

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024068.D
 Acq On : 12 Dec 2019 20:48
 Operator : JU
 Sample : K6089-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 01:01:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	416871	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1797441	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1124030	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	2321056	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1661776	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1836021	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	31059	3.31	ng/uL	0.00
5) Phenol-d5	6.66	99	620280	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	414186	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	502710	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	475039	16.48	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	246350	17.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	269178	16.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	508608	16.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	247653	7.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1653883	18.94	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1993079	19.47	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	152930	10.42	ng/ul	0.00
58) Fluorene-d10	15.13	176	1480813	20.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	198006	13.59	ng/ul	0.00
71) Anthracene-d10	16.98	188	2164574	19.53	ng/ul	-0.01
79) Pyrene-d10	19.29	212	2151435	25.06	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	1921103	19.80	ng/ul	-0.02

Target Compounds

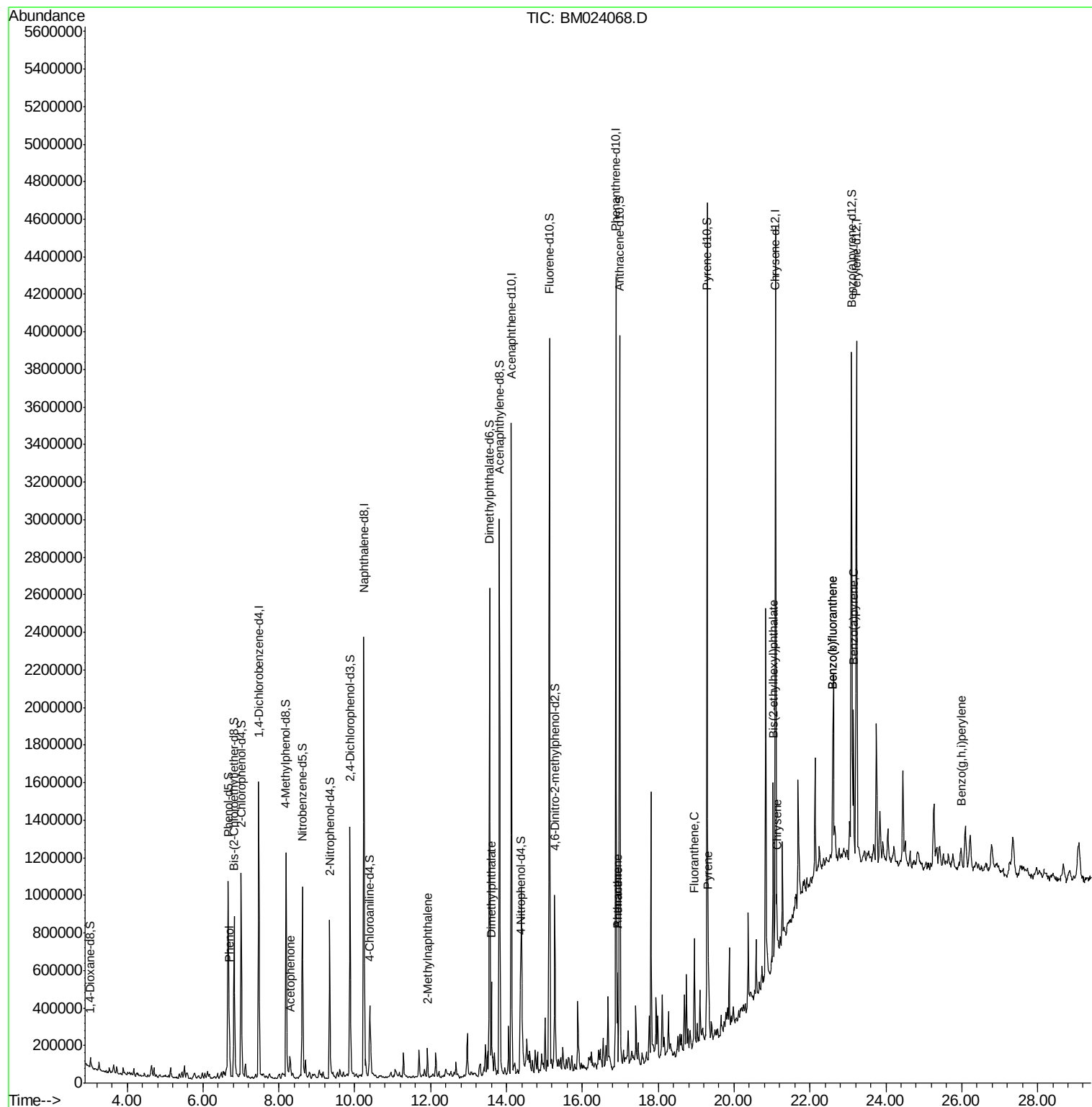
					Ovalue
6) Phenol	6.69	94	161482	4.296	ng/ul 97
14) Acetophenone	8.30	105	56732	1.287	ng/ul 97
34) 2-Methylnaphthalene	11.92	142	74091	1.077	ng/ul 97
45) Dimethylphthalate	13.60	163	298425	3.491	ng/ul 100
70) Phenanthrene	16.93	178	284888	2.173	ng/ul 99
72) Anthracene	16.93	178	285119	2.142	ng/ul 99
77) Fluoranthene	18.96	202	272669	1.939	ng/ul 99
80) Pyrene	19.32	202	230047	2.055	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.03	149	313818	4.439	ng/ul 100
85) Chrysene	21.13	228	195704	1.876	ng/ul# 92
88) Benzo(b)fluoranthene	22.60	252	198377	1.747	ng/ul# 88
89) Benzo(k)fluoranthene	22.60	252	198377	1.840	ng/ul# 88
91) Benzo(a)pyrene	23.14	252	119423	1.112	ng/ul# 86
94) Benzo(g,h,i)perylene	25.98	276	125016	1.120	ng/ul# 93

