

Data File : BM023264.D
Acq On : 18 Oct 2019 19:00
Operator : JU
Sample : K5223-06RX
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPE0

Quant Time: Oct 19 01:34:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	358898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1395505	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	846965	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1724189	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1822460	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2165606	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	29533	3.62	ng/uL	0.00
5) Phenol-d5	6.83	99	539541	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	327900	18.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	466643	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	421338	16.78	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	215234	22.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	231285	25.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	455350	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	48715	1.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1371744	21.13	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1593592	20.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	166909	15.88	ng/ul	0.00
58) Fluorene-d10	15.30	176	1176442	21.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	133685	19.56	ng/ul	0.00
71) Anthracene-d10	17.14	188	1913760	23.02	ng/ul	0.00
79) Pyrene-d10	19.44	212	2253666	25.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2740688	24.97	ng/ul	0.00

Target Compounds

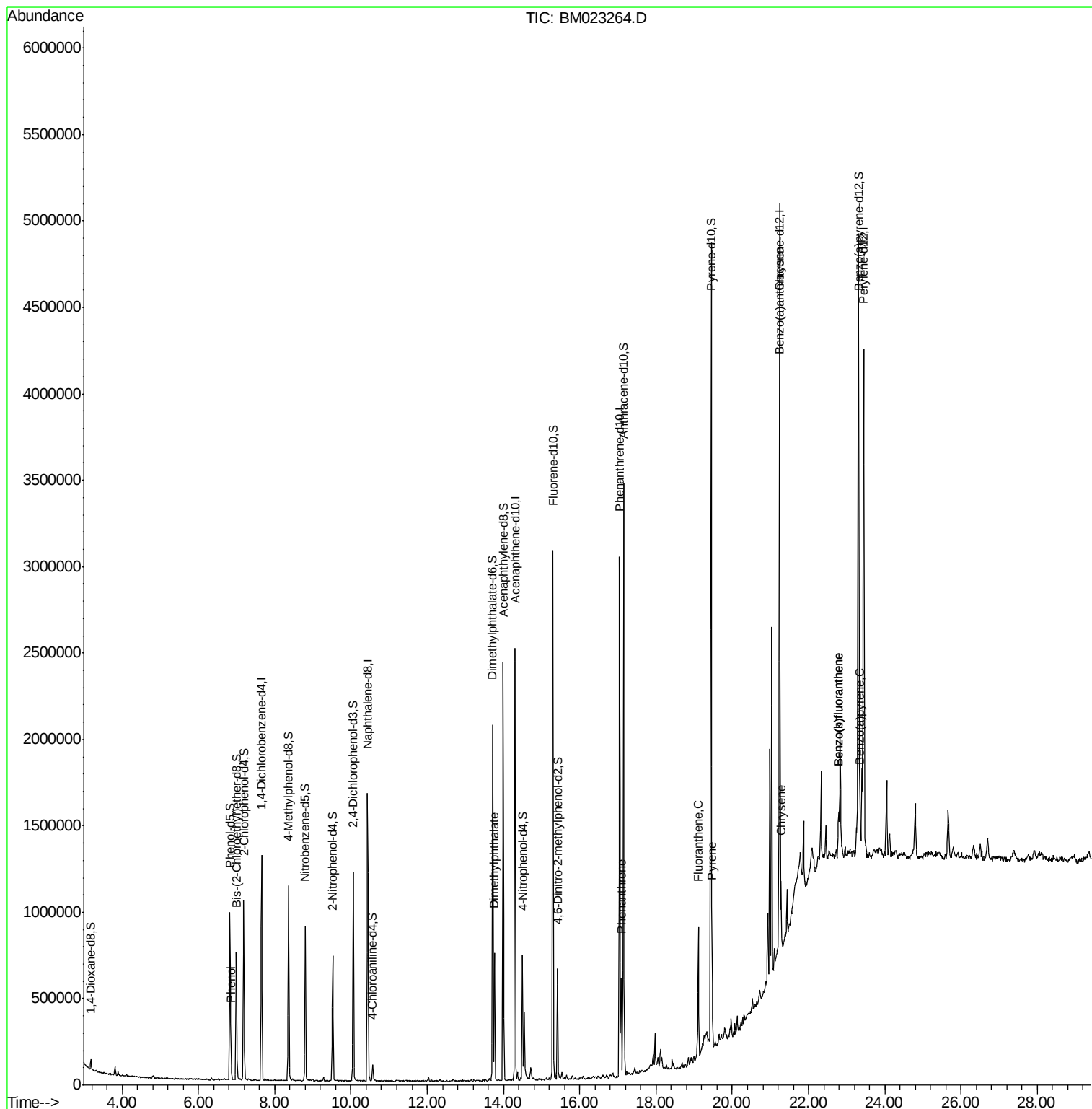
					Qvalue	
6) Phenol	6.86	94	50744	1.574	ng/ul	95
45) Dimethylphthalate	13.76	163	466226	7.177	ng/ul	99
70) Phenanthrene	17.09	178	334805	3.460	ng/ul	99
77) Fluoranthene	19.11	202	440080	3.824	ng/ul	99
80) Pyrene	19.47	202	396541	3.473	ng/ul	99
83) Benzo(a)anthracene	21.23	228	224178	1.815	ng/ul	93
85) Chrysene	21.27	228	201596	1.758	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	249941	1.904	ng/ul#	94
89) Benzo(k)fluoranthene	22.79	252	249941	1.982	ng/ul#	94
91) Benzo(a)pyrene	23.35	252	186276	1.479	ng/ul#	93

