

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024736.D
 Acq On : 06 Feb 2020 20:14
 Operator : CG/JU
 Sample : L1398-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 21:01:39 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	256095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1014310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	698146	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1583619	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1639013	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1820732	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	16963	3.19	ng/uL	0.00
5) Phenol-d5	6.60	99	277289	16.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	167089	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	257702	16.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	237707	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	123528	16.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	144444	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	273831	15.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	318153	19.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	905995	17.19	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1049523	17.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	102963	12.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	798234	17.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	133585	12.94	ng/ul	0.00
71) Anthracene-d10	16.92	188	1242117	17.18	ng/ul	0.00
79) Pyrene-d10	19.22	212	1488094	18.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1648655	18.03	ng/ul	0.00

Target Compounds

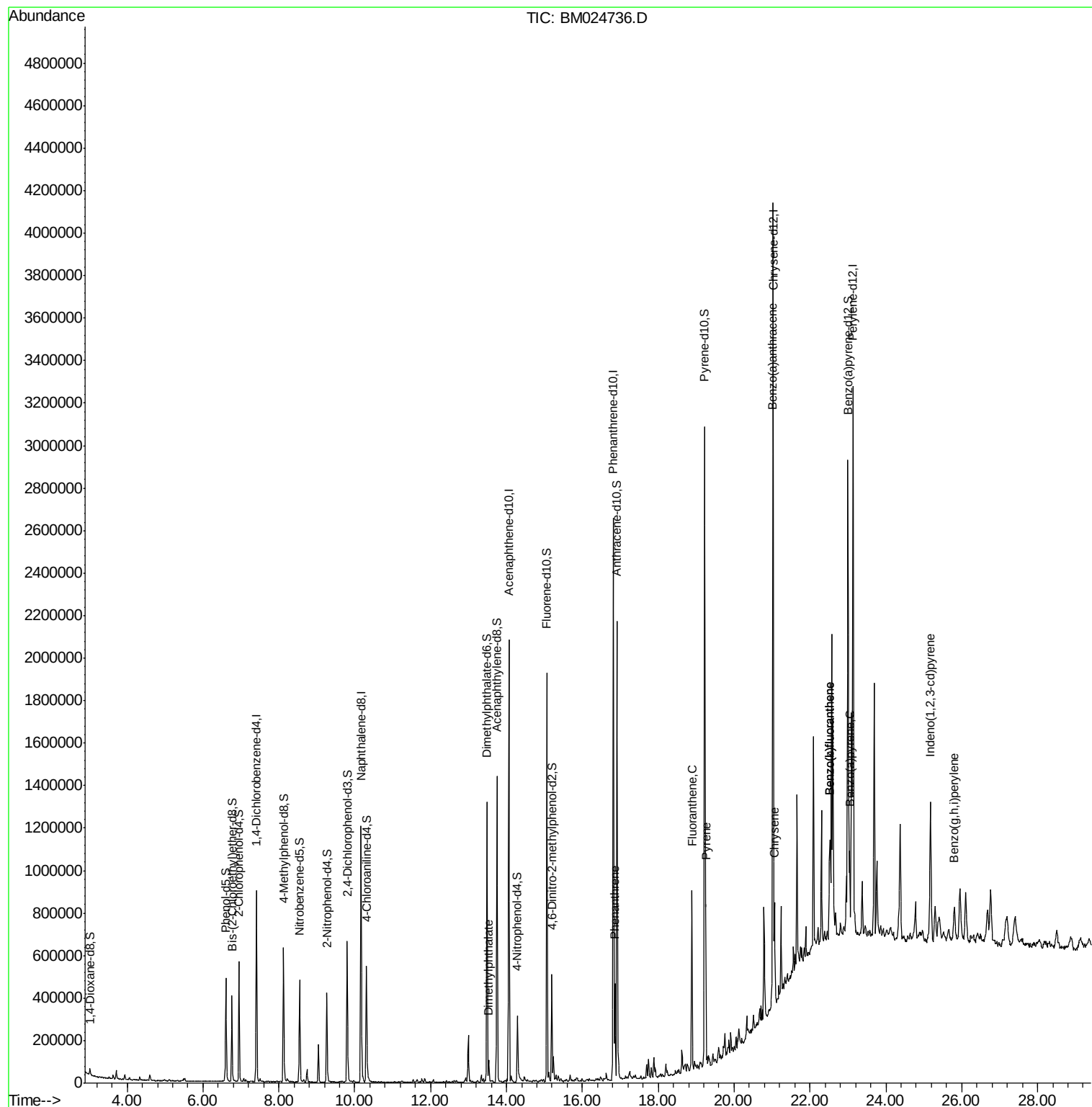
				Ovalue	
45) Dimethylphthalate	13.53	163	61958	1.127	ng/ul# 95
70) Phenanthrene	16.86	178	260652	3.019	ng/ul 99
77) Fluoranthene	18.89	202	520543	4.911	ng/ul 100
80) Pyrene	19.25	202	464963	4.286	ng/ul 99
83) Benzo(a)anthracene	21.02	228	291254	2.638	ng/ul 97
85) Chrysene	21.06	228	288953	2.658	ng/ul 99
88) Benzo(b)fluoranthene	22.52	252	400734	3.461	ng/ul 97
89) Benzo(k)fluoranthene	22.52	252	400734	3.596	ng/ul 97
91) Benzo(a)pyrene	23.04	252	265708	2.560	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.19	276	200941	1.555	ng/ul 99
94) Benzo(g,h,i)perylene	25.81	276	187256	1.742	ng/ul 97

