

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023353.D
 Acq On : 23 Oct 2019 21:59
 Operator : JU
 Sample : K5378-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 02:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	645211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2930156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1896403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3660580	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2719258	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2683840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	43541	3.21	ng/uL	0.00
5) Phenol-d5	6.82	99	898925	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	619235	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	796495	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	590888	13.42	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	442268	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	496901	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	882473	18.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	520216	9.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2961452	20.56	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3372786	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	224152	8.98	ng/ul	0.00
58) Fluorene-d10	15.28	176	2497269	20.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	360988	15.84	ng/ul	0.00
71) Anthracene-d10	17.13	188	3775454	21.82	ng/ul	0.00
79) Pyrene-d10	19.43	212	3863818	25.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3195576	23.37	ng/ul	0.00

Target Compounds

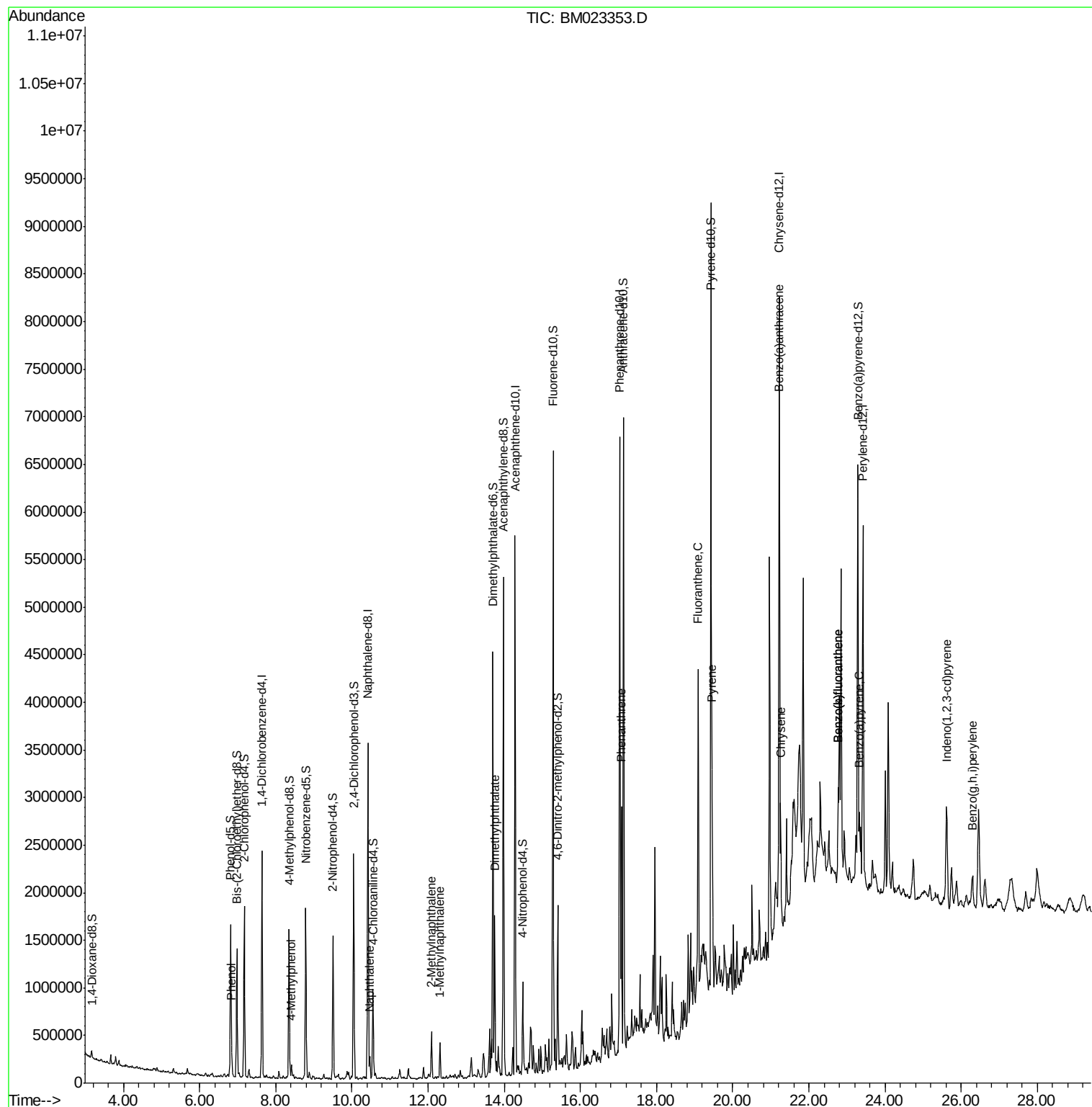
					Ovalue
6) Phenol	6.85	94	119619	2.144	ng/ul 94
16) 4-Methylphenol	8.41	108	51456	1.100	ng/ul 97
28) Naphthalene	10.47	128	183436	1.221	ng/ul 96
34) 2-Methylnaphthalene	12.09	142	238221	2.077	ng/ul 95
35) 1-Methylnaphthalene	12.31	142	175259	1.583	ng/ul 98
45) Dimethylphthalate	13.75	163	1083475	7.493	ng/ul 99
70) Phenanthrene	17.07	178	1543927	7.547	ng/ul 100
77) Fluoranthene	19.09	202	1896215	8.887	ng/ul 99
80) Pyrene	19.46	202	1542874	8.035	ng/ul 99
83) Benzo(a)anthracene	21.21	228	708697	3.897	ng/ul 94
85) Chrysene	21.26	228	820520	4.890	ng/ul 96
88) Benzo(b)fluoranthene	22.77	252	873801	5.069	ng/ul 97
89) Benzo(k)fluoranthene	22.77	252	873801	5.399	ng/ul 98
91) Benzo(a)pyrene	23.33	252	542177	3.474	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.62	276	384946	2.278	ng/ul 97
94) Benzo(g,h,i)perylene	26.29	276	340222	2.475	ng/ul 98

