

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
 Data File : BM021195.D
 Acq On : 26 Jun 2019 17:04
 Operator : HP/JU
 Sample : K3501-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C7AB8

Quant Time: Jun 26 17:59:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	288145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1272333	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	801210	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1663283	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1188007	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1370297	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18176	3.00	ng/uL	0.00
5) Phenol-d5	6.93	99	422217	16.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	261110	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	356114	17.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	300995	14.38	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	193350	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	228175	19.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	450372	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	396212	16.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1513128	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1739613	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	131473	11.16	ng/ul	0.00
57) Fluorene-d10	15.40	176	1281298	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	139230	13.62	ng/ul	0.00
70) Anthracene-d10	17.25	188	1750678	20.25	ng/ul	0.00
78) Pyrene-d10	19.55	212	1567921	21.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	1580831	19.55	ng/ul	0.00

Target Compounds

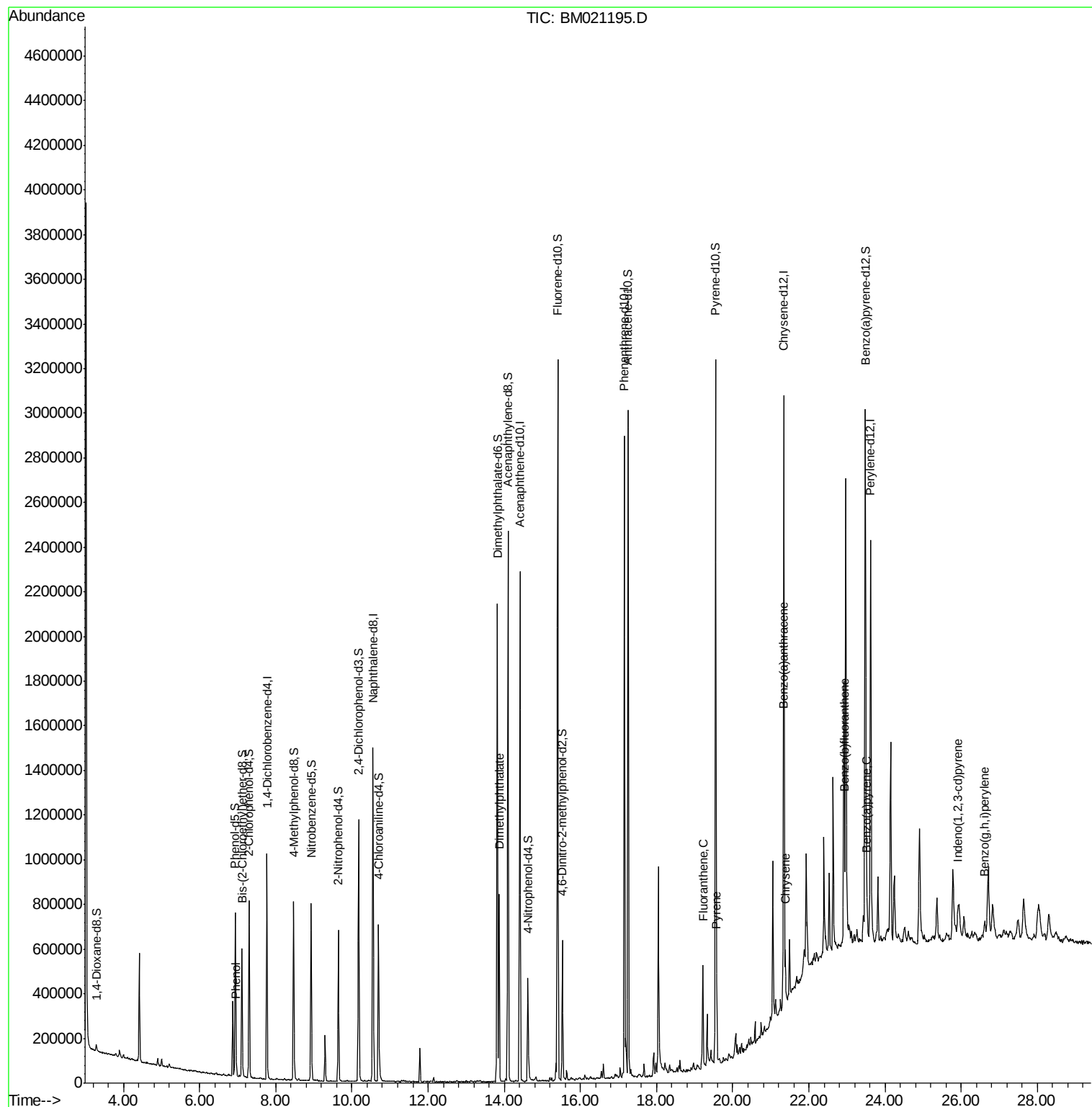
					Ovalue
6) Phenol	6.96	94	34131	1.439 ng/ul	97
44) Dimethylphthalate	13.87	163	558519	8.475 ng/ul	99
76) Fluoranthene	19.22	202	253704	2.553 ng/ul	99
79) Pyrene	19.58	202	217056	2.584 ng/ul	99
82) Benzo(a)anthracene	21.33	228	117884	1.455 ng/ul	98
84) Chrysene	21.38	228	132044	1.741 ng/ul	97
87) Benzo(b)fluoranthene	22.94	252	207479	2.390 ng/ul#	95
90) Benzo(a)pyrene	23.53	252	129290	1.583 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.91	276	104022	1.081 ng/ul	96
93) Benzo(a,h,i)perylene	26.62	276	80905	1.021 ng/ul	97

