

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 :

Quant Time: Feb 06 21:33:39 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	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

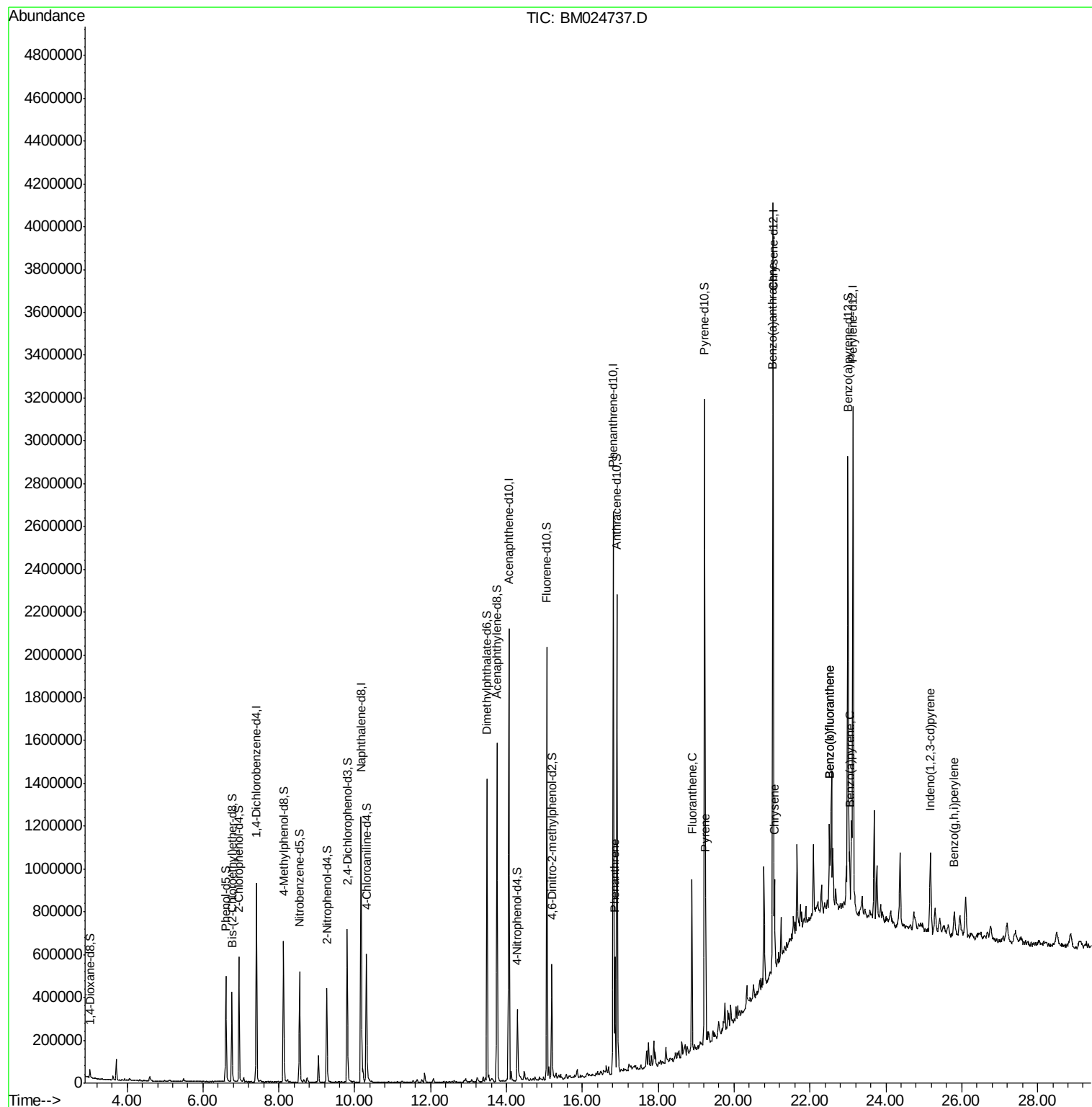
					Ovalue	
70) Phenanthrene	16.86	178	311901	3.537	ng/ul	99
77) Fluoranthene	18.89	202	486816	4.498	ng/ul	99
80) Pyrene	19.25	202	422990	4.112	ng/ul	99
83) Benzo(a)anthracene	21.02	228	253818	2.425	ng/ul	98
85) Chrysene	21.06	228	248193	2.408	ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	322811	2.953	ng/ul#	97
89) Benzo(k)fluoranthene	22.52	252	322811	3.068	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(g,h,i)perylene	25.80	276	126923	1.251	ng/ul	99

