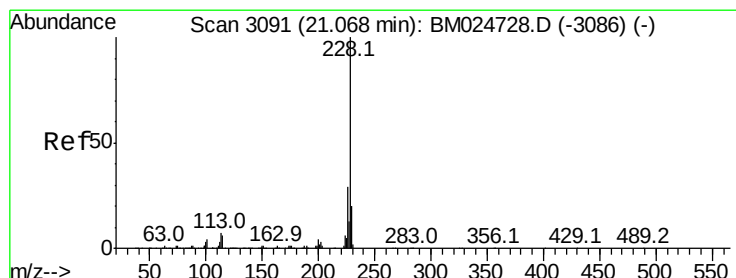
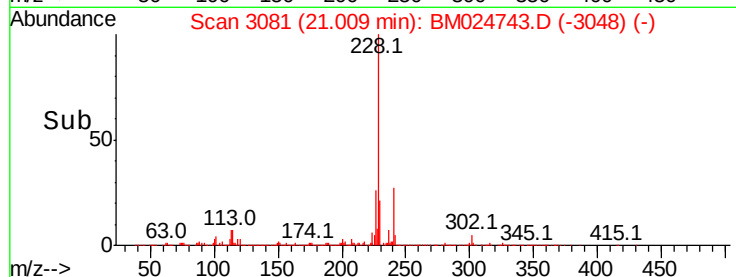
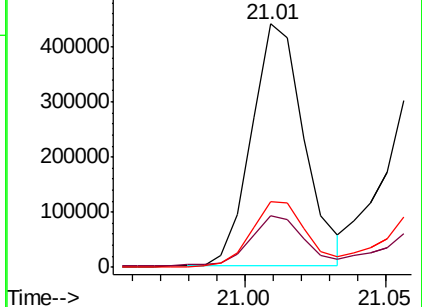
226 26.9 20.8 31.2



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: 5.294 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

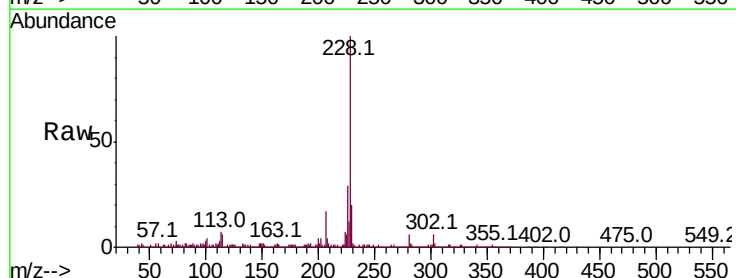
Tgt Ion:228 Resp: 538786

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.4

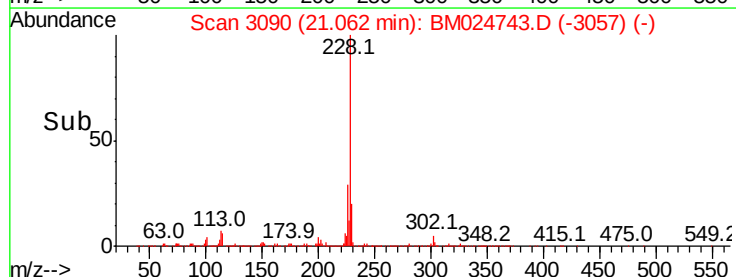
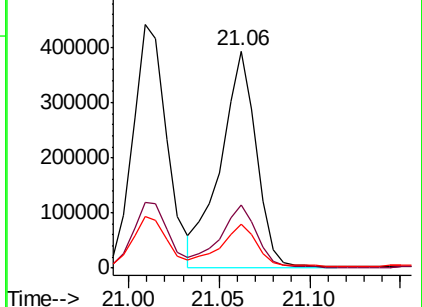
229 20.3 15.8 23.8