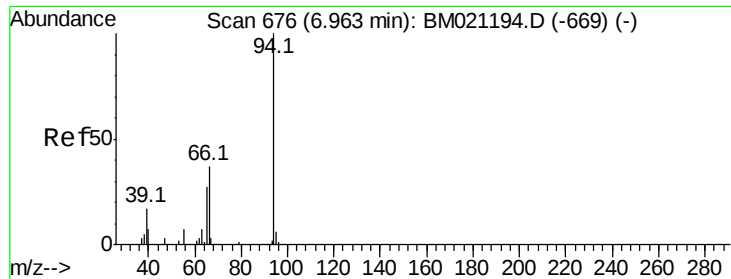
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.439 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM021195.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

C7AB8

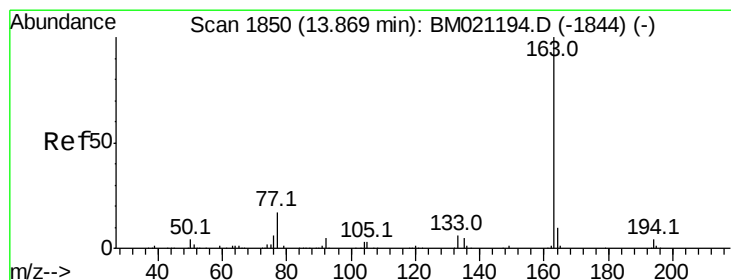
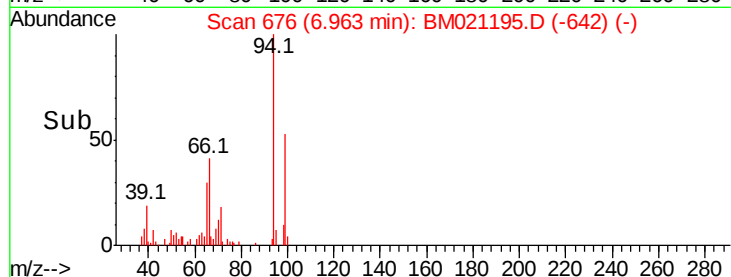
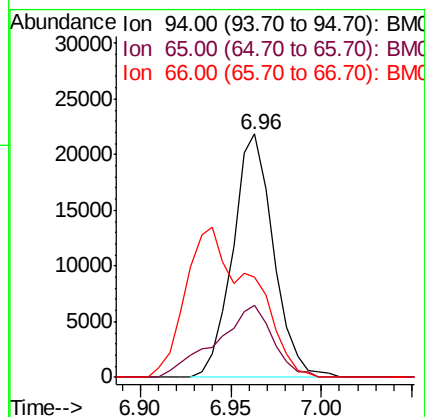
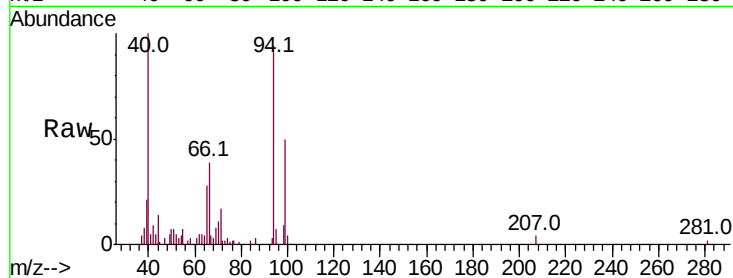
Tot Ion: 94 Resp: 34131