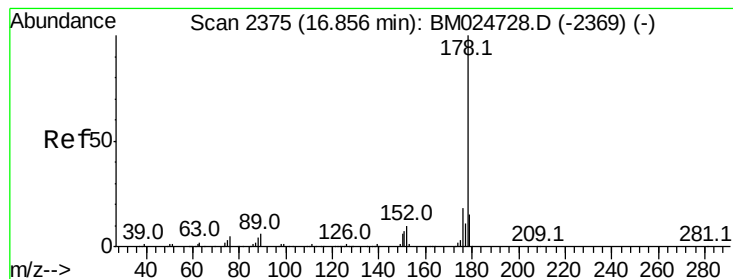
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#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

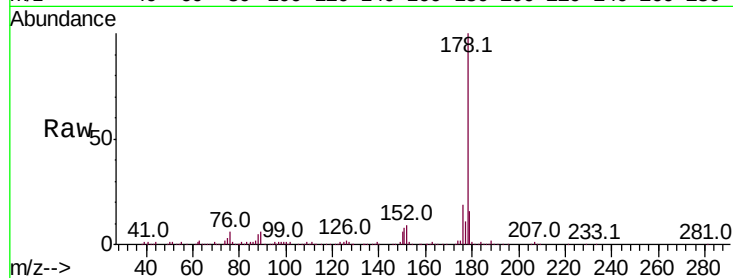
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 311901

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

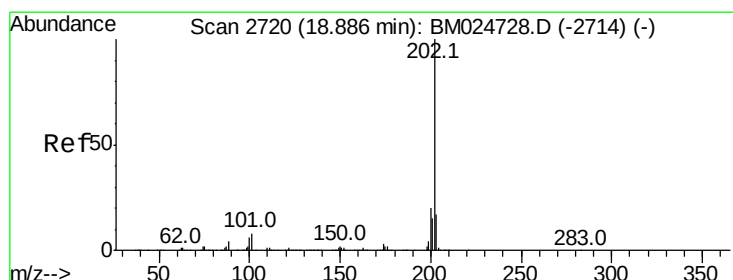
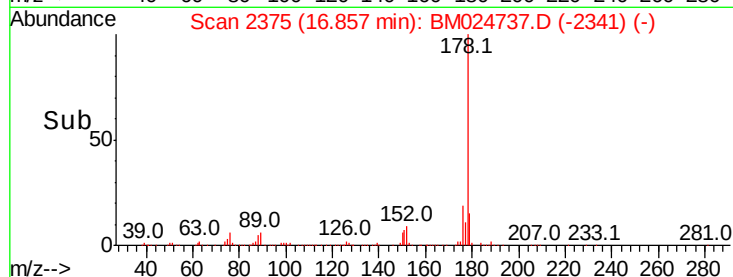
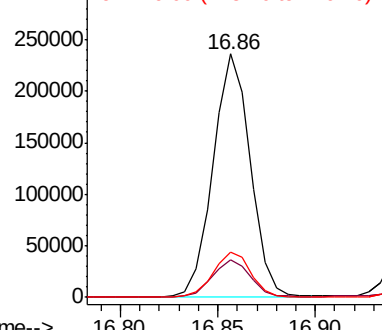