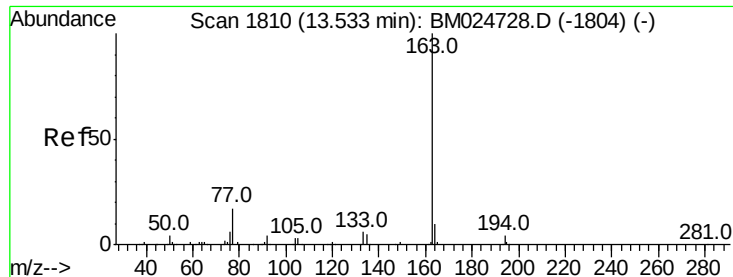
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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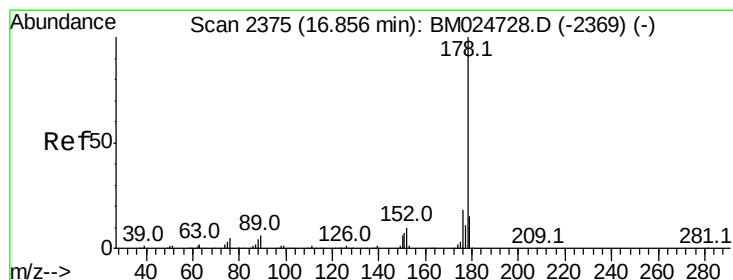
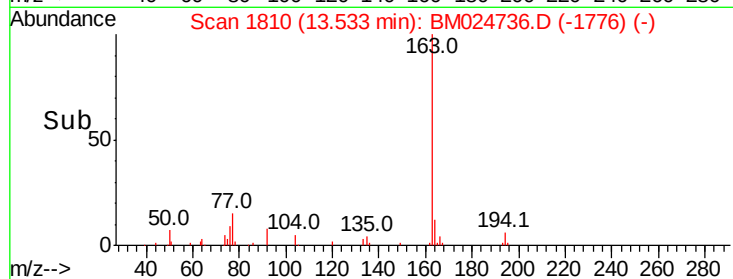
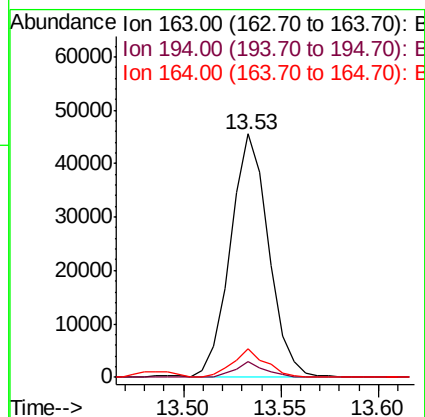
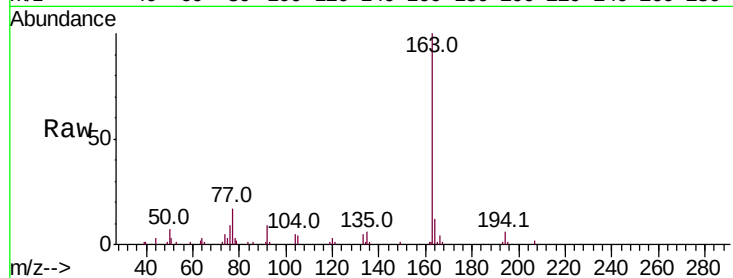