Ion Ratio Lower Upper

94 100

65 29.6 22.6 34.0

66 41.2 31.2 46.8



#44

Dimethylphthalate

Concen: 8.475 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021195.D

Acq: 26 Jun 2019 17:04

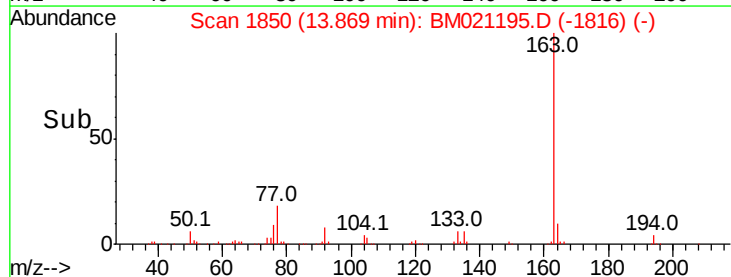
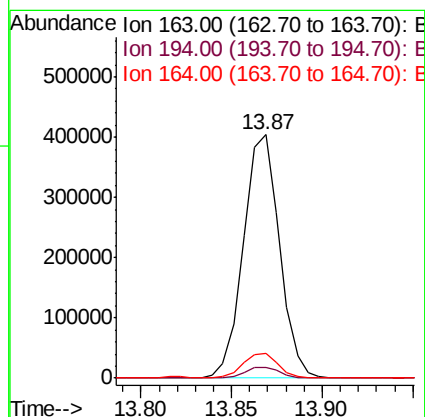
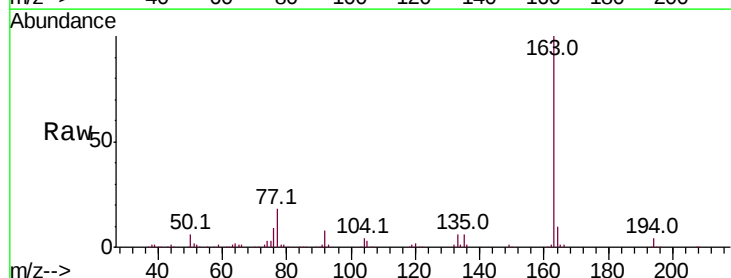
Tgt Ion: 163 Resp: 558519

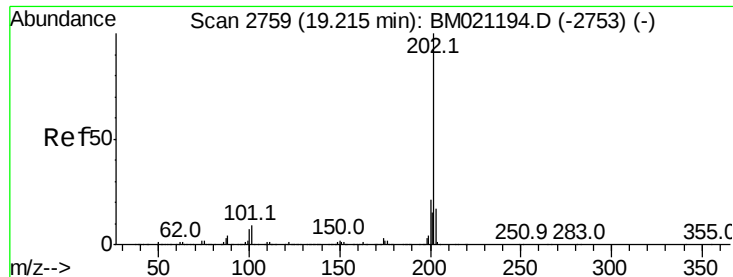
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.0 7.7 11.5