Abundance

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



#77

Fluoranthene

Concen: 4.498 ng/ul

RT: 18.89 min Scan# 2720

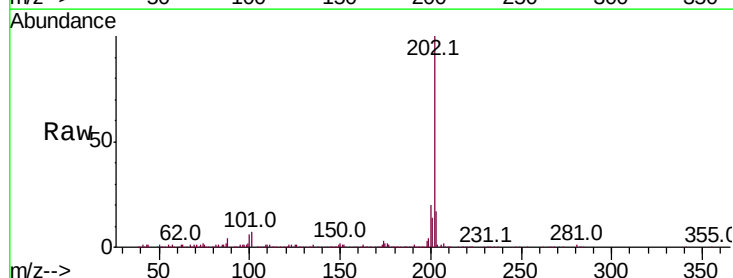
Delta R.T. 0.00 min

Lab File: BM024737.D

Acq: 06 Feb 2020 20:50

Tgt Ion:202 Resp: 486816

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

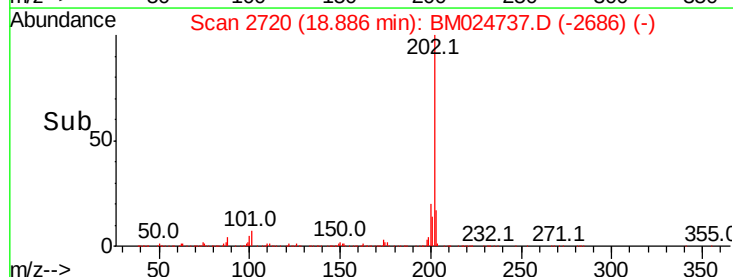
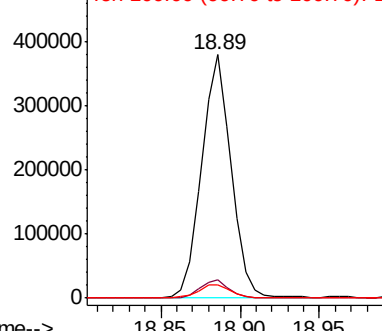


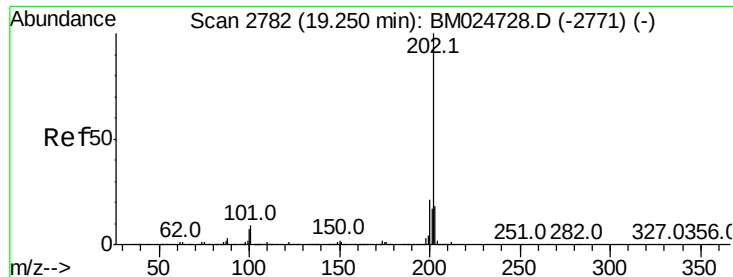
Abundance

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

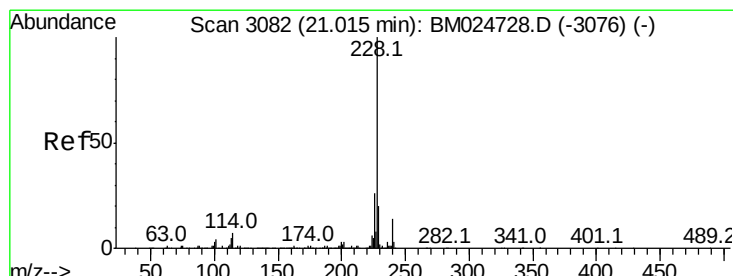
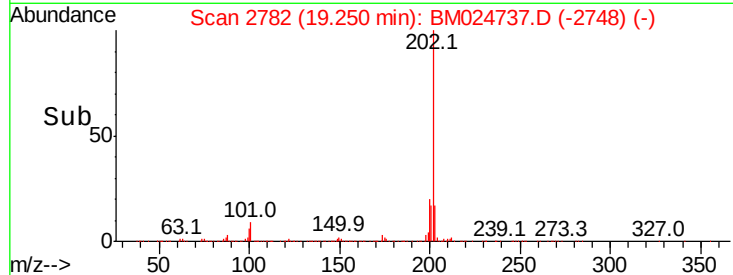
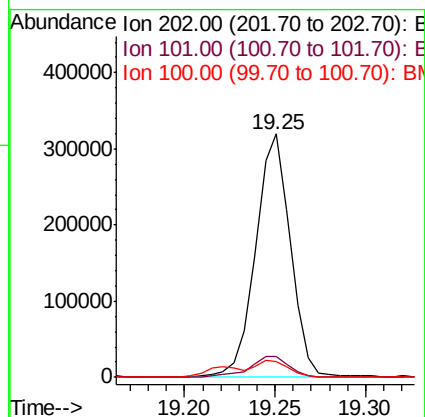
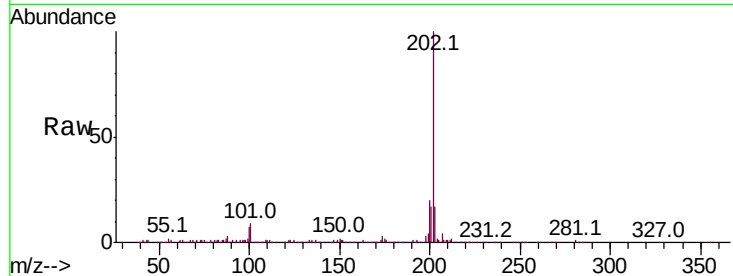