#45
Dimethylphthalate
Concen: 1.127 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024736.D
Acq: 06 Feb 2020 20:14

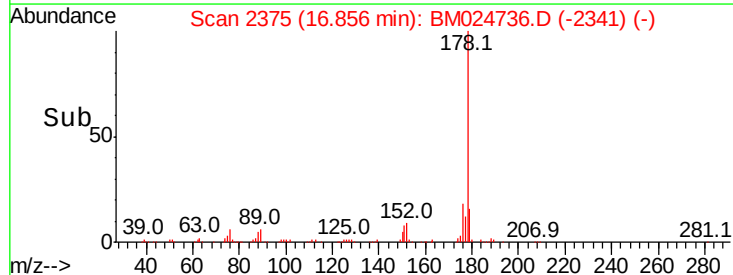
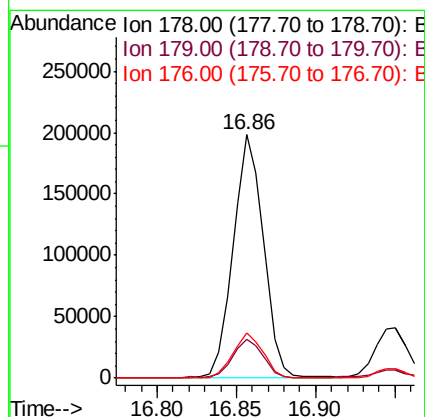
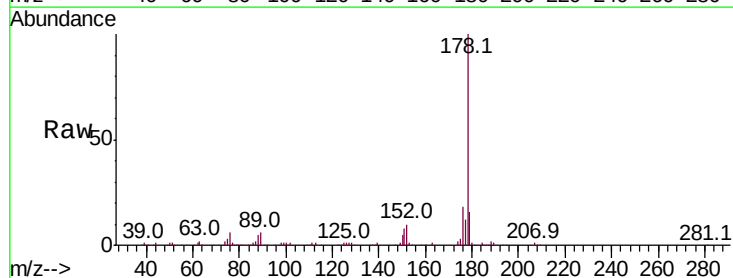
Instrument :
BNA_M
ClientSampleId :

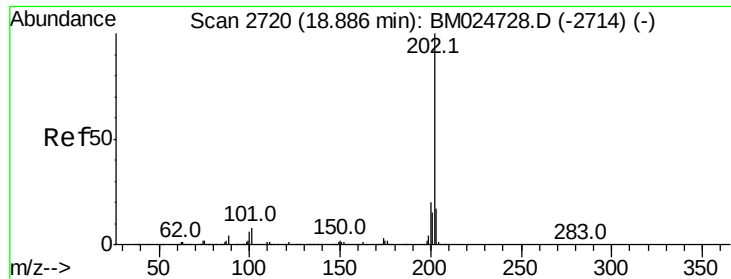
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.5	5.3#
164	11.7	8.2	12.2



#70
Phenanthrene
Concen: 3.019 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024736.D
Acq: 06 Feb 2020 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	18.4	14.5	21.7

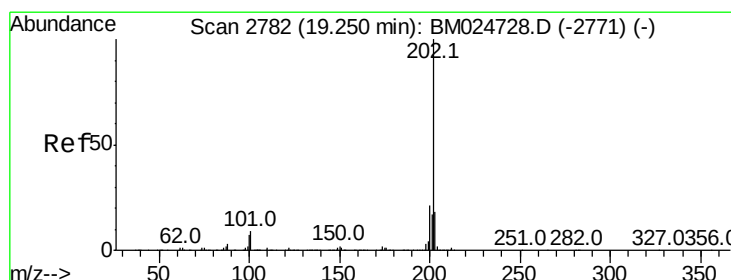
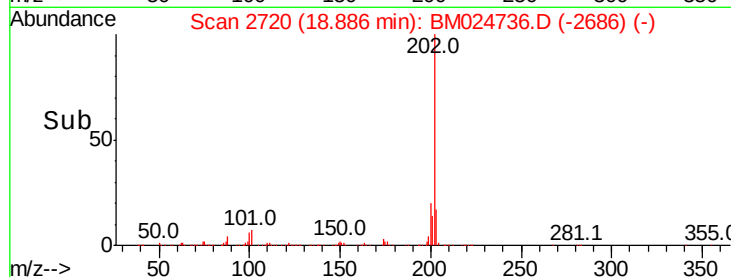
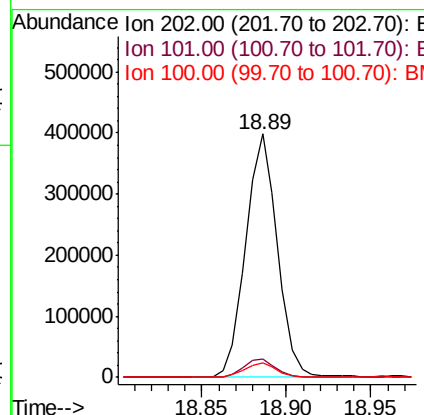
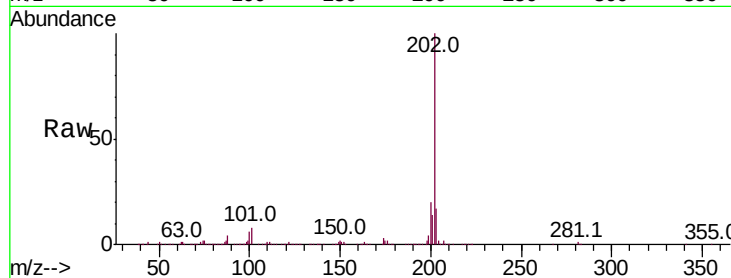




