

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024737.D
 Acq On : 06 Feb 2020 20:50
 Operator : CG/JU
 Sample : L1398-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6D7

Quant Time: Feb 06 21:35:47 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	266695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1070028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	736619	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1617066	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1554050	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1718943	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	17356	3.13	ng/uL	0.00
5) Phenol-d5	6.60	99	286994	16.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	176479	17.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	267546	16.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	246102	16.46	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	131660	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	155347	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	289522	15.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	346659	20.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	955410	17.18	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1099706	16.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	105982	11.73	ng/ul	0.00
58) Fluorene-d10	15.06	176	837514	17.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	137943	13.09	ng/ul	0.00
71) Anthracene-d10	16.92	188	1284133	17.40	ng/ul	0.00
79) Pyrene-d10	19.22	212	1476024	18.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1550305	17.96	ng/ul	0.00

Target Compounds

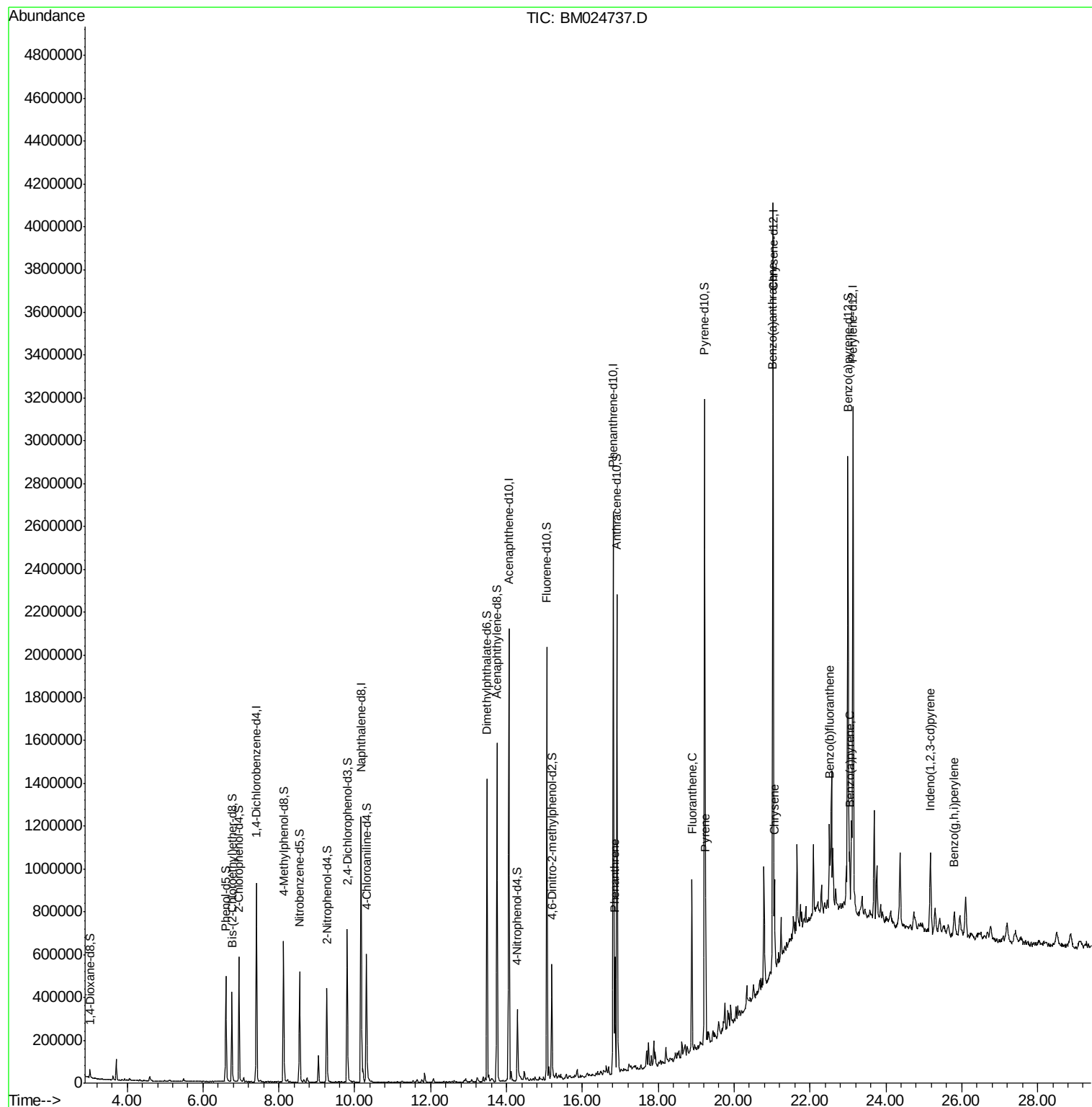
					Ovalue	
70) Phenanthrene	16.86	178	311901	3.537	ng/ul	99
77) Fluoranthene	18.89	202	486816	4.498	ng/ul	99
80) Pyrene	19.25	202	422990	4.112	ng/ul	99
83) Benzo(a)anthracene	21.02	228	253818	2.425	ng/ul	98
85) Chrysene	21.06	228	248193	2.408	ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	322811	2.953	ng/ul#	97
91) Benzo(a)pyrene	23.04	252	198423	2.025	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	129166	1.059	ng/ul	98
94) Benzo(a,h,i)perylene	25.80	276	126923	1.251	ng/ul	99

