

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
 Data File : BM024023.D
 Acq On : 06 Dec 2019 19:17
 Operator : JU
 Sample : K6007-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL9

Quant Time: Dec 09 03:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 13:09:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	348274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1392102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	807028	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1651002	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1634492	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1956371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	28409	3.63	ng/uL	0.00
5) Phenol-d5	6.67	99	429339	14.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	290703	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	361814	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	306575	12.73	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	168695	15.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	179790	14.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	327047	14.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	337739	13.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1040613	16.59	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1225262	16.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	86967	8.25	ng/ul	0.01
58) Fluorene-d10	15.14	176	910661	17.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	117735	11.36	ng/ul	0.00
71) Anthracene-d10	16.99	188	1366226	17.33	ng/ul	0.00
79) Pyrene-d10	19.30	212	1627468	19.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1982841	19.17	ng/ul	0.00

Target Compounds

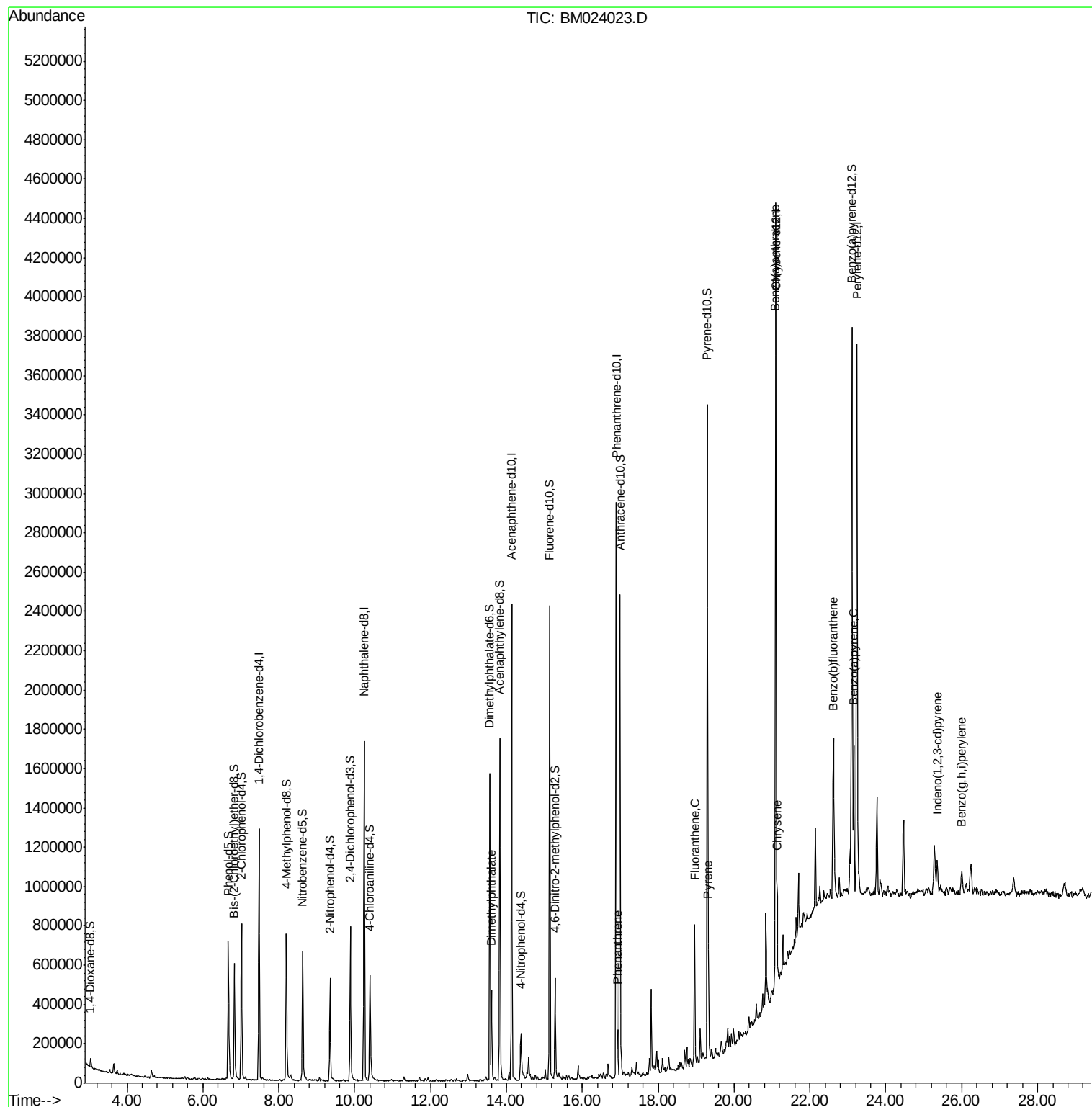
					Ovalue
45) Dimethylphthalate	13.61	163	302817	4.933	ng/ul 99
70) Phenanthrene	16.93	178	134901	1.446	ng/ul 100
77) Fluoranthene	18.96	202	401499	4.014	ng/ul 98
80) Pyrene	19.33	202	324177	2.944	ng/ul 97
83) Benzo(a)anthracene	21.09	228	253470	2.320	ng/ul 94
85) Chrysene	21.13	228	246835	2.406	ng/ul 98
88) Benzo(b)fluoranthene	22.61	252	337108	2.786	ng/ul 97
91) Benzo(a)pyrene	23.14	252	197759	1.729	ng/ul# 92
92) Indeno(1,2,3-cd)pyrene	25.36	276	146003	1.028	ng/ul 97
94) Benzo(g,h,i)perylene	26.01	276	132269	1.112	ng/ul 100

