

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021265.D
 Acq On : 29 Jun 2019 17:03
 Operator : HP/JU
 Sample : K3593-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD6

Quant Time: Jun 29 22:20:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	289228	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1255950	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	761013	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1567205	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1197597	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1404281	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21102	3.46	ng/uL	0.00
5) Phenol-d5	6.93	99	558319	22.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	332824	22.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	466000	22.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	501369	23.86	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	255579	25.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	302914	26.76	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	580196	25.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	257175	10.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1837588	26.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2143117	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	229376	20.51	ng/ul	0.00
57) Fluorene-d10	15.39	176	1543506	25.81	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	189831	19.70	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2091119	25.68	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1961459	27.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2071922	25.01	ng/ul	-0.01

Target Compounds

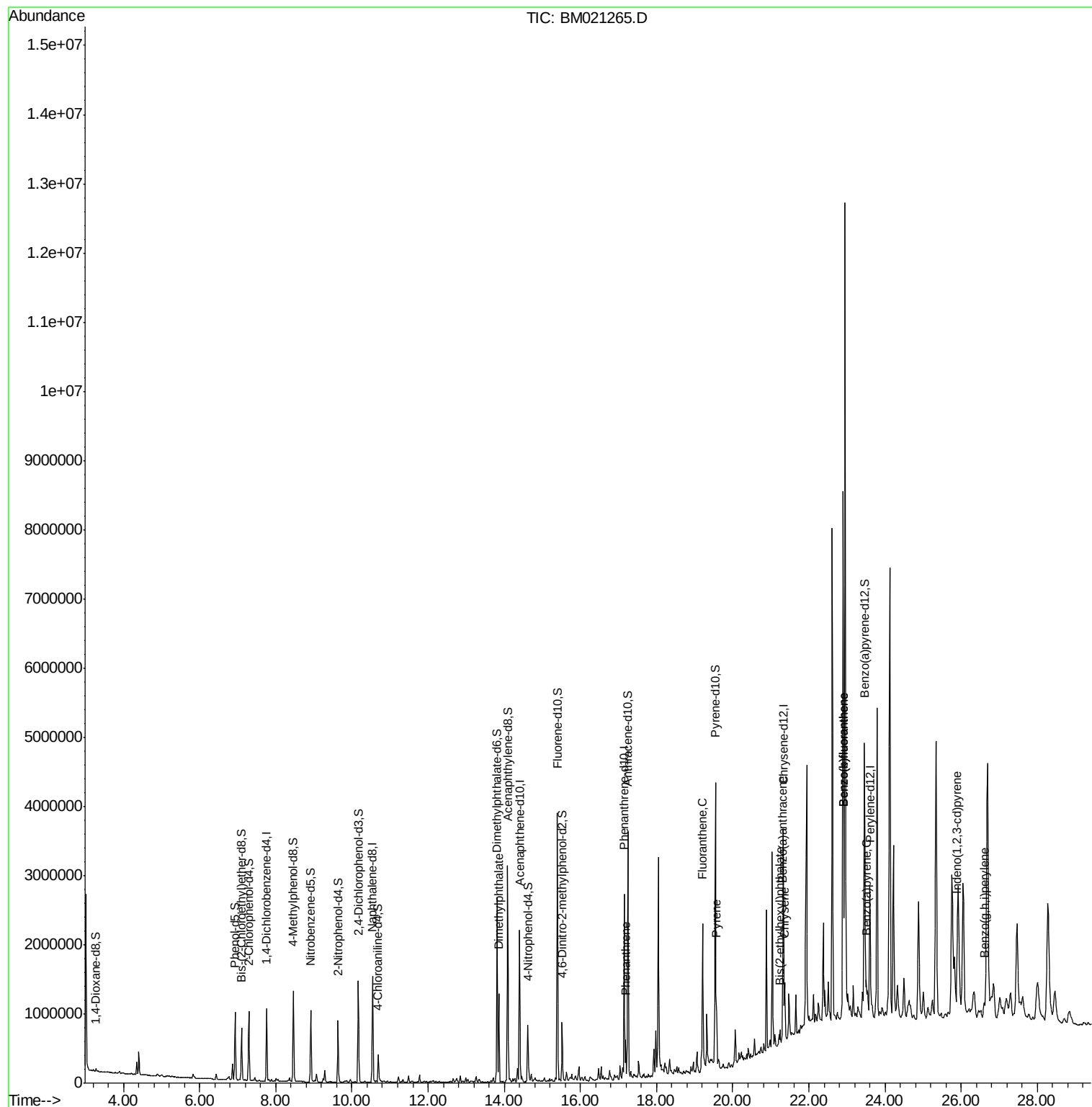
					Qvalue
44) Dimethylphthalate	13.86	163	843183	13.470	ng/ul 100
69) Phenanthrene	17.19	178	310399	3.581	ng/ul 98
76) Fluoranthene	19.20	202	870083	9.291	ng/ul 98
79) Pyrene	19.57	202	718938	8.492	ng/ul 100
82) Benzo(a)anthracene	21.32	228	381636	4.674	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.24	149	70573	1.582	ng/ul 99
84) Chrysene	21.37	228	431437	5.642	ng/ul 98
87) Benzo(b)fluoranthene	22.92	252	692464	7.785	ng/ul# 98
88) Benzo(k)fluoranthene	22.92	252	692464	8.092	ng/ul# 98
90) Benzo(a)pyrene	23.50	252	397297	4.745	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.89	276	326797	3.315	ng/ul 97
93) Benzo(g,h,i)perylene	26.60	276	263542	3.246	ng/ul 94

