

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021202.D
 Acq On : 26 Jun 2019 21:19
 Operator : HP/JU
 Sample : K3501-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD4

Quant Time: Jun 27 00:46:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 00:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	235644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1076847	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	717277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1600840	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1091046	20.00	ng/ul	-0.01
85) Perylene-d12	23.61	264	1183897	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18262	3.68	ng/uL	0.00
5) Phenol-d5	6.93	99	415022	20.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	248777	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	342515	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	379370	22.16	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	191099	21.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	217733	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	449743	22.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	414649	20.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1659472	25.60	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1858439	23.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	159348	15.12	ng/ul	0.00
57) Fluorene-d10	15.40	176	1412379	25.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	175089	17.79	ng/ul	0.00
70) Anthracene-d10	17.25	188	2082638	25.03	ng/ul	0.00
78) Pyrene-d10	19.54	212	1961314	29.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1699586	24.33	ng/ul	-0.01

Target Compounds

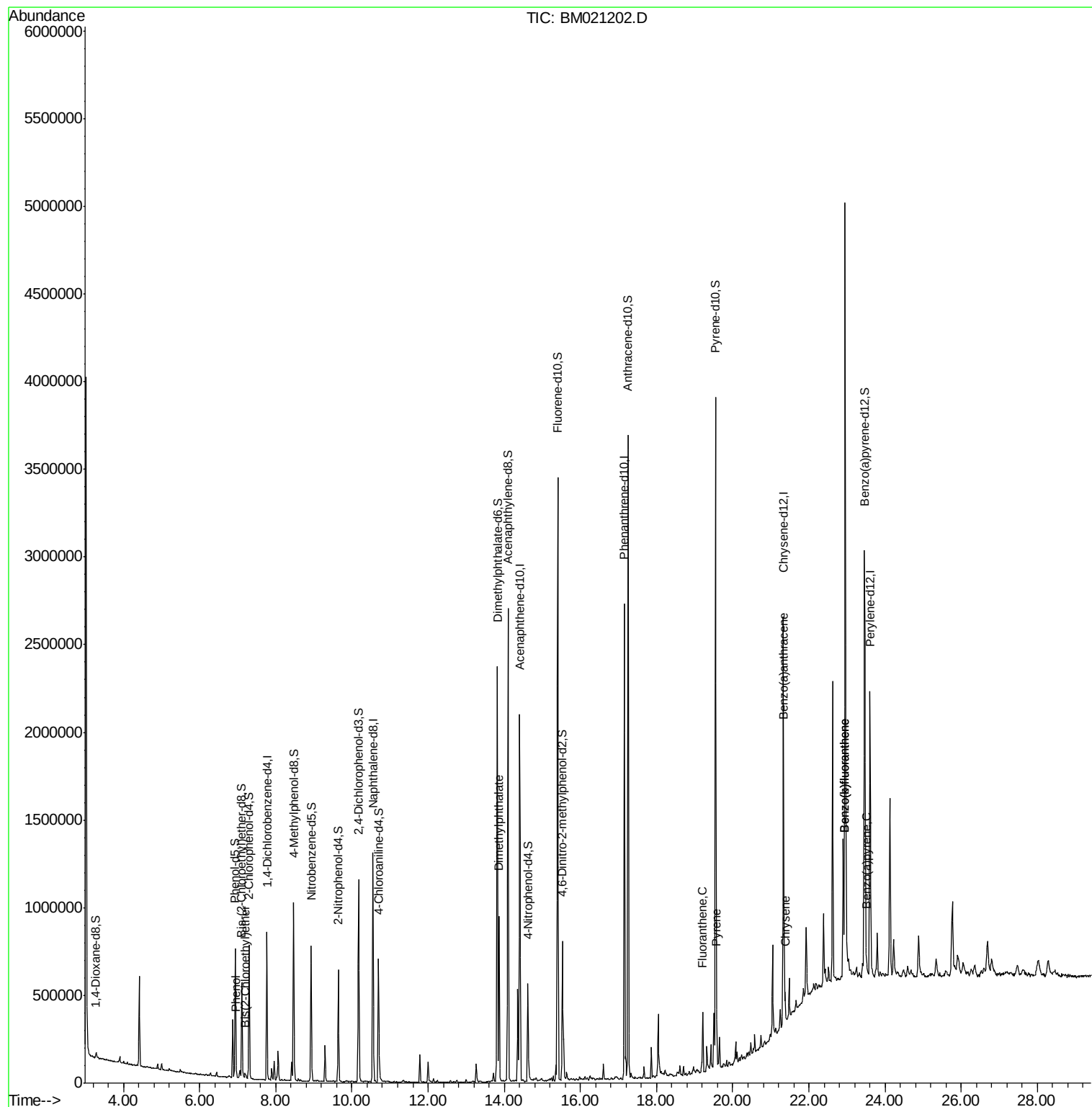
					Qvalue
6) Phenol	6.96	94	20140	1.038 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.19	93	15895	1.074 ng/ul#	25
44) Dimethylphthalate	13.87	163	620586	10.519 ng/ul	100
76) Fluoranthene	19.22	202	203787	2.130 ng/ul	99
79) Pyrene	19.57	202	174853	2.267 ng/ul	98
82) Benzo(a)anthracene	21.32	228	79891	1.074 ng/ul	97
84) Chrysene	21.37	228	96012	1.378 ng/ul	96
87) Benzo(b)fluoranthene	22.93	252	132097	1.761 ng/ul#	91
88) Benzo(k)fluoranthene	22.93	252	132097	1.831 ng/ul#	91
90) Benzo(a)pyrene	23.51	252	77581	1.099 ng/ul#	97