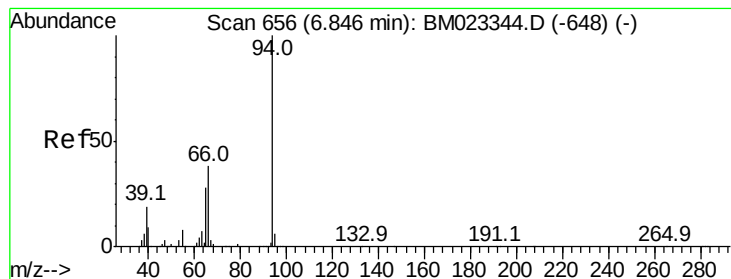
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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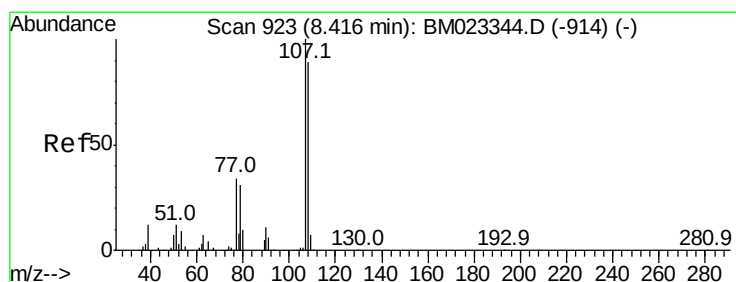
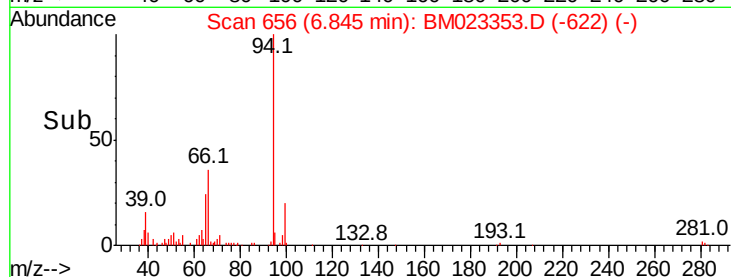
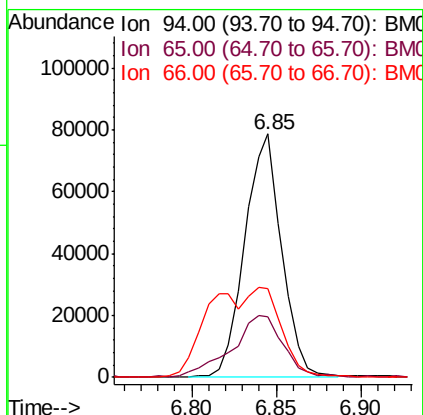
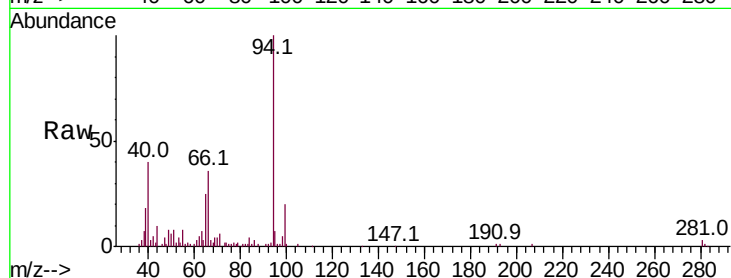
#6

Phenol

Concen: 2.144 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM023353.D
 Acq: 23 Oct 2019 21:59

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 119619
 Ion Ratio Lower Upper
 94 100
 65 24.7 22.9 34.3
 66 36.3 31.4 47.2

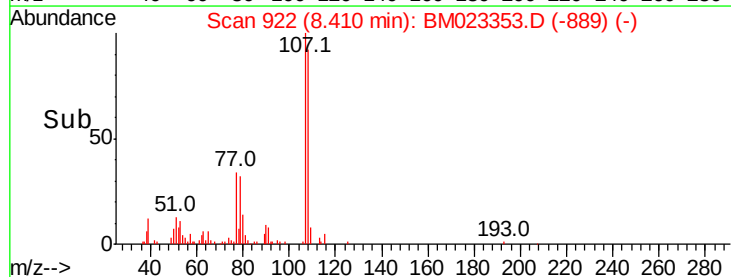
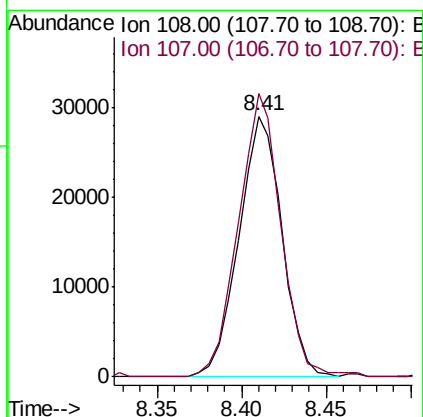
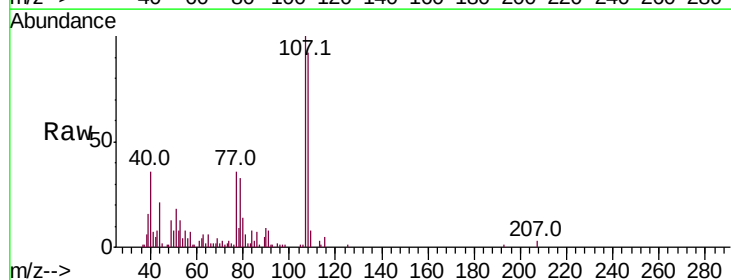