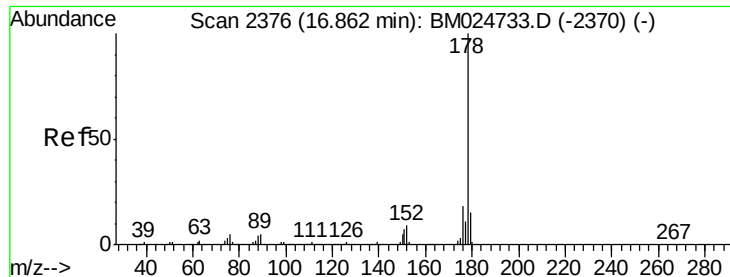
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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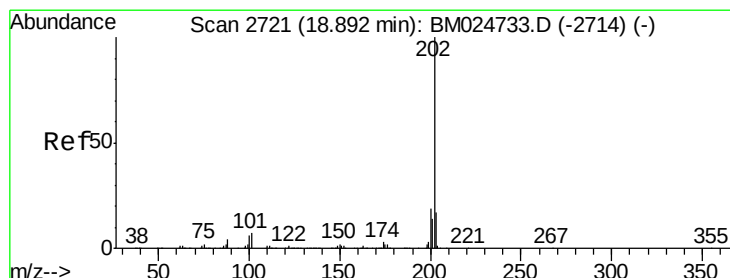
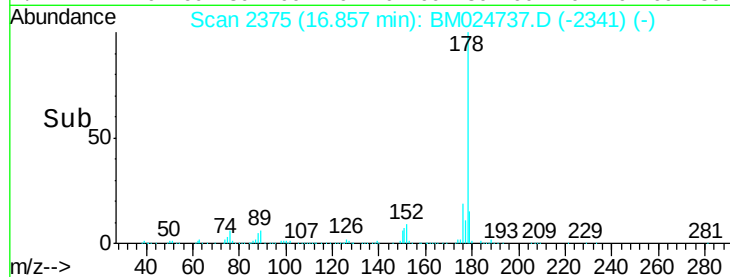
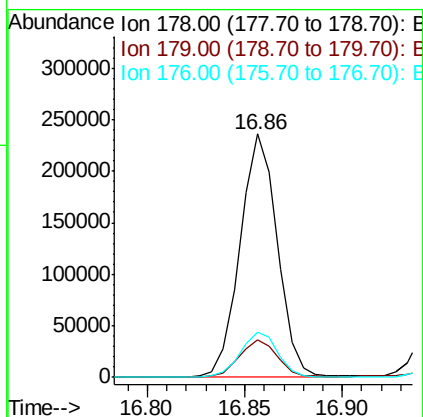
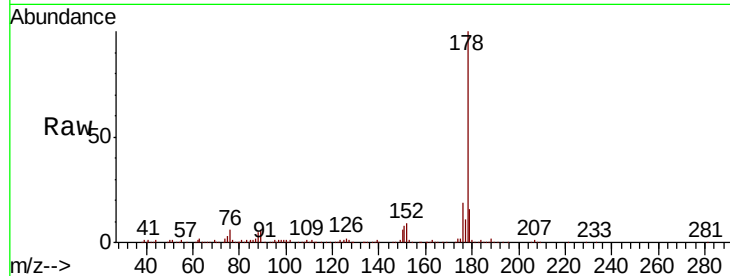




