

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021656.D
 Acq On : 26 Jul 2019 03:44
 Operator : HP/JU
 Sample : K3893-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 05:46:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	129268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	609335	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	448685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1084164	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1262240	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1293033	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	8673	3.66	ng/uL	0.00
5) Phenol-d5	6.87	99	174259	15.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	114451	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	156425	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	133454	14.25	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	86891	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	96160	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	192877	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	182510	17.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	693430	18.04	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	785951	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	43514	6.60	ng/ul	0.01
57) Fluorene-d10	15.34	176	651989	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40575	5.98	ng/ul	0.00
70) Anthracene-d10	17.19	188	1109362	20.80	ng/ul	0.00
78) Pyrene-d10	19.49	212	1377729	22.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1382867	20.03	ng/ul	-0.01

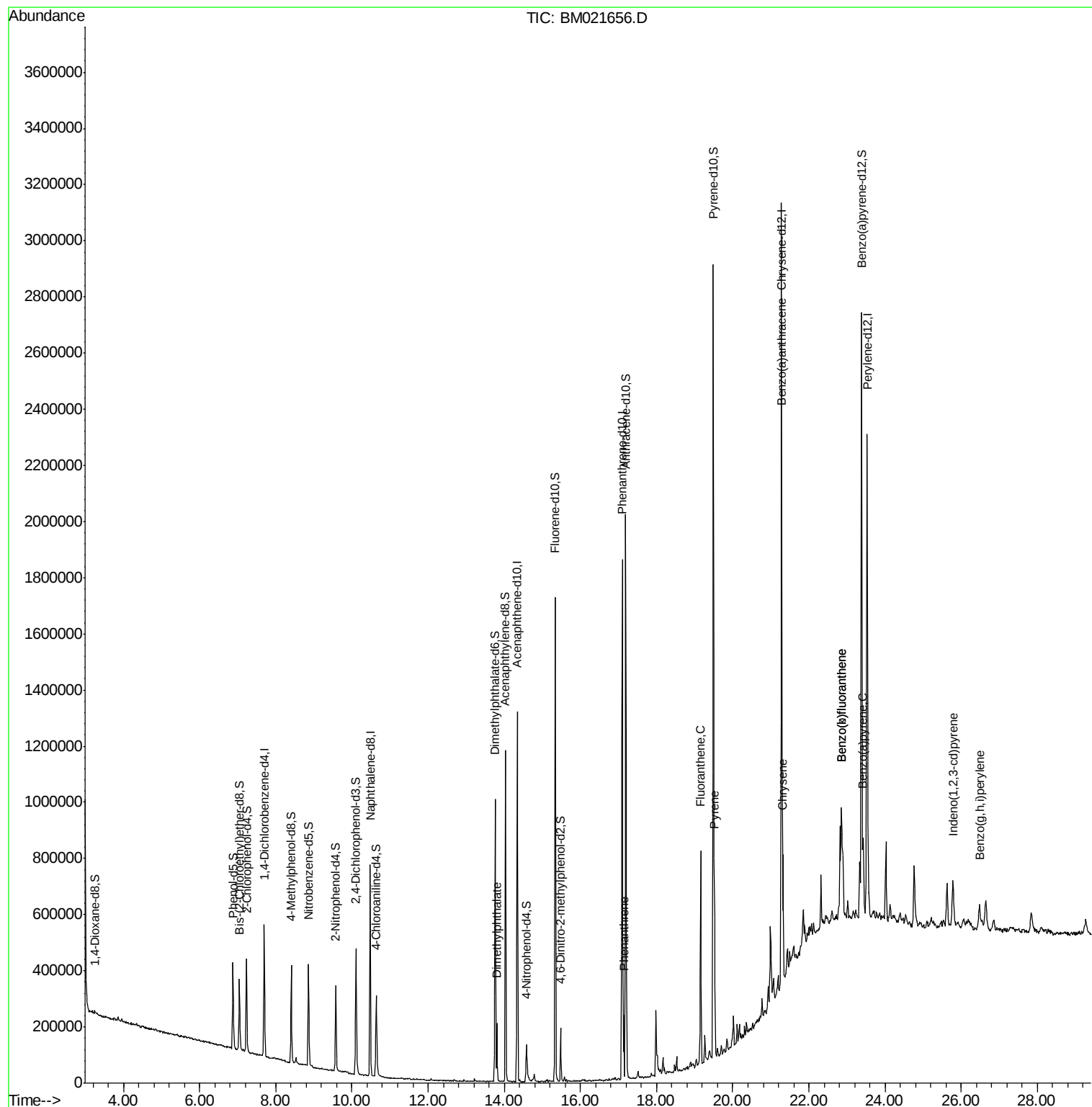
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.81	163	132990	3.603	ng/ul	98
69) Phenanthrene	17.13	178	134636	2.276	ng/ul	99
76) Fluoranthene	19.16	202	433840	5.916	ng/ul	100
79) Pyrene	19.52	202	378498	5.034	ng/ul	99
82) Benzo(a)anthracene	21.27	228	205785	2.487	ng/ul	99
84) Chrysene	21.32	228	254486	3.225	ng/ul	98
87) Benzo(b)fluoranthene	22.86	252	361375	4.623	ng/ul	98
88) Benzo(k)fluoranthene	22.86	252	361375	4.712	ng/ul	99
90) Benzo(a)pyrene	23.43	252	196652	2.620	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.78	276	136437	1.497	ng/ul	96
93) Benzo(g,h,i)perylene	26.48	276	107731	1.459	ng/ul	98