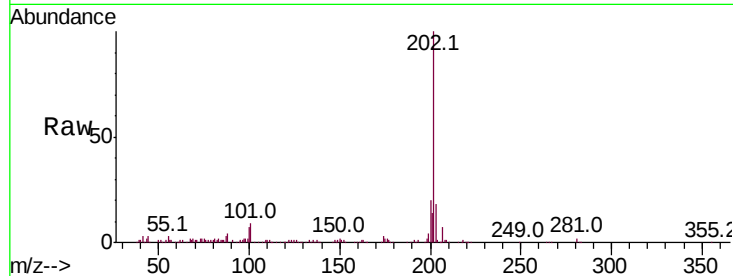




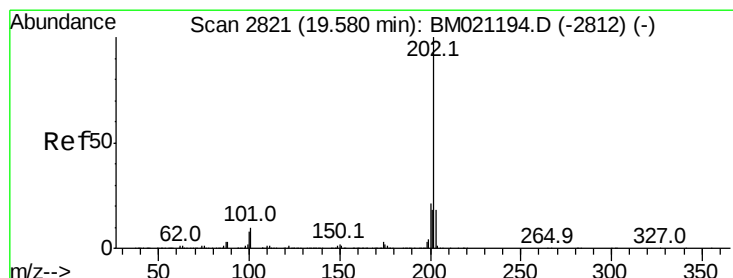
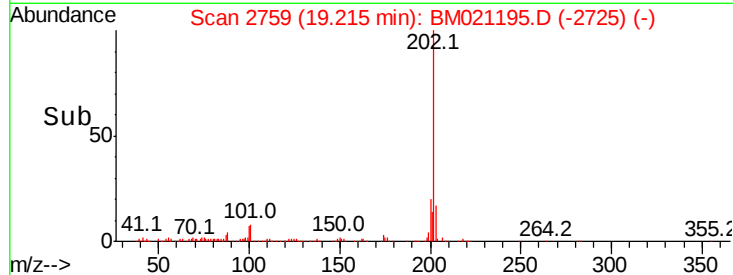
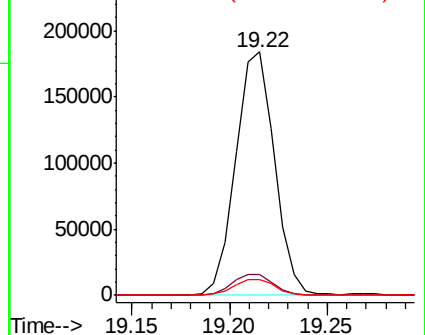
#76
Fluoranthene
Concen: 2.553 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM021195.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_M
ClientSampleId :
C7AB8

Tot Ion:	202	Resp:	253704
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
100	6.6	5.5	8.3