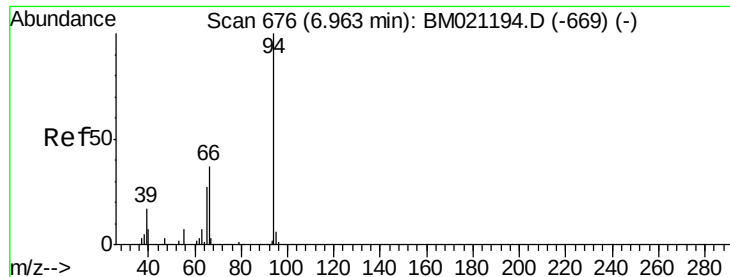
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.038 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

Instrument :

BNA_M

ClientSampleId :

C5AD4

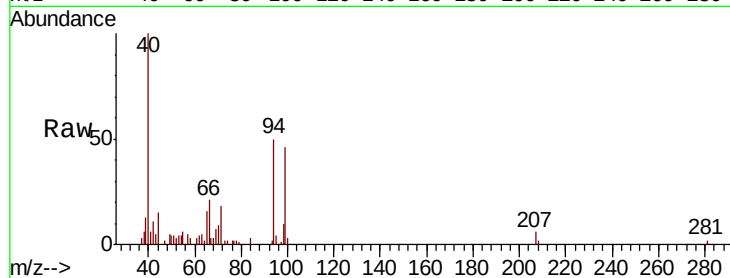
Tgt Ion: 94 Resp: 20140

Ion Ratio Lower Upper

94 100

65 30.9 22.6 34.0

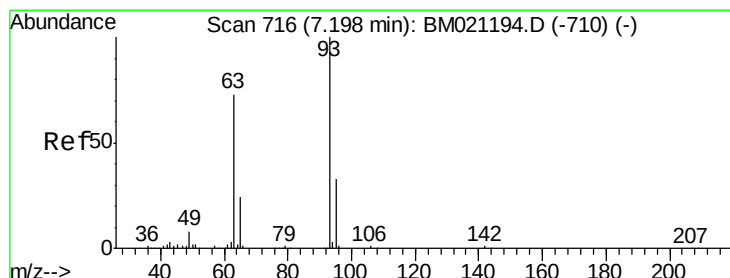
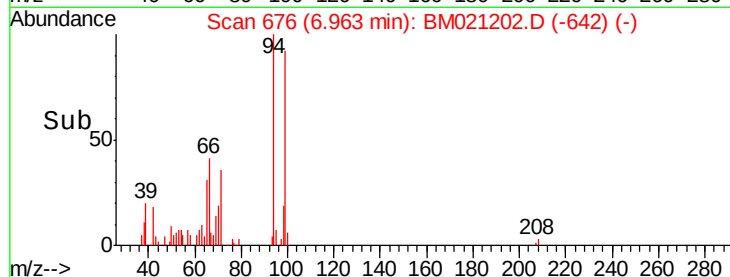
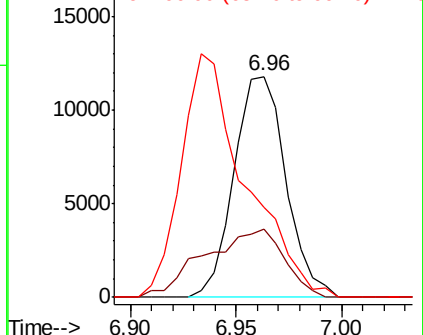
66 41.0 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021202.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM021202.