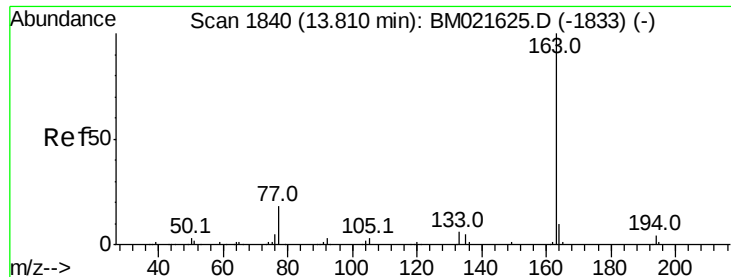
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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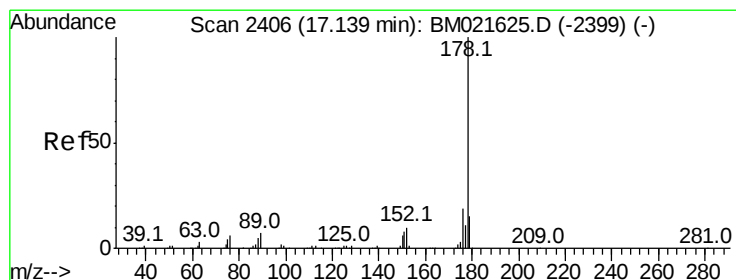
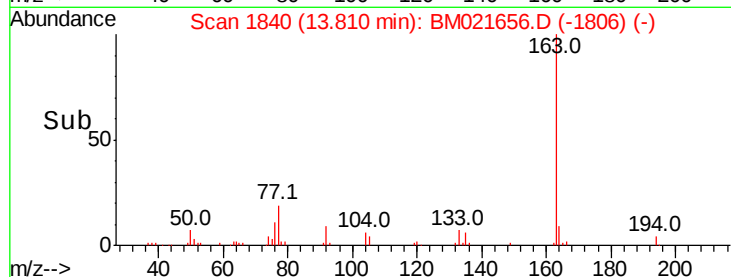
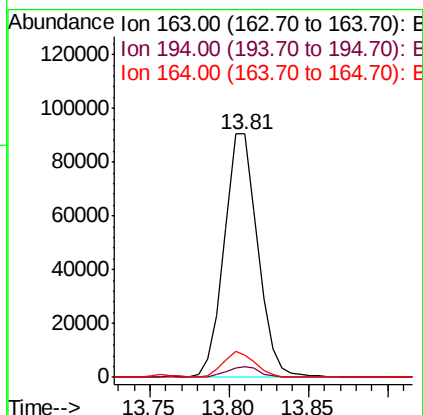
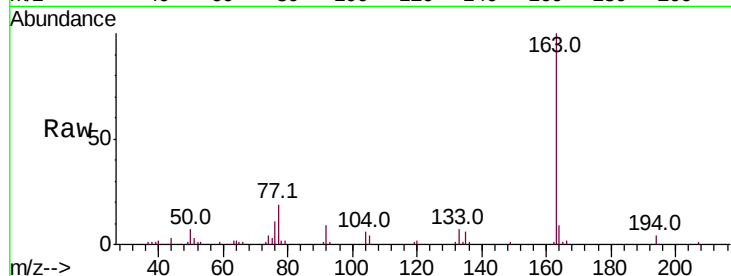