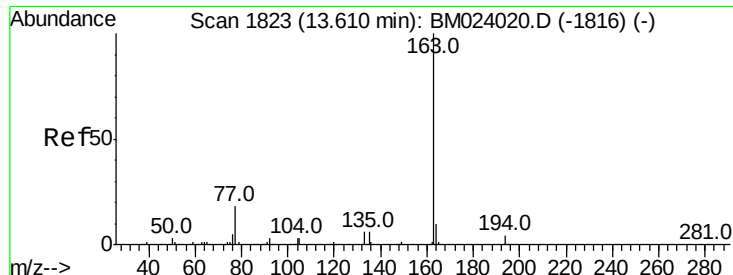
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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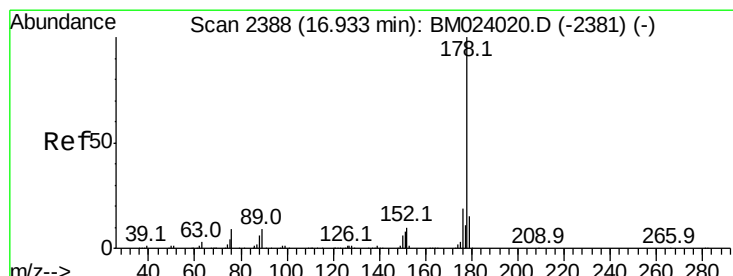
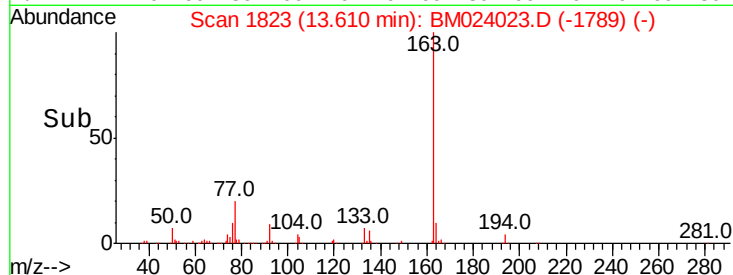
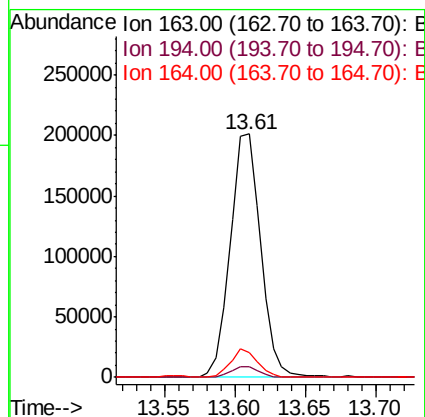
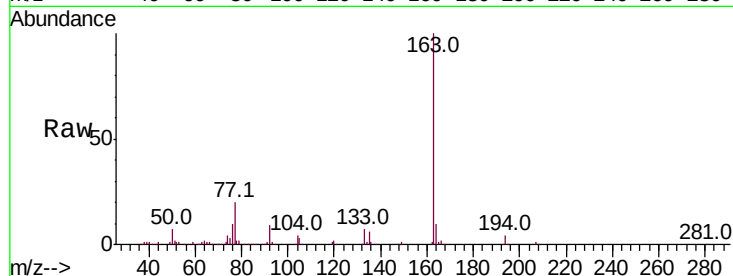