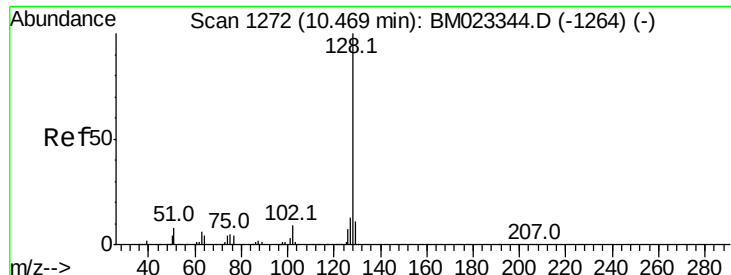
#16

4-Methylphenol

Concen: 1.100 ng/ul
 RT: 8.41 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BM023353.D
 Acq: 23 Oct 2019 21:59

Tgt Ion:108 Resp: 51456
 Ion Ratio Lower Upper
 108 100
 107 108.7 89.7 134.5





#28

Naphthalene

Concen: 1.221 ng/ul

RT: 10.47 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

ClientSampled :

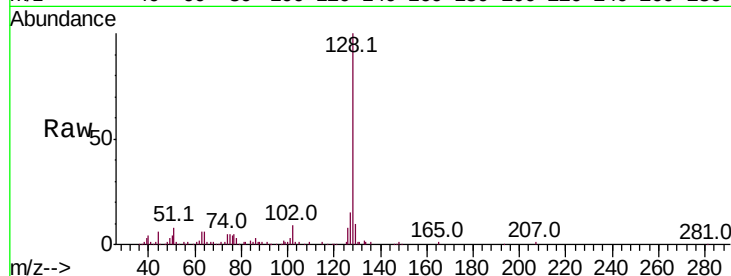
Tot Ion:128 Resp: 183436

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

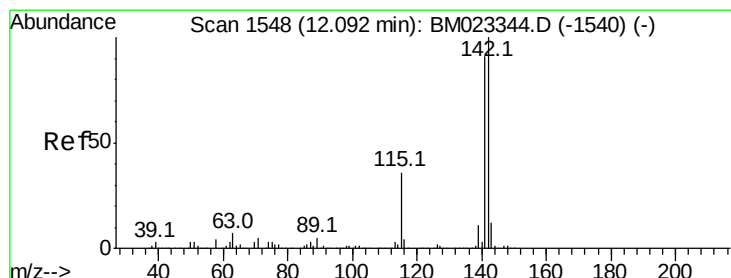
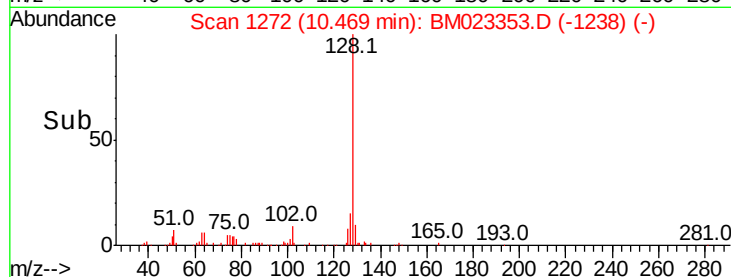
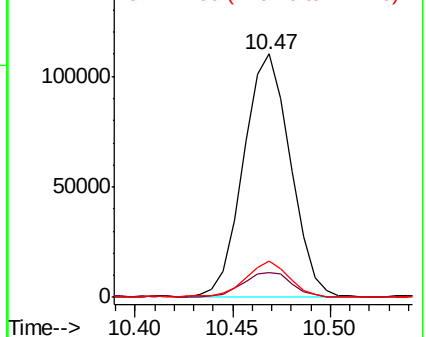
127 14.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.077 ng/ul

RT: 12.09 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BM023353.D

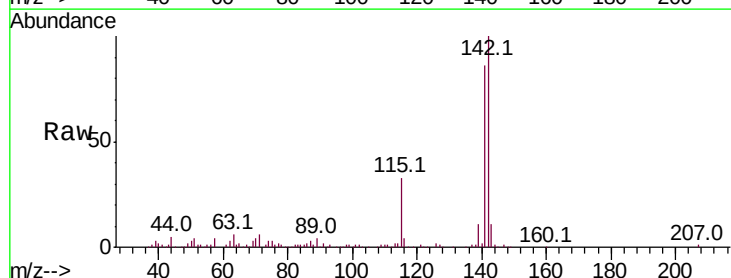
Acq: 23 Oct 2019 21:59

Tgt Ion:142 Resp: 238221

Ion Ratio Lower Upper

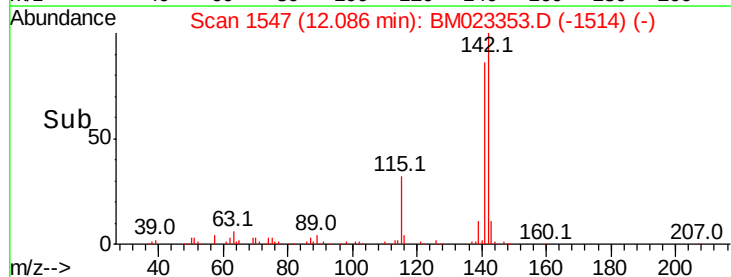
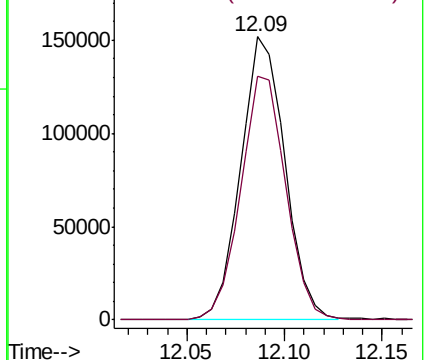
142 100

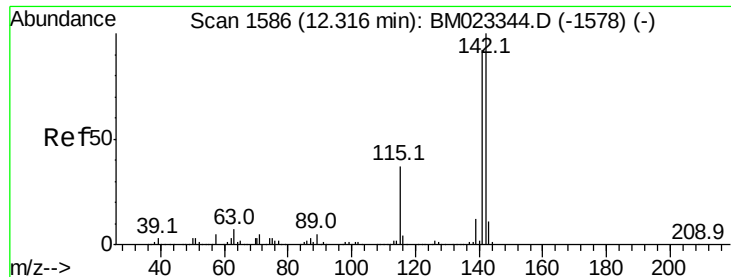
141 86.2 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 1.583 ng/ul