#44
Dimethylphthalate
Concen: 3.603 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

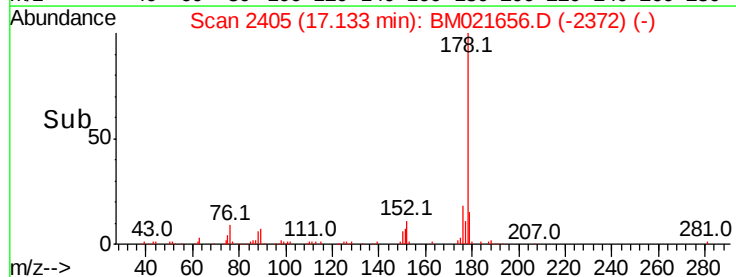
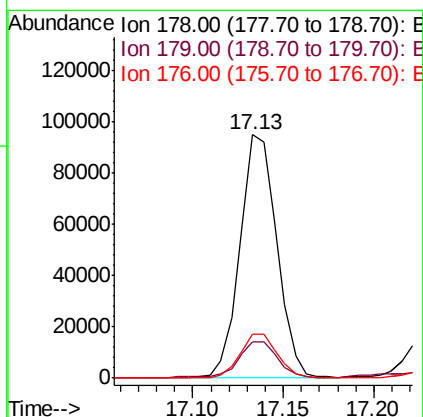
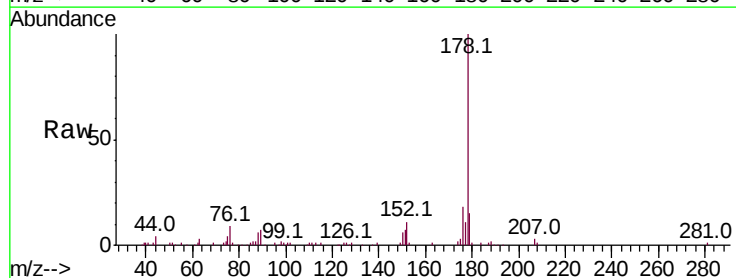
Instrument :
BNA_M
ClientSampleId :

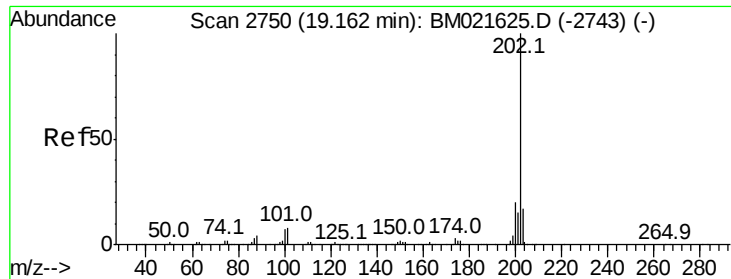
Tot Ion:163 Resp: 132990
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 9.3 8.2 12.4



#69
Phenanthrene
Concen: 2.276 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Tgt Ion:178 Resp: 134636
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.2 15.0 22.4