#80
 Pvrene
 Concen: 4.112 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024737.D
 Acq: 06 Feb 2020 20:50

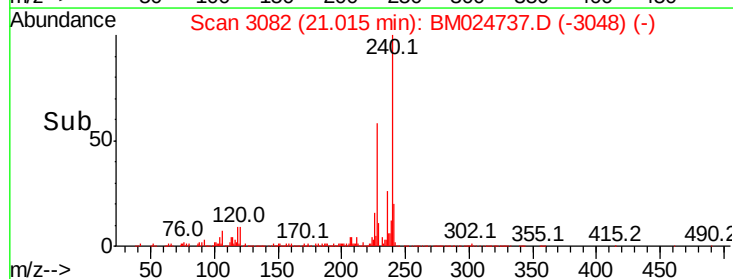
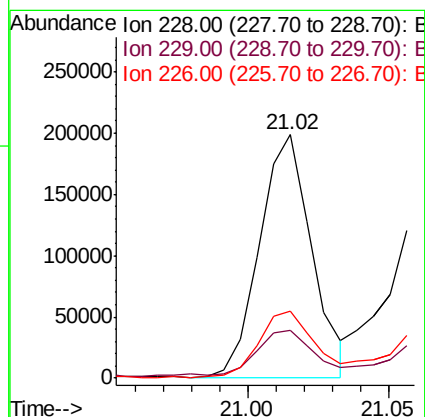
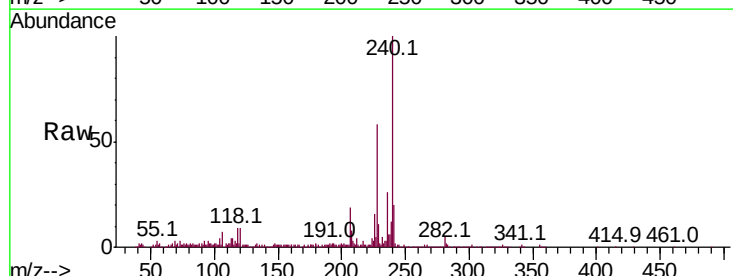
Instrument :
 BNA_M
 ClientSampleId :

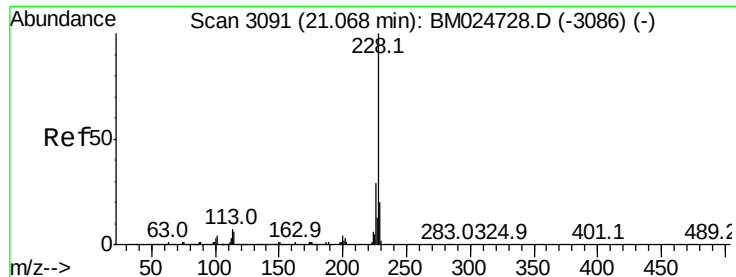
Tot Ion:	202	Resp:	422990
Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	6.5	5.8	8.8



