

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
 Data File : BM023034.D
 Acq On : 07 Oct 2019 16:19
 Operator : JU
 Sample : K5056-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

Quant Time: Oct 07 17:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 07 16:37:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	155411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	653252	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	383687	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	755930	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	757611	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	883625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12820	3.57	ng/uL	0.00
5) Phenol-d5	6.95	99	231721	16.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	142195	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	198391	17.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	163910	14.58	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	92672	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	96538	17.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	182653	16.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	90187	6.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	547869	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	674126	19.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	51767	8.80	ng/ul	0.00
58) Fluorene-d10	15.40	176	486682	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	53292	10.83	ng/ul	0.00
71) Anthracene-d10	17.25	188	716045	19.40	ng/ul	0.00
79) Pyrene-d10	19.54	212	817564	20.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	872664	19.09	ng/ul	0.00

Target Compounds

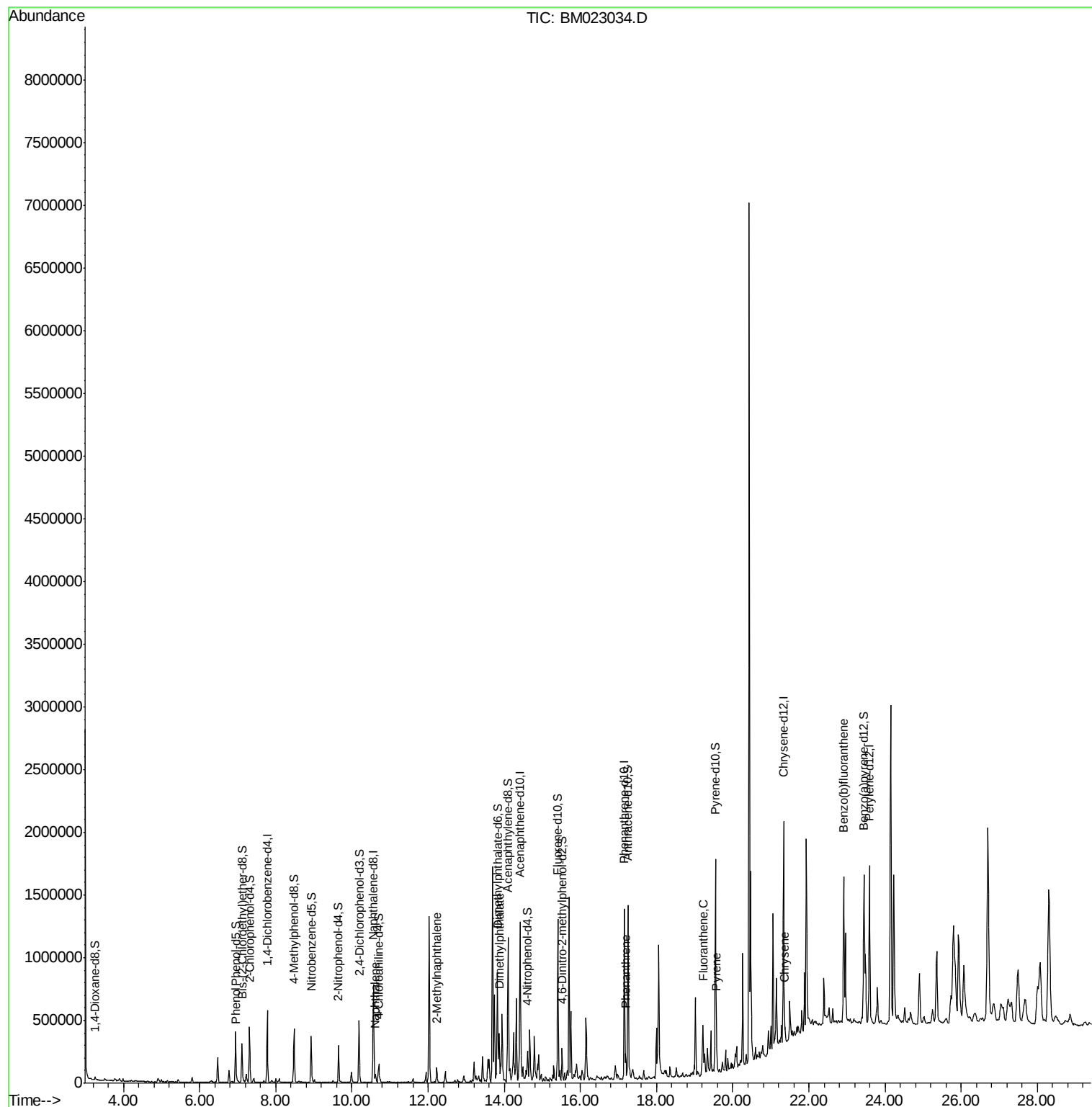
					Qvalue	
6) Phenol	6.97	94	24162	1.678	ng/ul	92
28) Naphthalene	10.62	128	54139	1.535	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	57266	2.165	ng/ul	99
45) Dimethylphthalate	13.87	163	221615	7.245	ng/ul	100
70) Phenanthrene	17.19	178	106677	2.365	ng/ul	99
77) Fluoranthene	19.21	202	128498	2.532	ng/ul	98
80) Pyrene	19.57	202	114224	2.127	ng/ul	100
85) Chrysene	21.37	228	66215	1.320	ng/ul	97
88) Benzo(b)fluoranthene	22.91	252	91536	1.561	ng/ul#	80