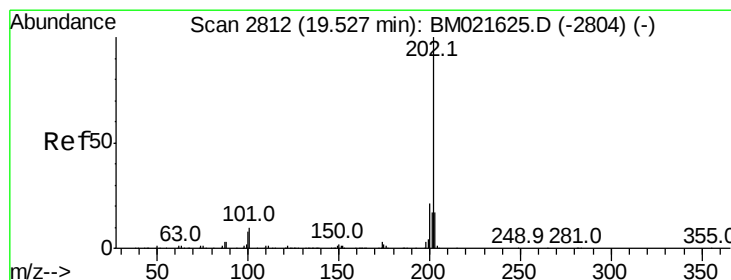
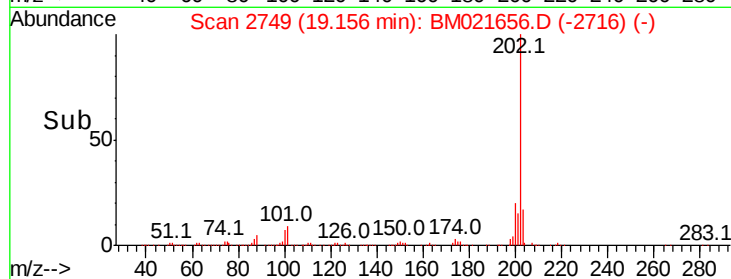
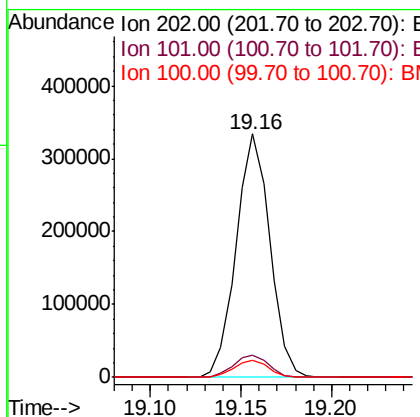
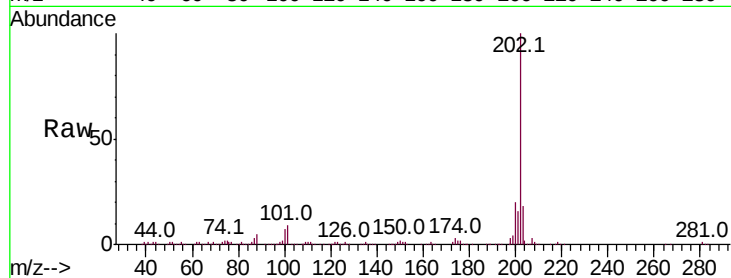




#76
 Fluoranthene
 Concen: 5.916 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021656.D
 Acq: 26 Jul 2019 03:44

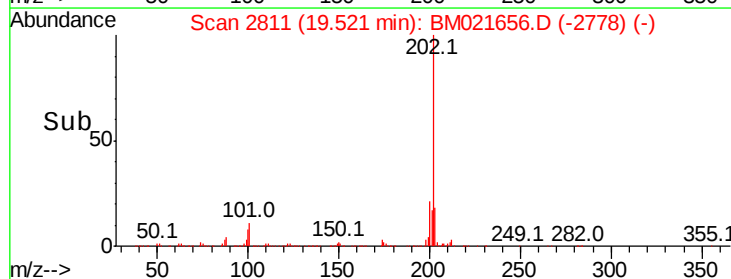
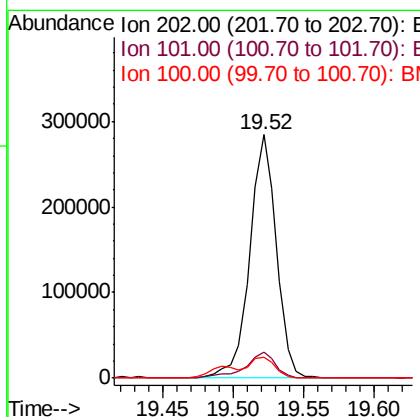
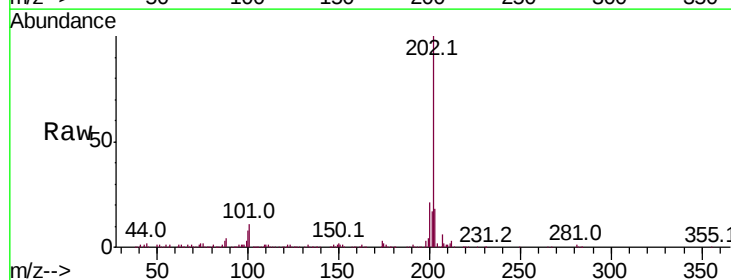
Instrument :
 BNA_M
 ClientSampleId :