#70
Phenanthrene
Concen: 3.537 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024737.D
Acq: 06 Feb 2020 20:50

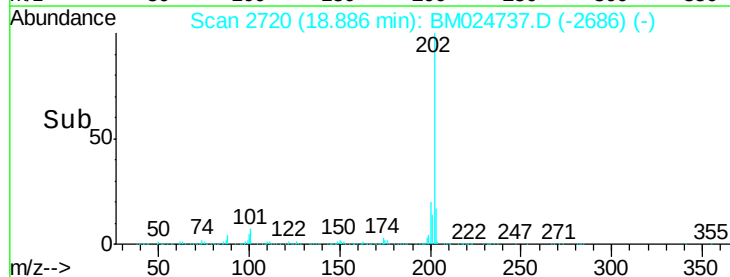
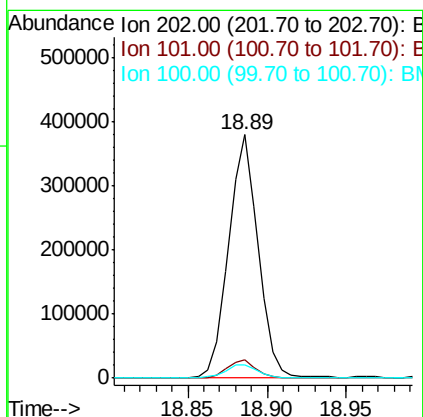
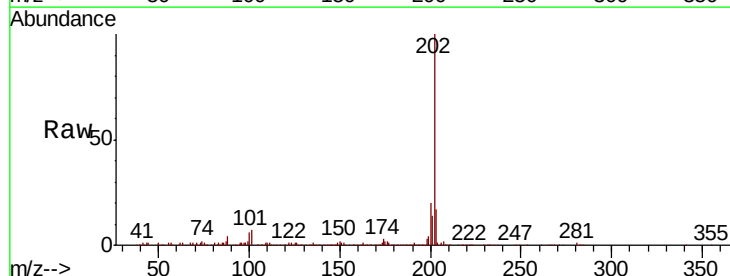
Instrument :
BNA_M
ClientSampleId :
CB6D7

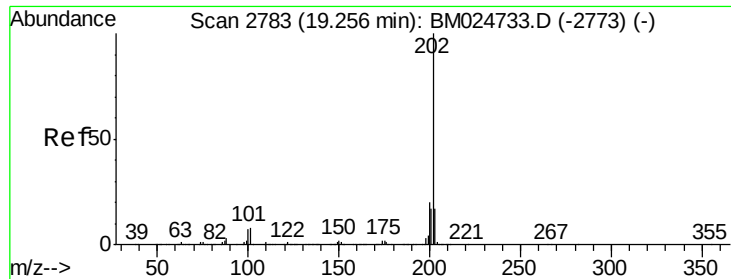
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.6	14.5	21.7



#77
Fluoranthene
Concen: 4.498 ng/ul
RT: 18.89 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BM024737.D
Acq: 06 Feb 2020 20:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.1	9.1
100	5.6	4.8	7.2