#77
 Fluoranthene
 Concen: 4.911 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024736.D
 Acq: 06 Feb 2020 20:14

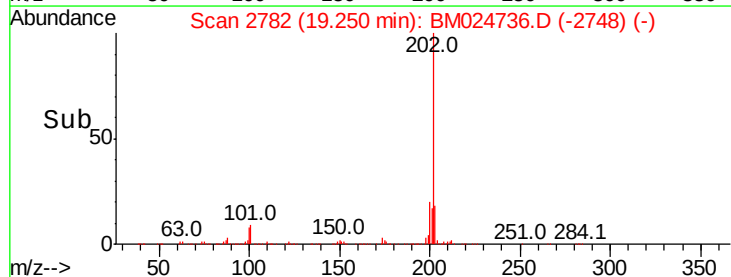
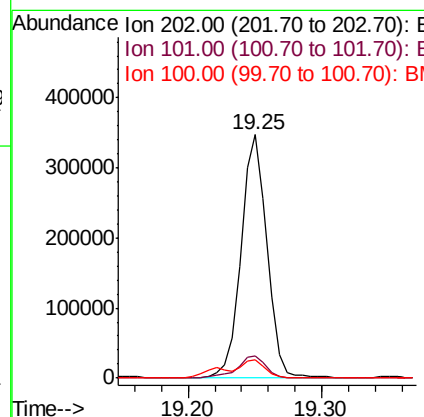
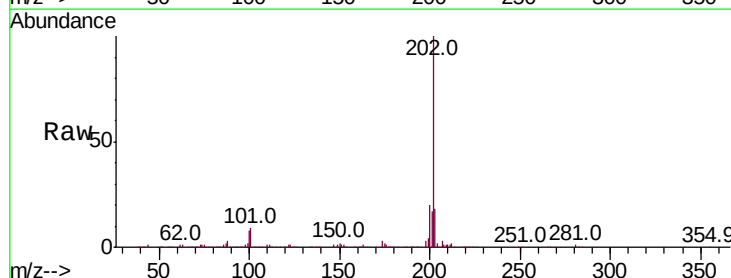
Instrument :
 BNA_M
 ClientSampleId :

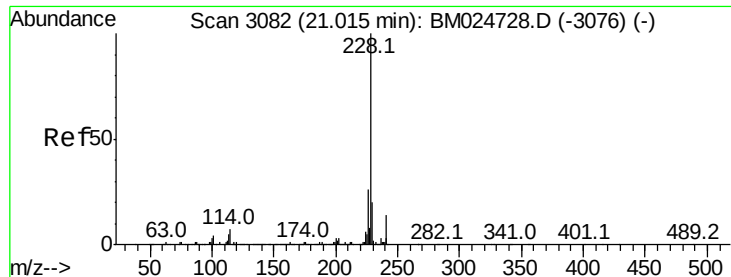
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	5.9	4.8	7.2



#80
 Pyrene
 Concen: 4.286 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024736.D
 Acq: 06 Feb 2020 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	7.6	5.8	8.8