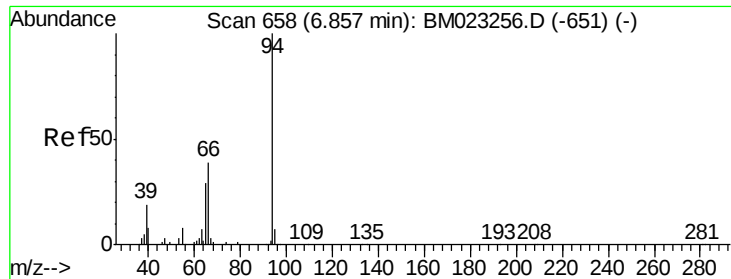
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.574 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

Instrument :

BNA_M

ClientSampleId :

BEPE0

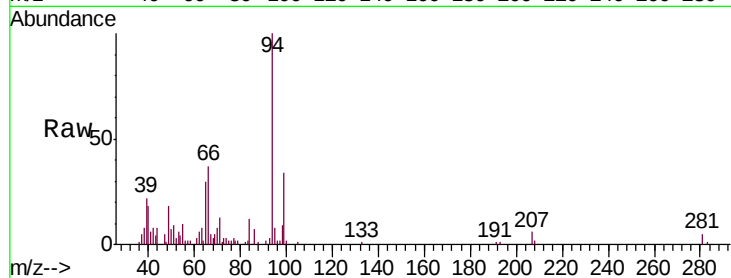
Tgt Ion: 94 Resp: 50744

Ion Ratio Lower Upper

94 100

65 30.4 23.7 35.5

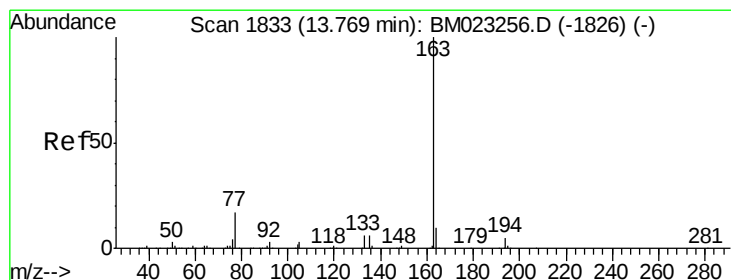
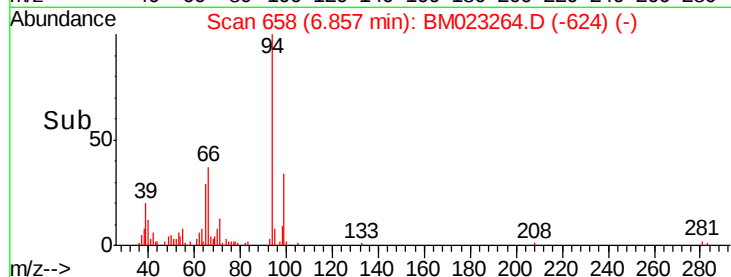
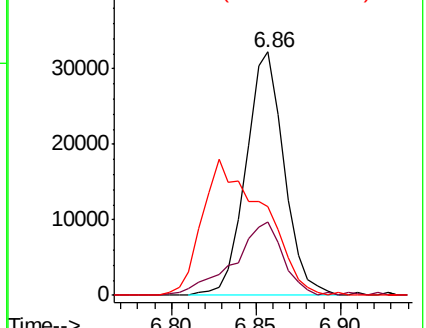
66 36.7 32.9 49.3