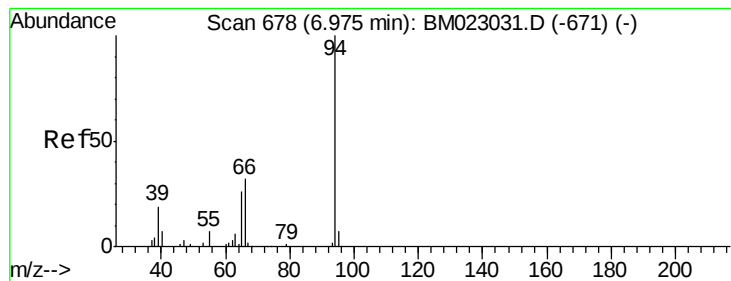
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Time: Oct 07 17:01:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 07 16:37:53 2019
Response via : Initial Calibration





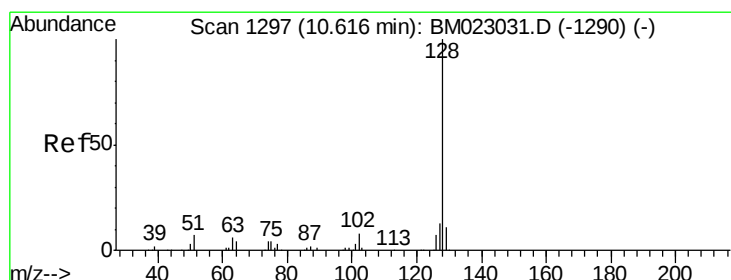
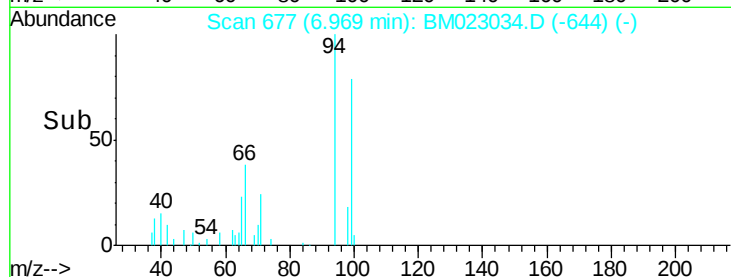
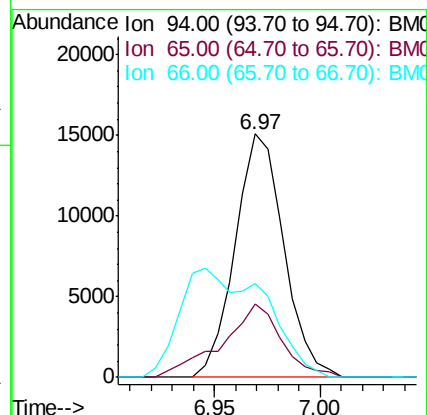
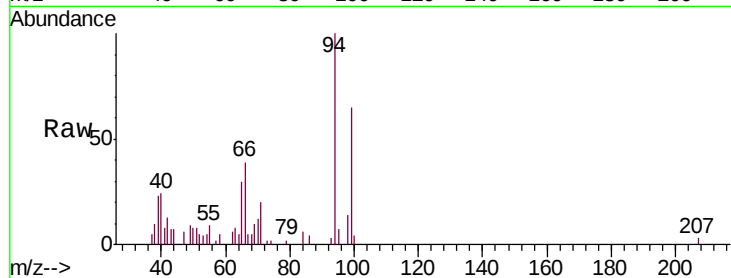
#6