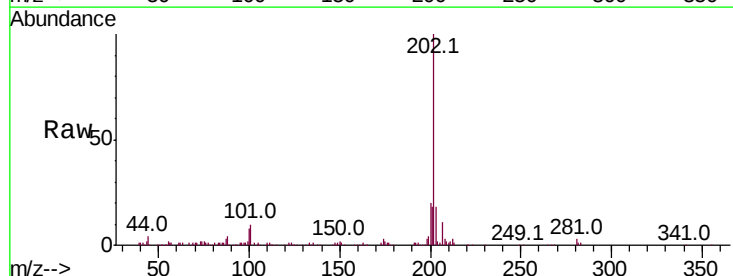


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

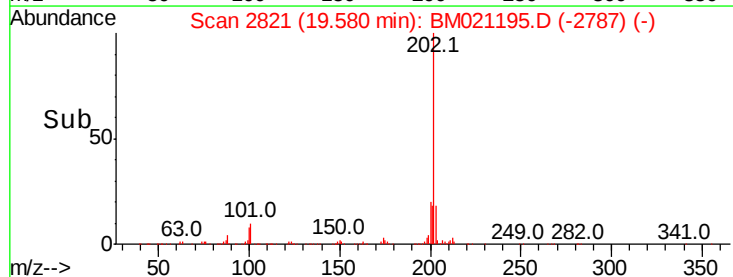
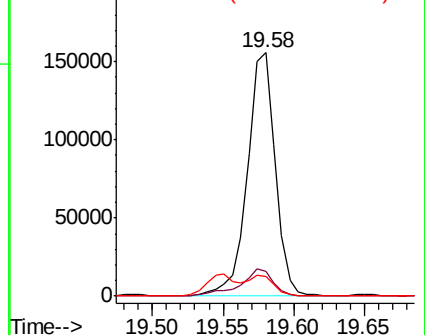


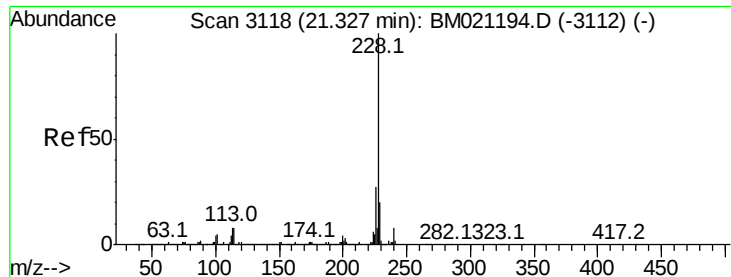
#79
Pyrene
Concen: 2.584 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM021195.D
Acq: 26 Jun 2019 17:04

Tgt Ion:	202	Resp:	217056
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	7.9	6.6	10.0



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





#82

Benzo(a)anthracene

Concen: 1.455 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM021195.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

C7AB8

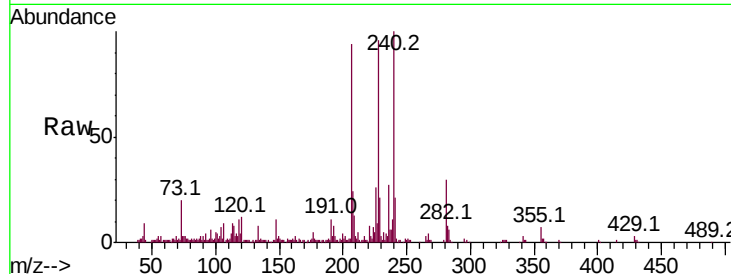
Tot Ion:228 Resp: 117884

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.8

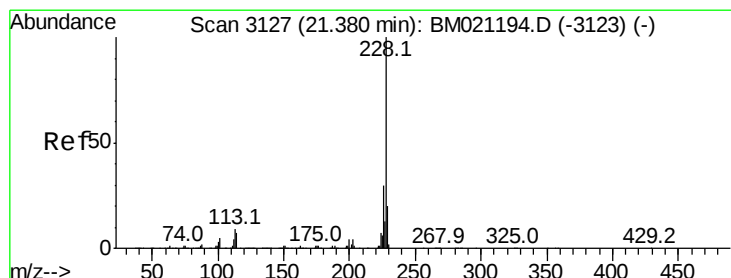
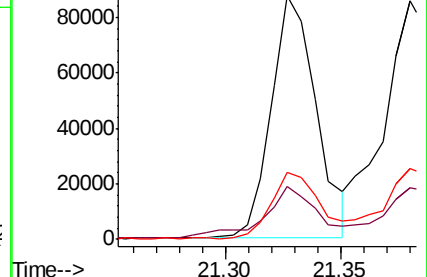
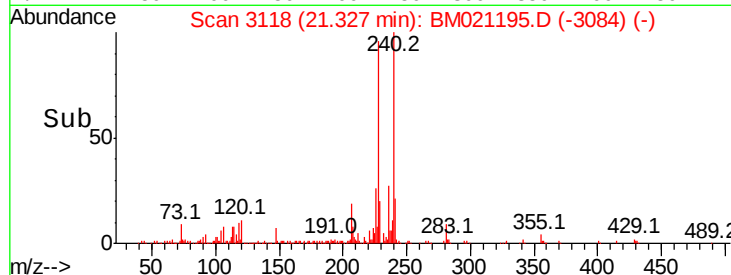
226 27.3 21.4 32.2