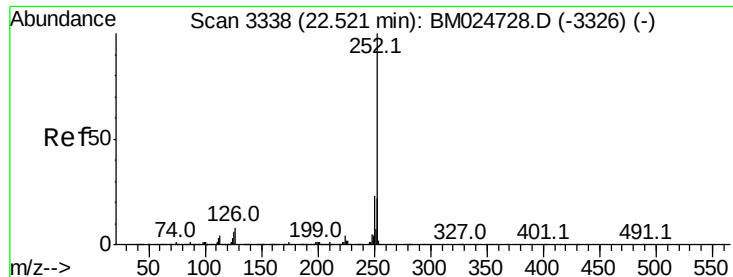


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.771 ng/ul

RT: 22.51 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024743.D

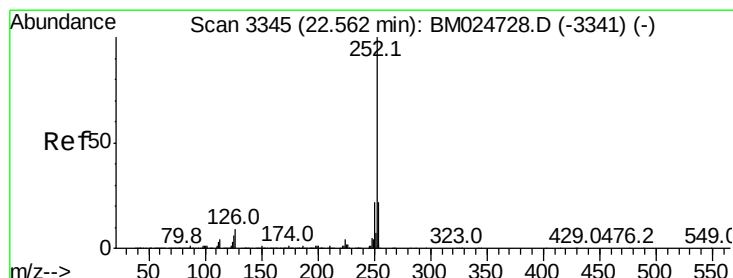
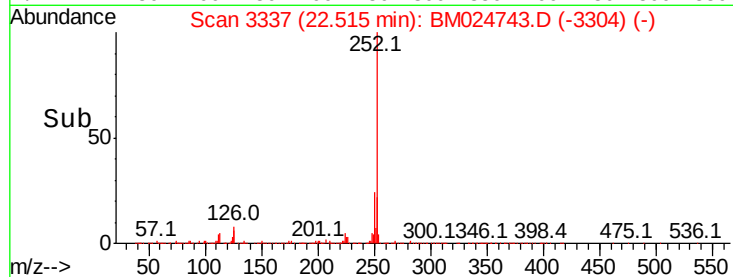
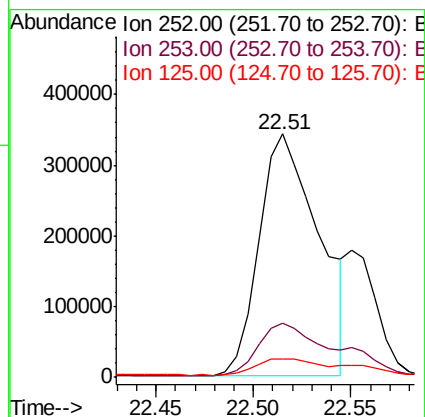
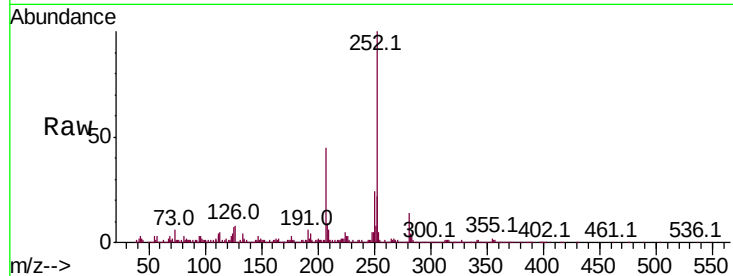
Acq: 07 Feb 2020 00:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	729281
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.3 25.9
125	7.4	5.1 7.7



#89

Benzo(k)fluoranthene

Concen: 7.034 ng/ul

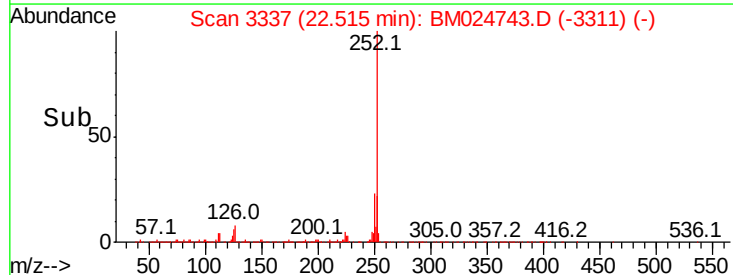
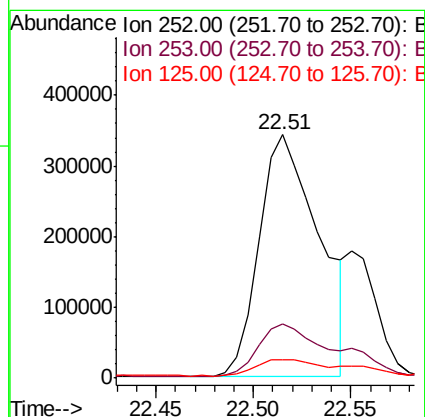
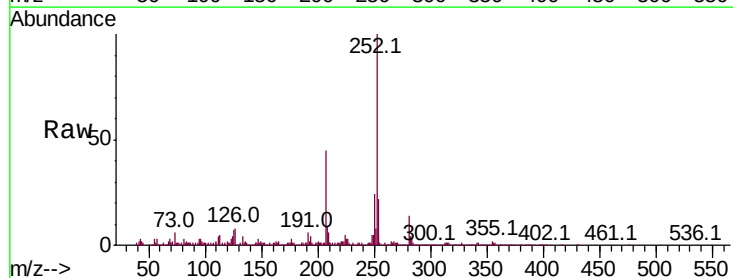
RT: 22.51 min Scan# 3337