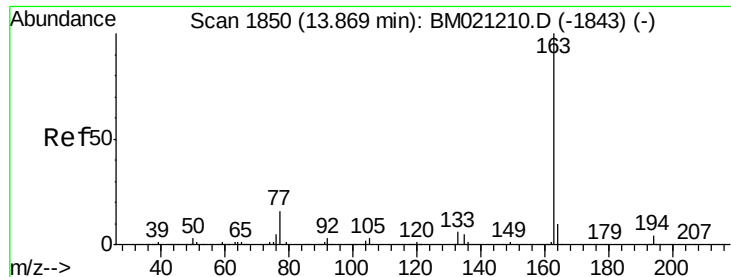
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 13.470 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

Instrument :

BNA_M

ClientSampleId :

C5BD6

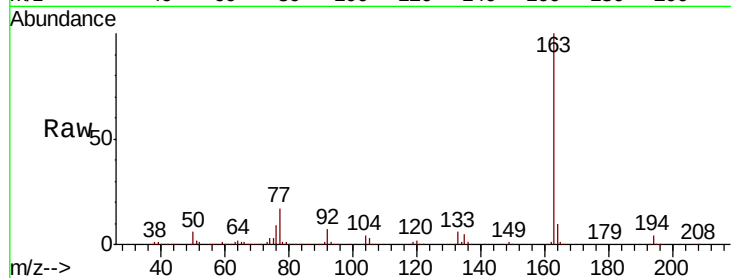
Tgt Ion:163 Resp: 843183

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

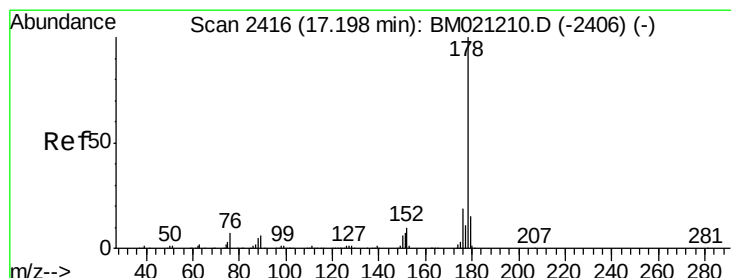
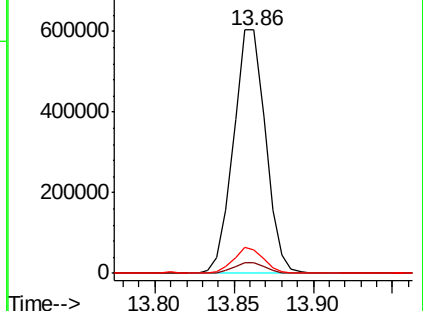
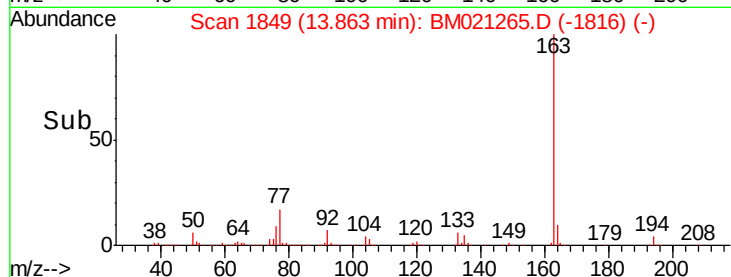
164 9.8 7.7 11.5