#45
Dimethylphthalate
Concen: 4.933 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM024023.D
Acq: 06 Dec 2019 19:17

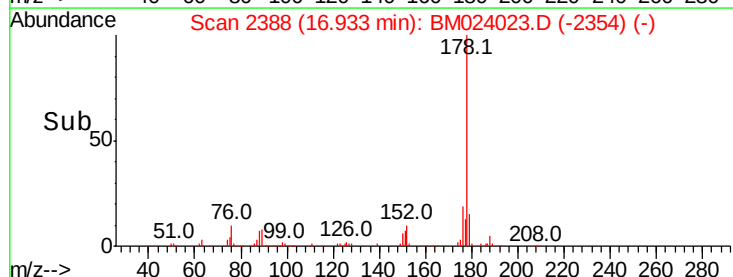
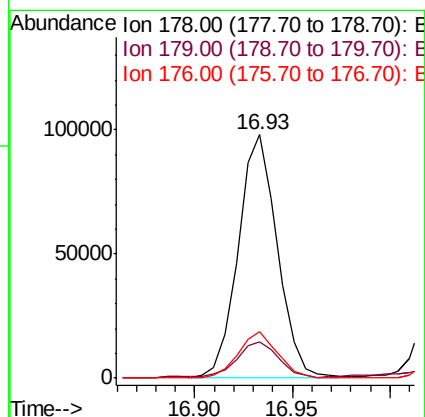
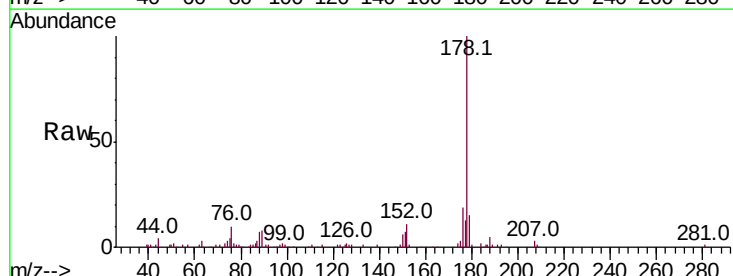
Instrument :
BNA_M
ClientSampleId :
C0BL9

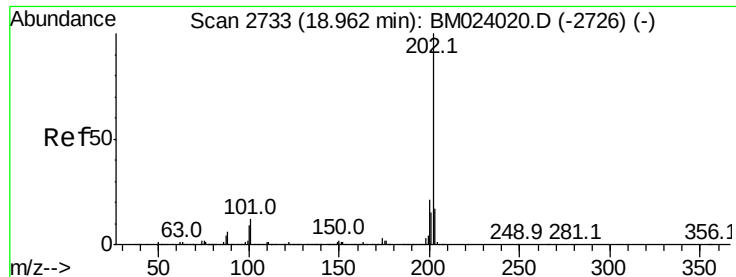
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.1	7.9	11.9



#70
Phenanthrene
Concen: 1.446 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM024023.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.0	18.0
176	19.1	15.1	22.7