#83

Benzo(a)anthracene

Concen: 2.638 ng/ul

RT: 21.02 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM024736.D

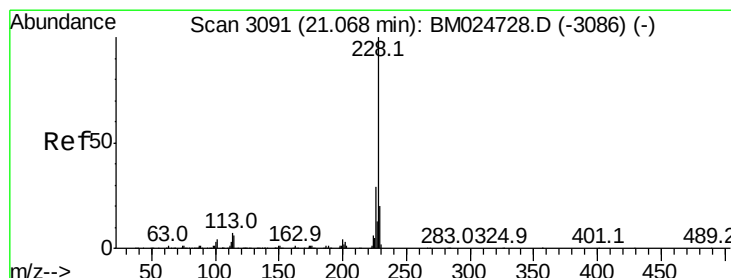
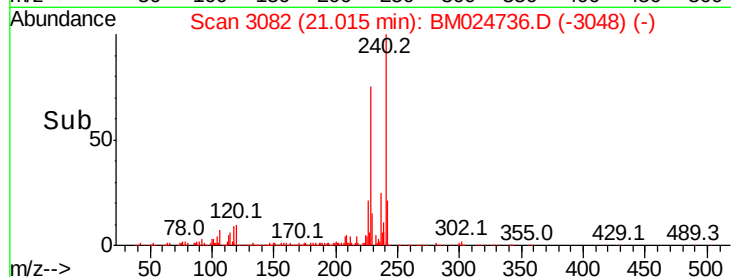
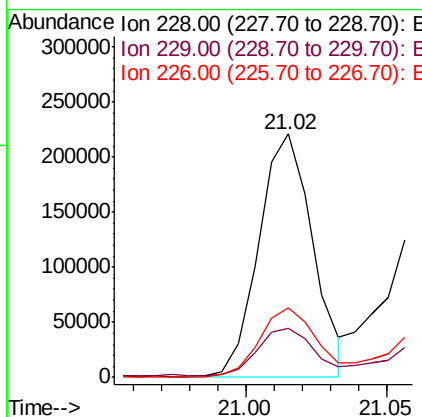
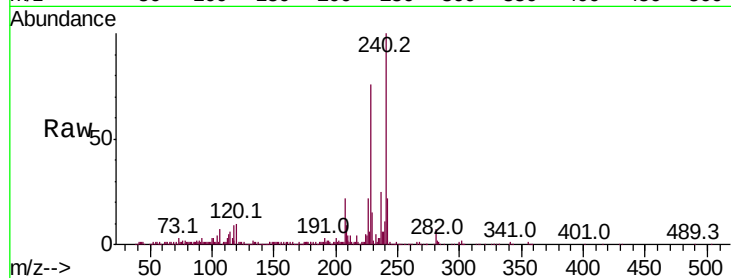
Acq: 06 Feb 2020 20:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	291254
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	28.6	20.8	31.2



#85

Chrysene

Concen: 2.658 ng/ul

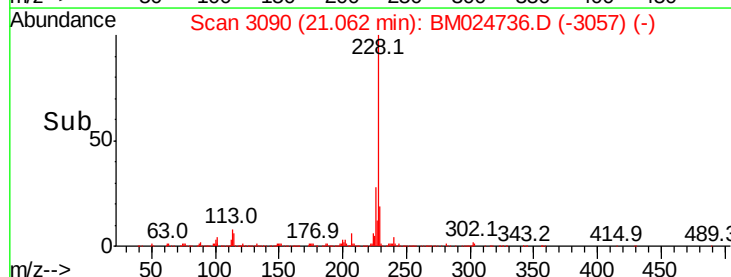
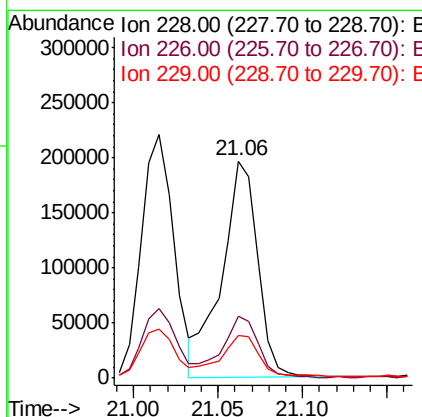
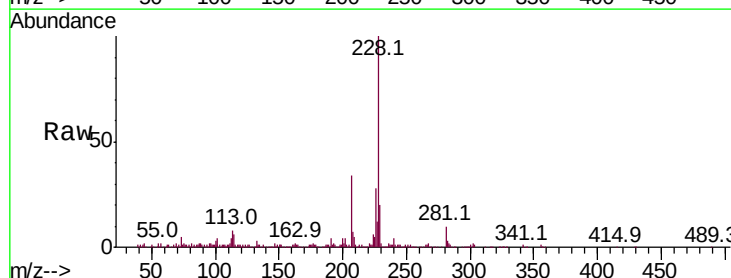
RT: 21.06 min Scan# 3090