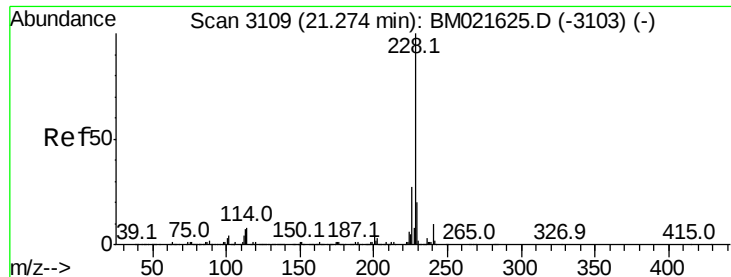
Tot Ion:	202	Resp:	433840
Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
100	7.1	5.6	8.4



#79
 Pyrene
 Concen: 5.034 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM021656.D
 Acq: 26 Jul 2019 03:44

Tgt Ion:	202	Resp:	378498
Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	13.0
100	8.4	7.1	10.7





#82

Benzo(a)anthracene

Concen: 2.487 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Instrument :

BNA_M

ClientSampled :

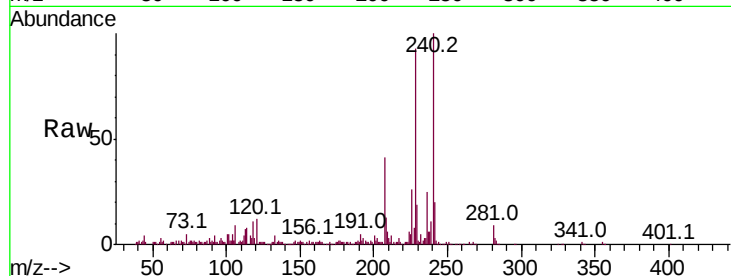
Tot Ion:228 Resp: 205785

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

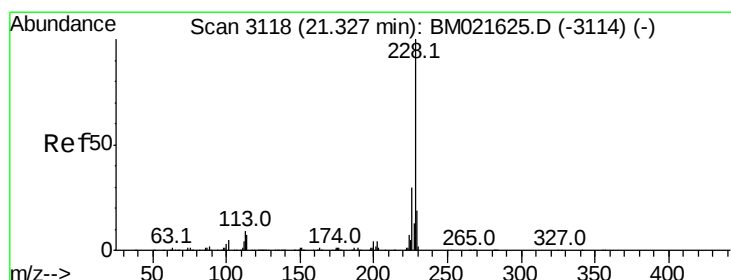
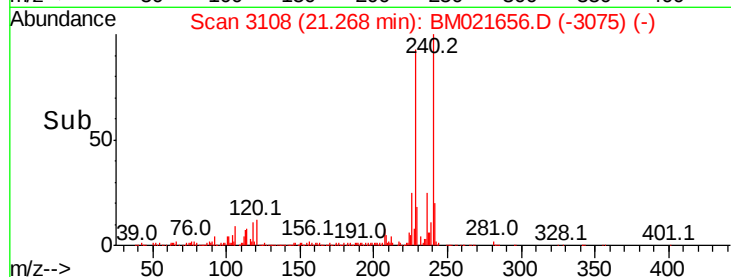
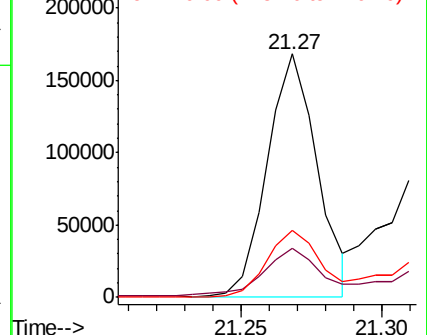
226 27.7 21.7 32.5



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: 3.225 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