Abundance Ion 94.00 (93.70 to 94.70): BM023256.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023256.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023256.D (-651) (-)



#45

Dimethylphthalate

Concen: 7.177 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

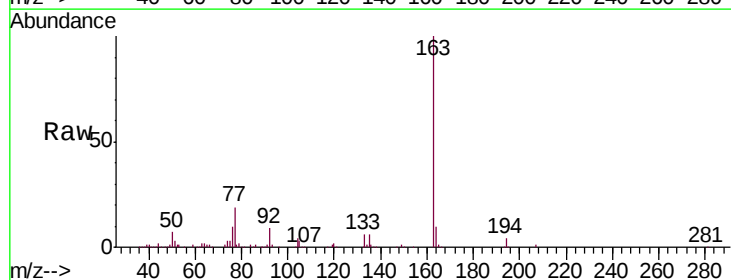
Tgt Ion: 163 Resp: 466226

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

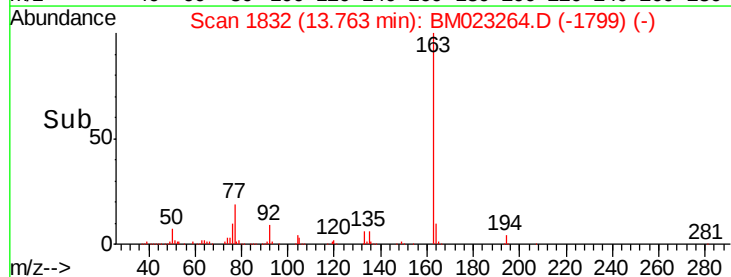
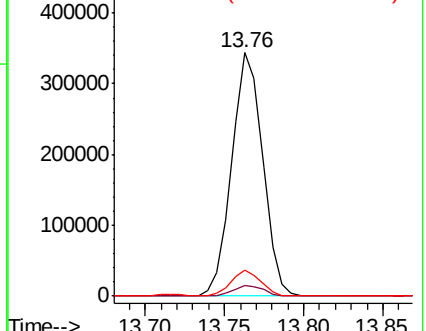
164 10.5 8.0 12.0

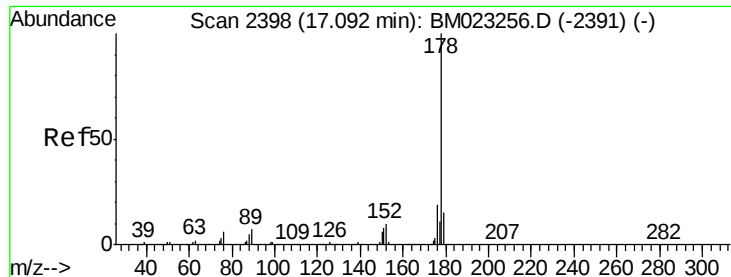


Abundance Ion 163.00 (162.70 to 163.70): BM023256.D (-1826) (-)