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



#84

Chrysene

Concen: 1.741 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM021195.D

Acq: 26 Jun 2019 17:04

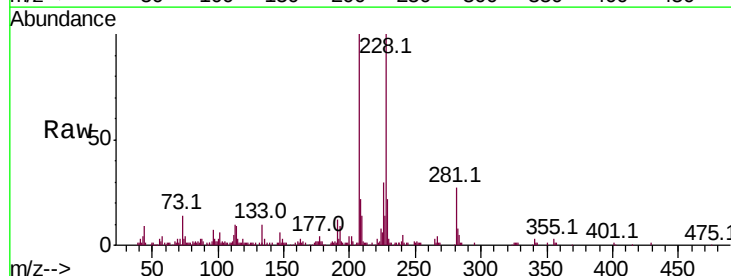
Tgt Ion:228 Resp: 132044

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

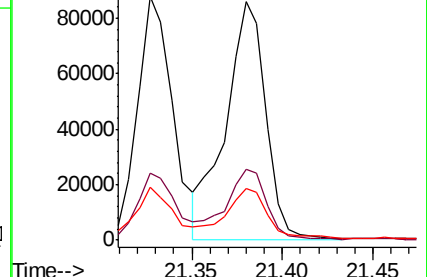
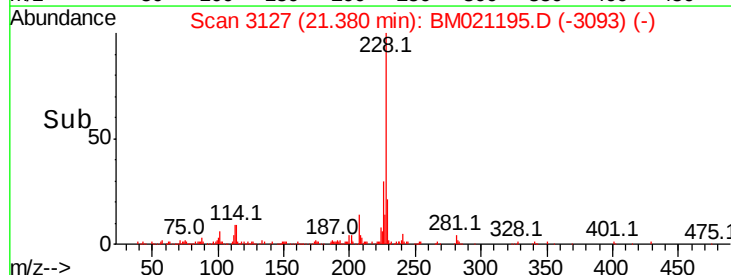
229 21.9 15.4 23.2

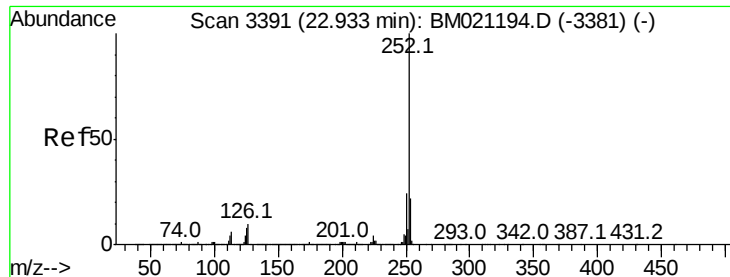


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 2.390 ng/ul

RT: 22.94 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BM021195.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_M

ClientSampleId :