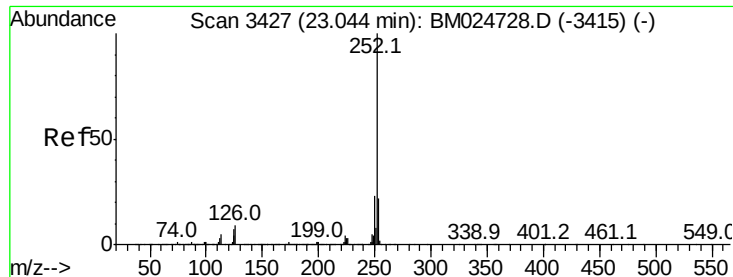
Delta R.T. -0.05 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

Tgt Ion:252	Resp:	729281
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.4 26.0
125	7.4	5.1 7.7





#91

Benzo(a)pyrene

Concen: 4.469 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

Instrument :

BNA_M

ClientSampleId :

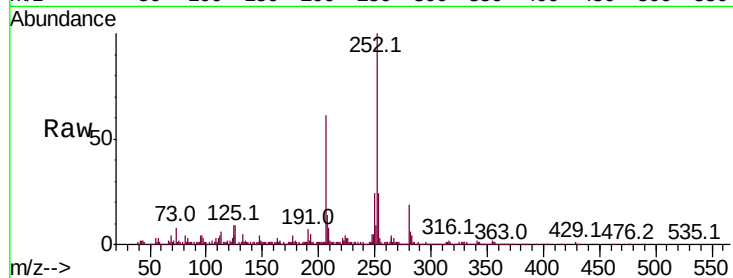
Tot Ion:252 Resp: 431509

Ion Ratio Lower Upper

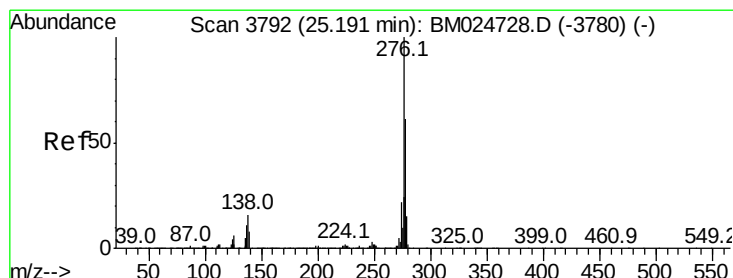
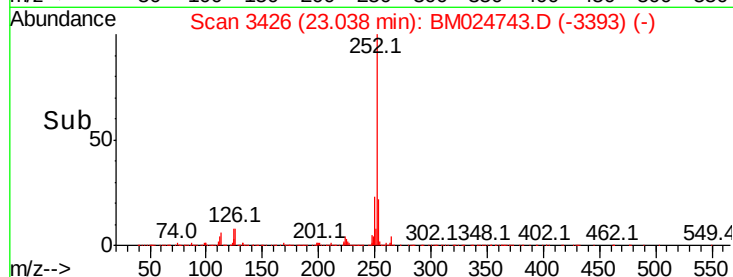
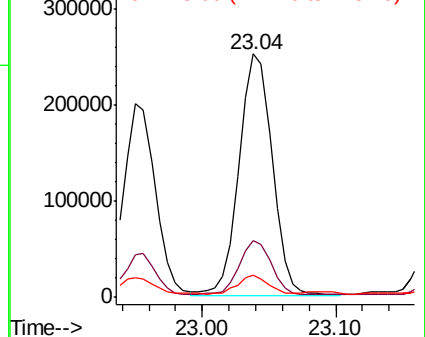
252 100