Phenol

Concen: 1.678 ng/ul
 RT: 6.97 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BM023034.D
 Acq: 07 Oct 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

Tgt Ion: 94 Resp: 24162
 Ion Ratio Lower Upper
 94 100
 65 30.1 20.9 31.3
 66 38.8 27.2 40.8

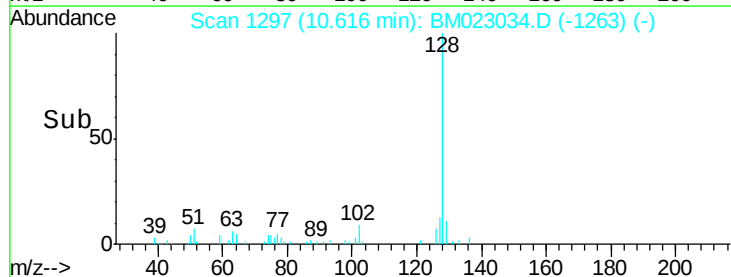
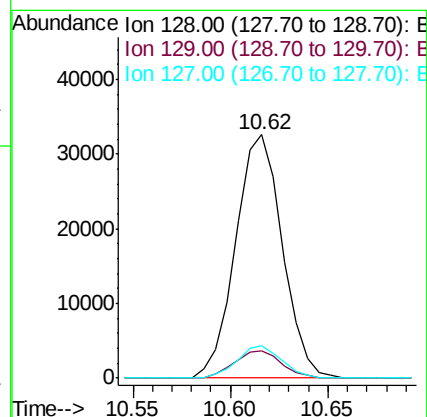
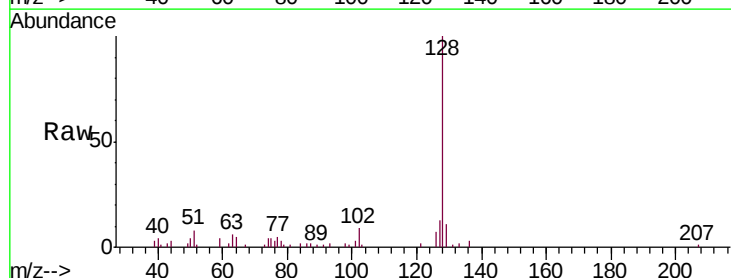


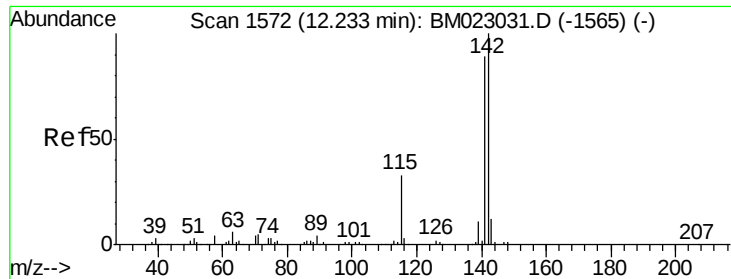
#28

Naphthalene

Concen: 1.535 ng/ul
 RT: 10.62 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BM023034.D
 Acq: 07 Oct 2019 16:19

Tgt Ion: 128 Resp: 54139
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.1 10.2 15.4