Ion 194.00 (193.70 to 194.70): BM023256.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BM023256.D (-1826) (-)





#70

Phenanthrene

Concen: 3.460 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

Instrument :

BNA_M

ClientSampleId :

BEPE0

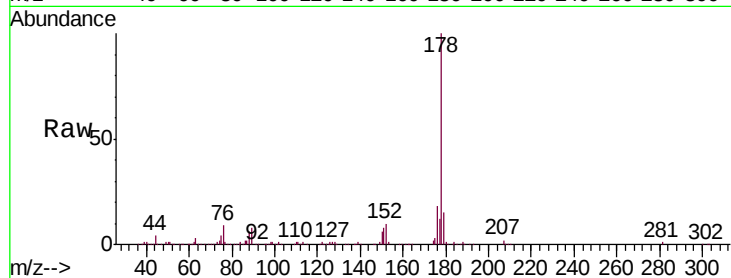
Tgt Ion:178 Resp: 334805

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

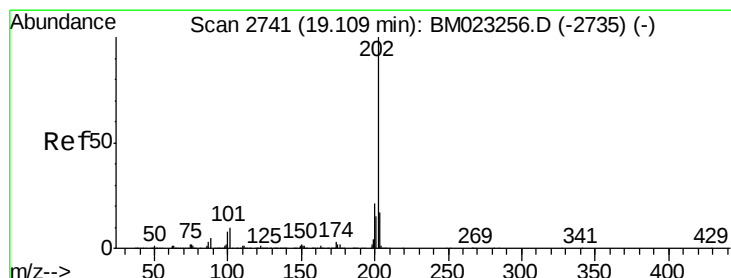
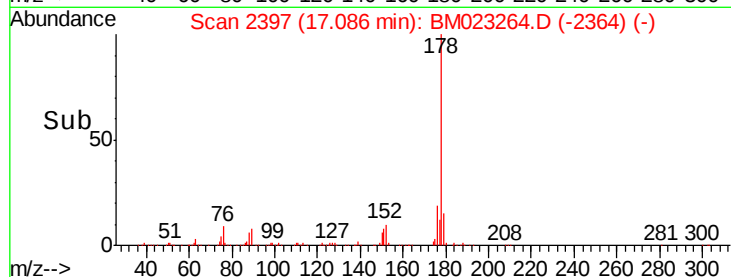
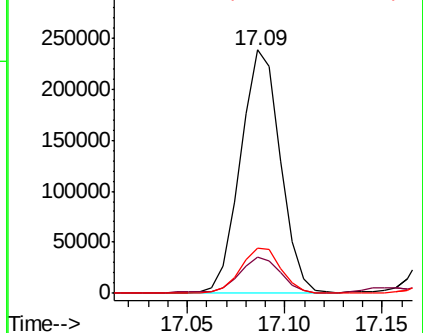
176 18.5 15.5 23.3



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: 3.824 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