#77

Fluoranthene

Concen: 4.014 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM024023.D

Acq: 06 Dec 2019 19:17

Instrument :

BNA_M

ClientSampleId :

C0BL9

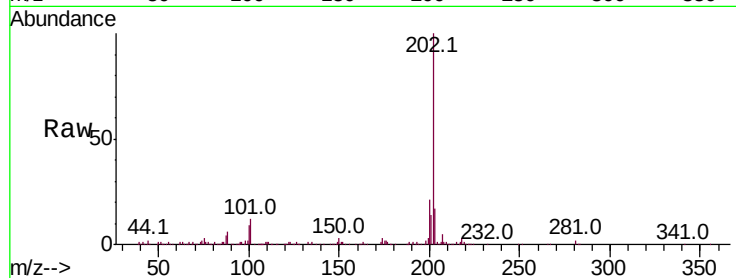
Tot Ion:202 Resp: 401499

Ion Ratio Lower Upper

202 100

101 11.8 10.1 15.1

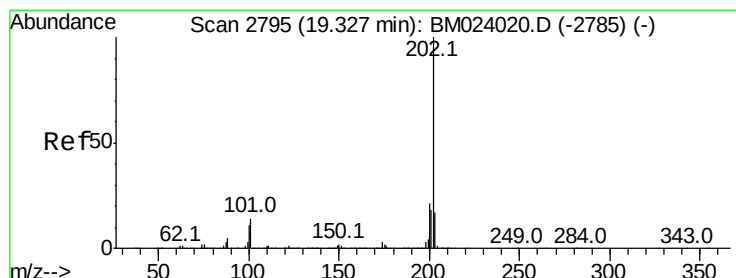
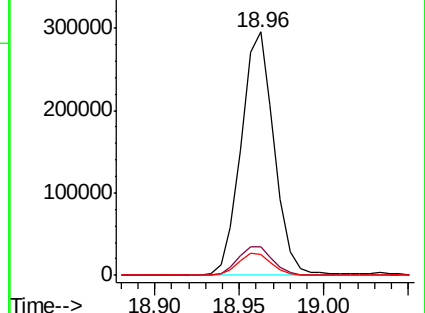
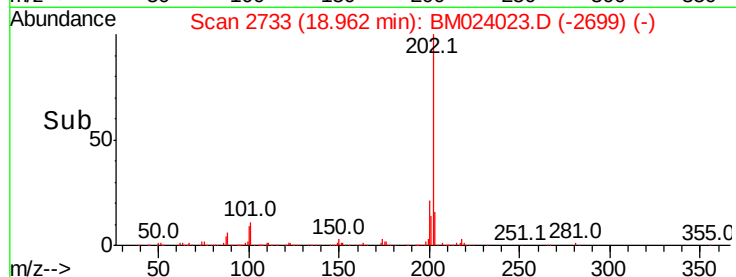
100 8.8 7.8 11.6