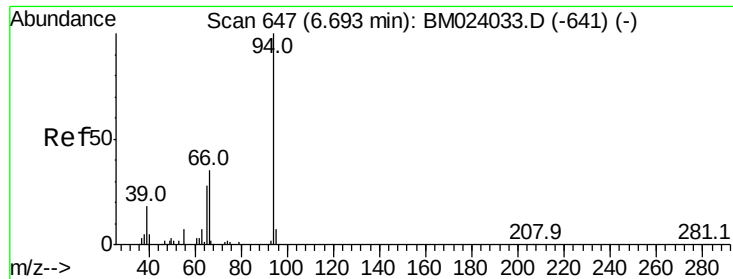
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 13 01:01:10 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.296 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

Instrument :

BNA_M

ClientSampled :

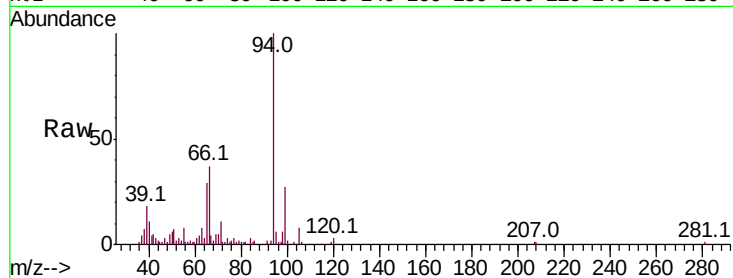
Tot Ion: 94 Resp: 161482

Ion Ratio Lower Upper

94 100

65 28.5 21.7 32.5

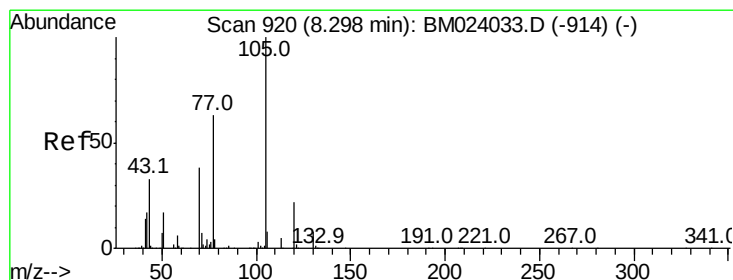
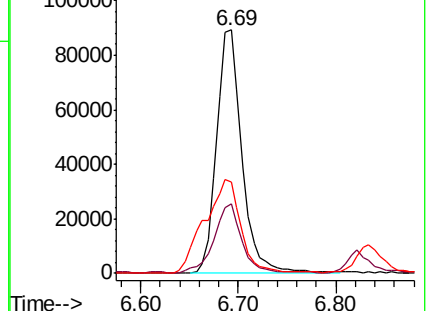
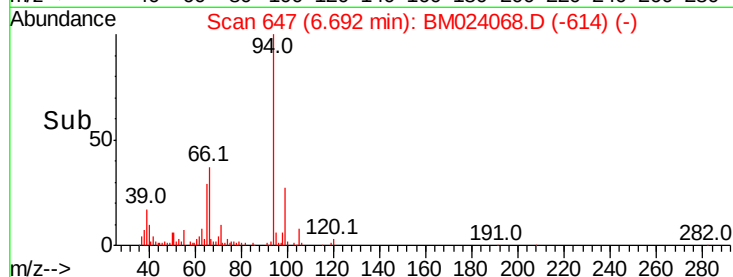
66 37.5 28.8 43.2



Abundance Ion 94.00 (93.70 to 94.70): BM024033.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM024033.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM024033.D (-641) (-)



#14

Acetophenone

Concen: 1.287 ng/ul

RT: 8.30 min Scan# 921

Delta R.T. 0.00 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

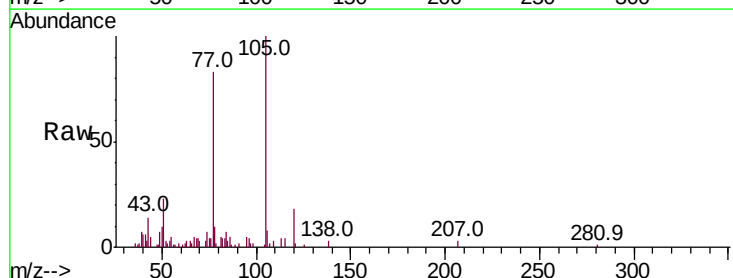
Tgt Ion: 105 Resp: 56732

Ion Ratio Lower Upper

105 100

77 82.6 64.1 96.1

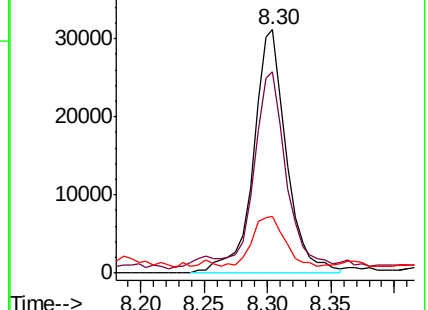
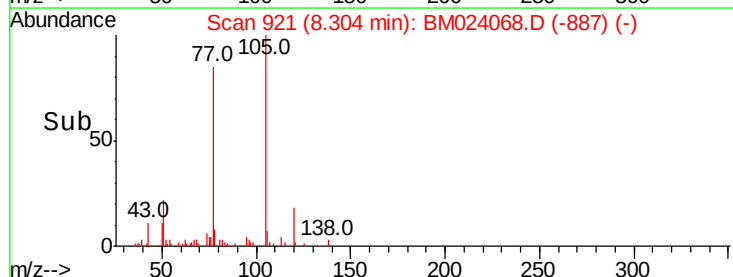
51 23.3 16.6 24.8