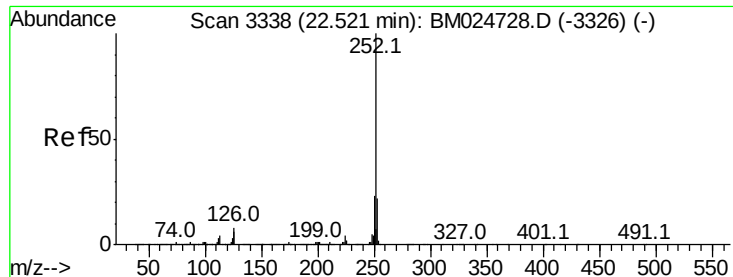
Delta R.T. -0.01 min

Lab File: BM024736.D

Acq: 06 Feb 2020 20:14

Tgt Ion:	228	Resp:	288953
Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	19.5	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 3.461 ng/ul

RT: 22.52 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BM024736.D

Acq: 06 Feb 2020 20:14

Instrument :

BNA_M

ClientSampled :

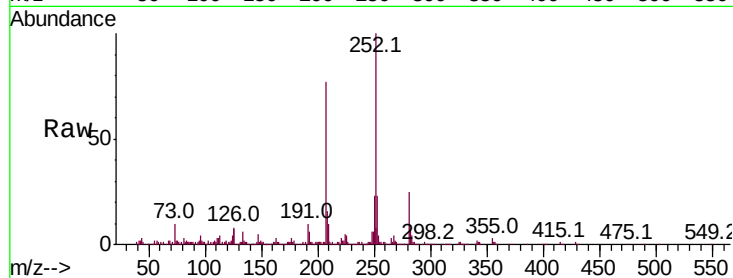
Tot Ion:252 Resp: 400734

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

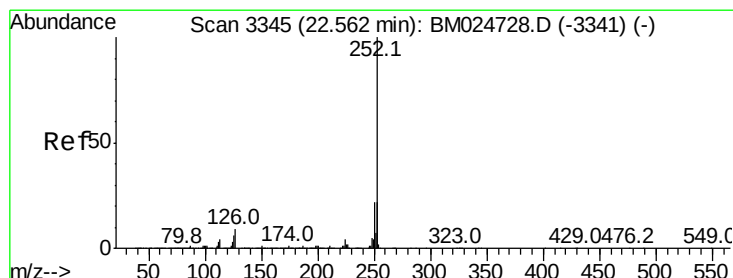
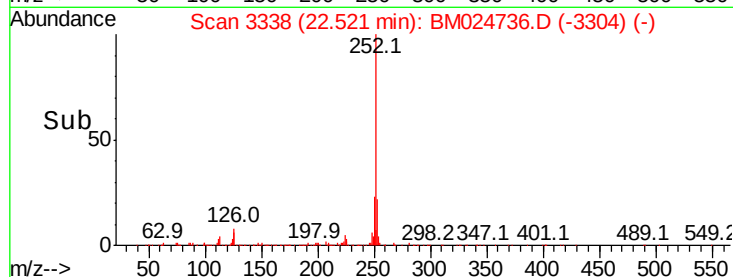
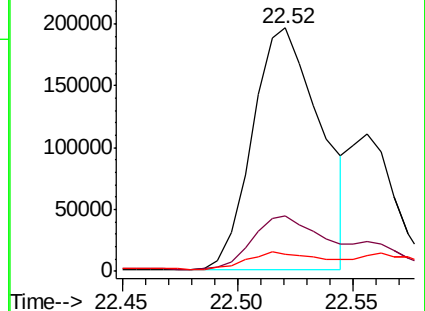
125 7.0 5.1 7.7