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): B



#80

Pyrene

Concen: 2.944 ng/ul

RT: 19.33 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM024023.D

Acq: 06 Dec 2019 19:17

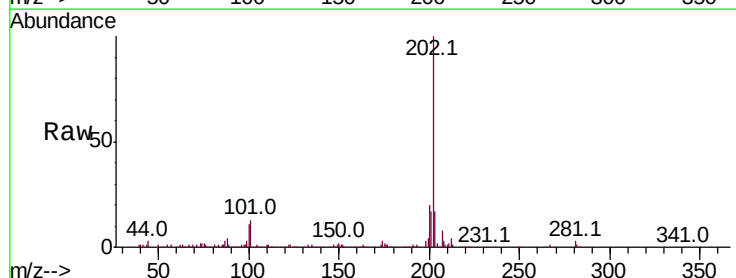
Tgt Ion:202 Resp: 324177

Ion Ratio Lower Upper

202 100

101 13.2 11.8 17.6

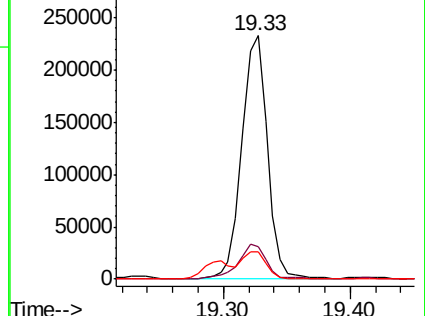
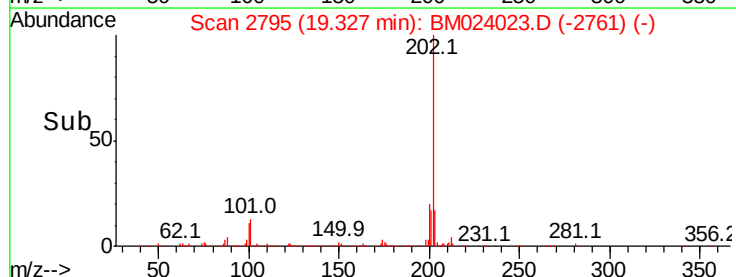
100 11.0 9.8 14.6

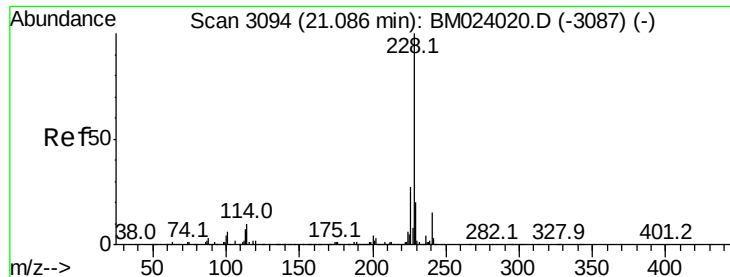


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.320 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM024023.D

Acq: 06 Dec 2019 19:17

Instrument :

BNA_M

ClientSampled :

C0BL9

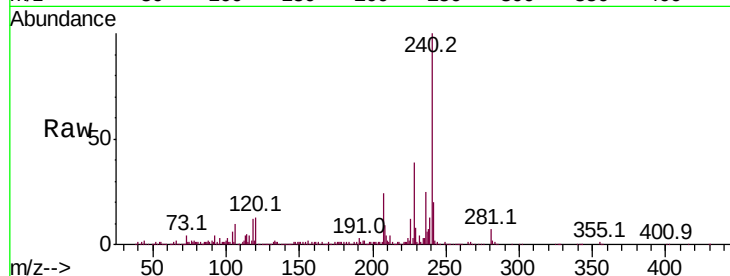
Tot Ion:228 Resp: 253470

Ion Ratio Lower Upper

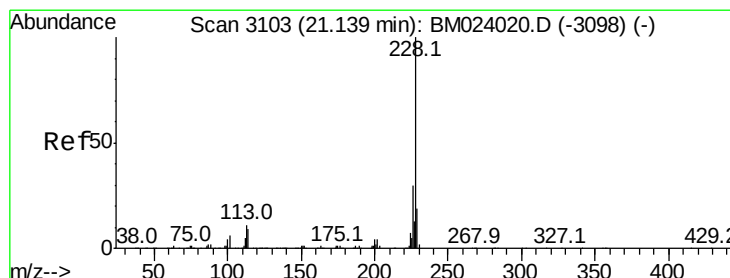
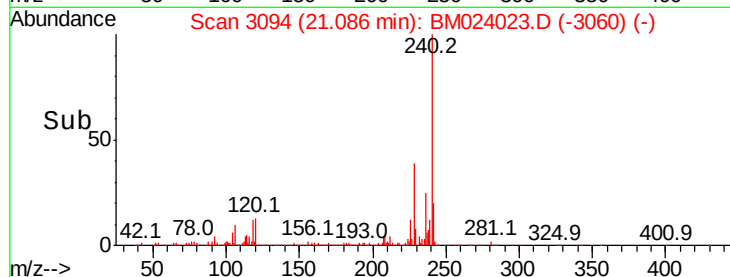
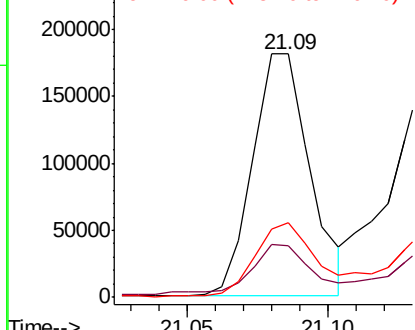
228 100