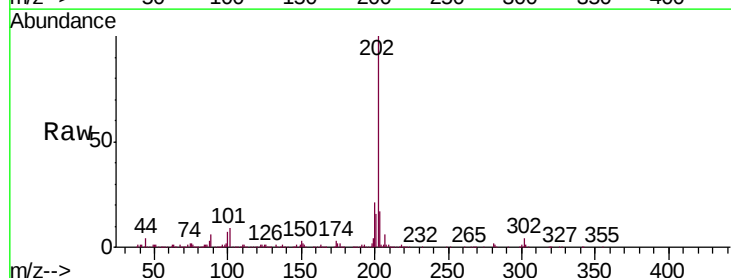
Tgt Ion:202 Resp: 440080

Ion Ratio Lower Upper

202 100

101 9.2 7.8 11.8

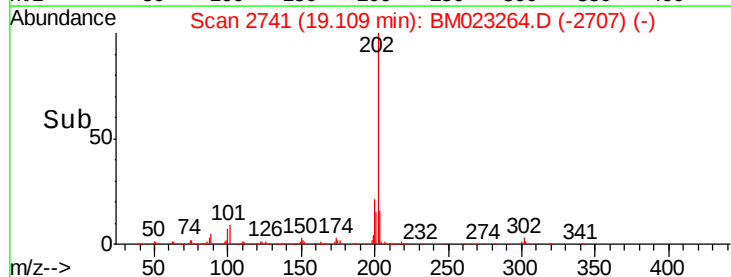
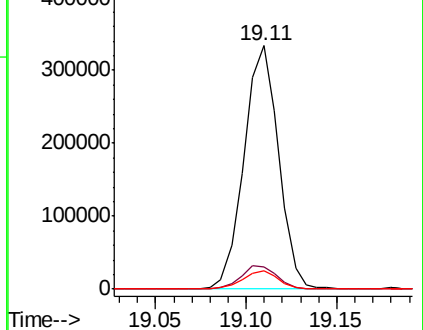
100 7.5 6.1 9.1

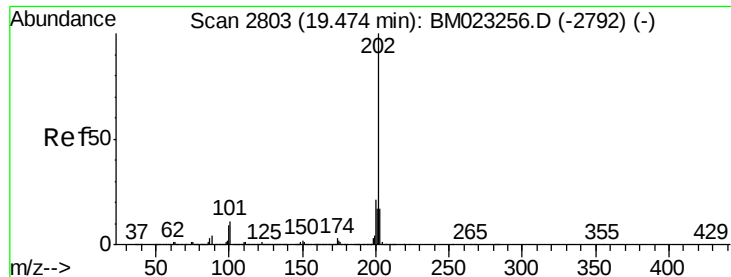


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

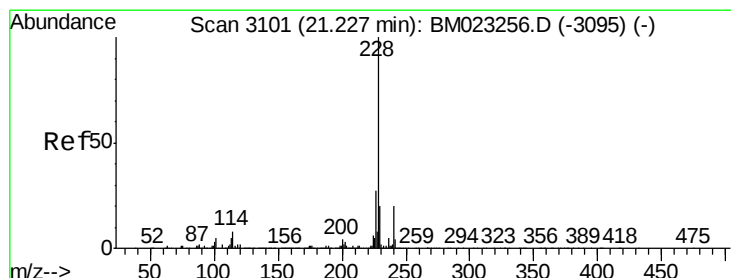
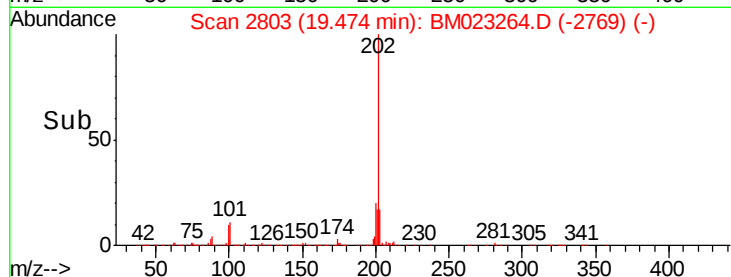
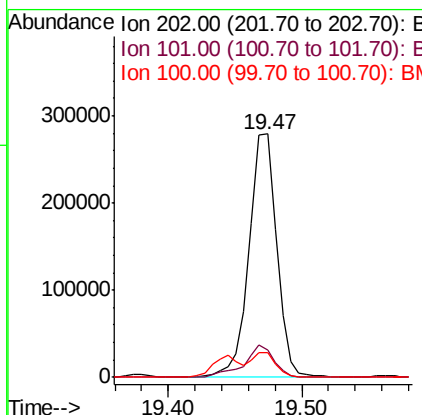
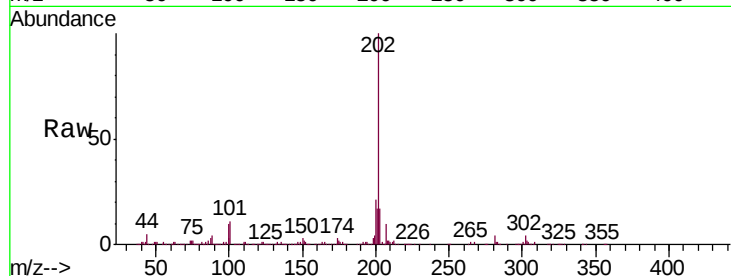