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM021202.D (-642) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.074 ng/ul

RT: 7.19 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

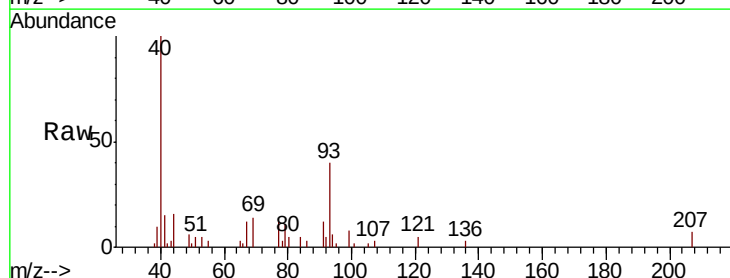
Tgt Ion: 93 Resp: 15895

Ion Ratio Lower Upper

93 100

63 0.0 57.9 86.9#

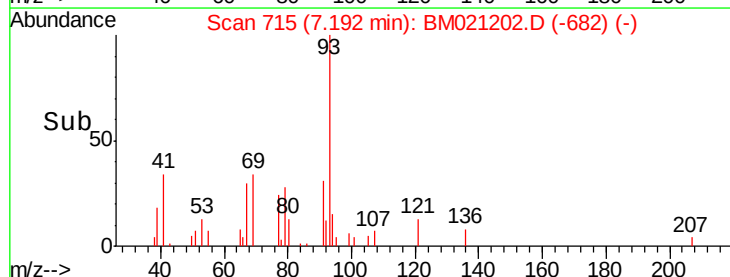
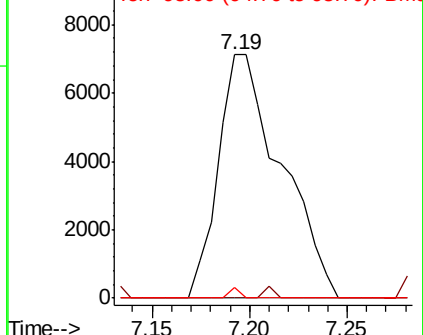
95 4.3 26.2 39.4#

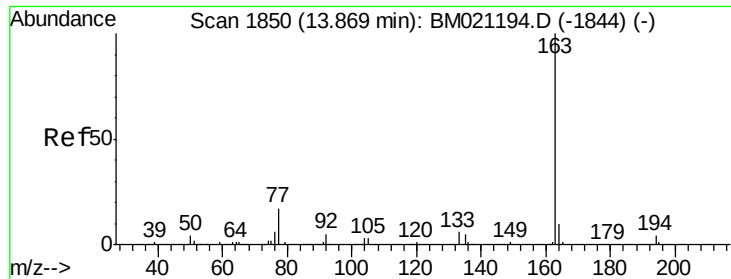


Abundance Ion 93.00 (92.70 to 93.70): BM021202.D (-682) (-)

Ion 63.00 (62.70 to 63.70): BM021202.D (-682) (-)