253 23.6 17.5 26.3

125 9.0 5.6 8.4#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.292 ng/ul

RT: 25.19 min Scan# 3791

Delta R.T. -0.01 min

Lab File: BM024743.D

Acq: 07 Feb 2020 00:27

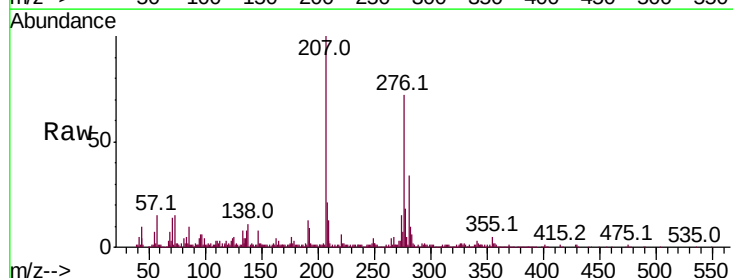
Tgt Ion:276 Resp: 275527

Ion Ratio Lower Upper

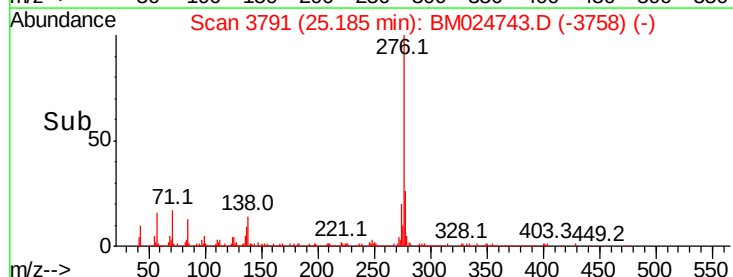
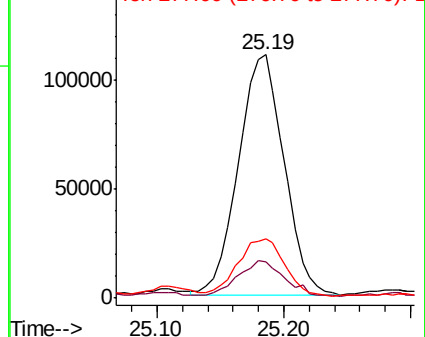
276 100

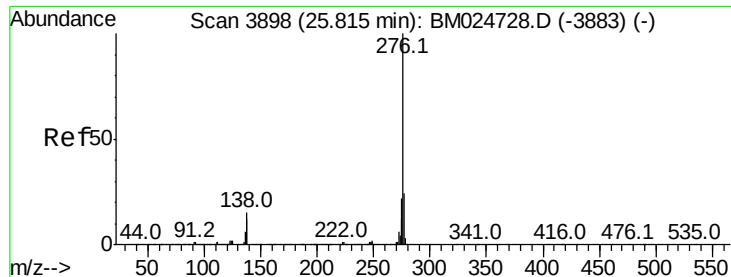
138 15.0 12.8 19.2

277 24.5 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.511 ng/ul

RT: 25.80 min Scan# 3896

Delta R.T. -0.01 min

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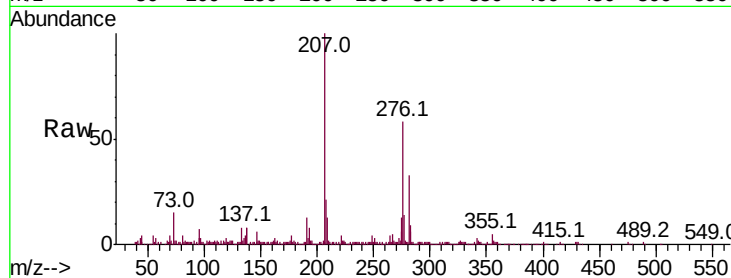
Tot Ion:276 Resp: 251069

Ion Ratio Lower Upper

276 100

138 14.2 11.8 17.6

277 24.4 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