#80
 Pyrene
 Concen: 3.473 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. 0.00 min
 Lab File: BM023264.D
 Acq: 18 Oct 2019 19:00

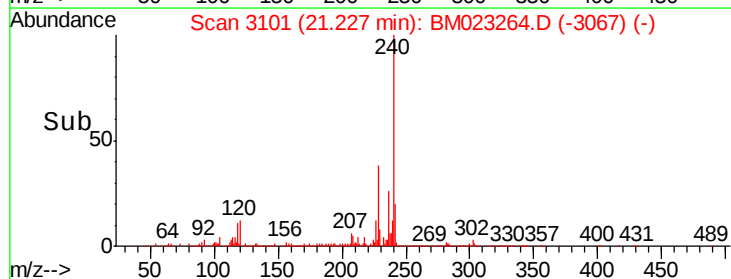
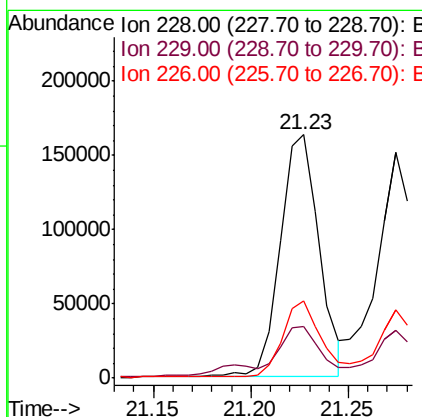
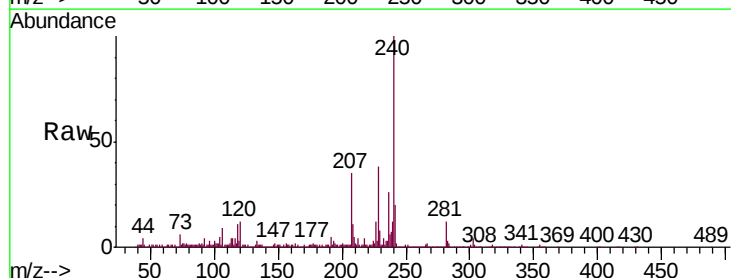
Instrument :
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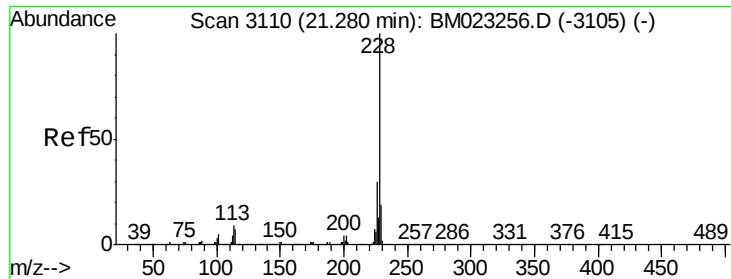
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	10.0	7.5	11.3



#83
 Benzo(a)anthracene
 Concen: 1.815 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM023264.D
 Acq: 18 Oct 2019 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	31.6	21.6	32.4





#85

Chrysene

Concen: 1.758 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

Instrument :

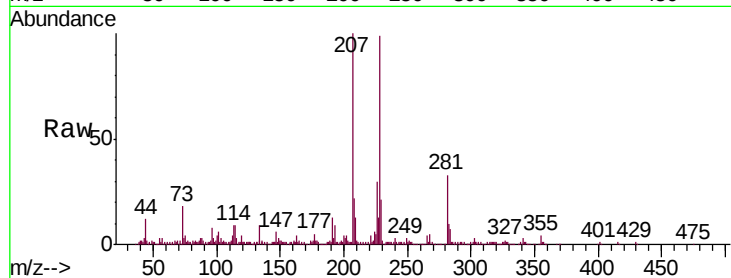
BNA_M

ClientSampleId :