C7AB8

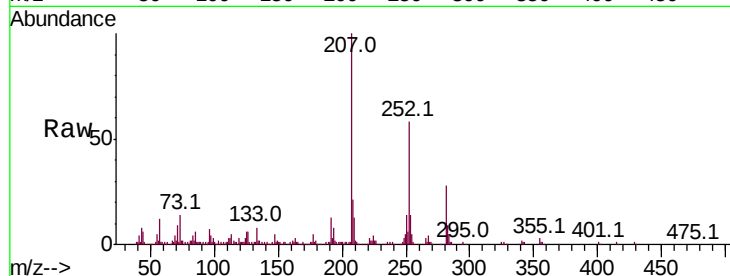
Tot Ion:252 Resp: 207479

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 10.2 6.3 9.5#

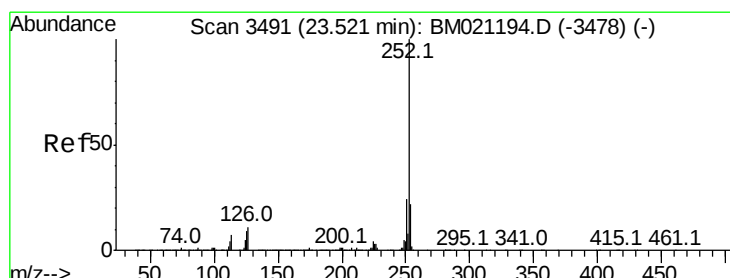
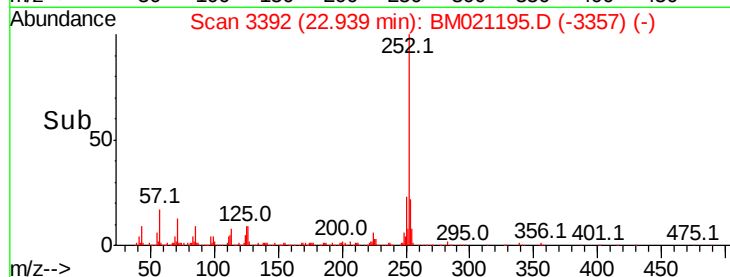
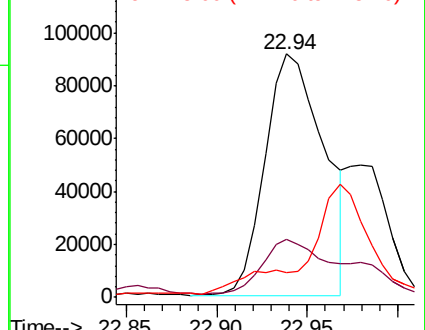


Abundance

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



#90

Benzo(a)pyrene

Concen: 1.583 ng/ul

RT: 23.53 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM021195.D

Acq: 26 Jun 2019 17:04

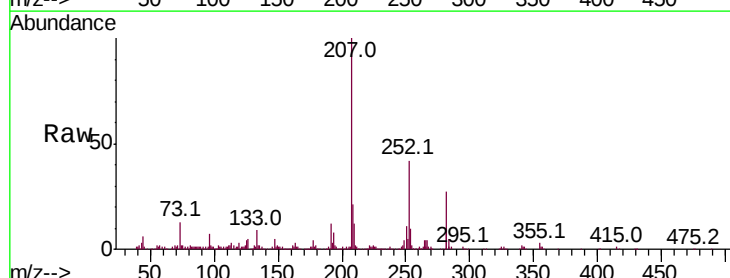
Tgt Ion:252 Resp: 129290

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 10.6 7.2 10.8

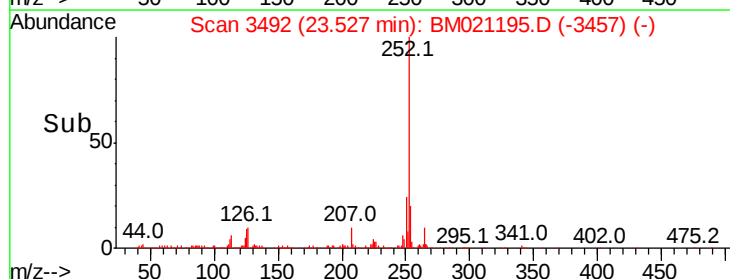
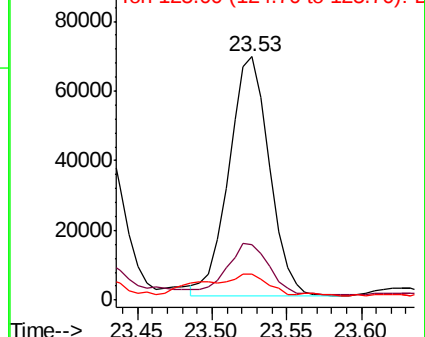