RT: 12.31 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

ClientSampled :

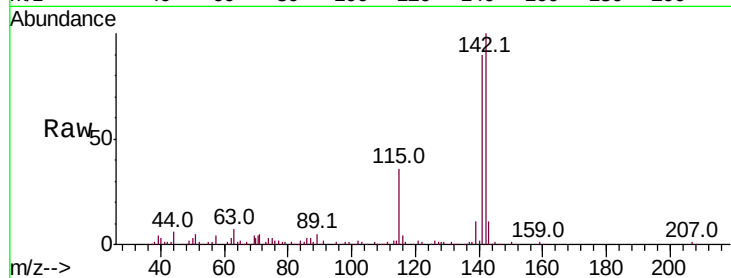
Tot Ion:142 Resp: 175259

Ion Ratio Lower Upper

142 100

141 90.5 73.6 110.4

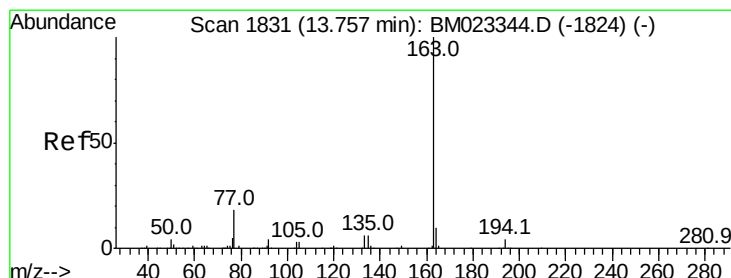
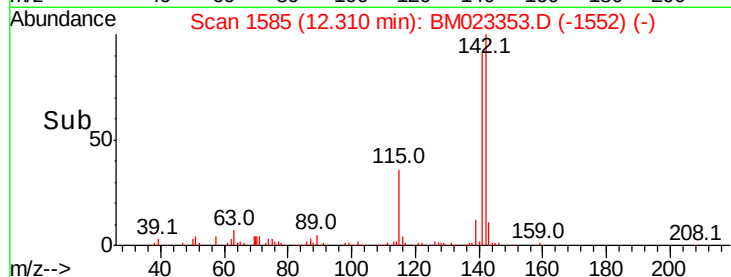
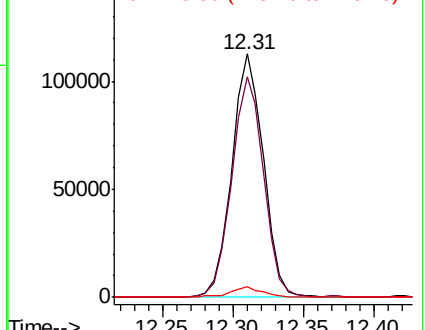
116 4.3 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45

Dimethylphthalate

Concen: 7.493 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

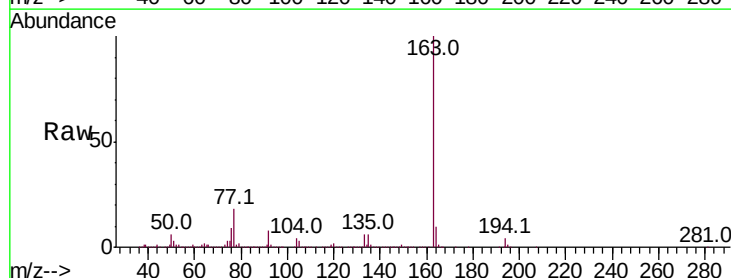
Tgt Ion:163 Resp: 1083475

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

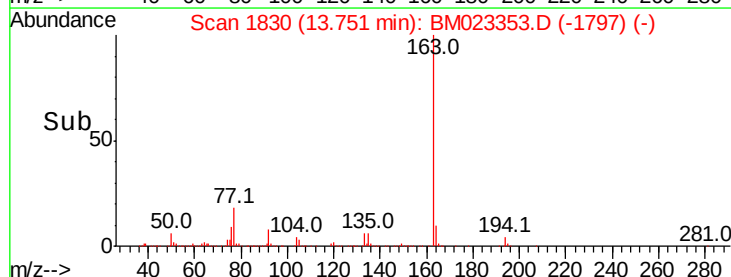
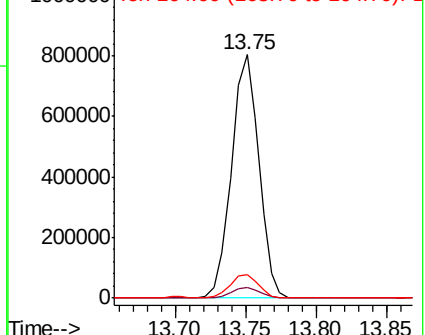
164 9.8 7.9 11.9

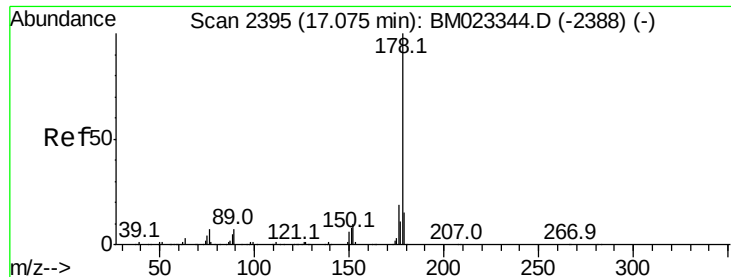


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 7.547 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