Ion 95.00 (94.70 to 95.70): BM021202.D (-682) (-)





#44

Dimethylphthalate

Concen: 10.519 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

Instrument :

BNA_M

ClientSampleId :

C5AD4

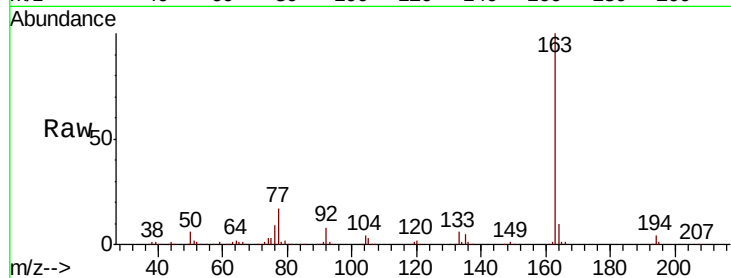
Tgt Ion:163 Resp: 620586

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

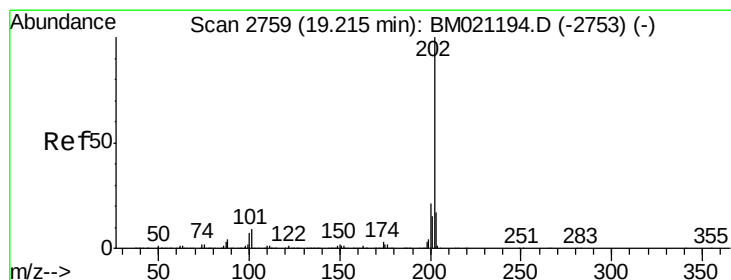
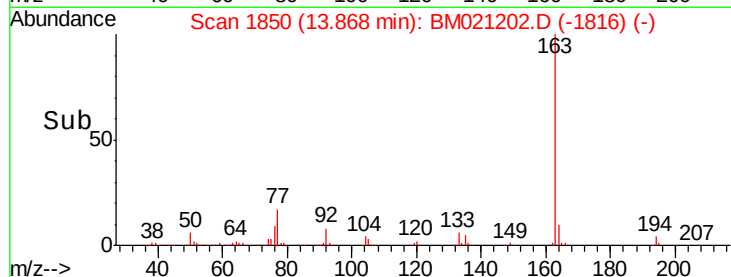
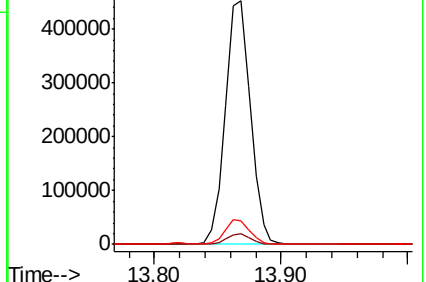
164 9.7 7.7 11.5