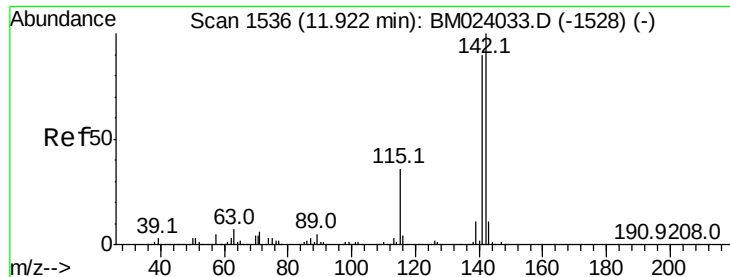


Abundance Ion 105.00 (104.70 to 105.70): BM024033.D (-914) (-)

Ion 77.00 (76.70 to 77.70): BM024033.D (-914) (-)

Ion 51.00 (50.70 to 51.70): BM024033.D (-914) (-)

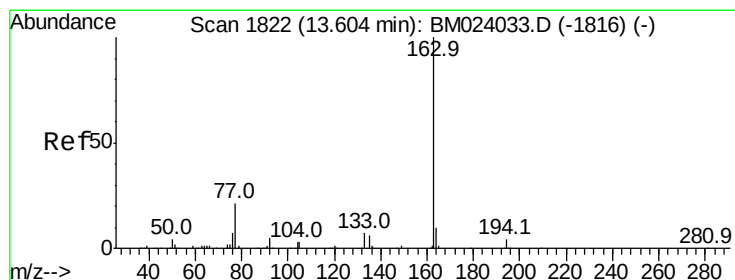
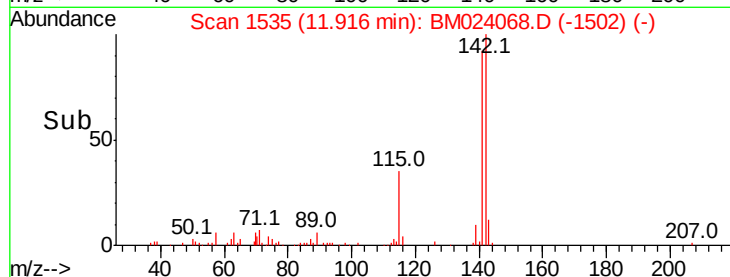
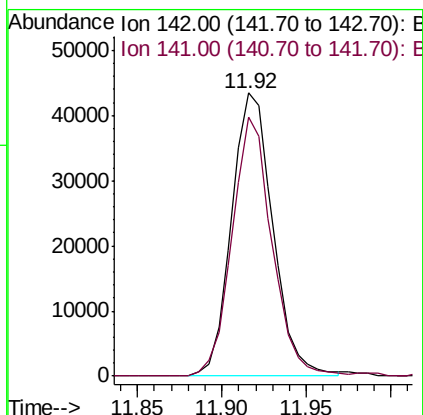
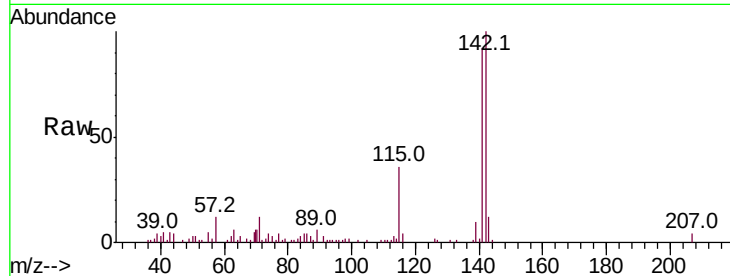




#34
 2-Methylnaphthalene
 Concen: 1.077 ng/ul
 RT: 11.92 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BM024068.D
 Acq: 12 Dec 2019 20:48

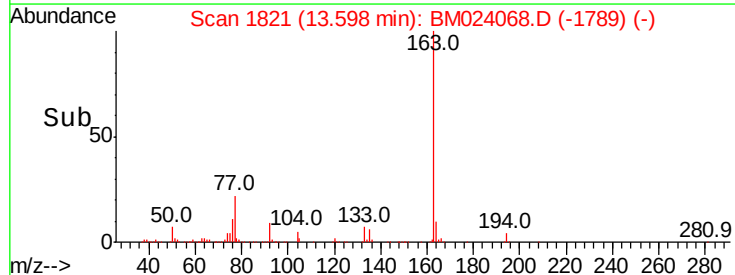
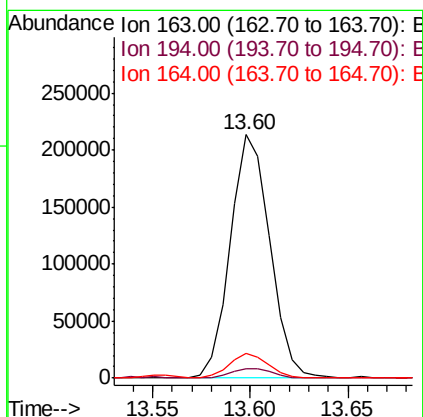
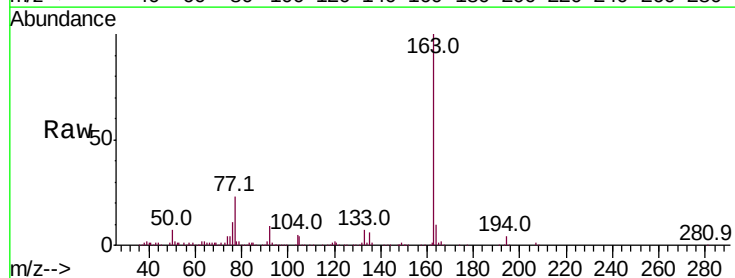
Instrument :
 BNA_M
 ClientSampleId :