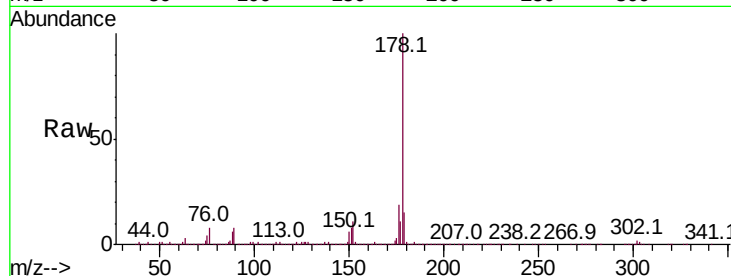
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1543927

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.8	14.9	22.3

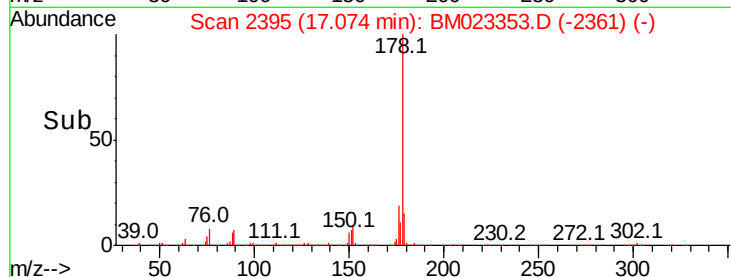


Abundance

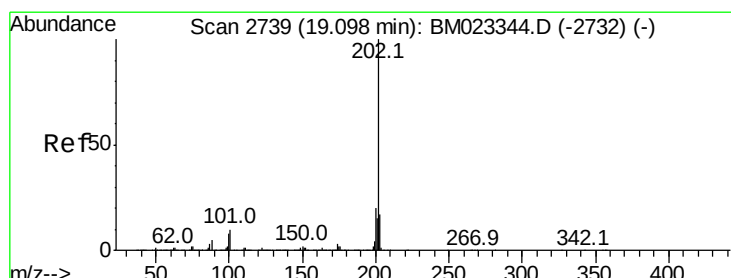
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 8.887 ng/ul

RT: 19.09 min Scan# 2738

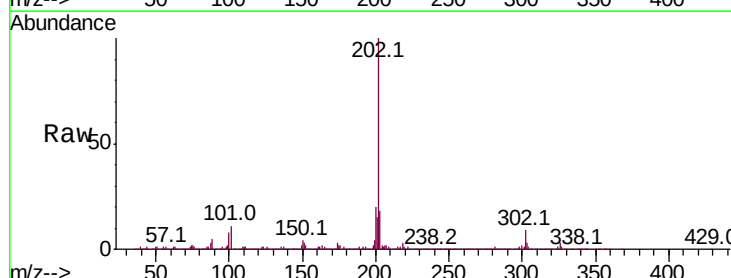
Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Tgt Ion:202 Resp: 1896215

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.1	12.1
100	8.0	6.2	9.2

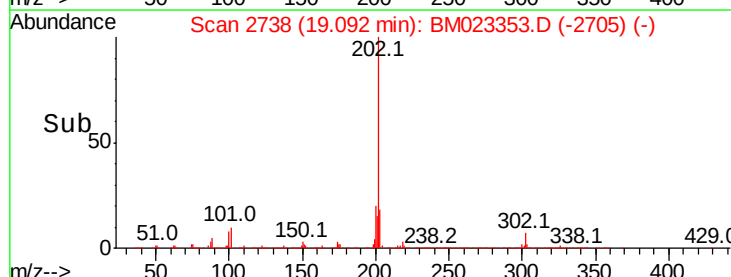


Abundance

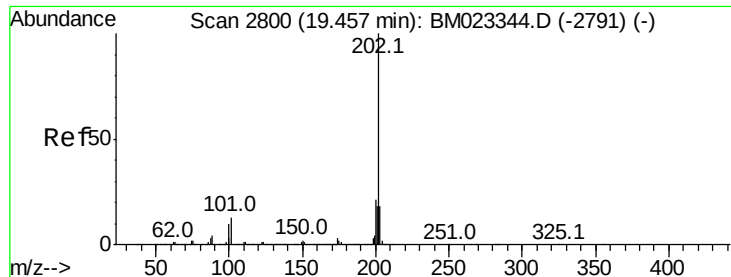
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#80