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



#89

Benzo(k)fluoranthene

Concen: 3.596 ng/ul

RT: 22.52 min Scan# 3338

Delta R.T. -0.04 min

Lab File: BM024736.D

Acq: 06 Feb 2020 20:14

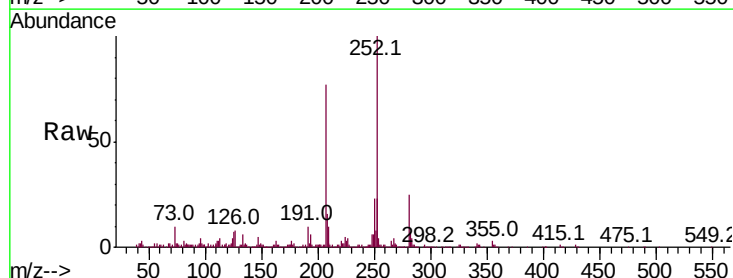
Tgt Ion:252 Resp: 400734

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

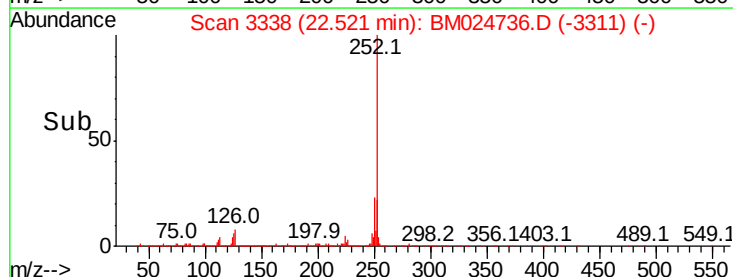
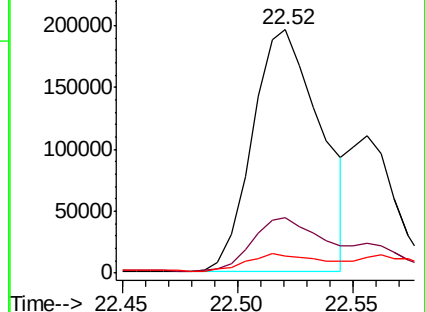
125 7.0 5.1 7.7

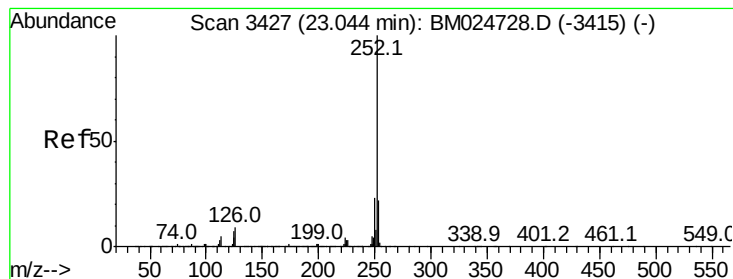


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.560 ng/ul

RT: 23.04 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM024736.D

Acq: 06 Feb 2020 20:14

Instrument :

BNA_M

ClientSampleId :

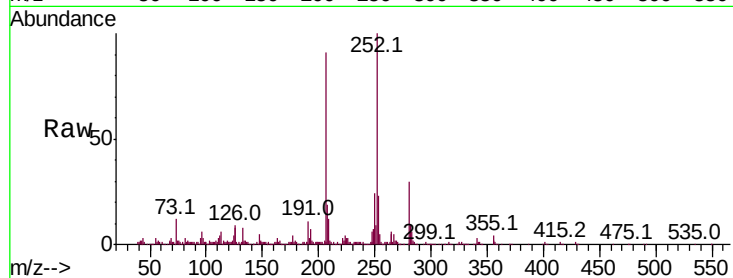
Tot Ion:252 Resp: 265708

Ion Ratio Lower Upper

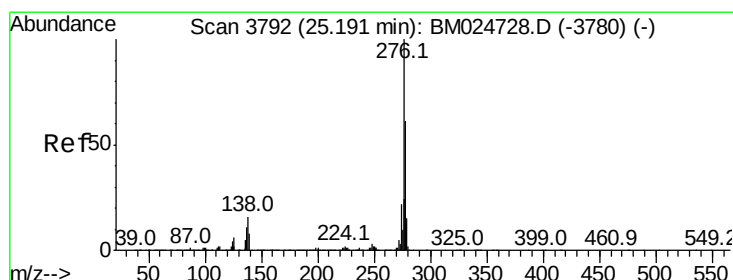
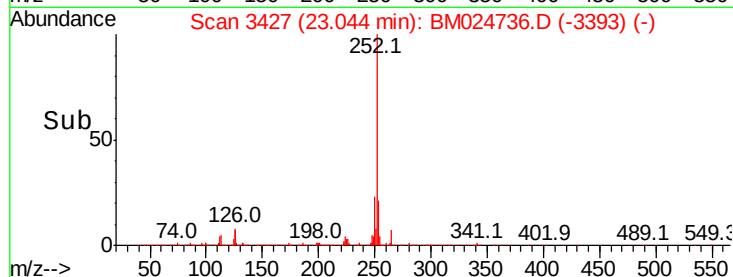
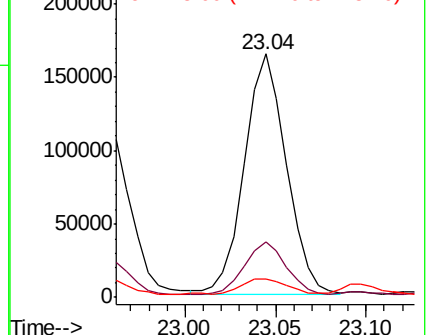
252 100