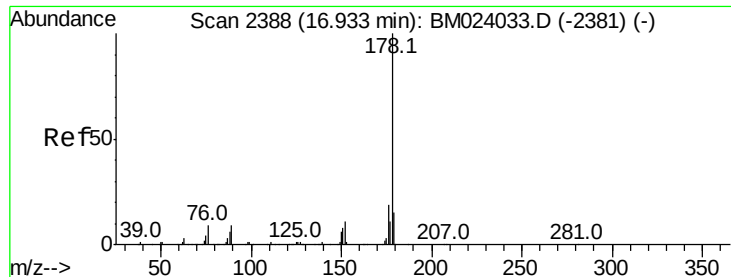
Tot Ion:142 Resp: 74091
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.3 106.9



#45
 Dimethylphthalate
 Concen: 3.491 ng/ul
 RT: 13.60 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BM024068.D
 Acq: 12 Dec 2019 20:48

Tgt Ion:163 Resp: 298425
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.3 4.9
 164 10.0 7.9 11.9





#70

Phenanthrene

Concen: 2.173 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

Instrument :

BNA_M

ClientSampled :

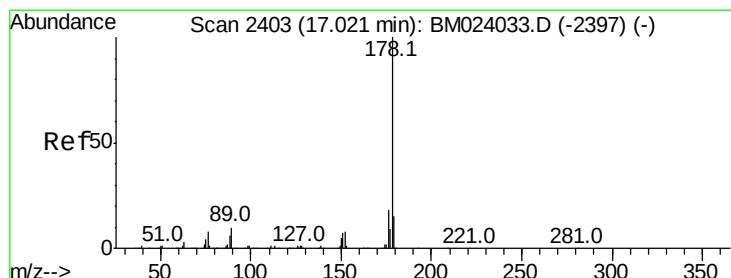
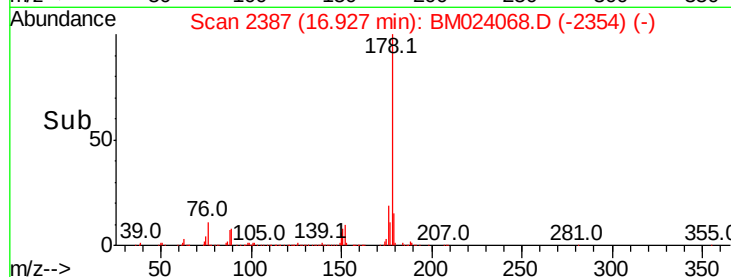
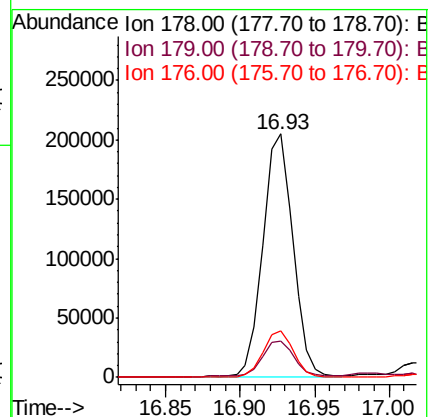
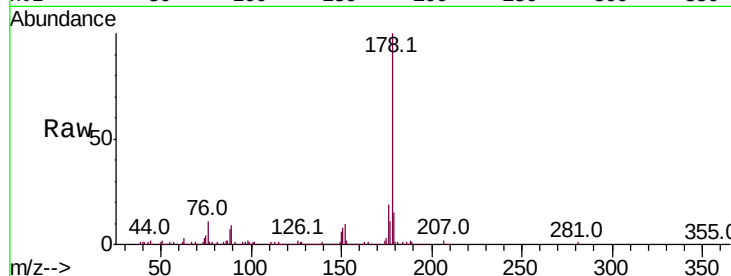
Tot Ion:178 Resp: 284888

Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 19.2 15.1 22.7



#72

Anthracene

Concen: 2.142 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.10 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