Pvrene

Concen: 8.035 ng/ul

RT: 19.46 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

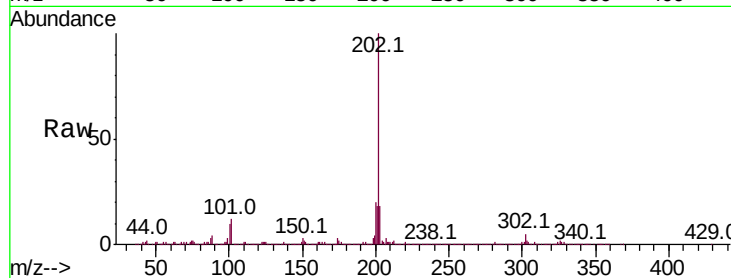
Tot Ion:202 Resp: 1542874

Ion Ratio Lower Upper

202 100

101 11.9 10.0 15.0

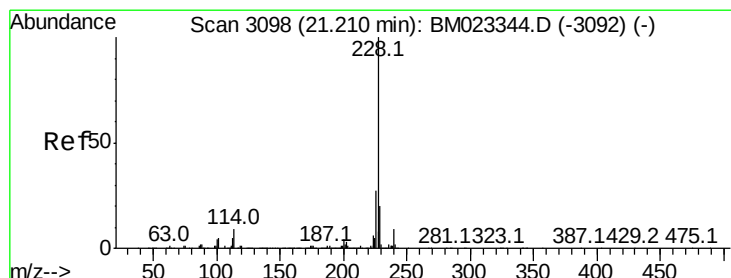
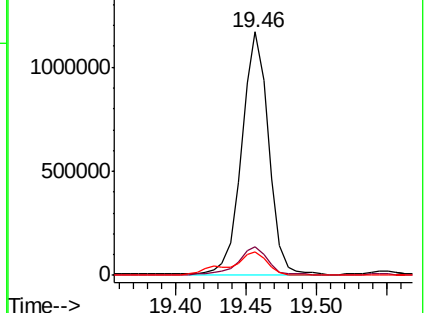
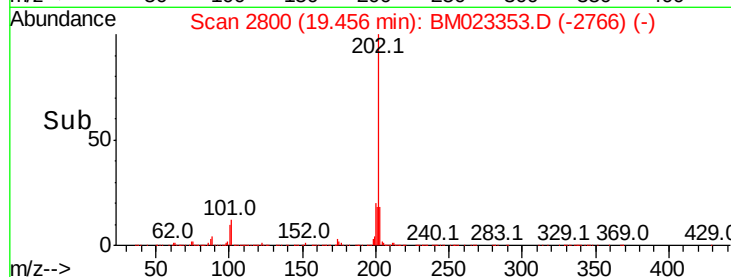
100 9.8 8.3 12.5



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: 3.897 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

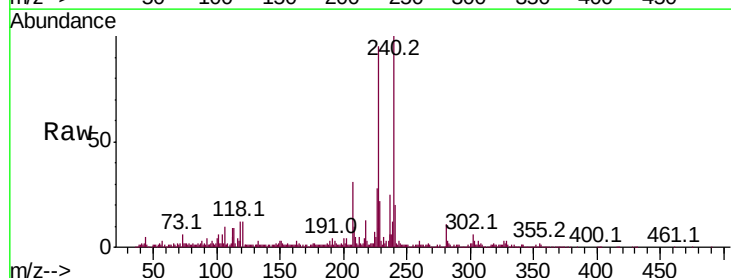
Tgt Ion:228 Resp: 708697

Ion Ratio Lower Upper

228 100

229 23.4 15.8 23.8

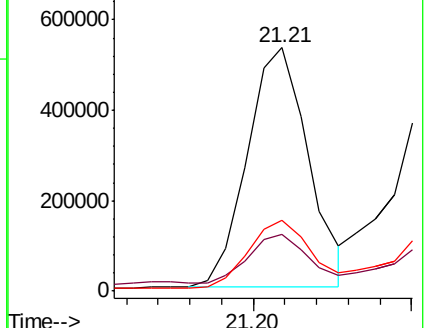
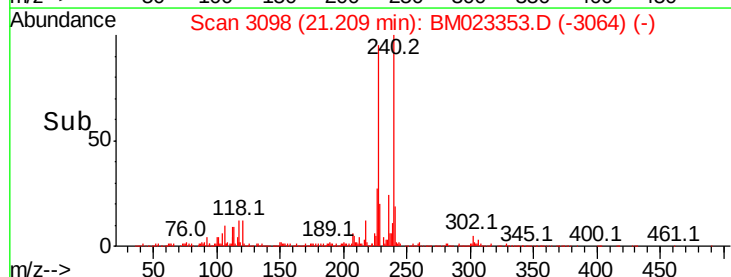
226 29.3 21.6 32.4

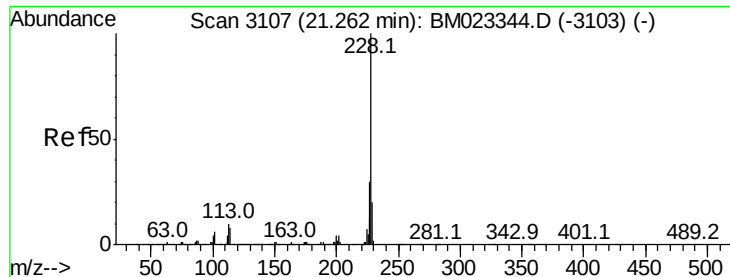


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

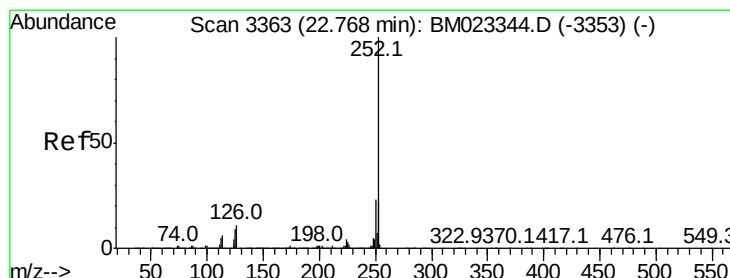
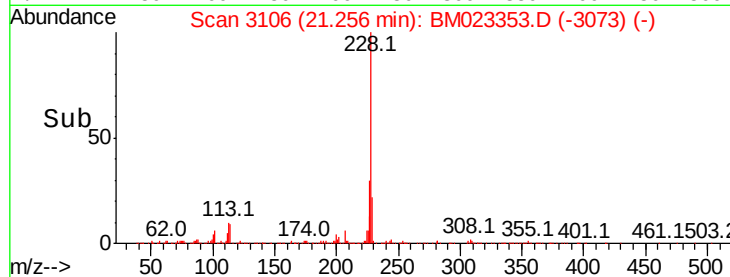
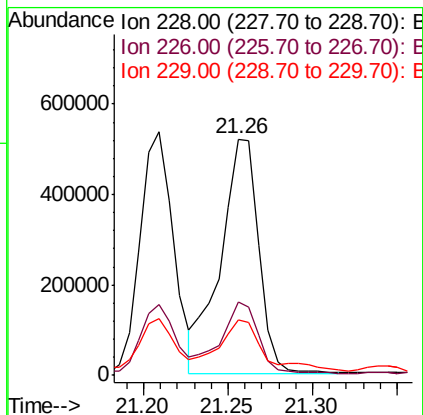
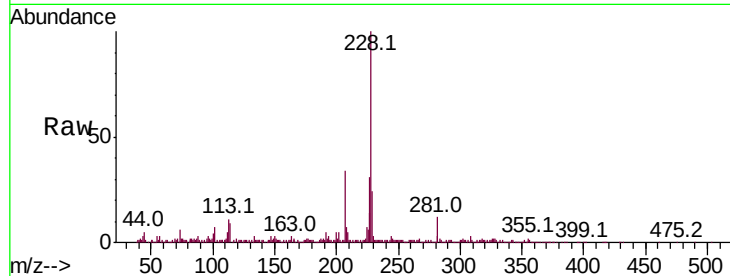