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



#76

Fluoranthene

Concen: 2.130 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

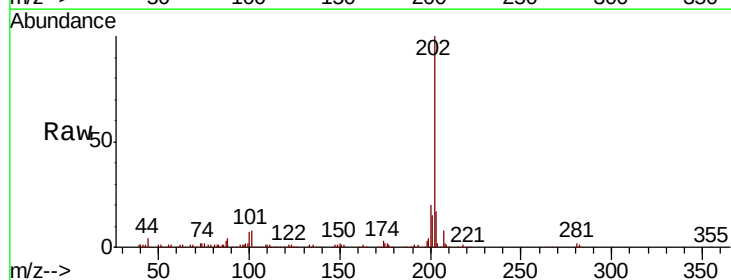
Tgt Ion:202 Resp: 203787

Ion Ratio Lower Upper

202 100

101 8.1 6.7 10.1

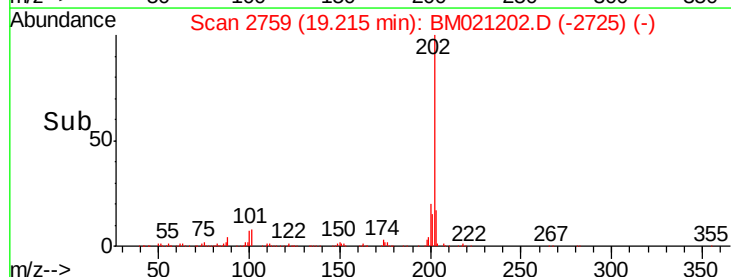
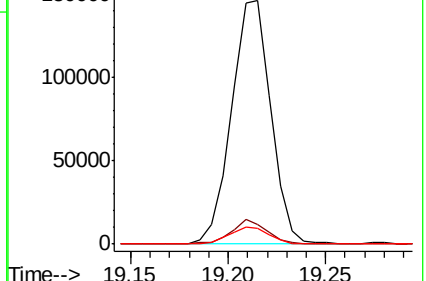
100 6.7 5.5 8.3

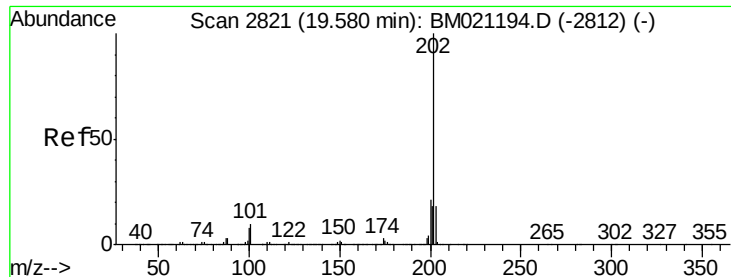


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

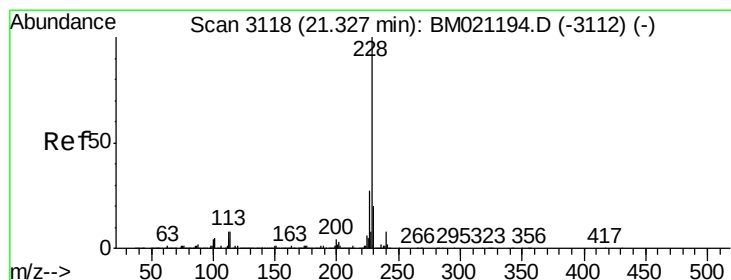
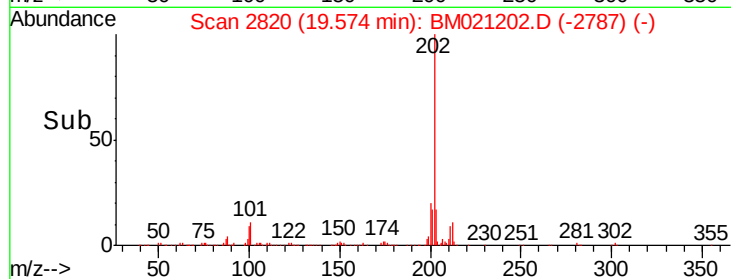
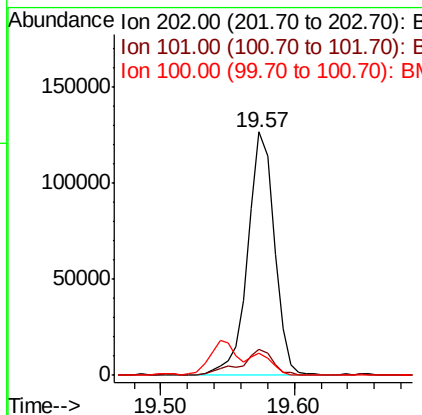
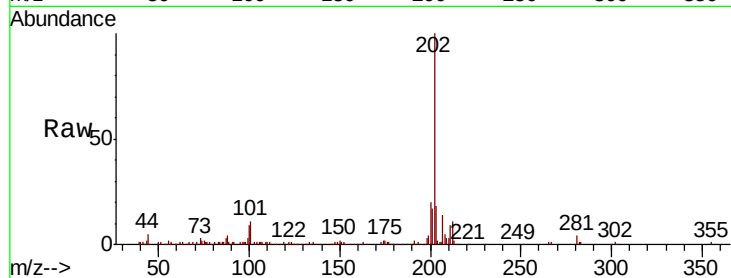