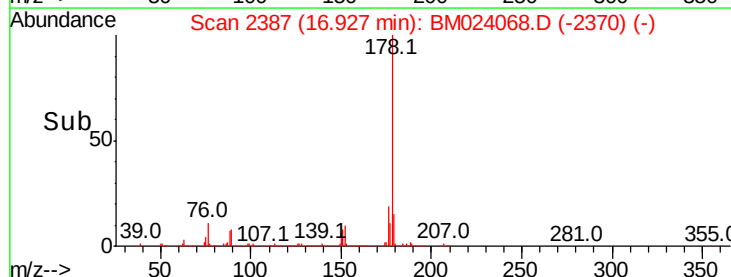
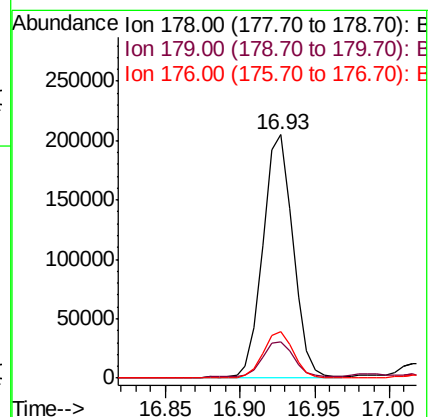
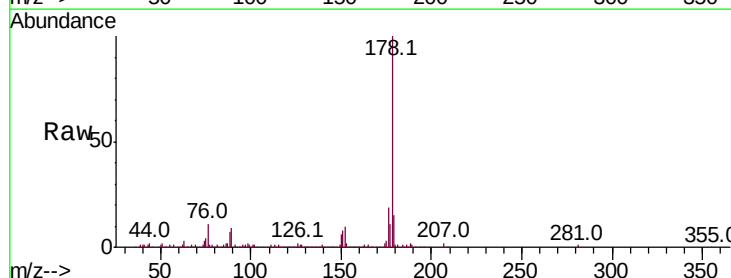
Tgt Ion:178 Resp: 285119

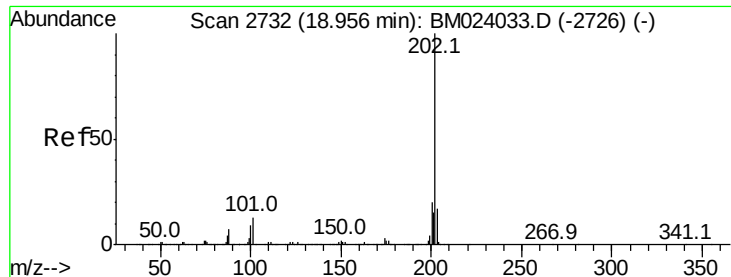
Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

176 19.2 14.7 22.1

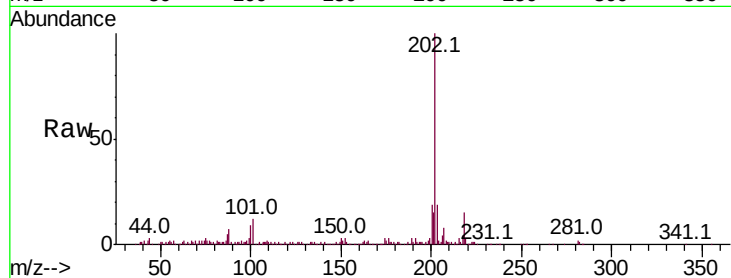




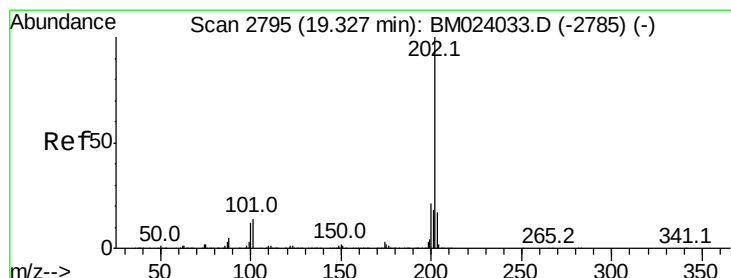
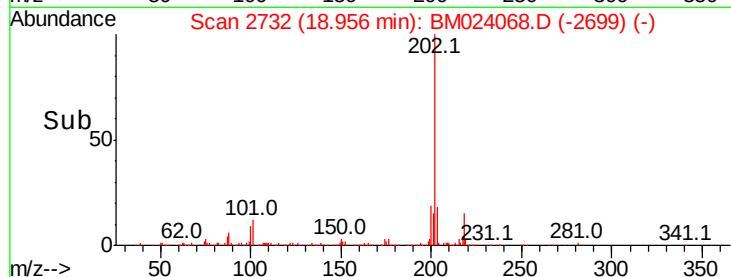
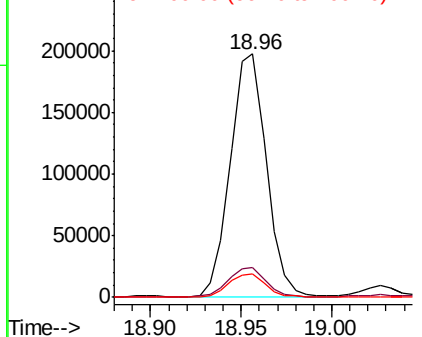
#77
Fluoranthene
Concen: 1.939 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024068.D
Acq: 12 Dec 2019 20:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	272669		
101	12.4		10.1	15.1
100	9.4		7.8	11.6