BEPE0

Tgt Ion: 228 Resp: 201596

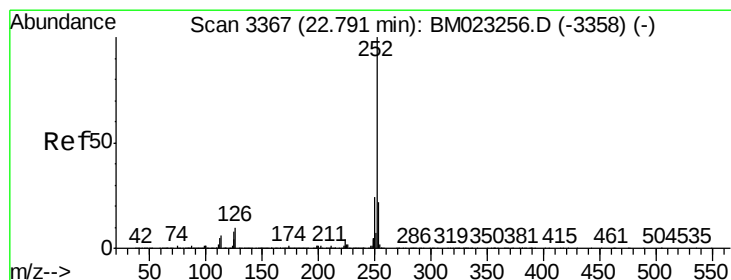
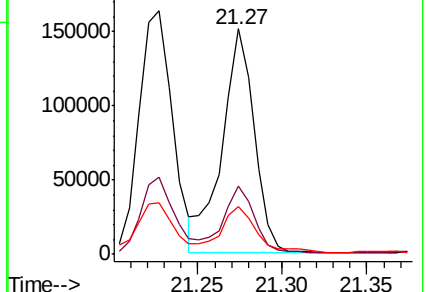
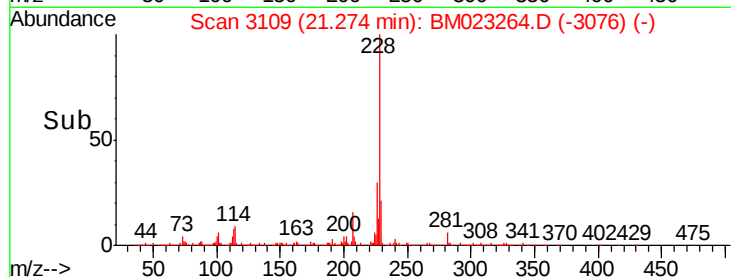
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	21.2	15.5	23.3



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: 1.904 ng/ul

RT: 22.79 min Scan# 3367

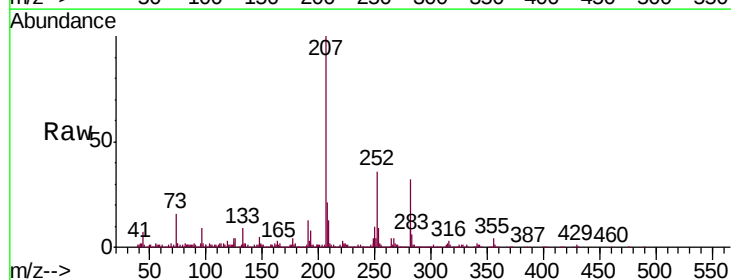
Delta R.T. 0.00 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

Tgt Ion: 252 Resp: 249941

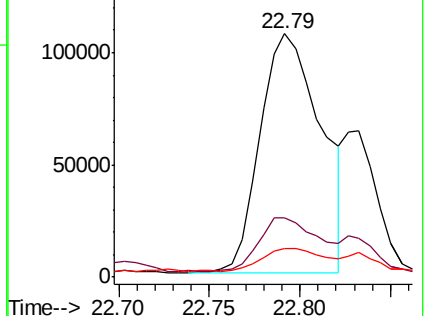
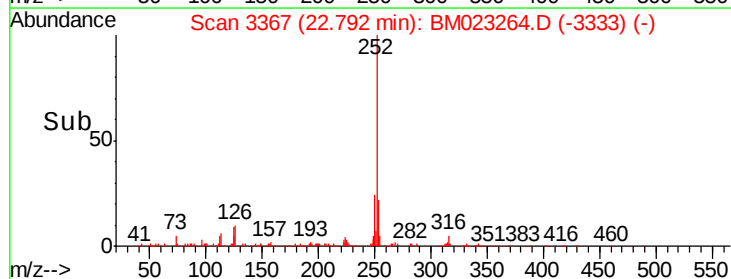
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	11.6	6.4	9.6