#79
 Pyrene
 Concen: 2.267 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021202.D
 Acq: 26 Jun 2019 21:19

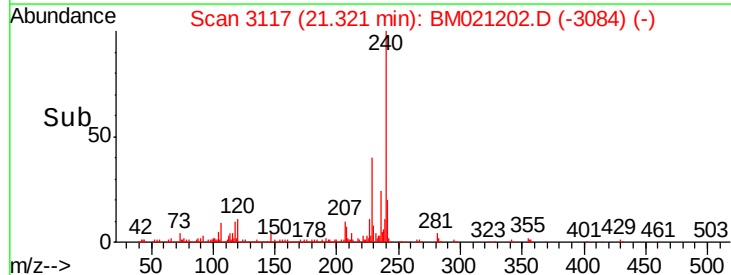
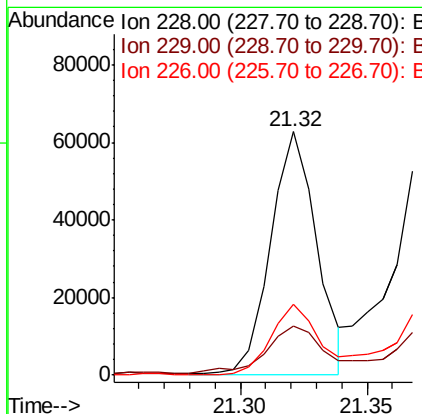
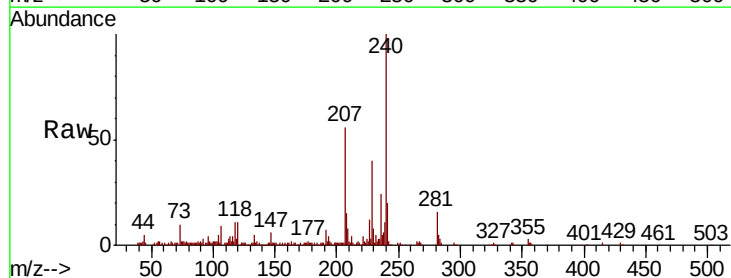
Instrument :
 BNA_M
 ClientSampleId :
 C5AD4

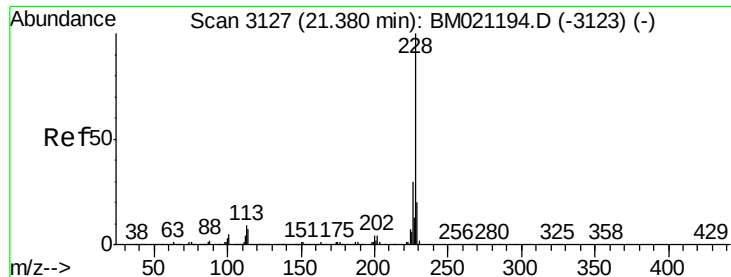
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	174853		
101	11.0		8.1	12.1
100	9.2		6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 1.074 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM021202.D
 Acq: 26 Jun 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	79891		
229	19.9		15.8	23.8
226	29.1		21.4	32.2





#84

Chrysene

Concen: 1.378 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

Instrument :

BNA_M

ClientSampleId :