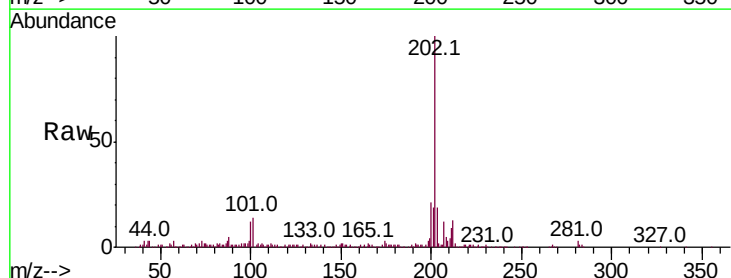


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

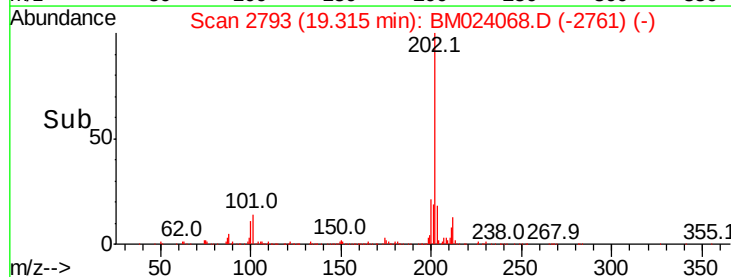
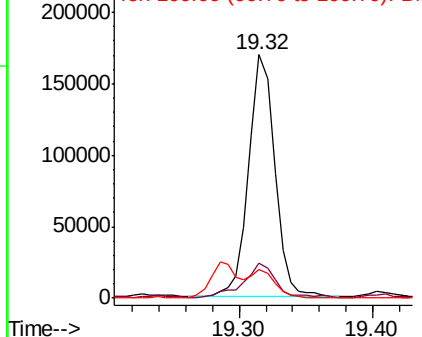


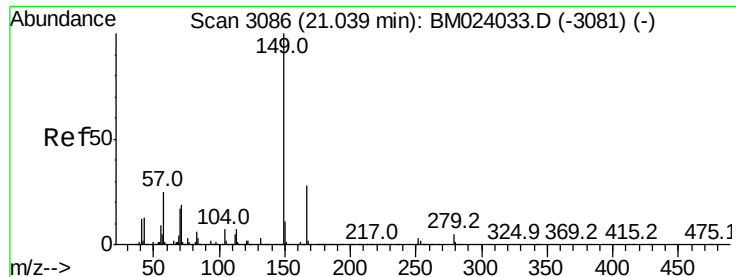
#80
Pyrene
Concen: 2.055 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM024068.D
Acq: 12 Dec 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	230047		
101	14.2		11.8	17.6
100	11.6		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





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.439 ng/ul

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

Instrument :

BNA_M

ClientSampleId :

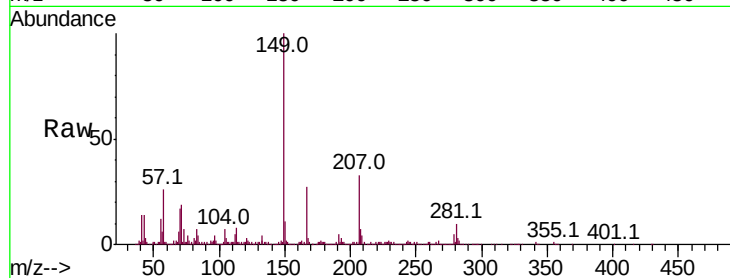
Tot Ion:149 Resp: 313818

Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

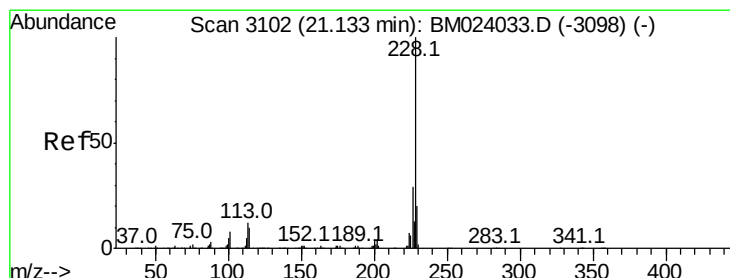
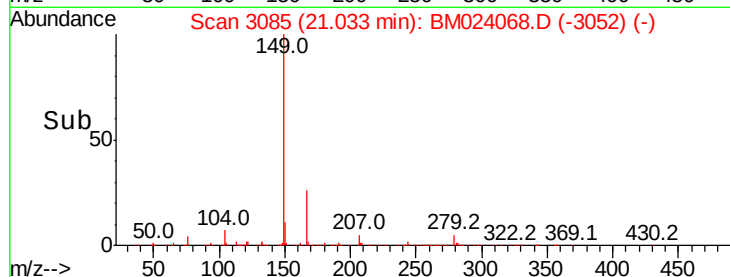
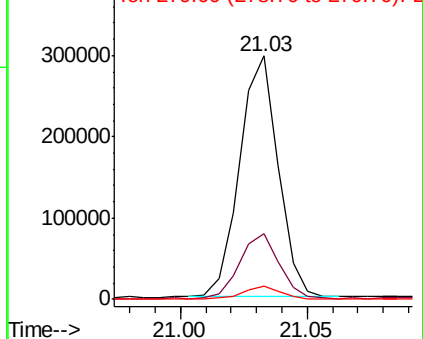
279 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.876 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

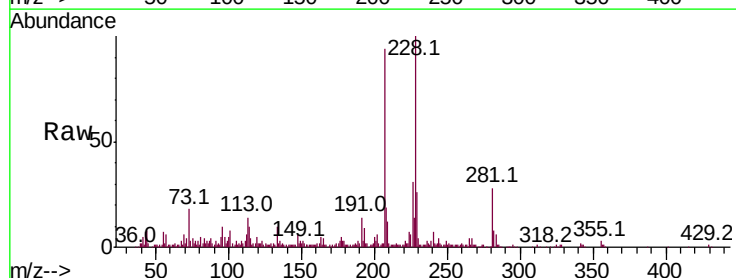
Tgt Ion:228 Resp: 195704

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

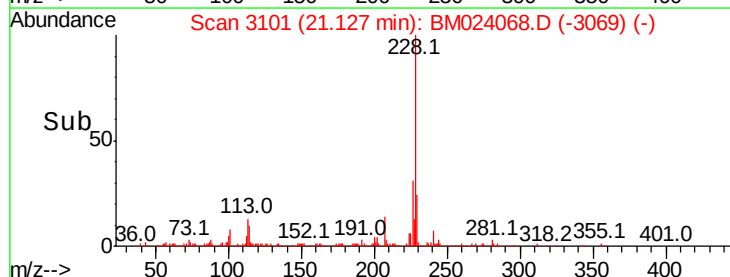
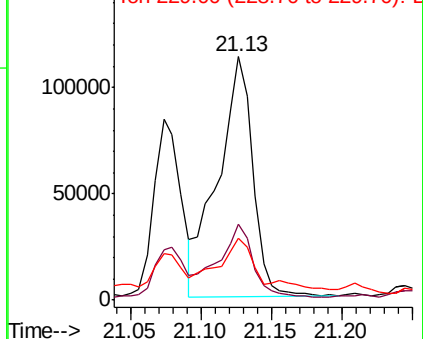
229 25.6 15.3 22.9#