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



#69

Phenanthrene

Concen: 3.581 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

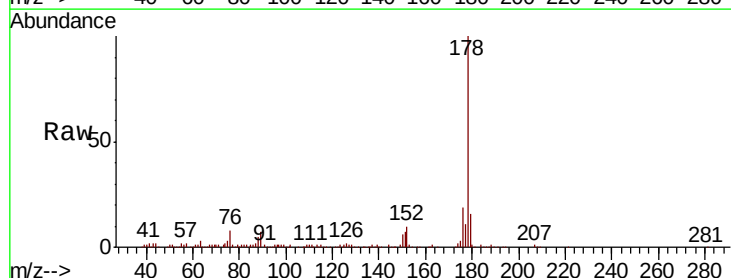
Tgt Ion:178 Resp: 310399

Ion Ratio Lower Upper

178 100

179 15.9 11.8 17.8

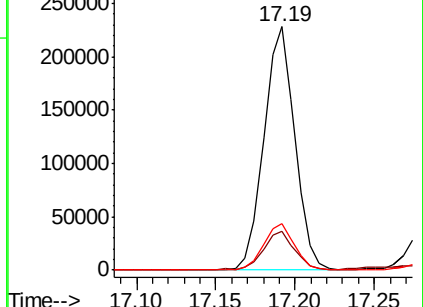
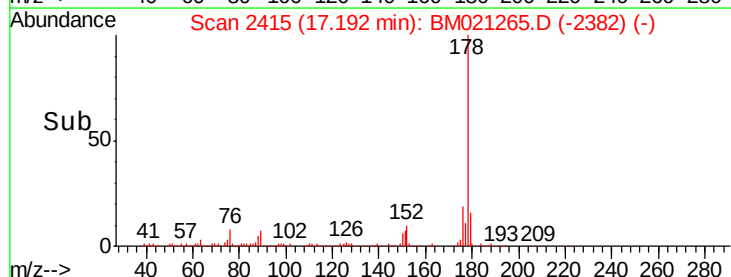
176 19.3 15.0 22.6

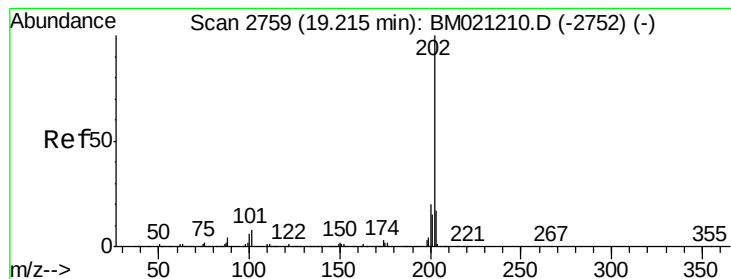


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 9.291 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

Instrument :

BNA_M

ClientSampleId :

C5BD6

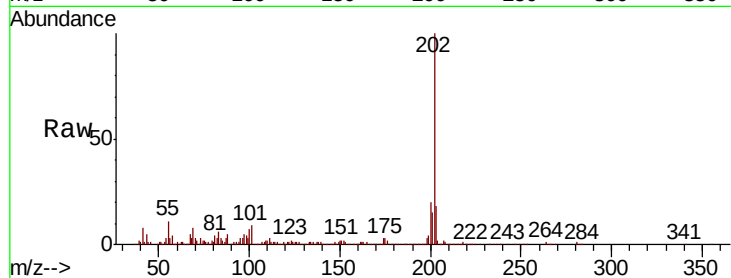
Tgt Ion:202 Resp: 870083

Ion Ratio Lower Upper

202 100

101 9.4 6.7 10.1

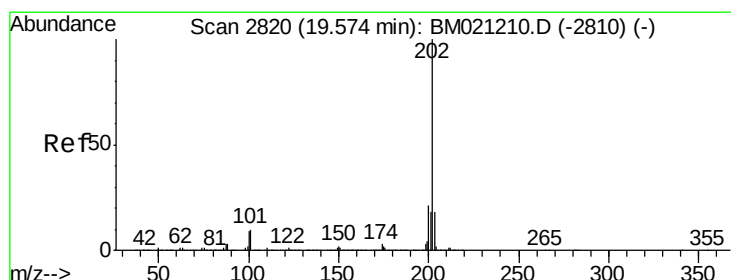
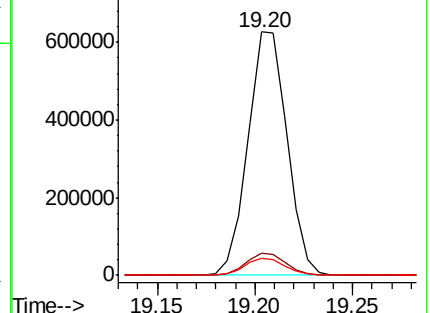
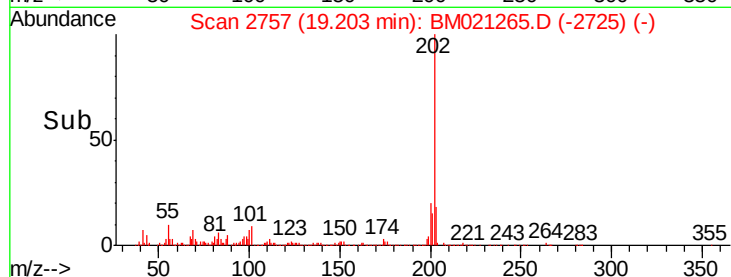
100 7.2 5.5 8.3