#85
Chrysene
Concen: 4.890 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

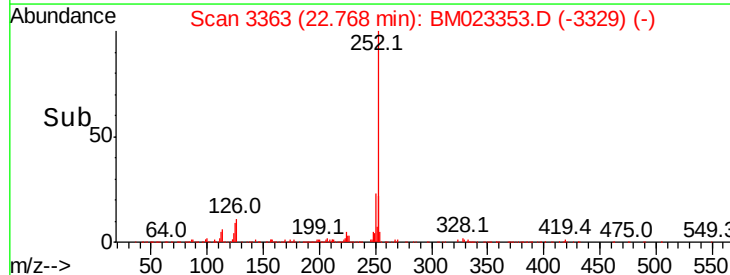
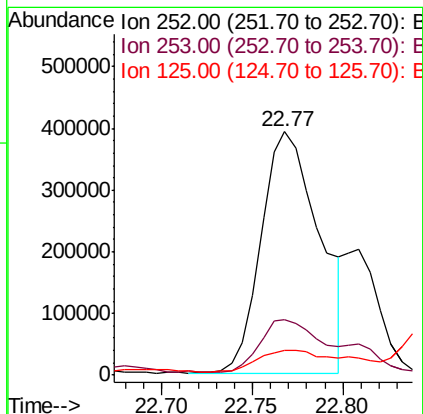
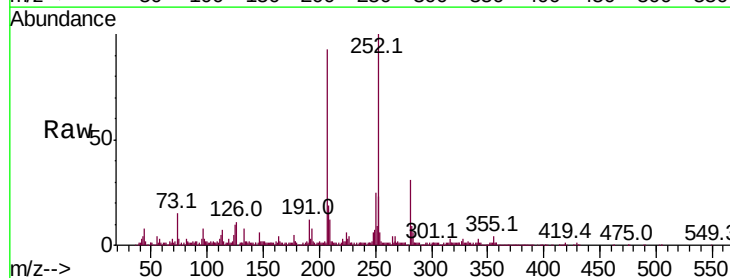
Instrument :
BNA_M
ClientSampleId :

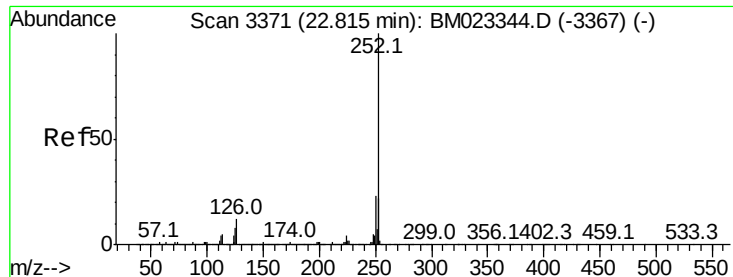
Tot Ion:228	Resp: 820520
Ion Ratio	Lower Upper
228 100	
226 30.8	24.0 36.0
229 23.6	16.0 24.0



#88
Benzo(b)fluoranthene
Concen: 5.069 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Tgt	Ion:252	Resp:	873801
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.2	7.1	10.7





#89

Benzo(k)fluoranthene

Concen: 5.399 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.05 min

Lab File: BM023353.D

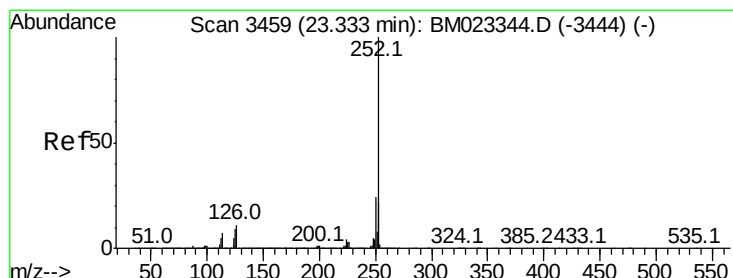
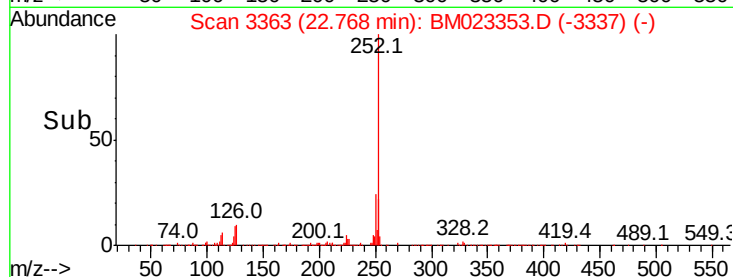
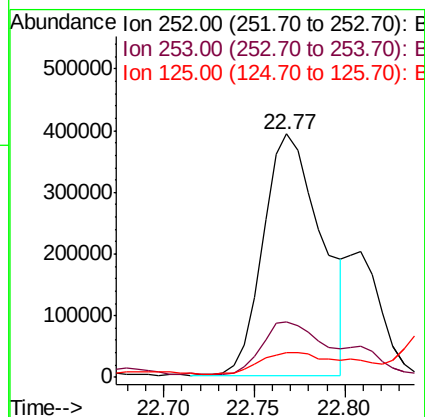
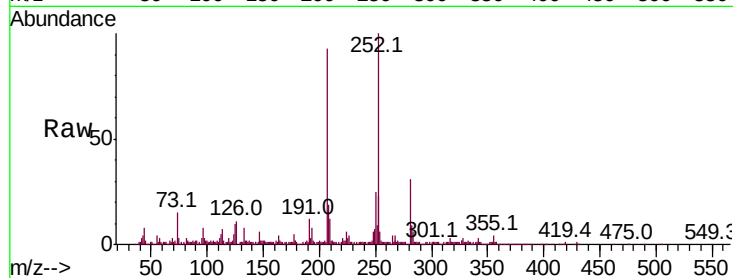
Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	873801
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.2	6.8	10.2