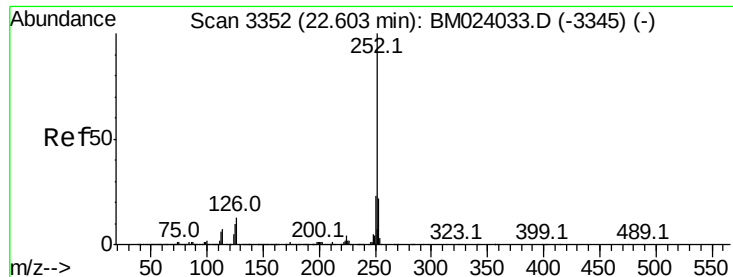


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.747 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM024068.D

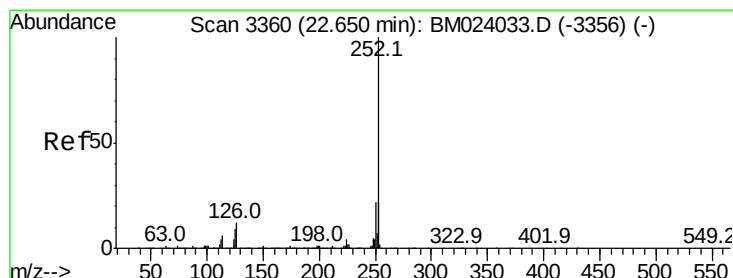
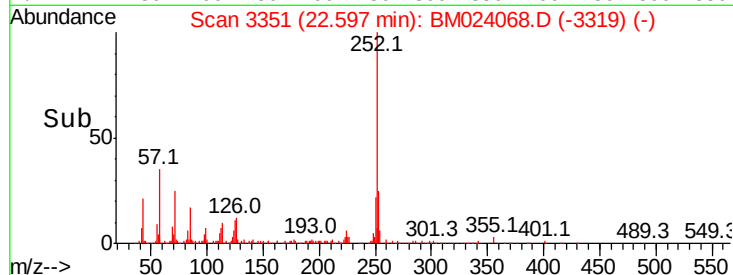
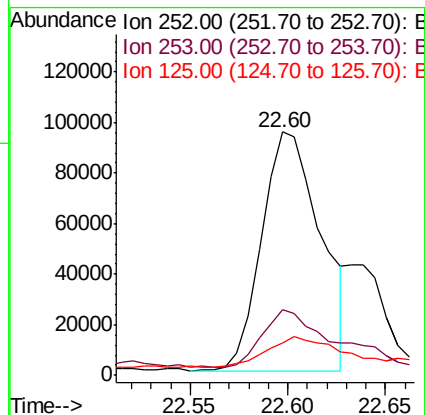
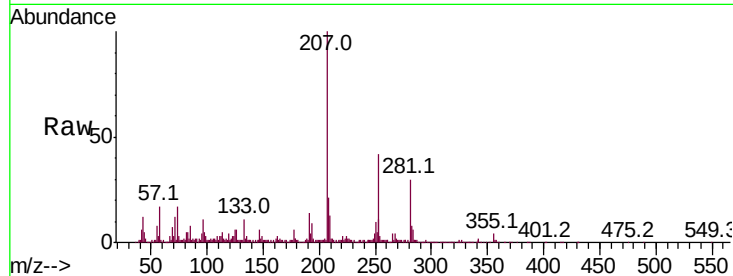
Acq: 12 Dec 2019 20:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	198377
Ion Ratio	Lower	Upper
252	100	
253	27.2	17.4 26.0#
125	13.5	7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 1.840 ng/ul

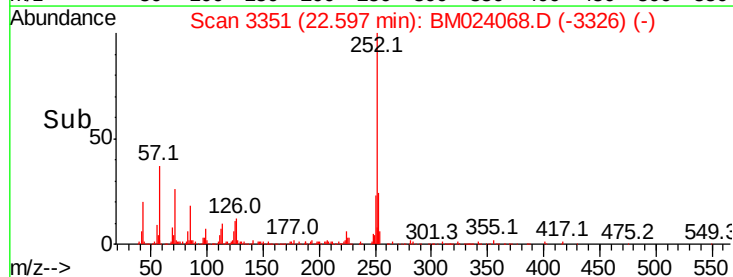
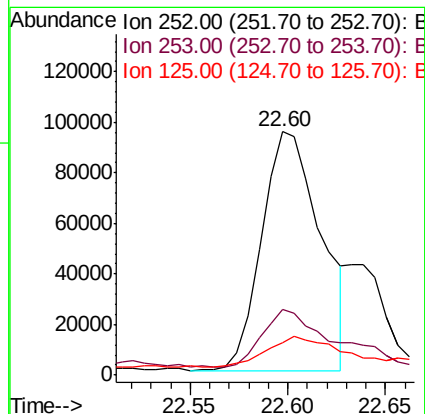
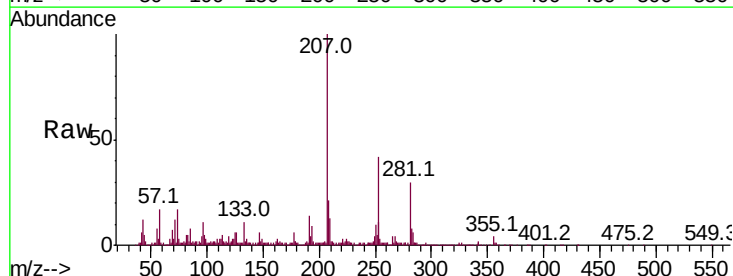
RT: 22.60 min Scan# 3351