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: 8.492 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

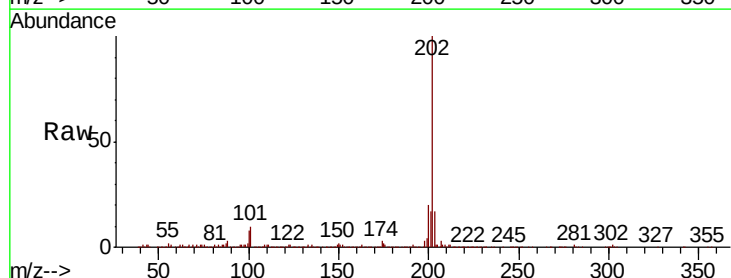
Tgt Ion:202 Resp: 718938

Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

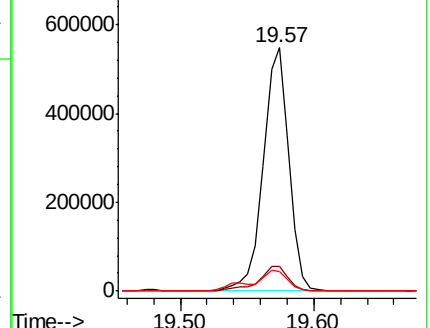
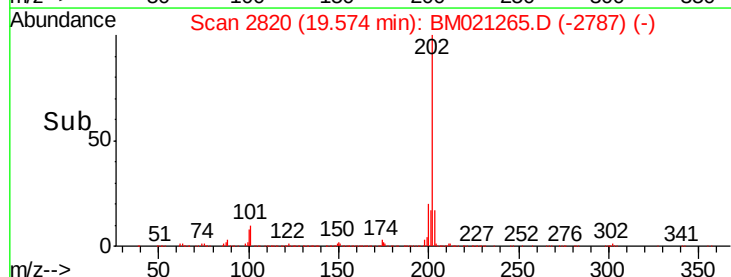
100 8.3 6.6 10.0

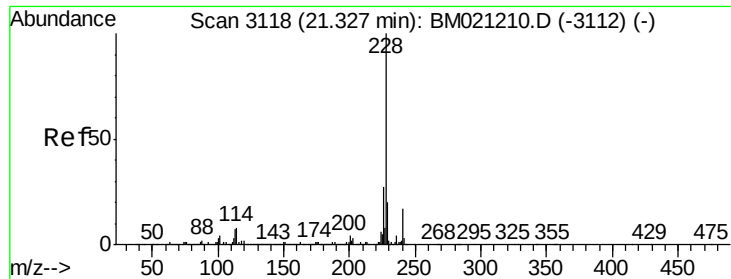


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 4.674 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

Instrument :

BNA_M

ClientSampleId :