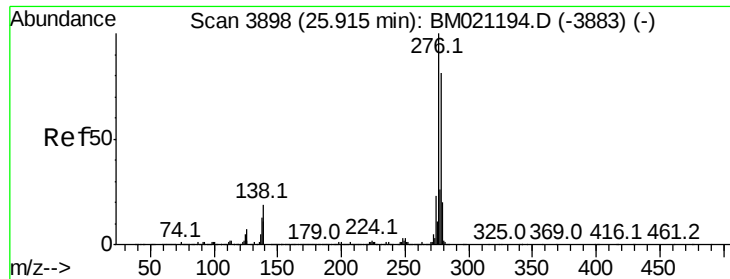
Abundance

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



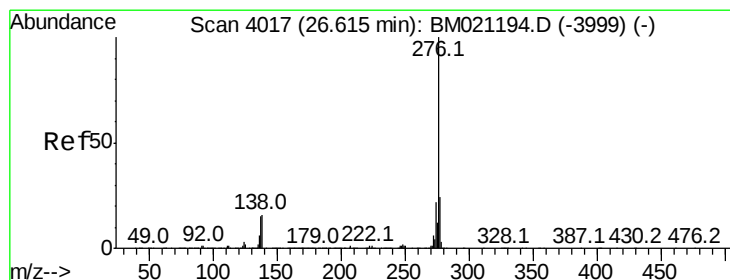
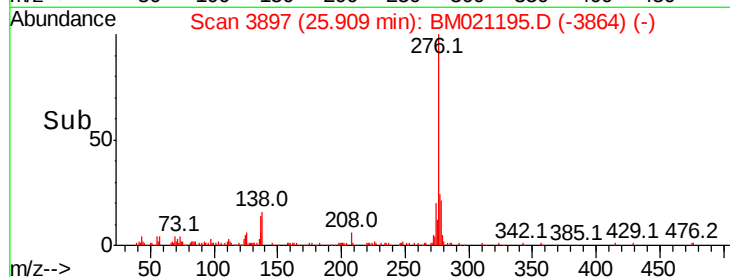
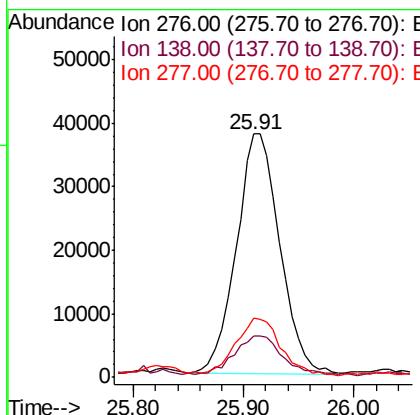
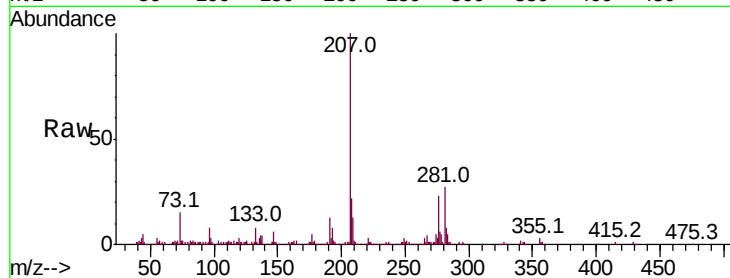


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.081 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM021195.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_M
ClientSampled :
C7AB8

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.9	23.9
277	24.2	20.4	30.6



#93

Benzo(g,h,i)perylene
Concen: 1.021 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. -0.00 min
Lab File: BM021195.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.6	21.8
277	22.0	18.9	28.3