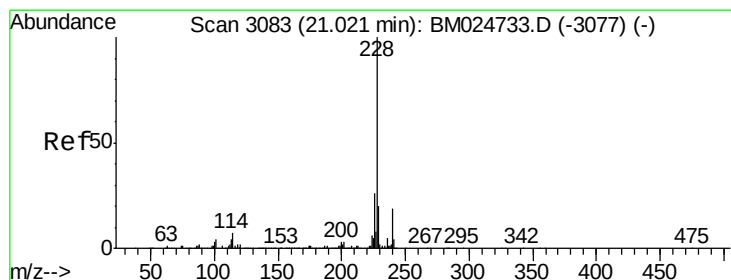
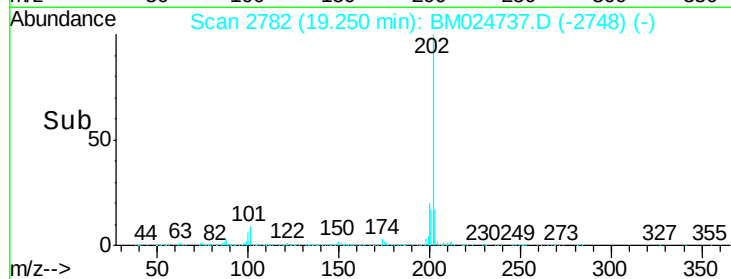
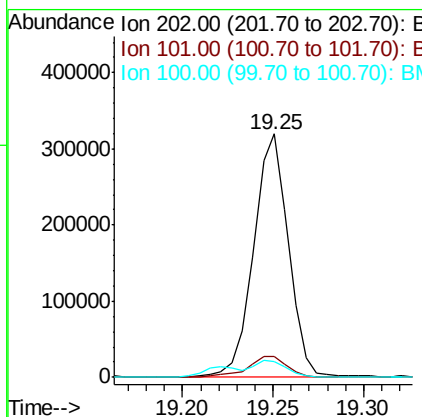
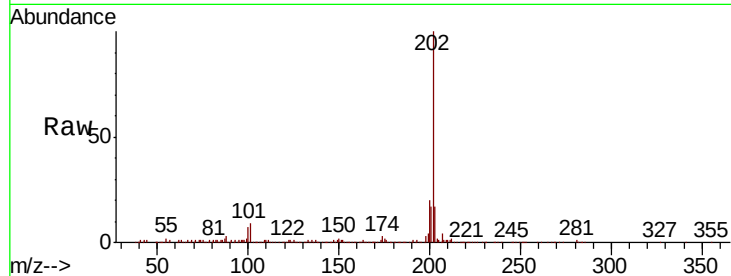




#80
 Pvrene
 Concen: 4.112 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024737.D
 Acq: 06 Feb 2020 20:50

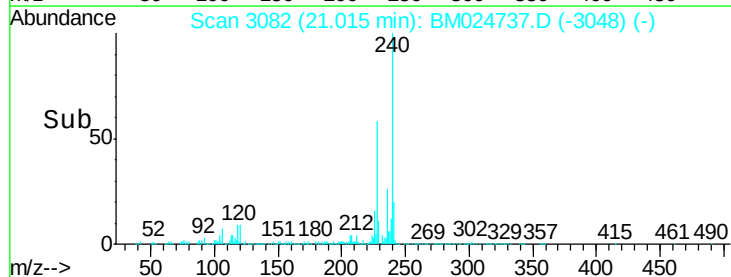
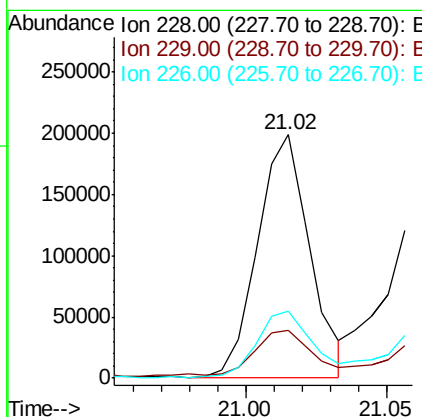
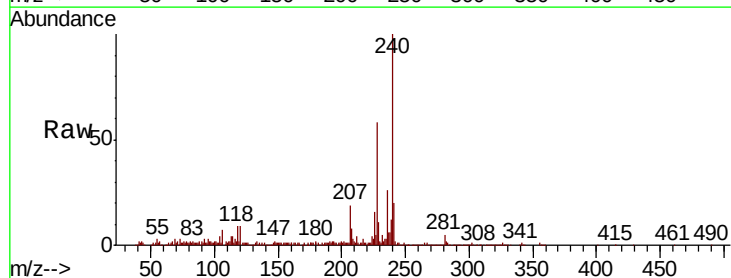
Instrument :
 BNA_M
 ClientSampleId :
 CB6D7

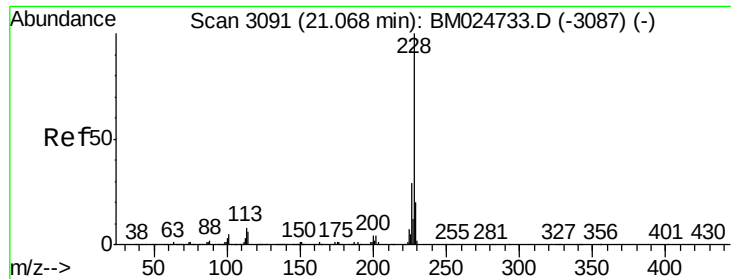
Tot Ion:	202	Resp:	422990
Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	6.5	5.8	8.8