C5AD4

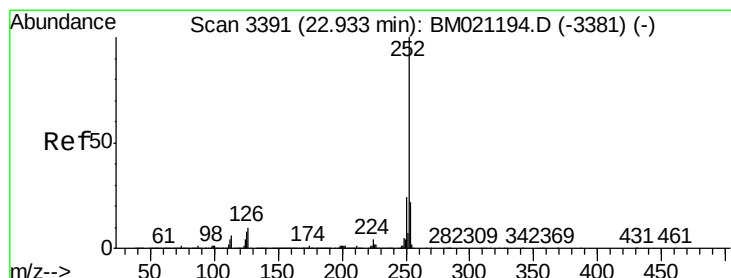
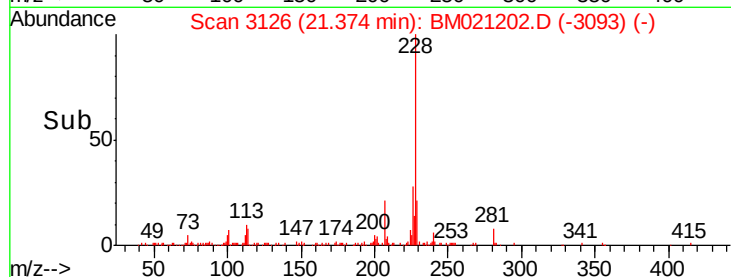
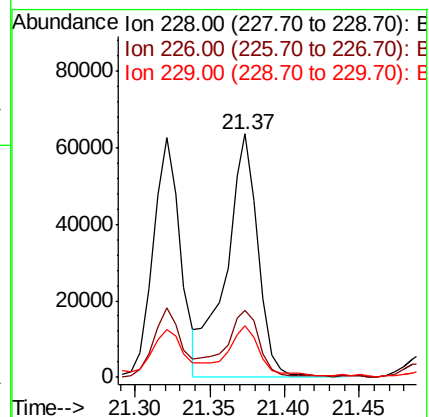
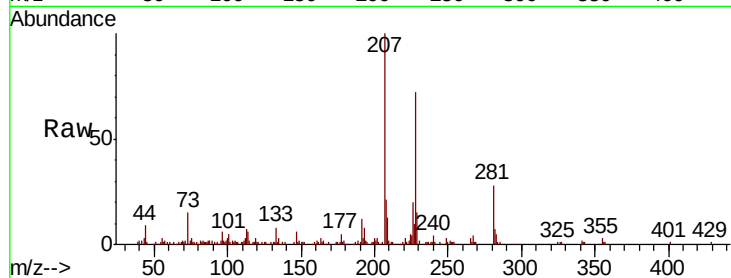
Tgt Ion:228 Resp: 96012

Ion Ratio Lower Upper

228 100

226 27.6 23.9 35.9

229 21.0 15.4 23.2



#87

Benzo(b)fluoranthene

Concen: 1.761 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

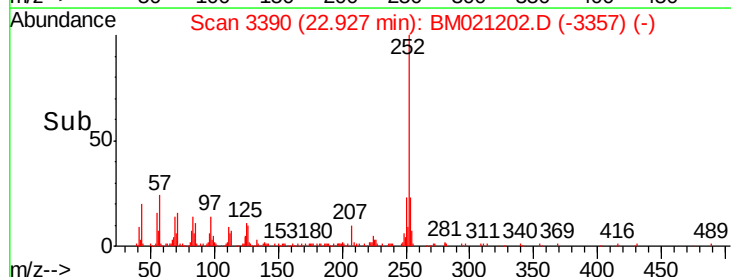
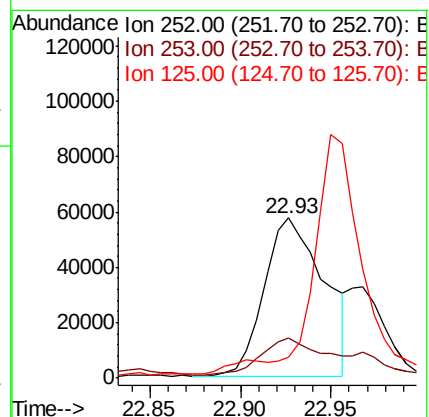
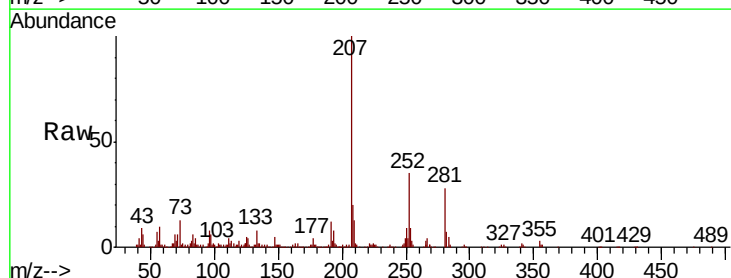
Tgt Ion:252 Resp: 132097