229 21.1 15.6 23.4

226 30.9 21.4 32.0



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: 2.406 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM024023.D

Acq: 06 Dec 2019 19:17

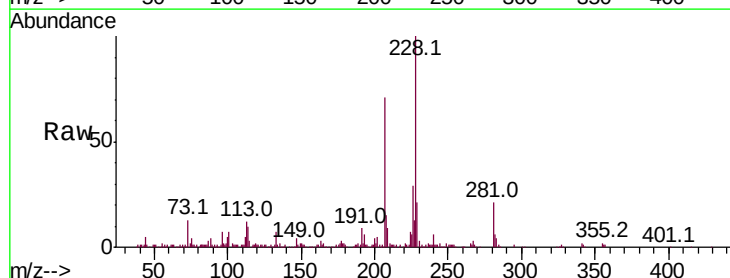
Tgt Ion:228 Resp: 246835

Ion Ratio Lower Upper

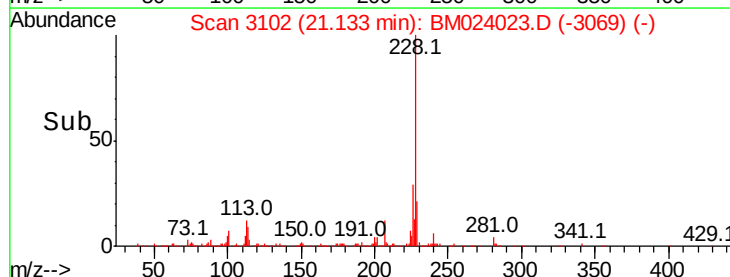
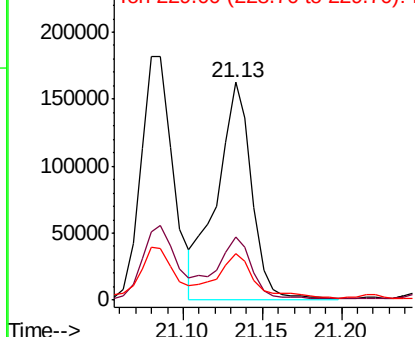
228 100

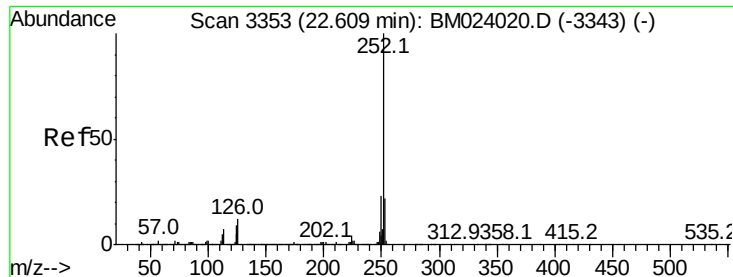
226 28.9 23.4 35.2

229 21.4 15.3 22.9



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: 2.786 ng/ul

RT: 22.61 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BM024023.D

Acq: 06 Dec 2019 19:17

Instrument :

BNA_M

ClientSampleId :