#83
 Benzo(a)anthracene
 Concen: 2.425 ng/ul
 RT: 21.02 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BM024737.D
 Acq: 06 Feb 2020 20:50

Tgt Ion:	228	Resp:	253818
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	27.7	20.8	31.2





#85

Chrysene

Concen: 2.408 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024737.D

Acq: 06 Feb 2020 20:50

Instrument :

BNA_M

ClientSampleId :

CB6D7

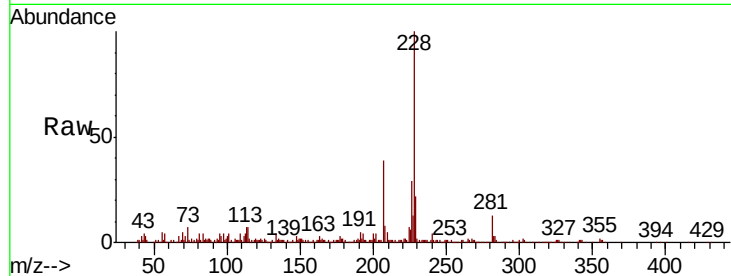
Tot Ion:228 Resp: 248193

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	22.1	15.8	23.8

228 100

226 28.7 23.0 34.4

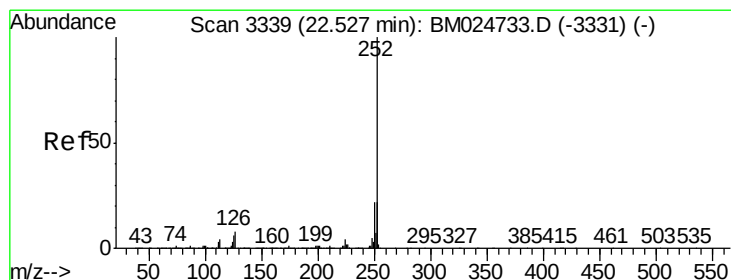
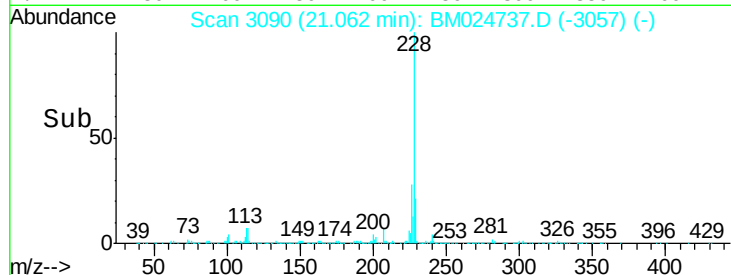
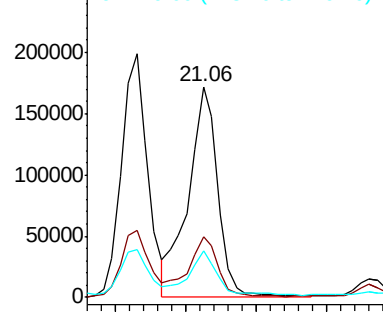
229 22.1 15.8 23.8