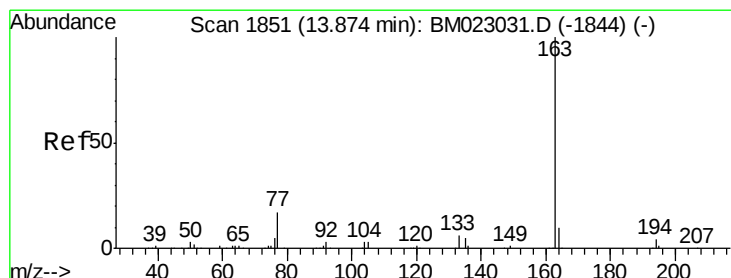
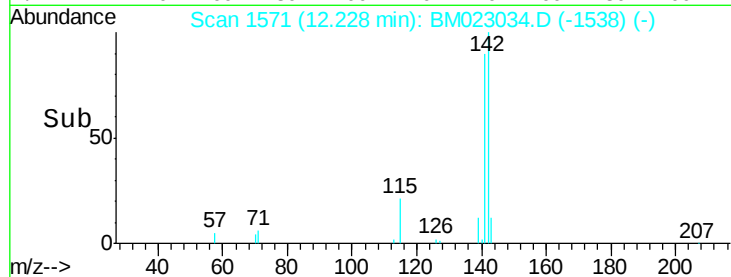
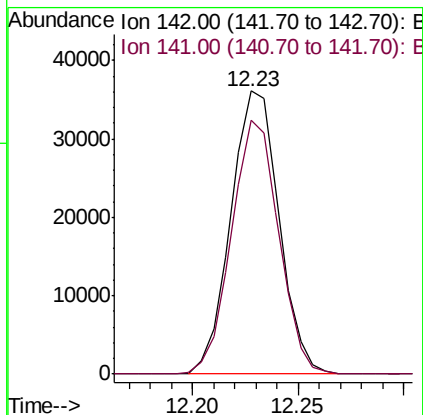
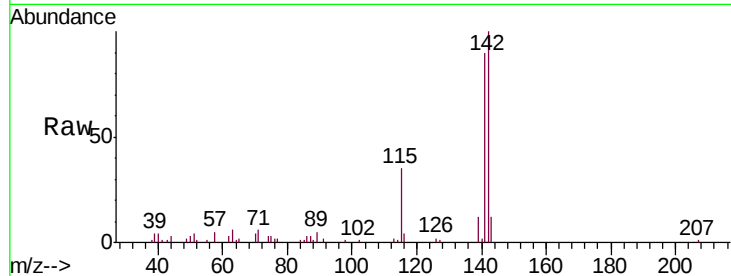




#34
 2-Methylnaphthalene
 Concen: 2.165 ng/ul
 RT: 12.23 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BM023034.D
 Acq: 07 Oct 2019 16:19

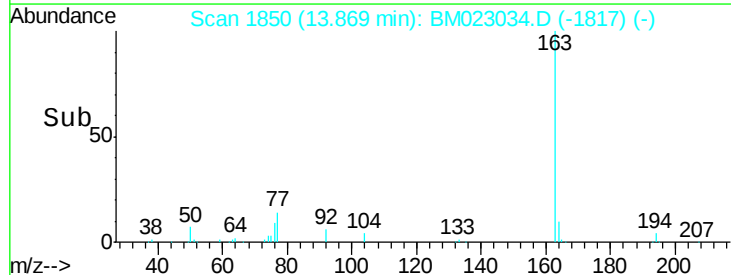
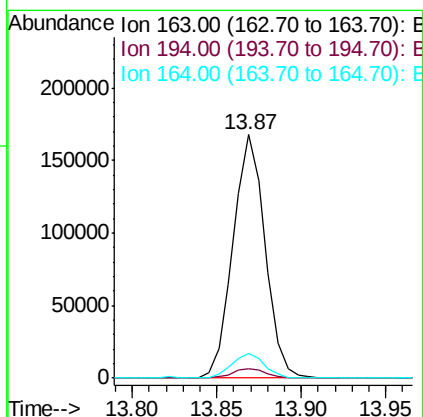
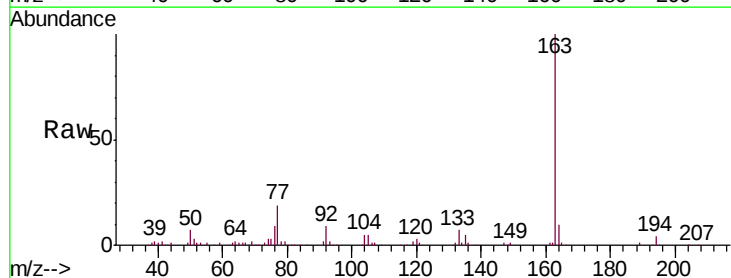
Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