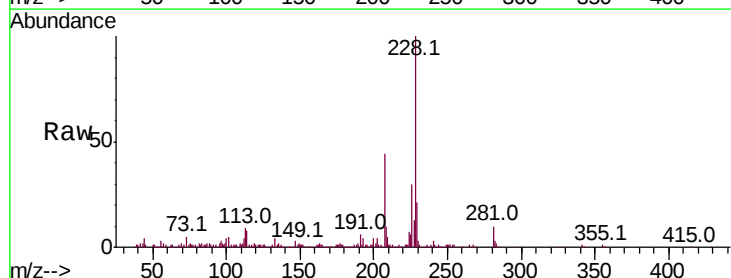
Tgt Ion:228 Resp: 254486

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

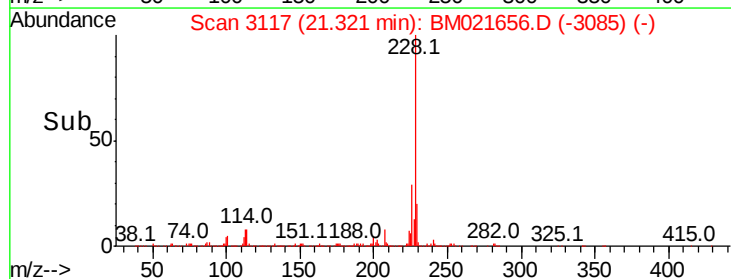
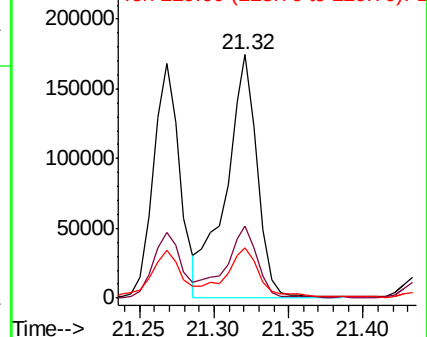
229 20.5 15.4 23.2

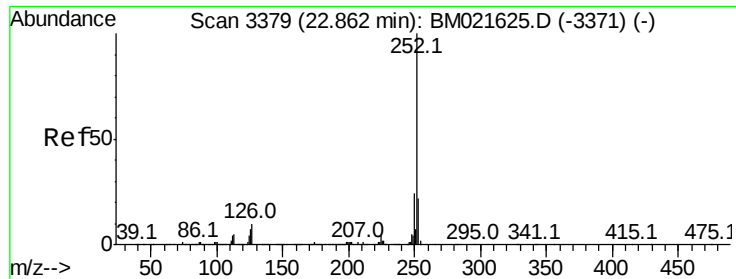


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

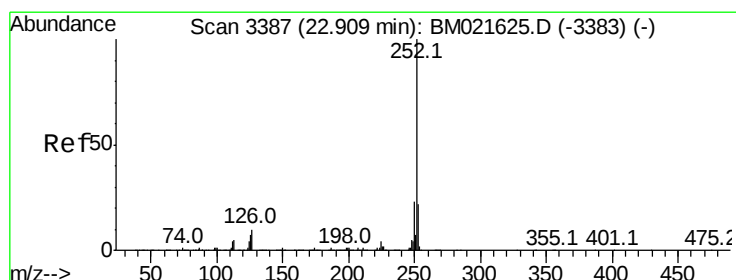
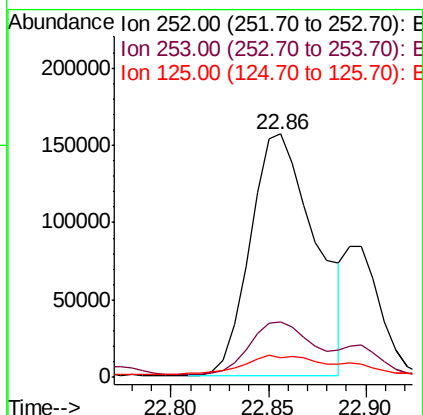
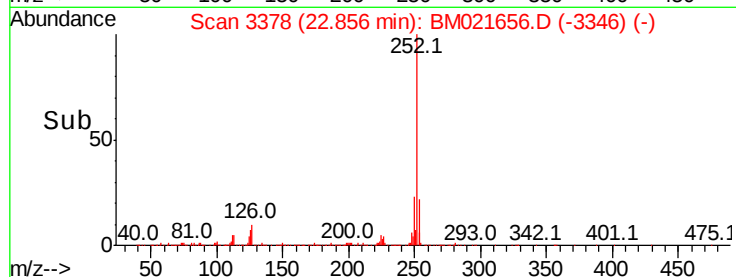
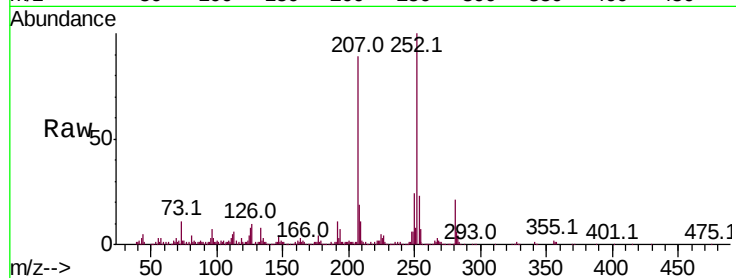