C5BD6

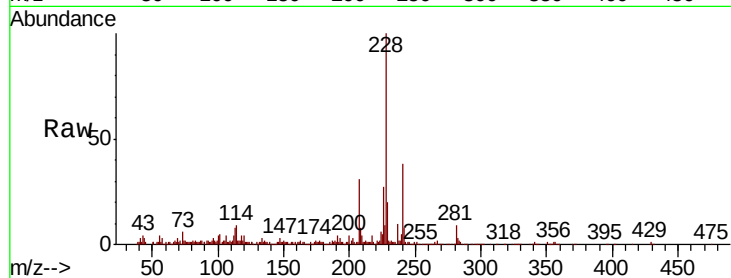
Tgt Ion:228 Resp: 381636

Ion Ratio Lower Upper

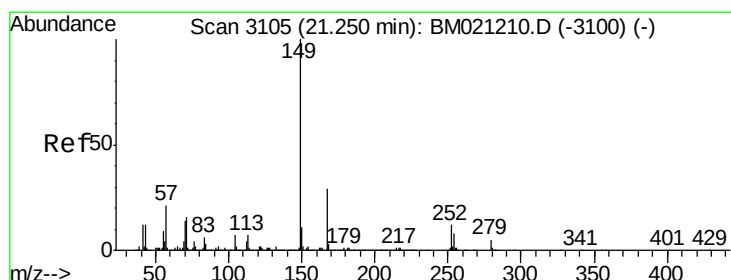
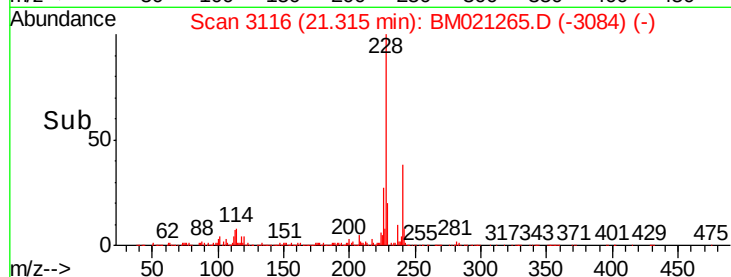
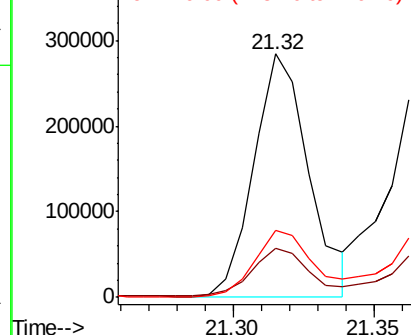
228 100

229 20.2 15.8 23.8

226 27.4 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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.582 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

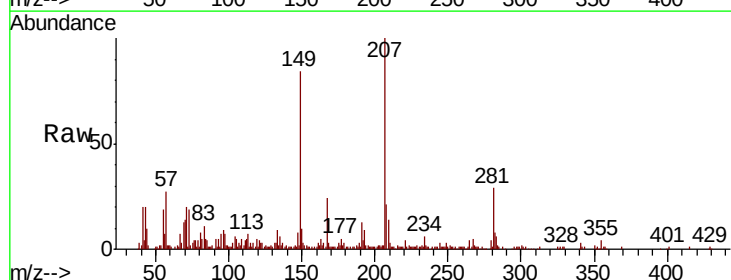
Tgt Ion:149 Resp: 70573

Ion Ratio Lower Upper

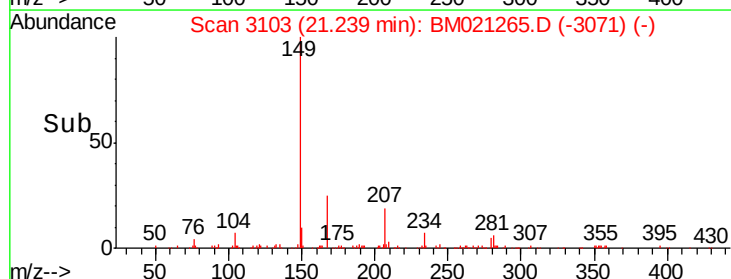
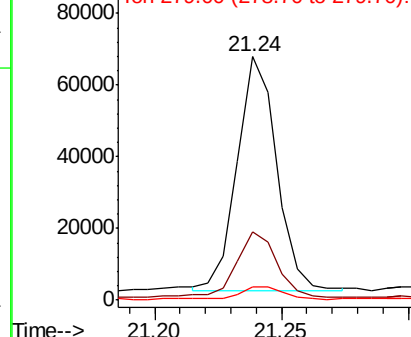
149 100

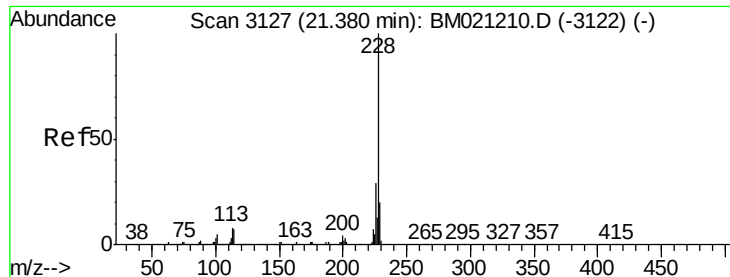
167 28.3 22.3 33.5

279 5.3 3.8 5.6



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





#84

Chrysene

Concen: 5.642 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

Instrument :

BNA_M

ClientSampleId :