C0BL9

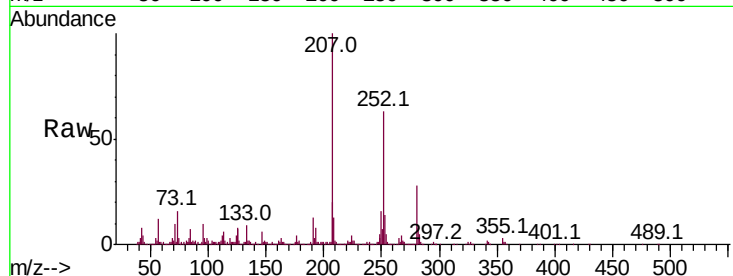
Tot Ion:252 Resp: 337108

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

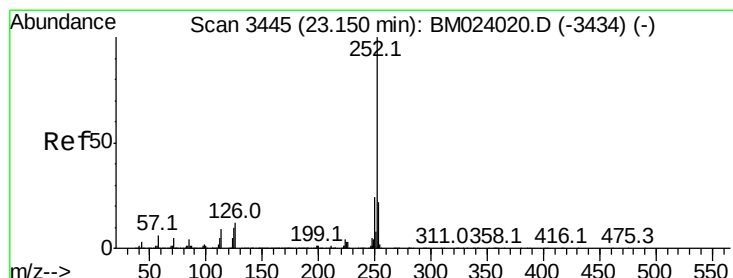
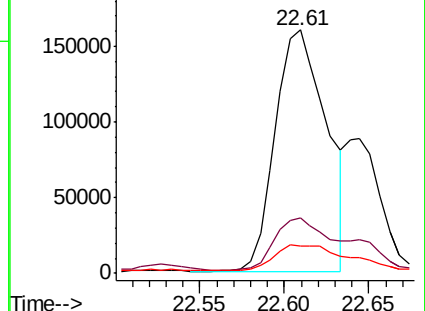
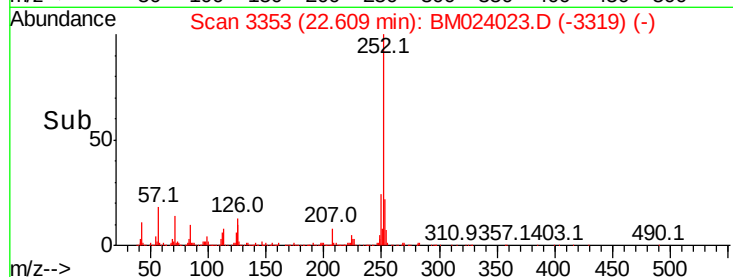
125 11.0 7.4 11.2



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: 1.729 ng/ul

RT: 23.14 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM024023.D

Acq: 06 Dec 2019 19:17

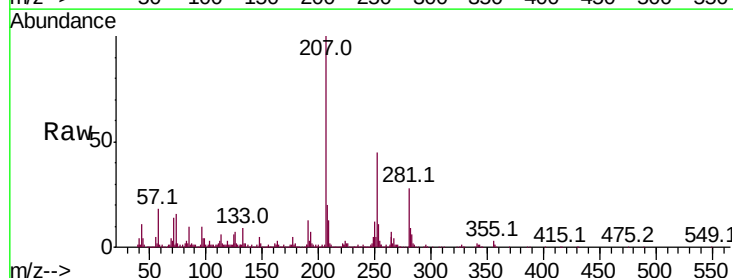
Tgt Ion:252 Resp: 197759

Ion Ratio Lower Upper

252 100

253 25.1 17.2 25.8

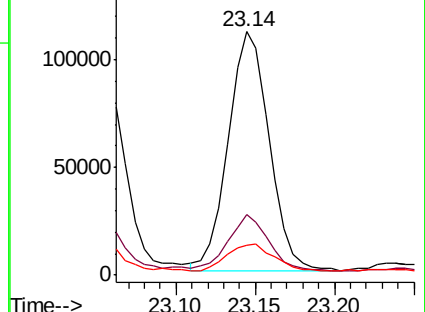
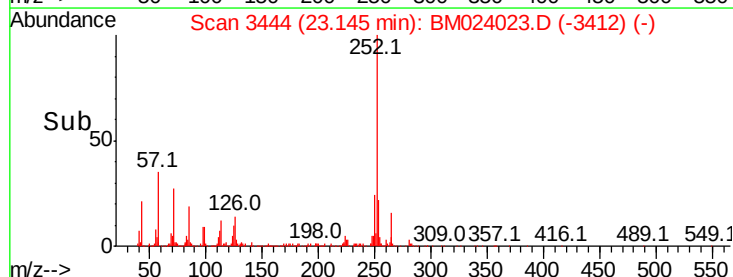
125 12.4 7.8 11.6#