#87
Benzo(b)fluoranthene
Concen: 4.623 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

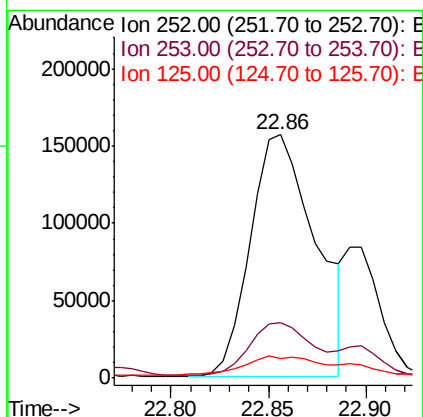
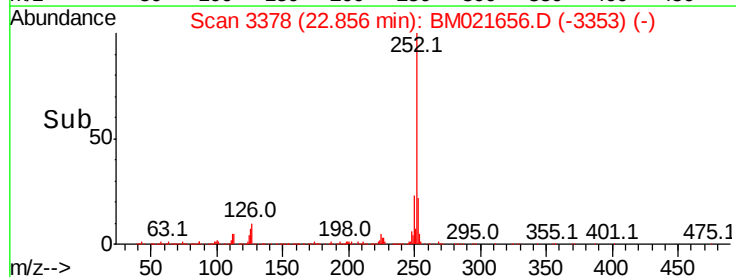
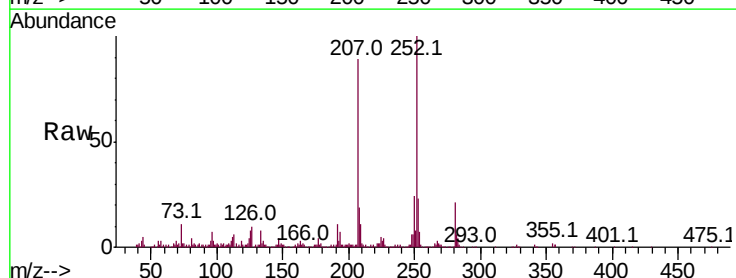
Instrument :
BNA_M
ClientSampleId :

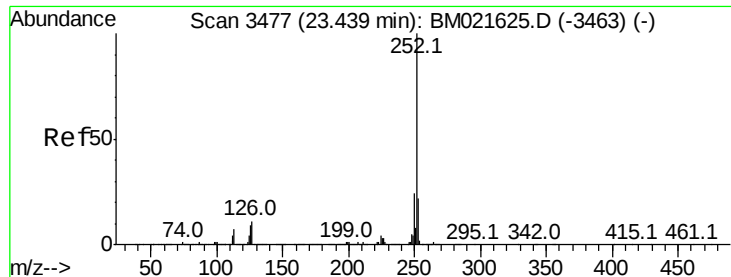
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	8.2	5.8	8.6



#88
Benzo(k)fluoranthene
Concen: 4.712 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.05 min
Lab File: BM021656.D
Acq: 26 Jul 2019 03:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	8.2	6.4	9.6





#90

Benzo(a)pyrene

Concen: 2.620 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. -0.02 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Instrument :

BNA_M

ClientSampled :