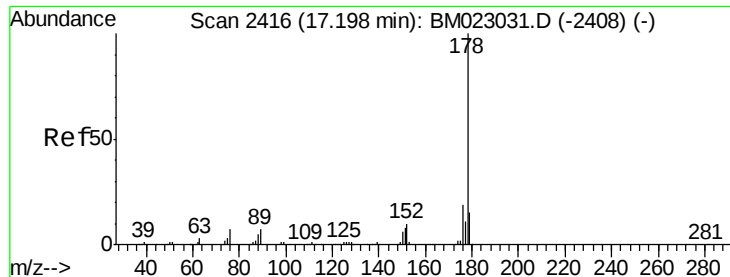
Tgt Ion:142 Resp: 57266
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.2 106.8



#45
 Dimethylphthalate
 Concen: 7.245 ng/ul
 RT: 13.87 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BM023034.D
 Acq: 07 Oct 2019 16:19

Tgt Ion:163 Resp: 221615
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 10.2 8.1 12.1





#70

Phenanthrene

Concen: 2.365 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM023034.D

Acq: 07 Oct 2019 16:19

Instrument :

BNA_M

ClientSampleId :

DBAE0

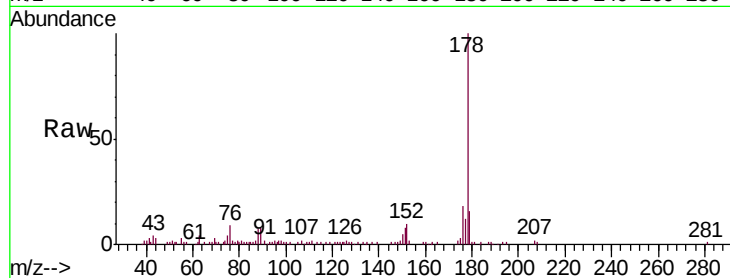
Tgt Ion:178 Resp: 106677

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

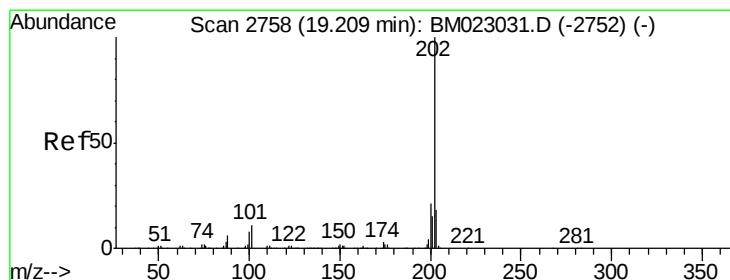
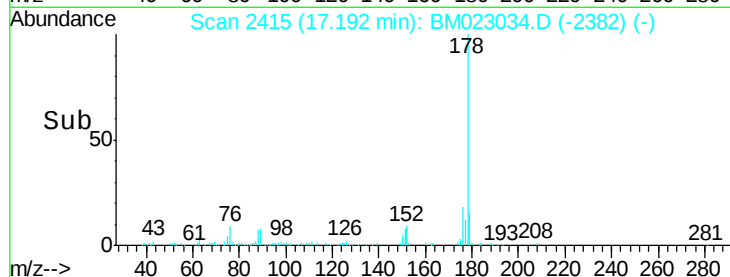
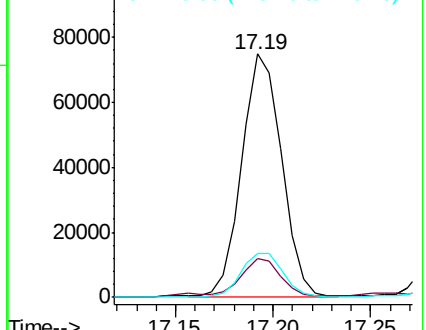
176 18.1 15.3 22.9



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: 2.532 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM023034.D