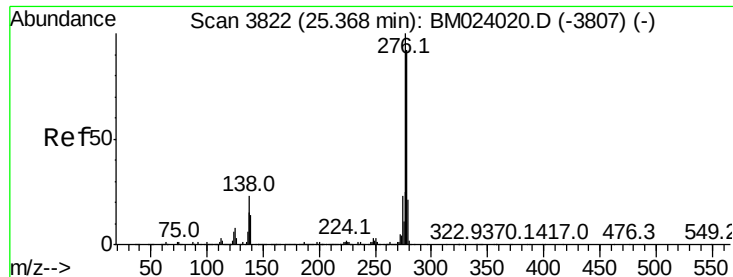


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



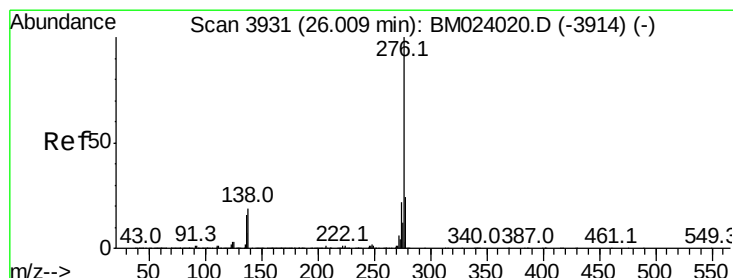
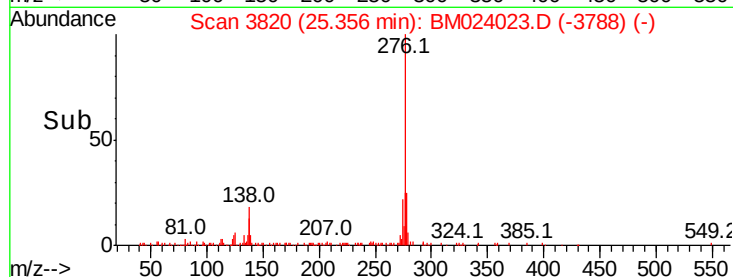
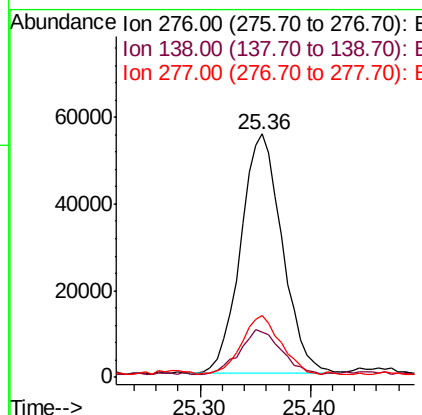
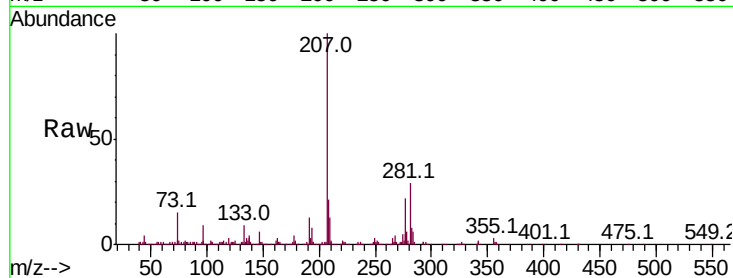


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.028 ng/ul
RT: 25.36 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BM024023.D
Acq: 06 Dec 2019 19:17

Instrument :
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ClientSampleId :
C0BL9

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.0	25.6
277	25.2	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 1.112 ng/ul
RT: 26.01 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BM024023.D
Acq: 06 Dec 2019 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	14.9	22.3
277	24.1	19.1	28.7