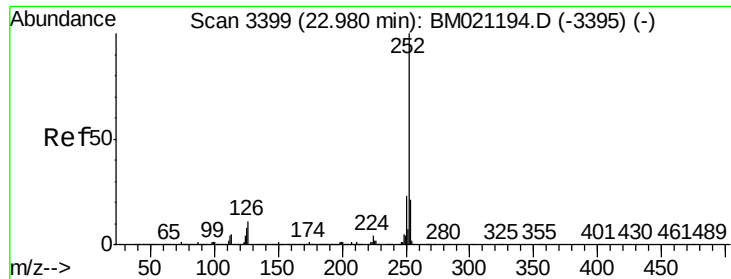
Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 13.2 6.3 9.5#





#88

Benzo(k)fluoranthene

Concen: 1.831 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

Instrument :

BNA_M

ClientSampleId :

C5AD4

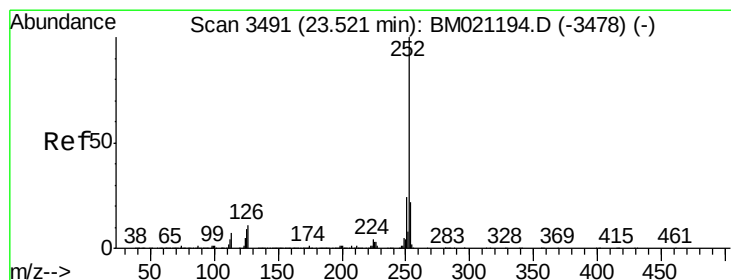
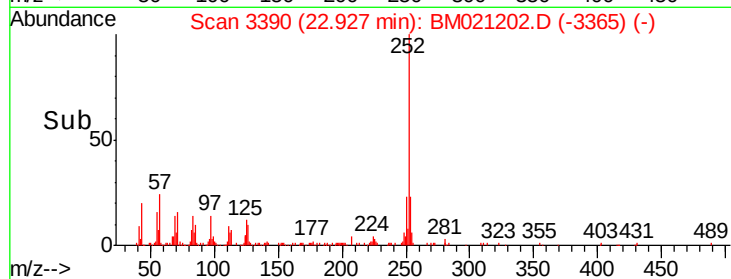
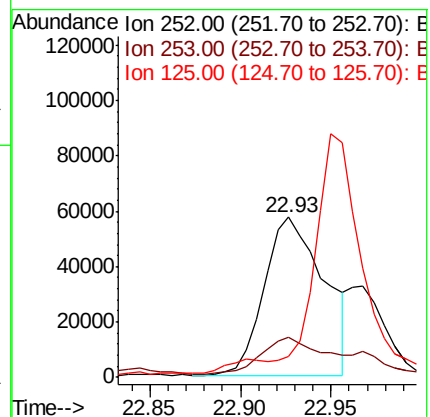
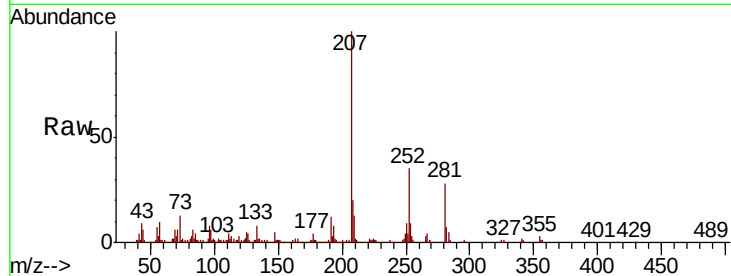
Tgt Ion:252 Resp: 132097

Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 13.2 6.6 9.8#



#90

Benzo(a)pyrene

Concen: 1.099 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021202.D

Acq: 26 Jun 2019 21:19

Tgt Ion:252 Resp: 77581

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 11.1 7.2 10.8#