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: 2.953 ng/ul

RT: 22.52 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024737.D

Acq: 06 Feb 2020 20:50

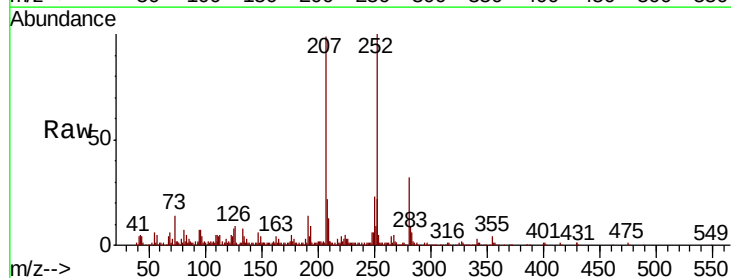
Tgt Ion:252 Resp: 322811

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	8.5	5.1	7.7#

252 100

253 22.5 17.3 25.9

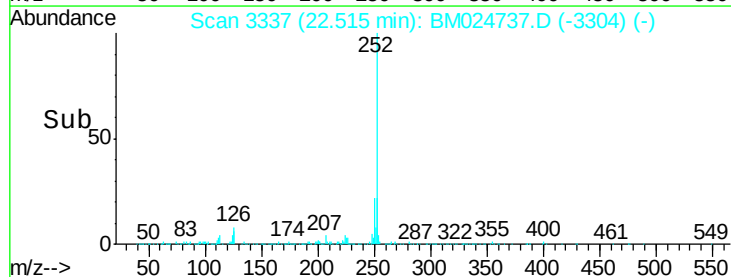
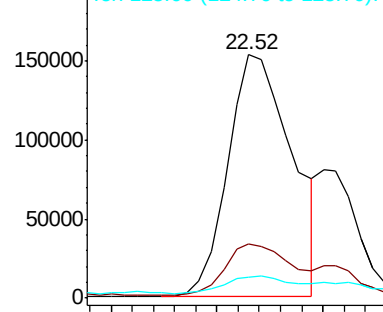
125 8.5 5.1 7.7#

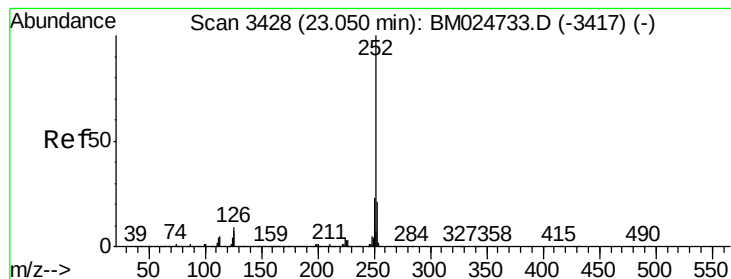


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.025 ng/ul

RT: 23.04 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM024737.D

Acq: 06 Feb 2020 20:50

Instrument :

BNA_M

ClientSampleId :

CB6D7

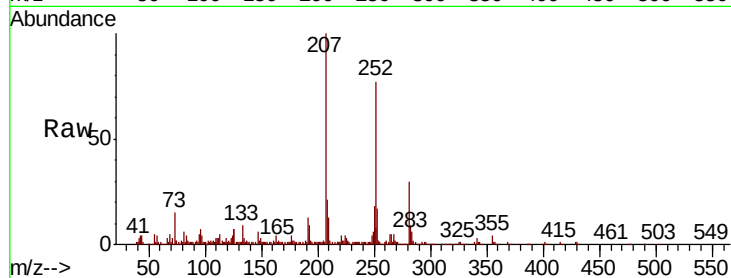
Tot Ion:252 Resp: 198423

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

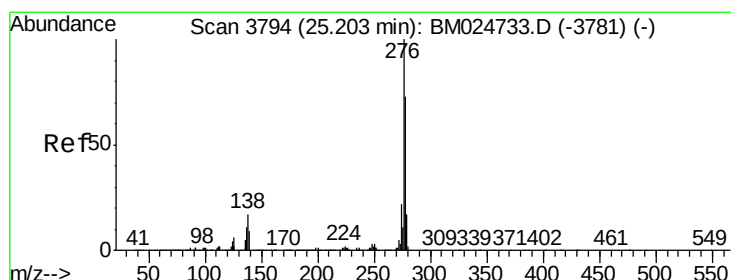
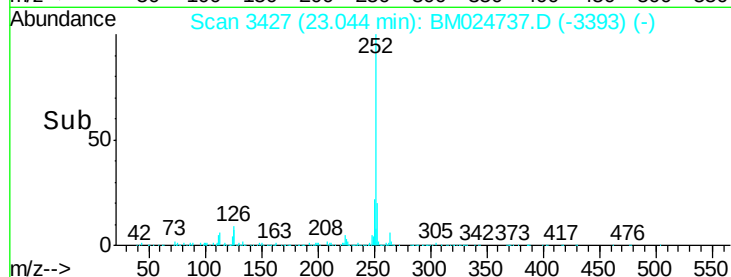
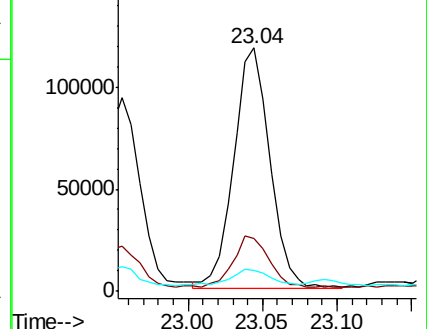
125 8.6 5.6 8.4#