253 22.6 17.5 26.3

125 7.6 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: 1.555 ng/ul

RT: 25.19 min Scan# 3791

Delta R.T. -0.01 min

Lab File: BM024736.D

Acq: 06 Feb 2020 20:14

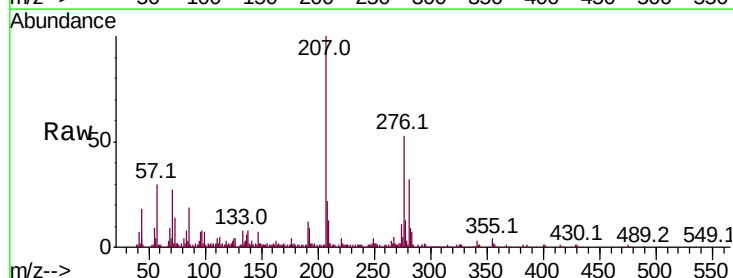
Tgt Ion:276 Resp: 200941

Ion Ratio Lower Upper

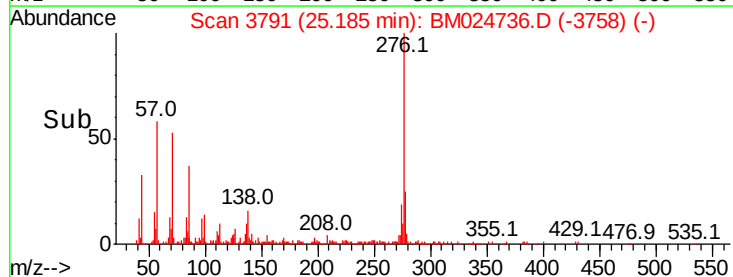
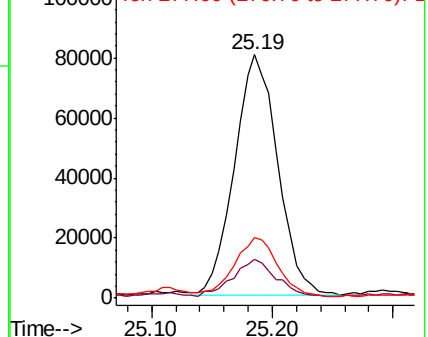
276 100

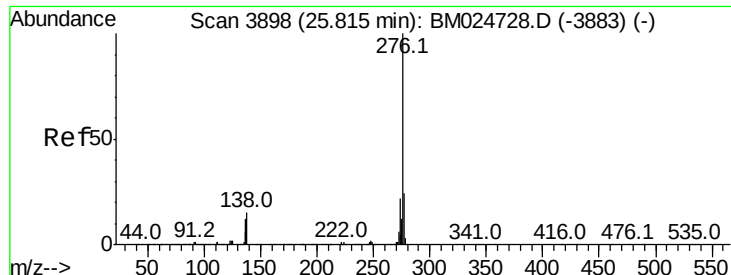
138 16.1 12.8 19.2

277 24.9 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: 1.742 ng/ul

RT: 25.81 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BM024736.D

Acq: 06 Feb 2020 20:14

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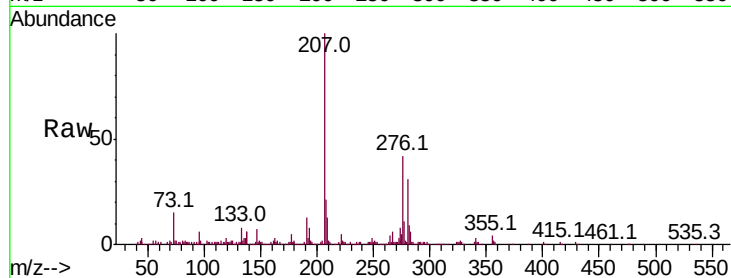
Tot Ion:276 Resp: 187256

Ion Ratio Lower Upper

276 100

138 14.3 11.8 17.6

277 25.7 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