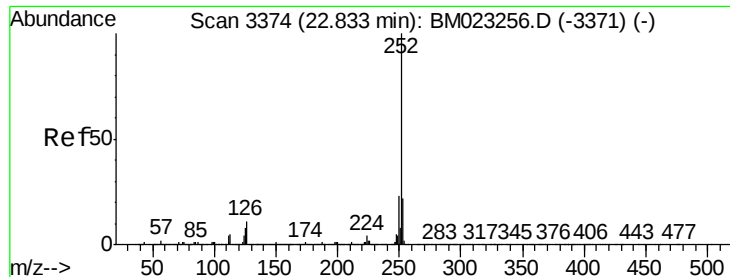


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.982 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.04 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

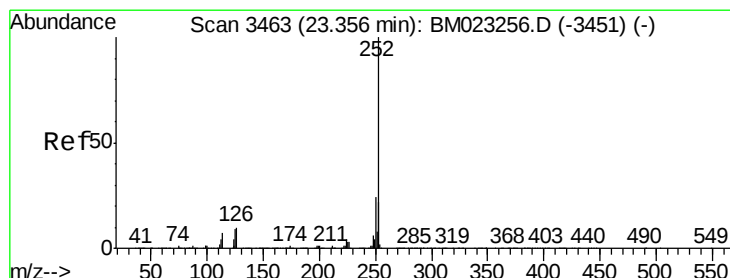
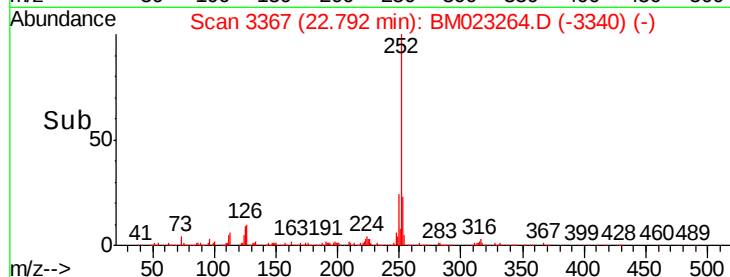
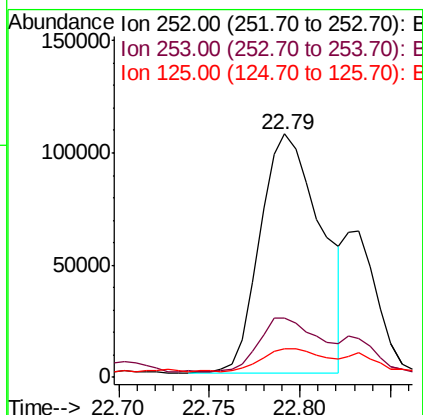
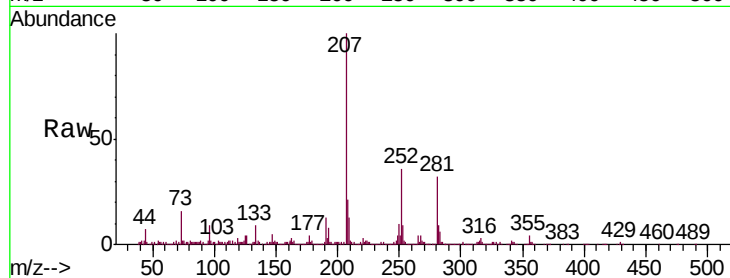
Instrument :

BNA_M

ClientSampled :

BEPE0

Tgt Ion:	252	Resp:	249941
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	11.6	6.5	9.7#



#91

Benzo(a)pyrene

Concen: 1.479 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM023264.D

Acq: 18 Oct 2019 19:00

Tgt Ion:	252	Resp:	186276
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	11.7	7.4	11.0#