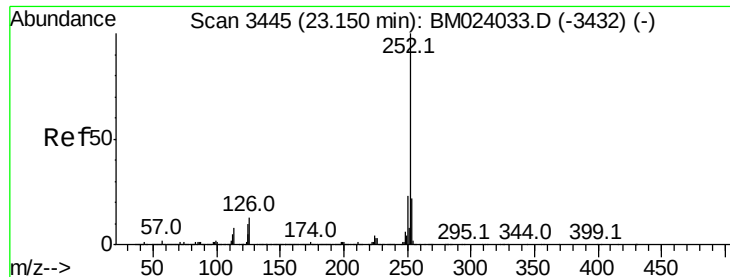
Delta R.T. -0.05 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

Tgt Ion:252	Resp:	198377
Ion Ratio	Lower	Upper
252	100	
253	27.2	17.2 25.8#
125	13.5	7.0 10.4#





#91

Benzo(a)pyrene

Concen: 1.112 ng/ul

RT: 23.14 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

Instrument :

BNA_M

ClientSampleId :

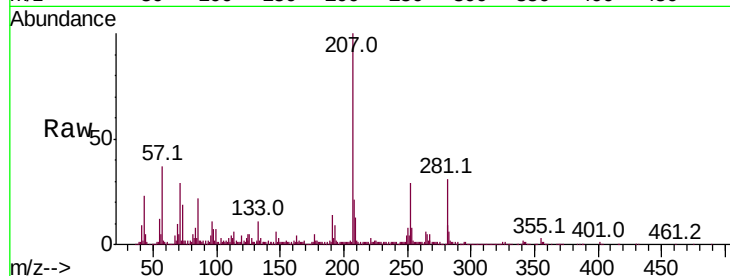
Tot Ion:252 Resp: 119423

Ion Ratio Lower Upper

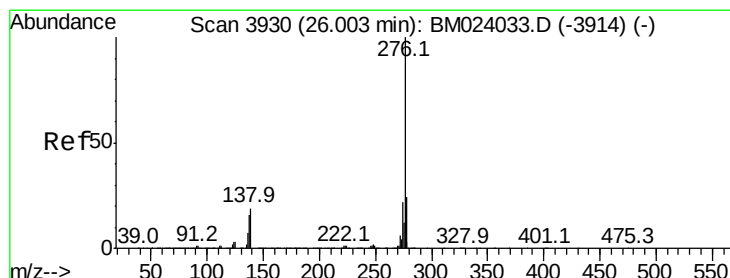
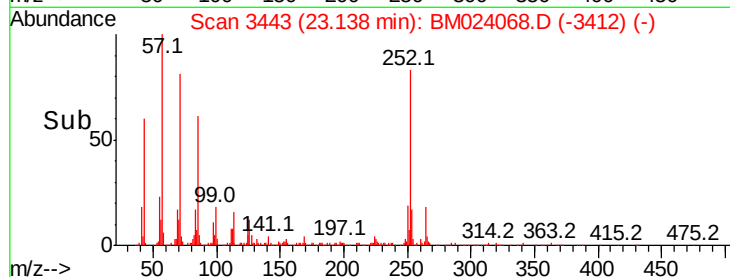
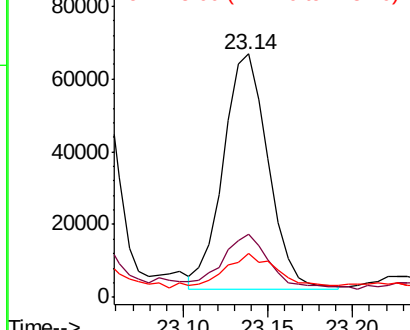
252 100

253 26.1 17.2 25.8#

125 17.8 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



#94

Benzo(g,h,i)perylene

Concen: 1.120 ng/ul

RT: 25.98 min Scan# 3926

Delta R.T. -0.04 min

Lab File: BM024068.D

Acq: 12 Dec 2019 20:48

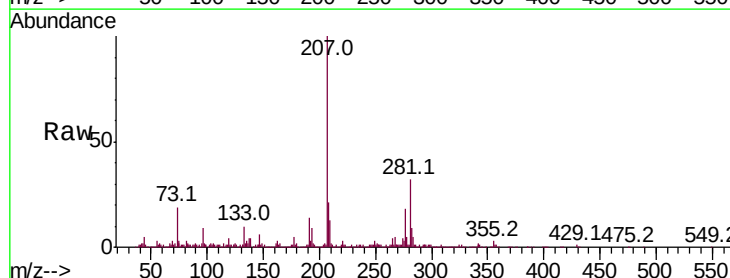
Tgt Ion:276 Resp: 125016

Ion Ratio Lower Upper

276 100

138 24.2 14.9 22.3#

277 25.1 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