C5BD6

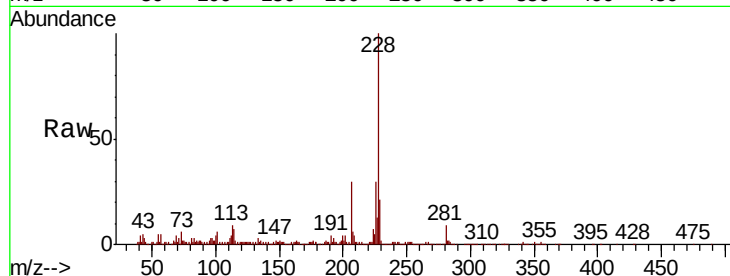
Tgt Ion:228 Resp: 431437

Ion Ratio Lower Upper

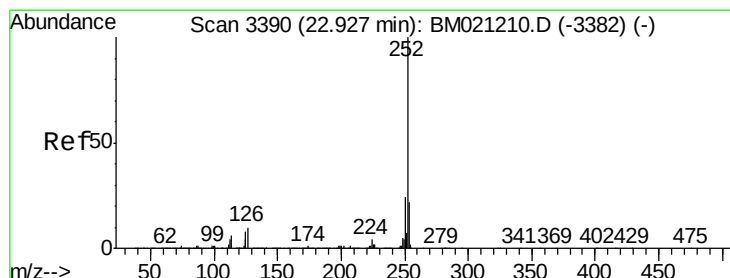
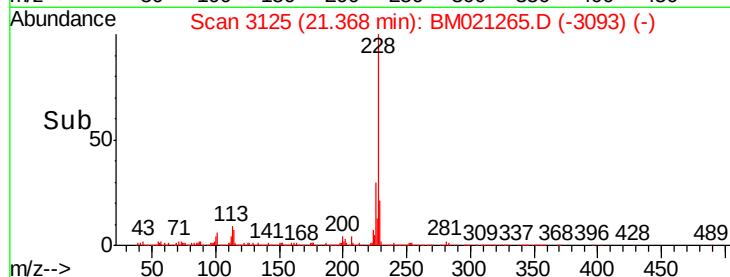
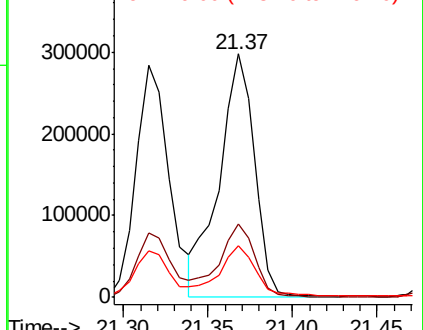
228 100

226 30.1 23.9 35.9

229 21.1 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: 7.785 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

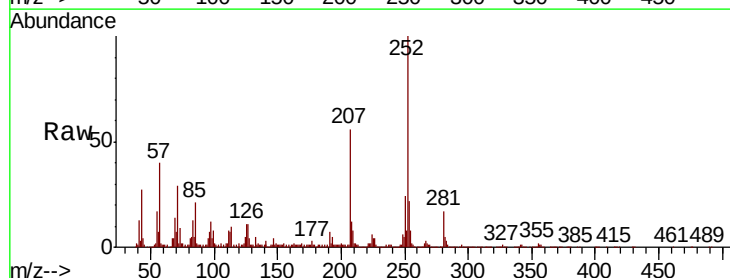
Tgt Ion:252 Resp: 692464

Ion Ratio Lower Upper

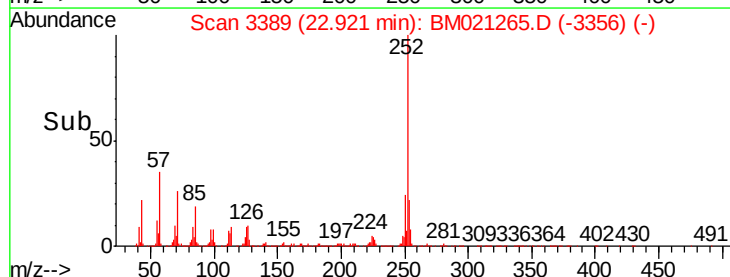
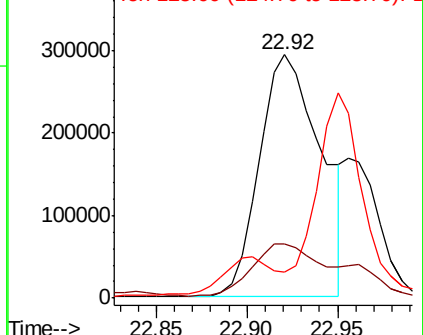
252 100