#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

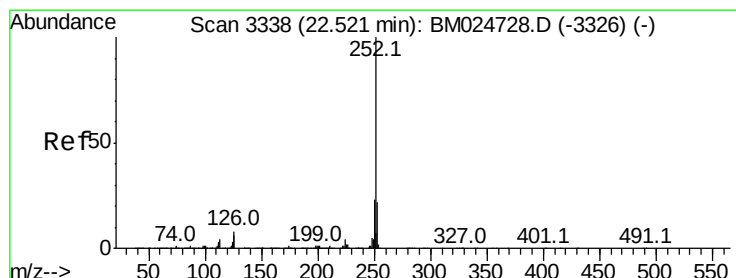
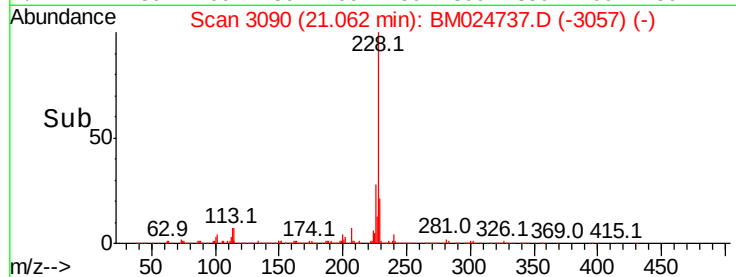
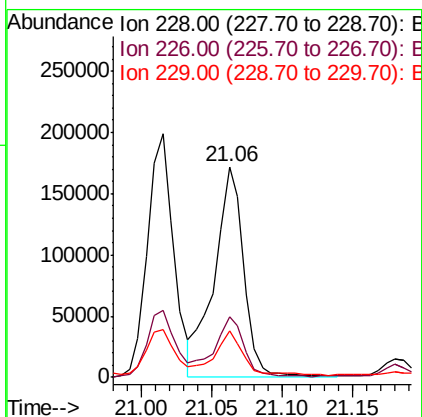
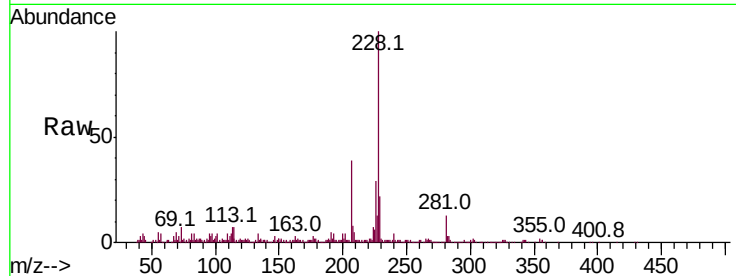




#85
Chrysene
Concen: 2.408 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024737.D
Acq: 06 Feb 2020 20:50

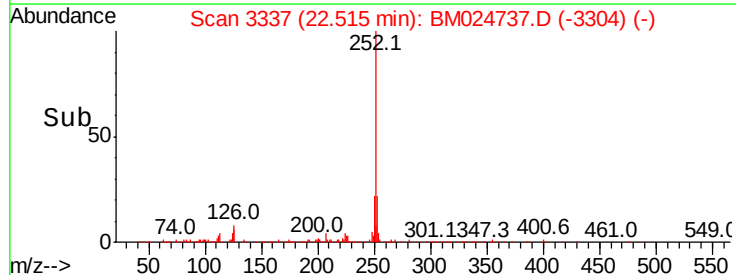
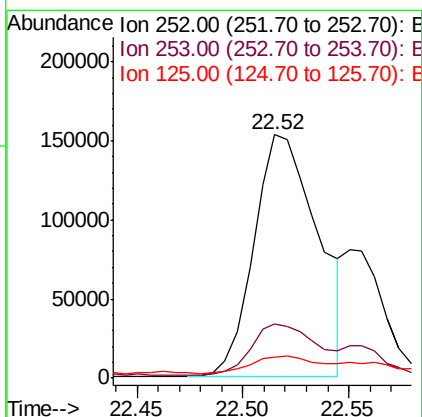
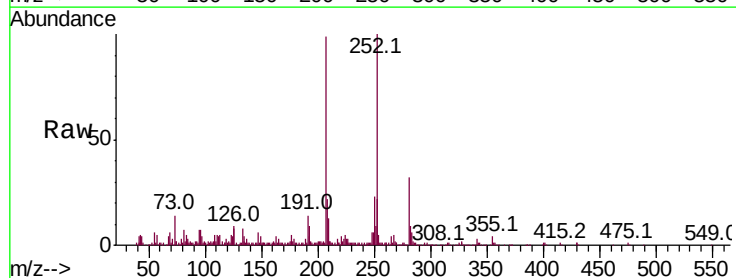
Instrument :
BNA_M
ClientSampleId :

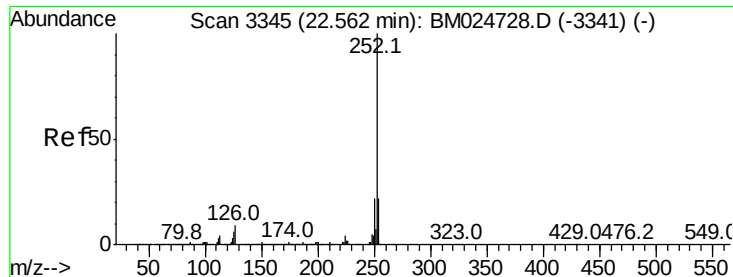
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	22.1	15.8	23.8