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: 1.059 ng/ul

RT: 25.19 min Scan# 3791

Delta R.T. -0.01 min

Lab File: BM024737.D

Acq: 06 Feb 2020 20:50

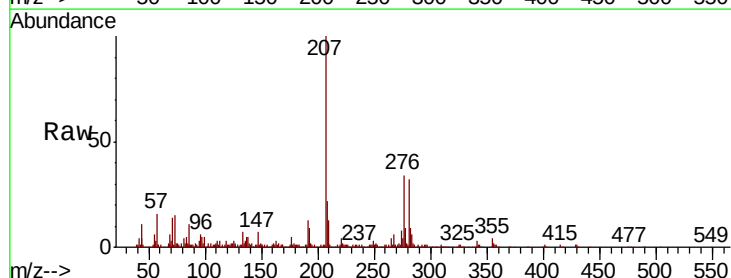
Tgt Ion:276 Resp: 129166

Ion Ratio Lower Upper

276 100

138 15.5 12.8 19.2

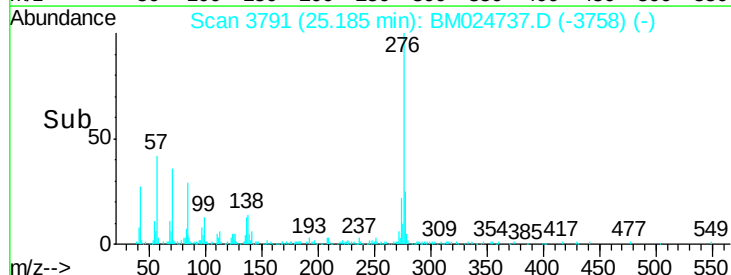
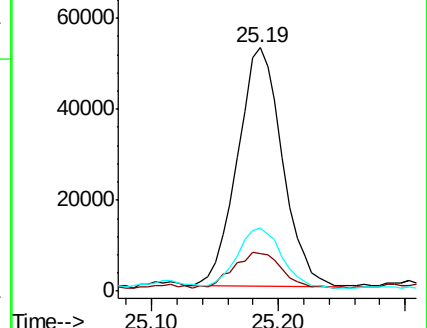
277 25.7 19.3 28.9

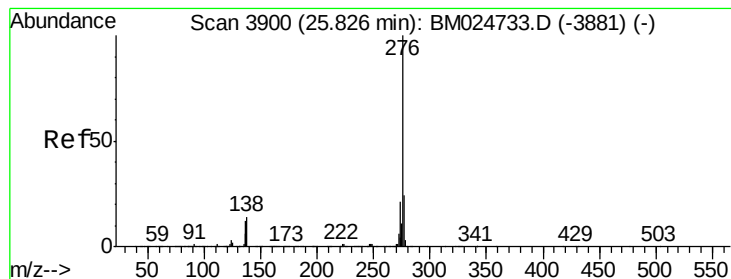


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.251 ng/ul

RT: 25.80 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM024737.D

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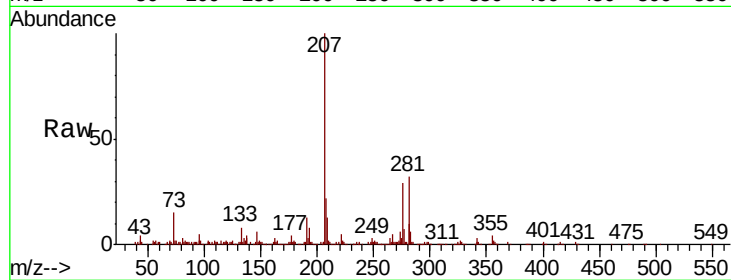
Tot Ion:276 Resp: 126923

Ion Ratio Lower Upper

276 100

138 13.8 11.8 17.6

277 23.9 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