#91

Benzo(a)pyrene

Concen: 3.474 ng/ul

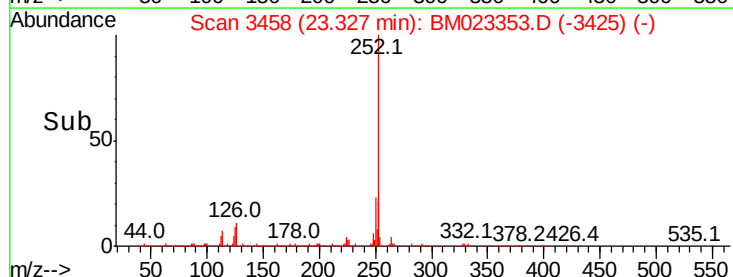
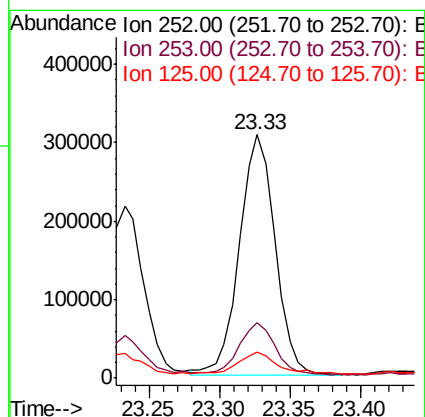
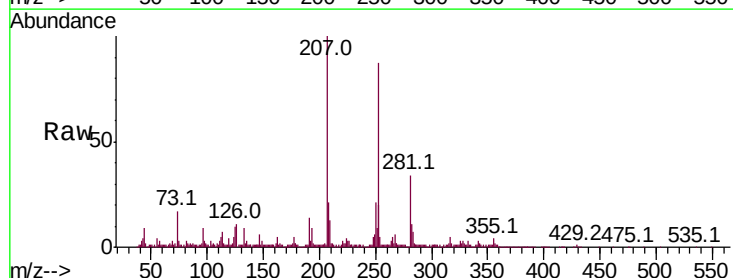
RT: 23.33 min Scan# 3458

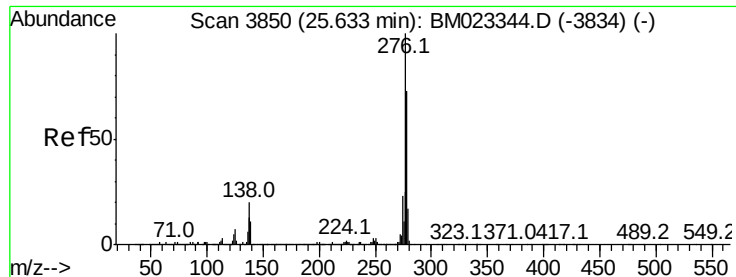
Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Tgt Ion:	252	Resp:	542177
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.9	7.5	11.3



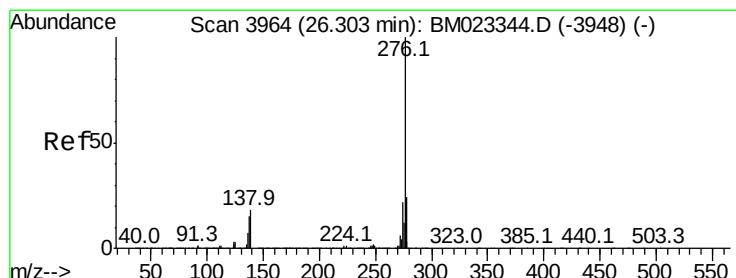
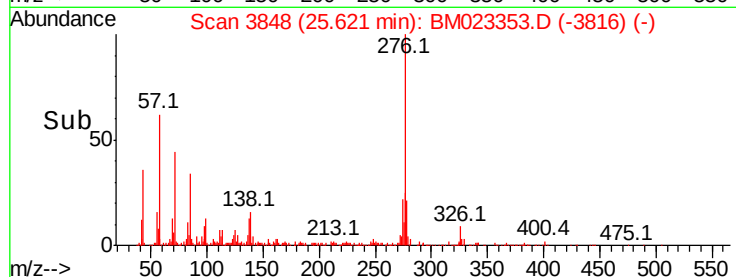
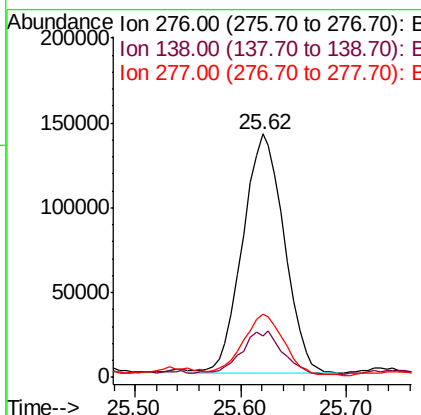
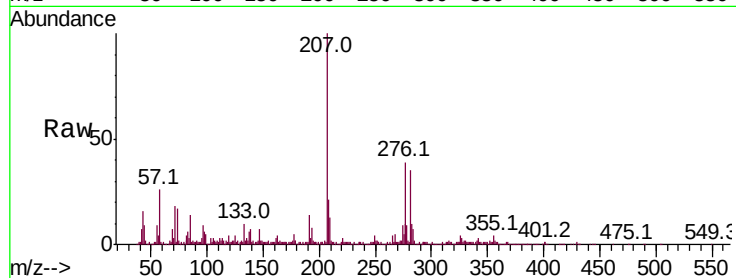


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.278 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.7	23.5
277	26.0	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 2.475 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	14.4	21.6
277	23.9	19.0	28.6