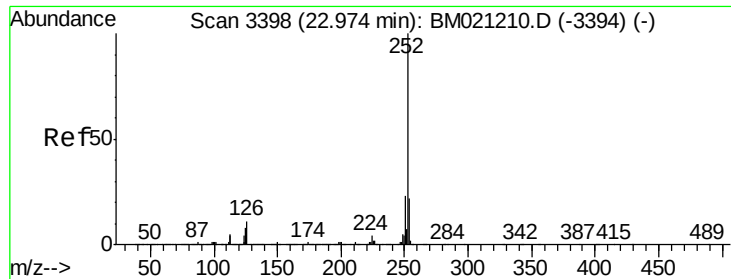
253 22.2 17.5 26.3

125 10.5 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





#88

Benzo(k)fluoranthene

Concen: 8.092 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.05 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

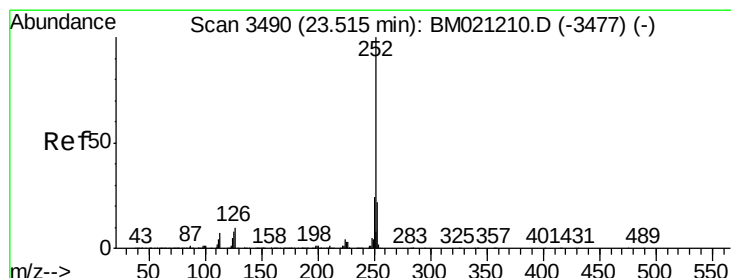
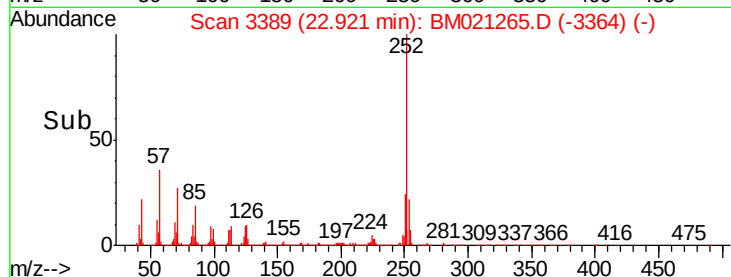
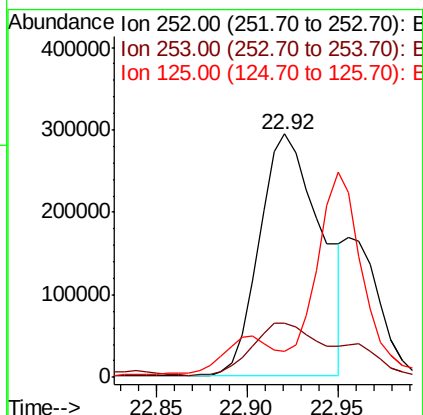
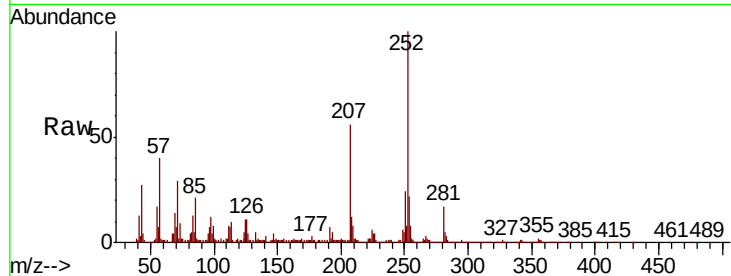
Instrument :

BNA_M

ClientSampleId :

C5BD6

Tgt Ion:	252	Resp:	692464
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	10.5	6.6	9.8#



#90

Benzo(a)pyrene

Concen: 4.745 ng/ul

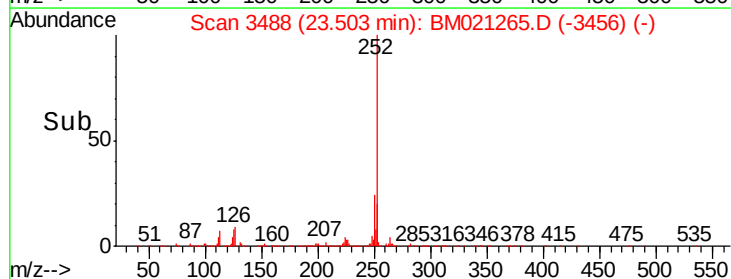
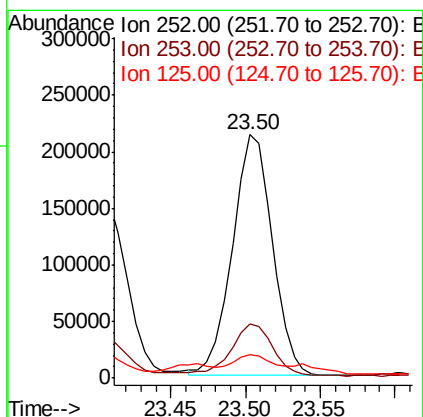
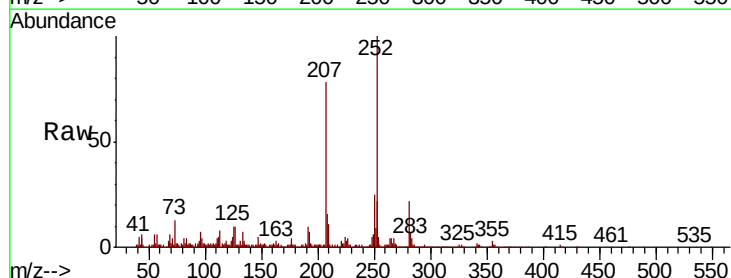
RT: 23.50 min Scan# 3488