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





#89

Benzo(k)fluoranthene

Concen: 3.068 ng/ul

RT: 22.52 min Scan# 3337

Delta R.T. -0.05 min

Lab File: BM024737.D

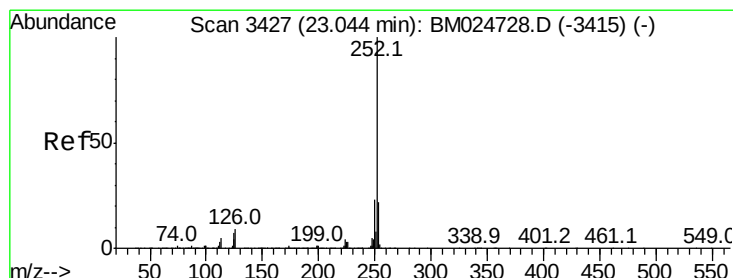
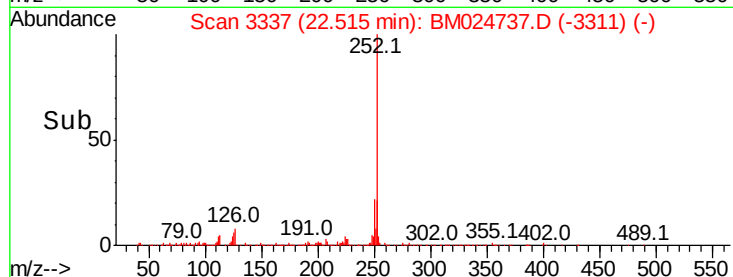
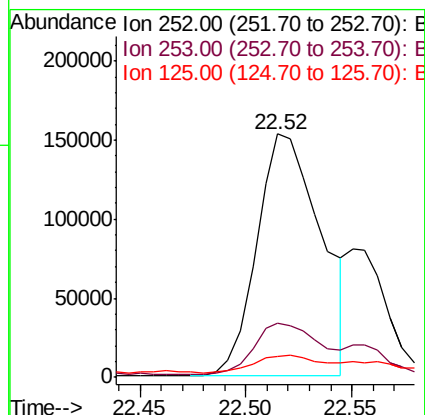
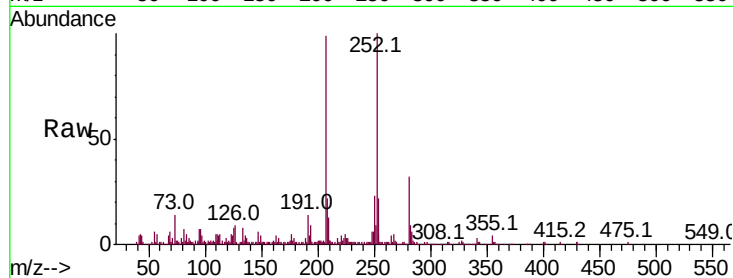
Acq: 06 Feb 2020 20:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	322811
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.4 26.0
125	8.5	5.1 7.7#



#91

Benzo(a)pyrene

Concen: 2.025 ng/ul

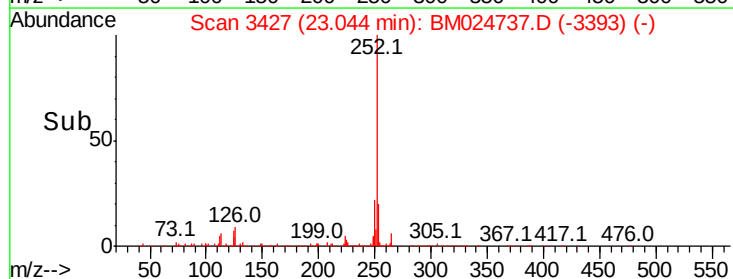
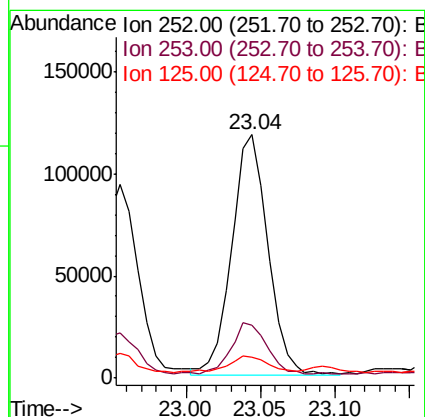
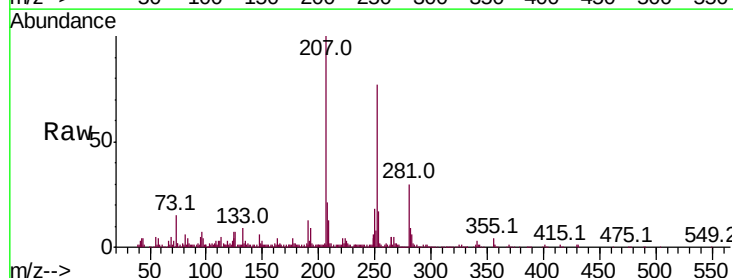
RT: 23.04 min Scan# 3427