Acq: 07 Oct 2019 16:19

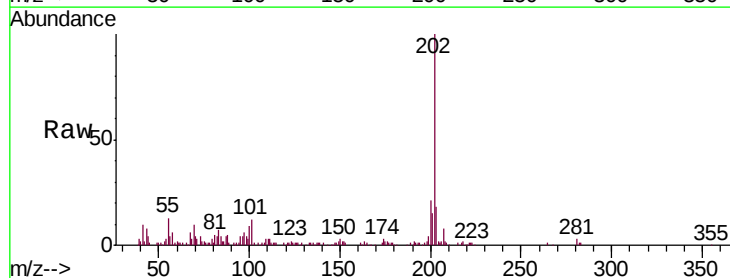
Tgt Ion:202 Resp: 128498

Ion Ratio Lower Upper

202 100

101 11.8 8.6 12.8

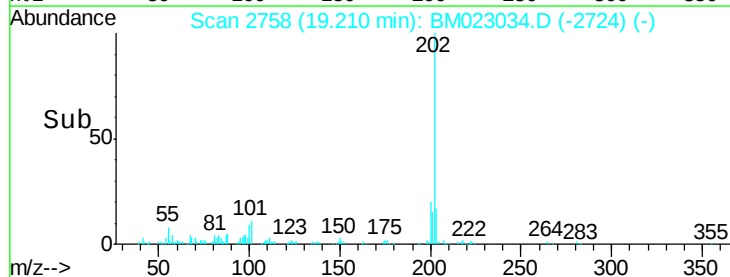
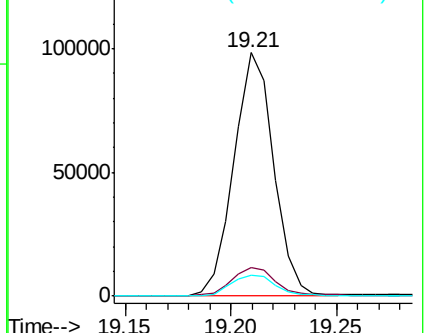
100 8.6 6.4 9.6

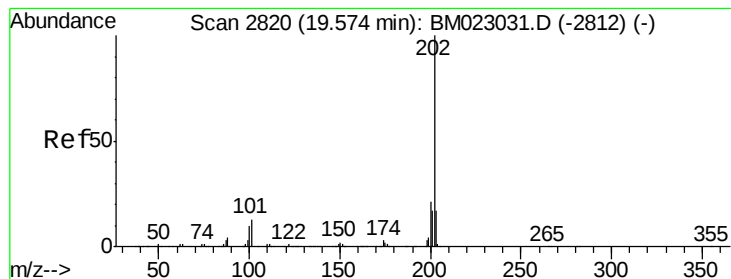


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 2.127 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM023034.D

Acq: 07 Oct 2019 16:19

Instrument :

BNA_M

ClientSampleId :