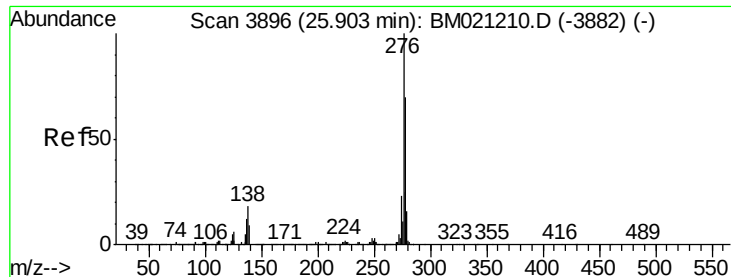
Delta R.T. -0.01 min

Lab File: BM021265.D

Acq: 29 Jun 2019 17:03

Tgt Ion:	252	Resp:	397297
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	9.8	7.2	10.8



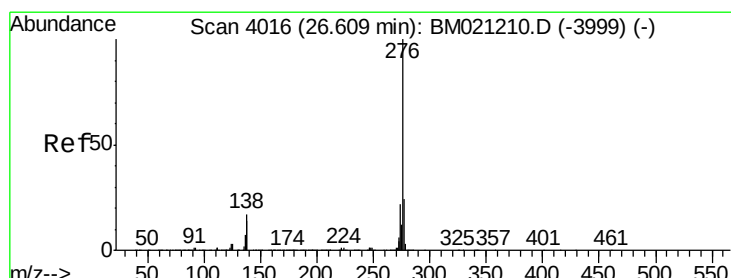
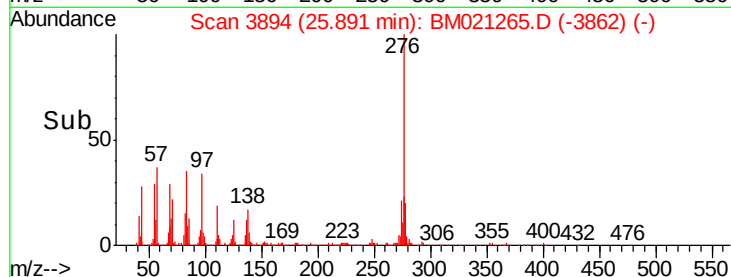
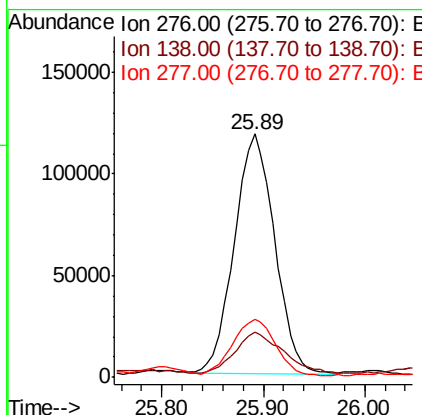
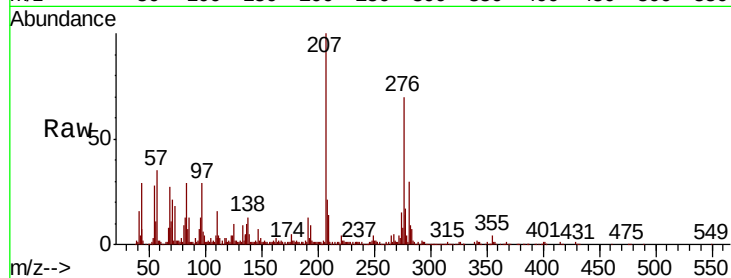


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.315 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021265.D
Acq: 29 Jun 2019 17:03

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.9	23.9
277	23.8	20.4	30.6



#93

Benzo(g,h,i)perylene
Concen: 3.246 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM021265.D
Acq: 29 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	14.6	21.8
277	26.7	18.9	28.3