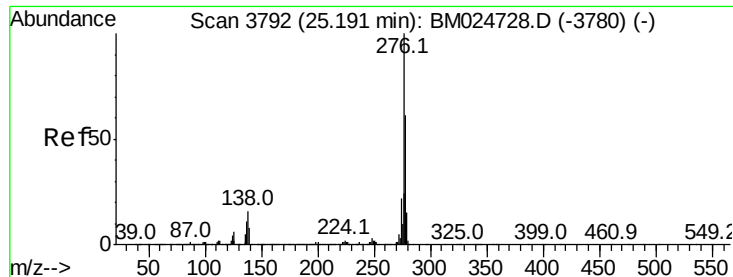
Delta R.T. 0.00 min

Lab File: BM024737.D

Acq: 06 Feb 2020 20:50

Tgt Ion:252	Resp:	198423
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.5 26.3
125	8.6	5.6 8.4#



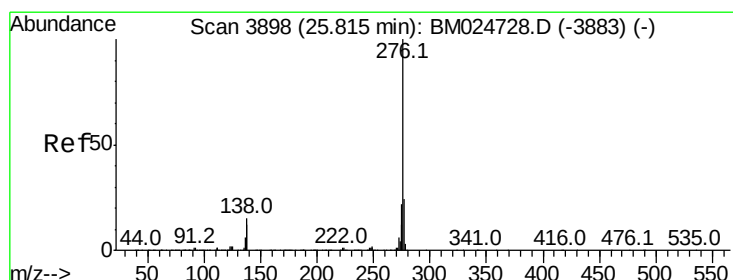
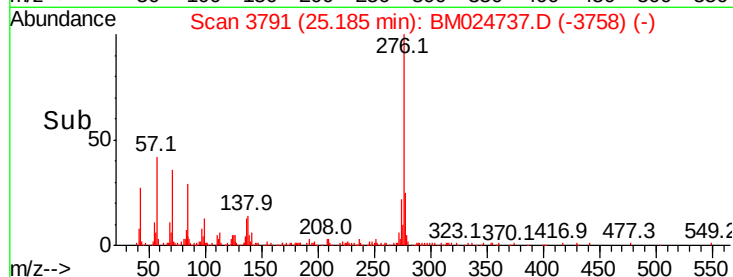
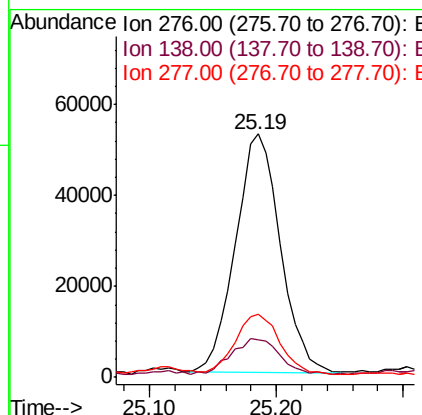
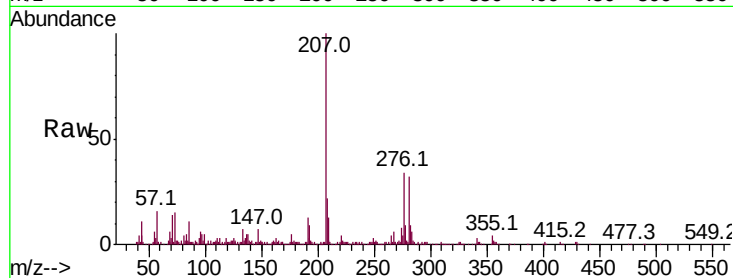


#92

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

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.8	19.2
277	25.7	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.251 ng/ul
RT: 25.80 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM024737.D
Acq: 06 Feb 2020 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	11.8	17.6
277	23.9	19.0	28.6