DBAE0

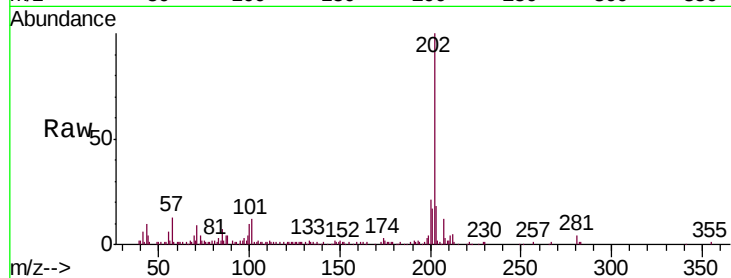
Tgt Ion:202 Resp: 114224

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

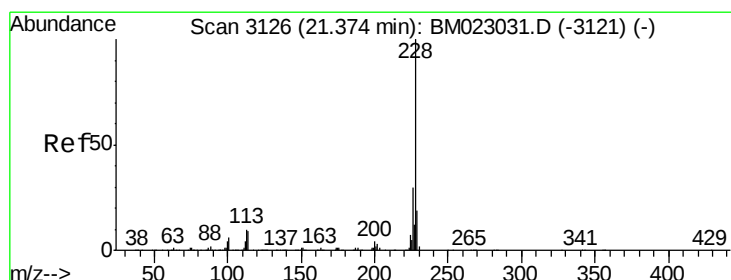
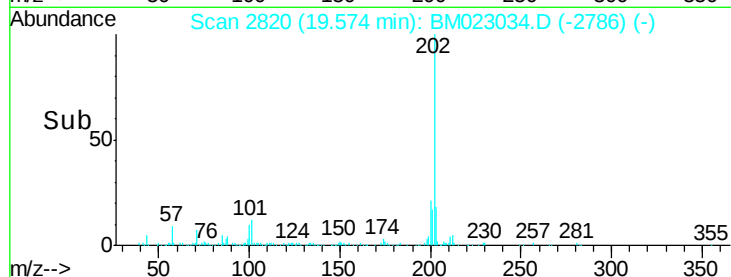
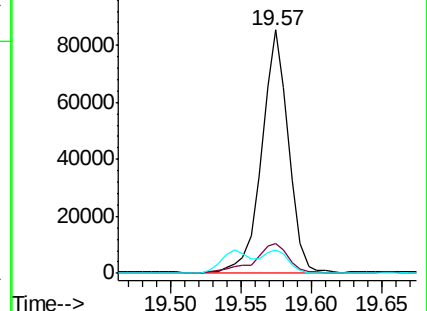
100 9.7 7.8 11.8



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



#85

Chrysene

Concen: 1.320 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM023034.D

Acq: 07 Oct 2019 16:19

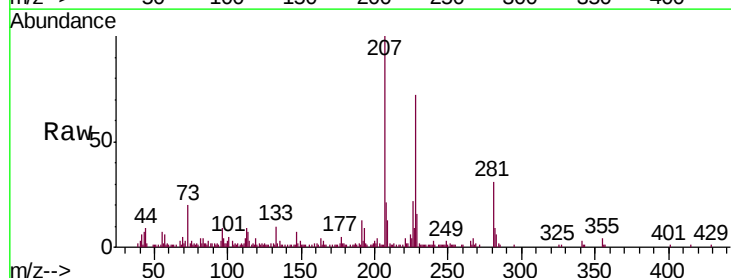
Tgt Ion:228 Resp: 66215

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

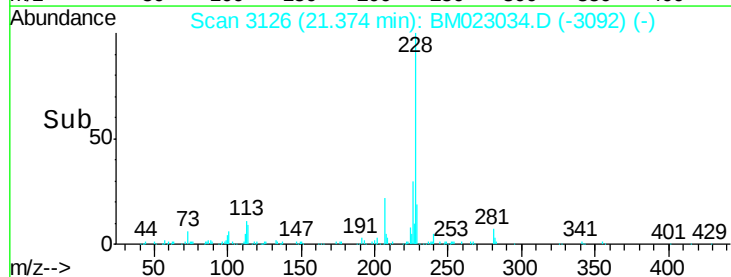
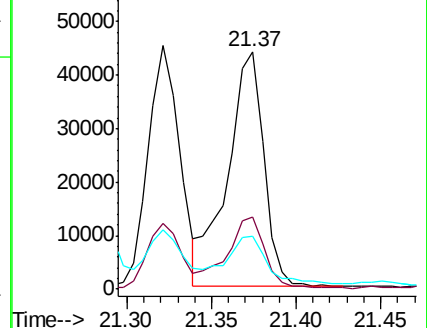
229 22.5 15.9 23.9

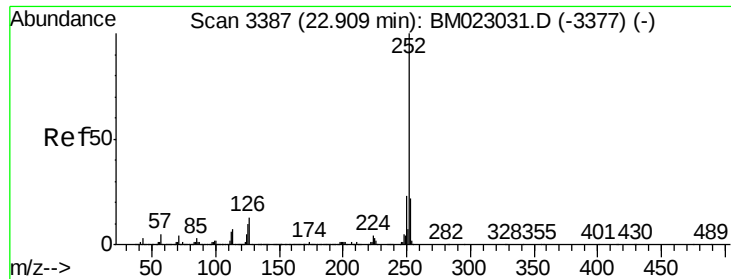


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.561 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.00 min

Lab File: BM023034.D

Acq: 07 Oct 2019 16:19

Instrument :

BNA_M

ClientSampleId :

DBAE0

Tgt Ion:252 Resp: 91536

Ion Ratio Lower Upper

252 100

253 26.2 17.7 26.5

125 26.6 8.2 12.2#