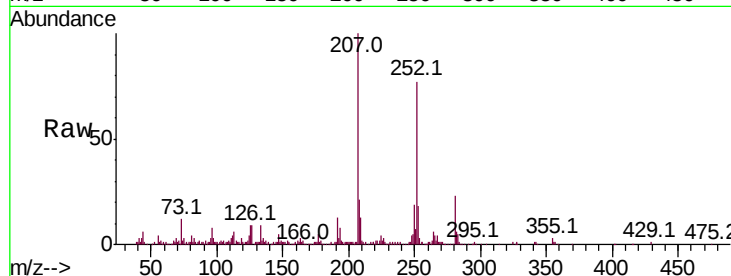
Tot Ion:252 Resp: 196652

Ion Ratio Lower Upper

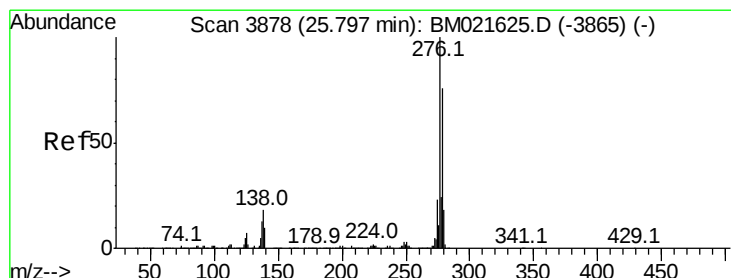
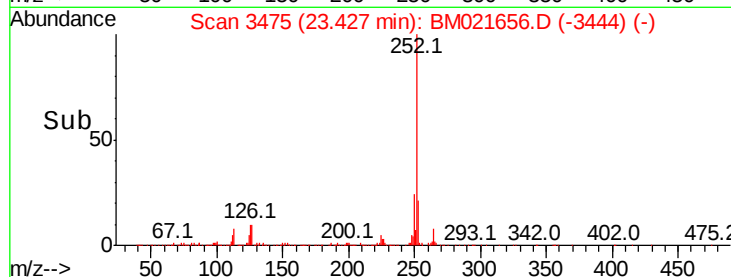
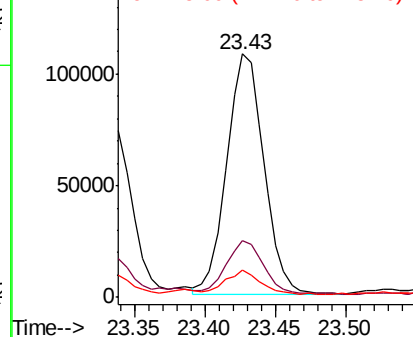
252 100

253 23.3 17.8 26.6

125 11.3 7.0 10.4#



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: 1.497 ng/ul

RT: 25.78 min Scan# 3875

Delta R.T. -0.02 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

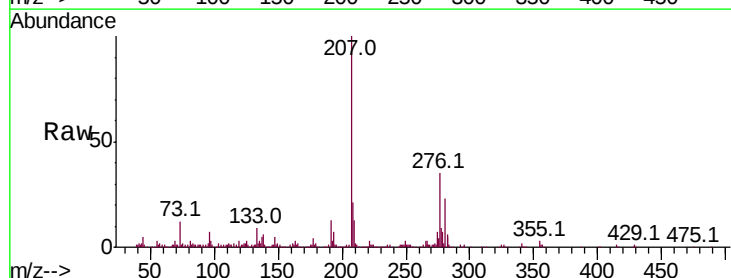
Tgt Ion:276 Resp: 136437

Ion Ratio Lower Upper

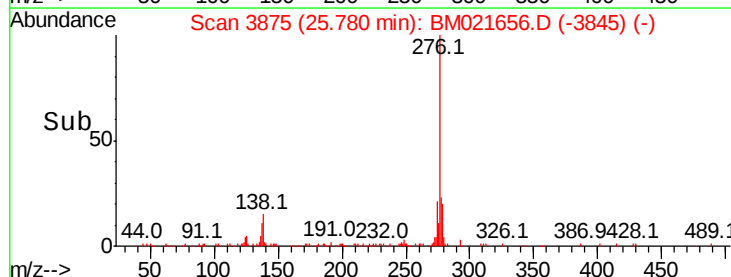
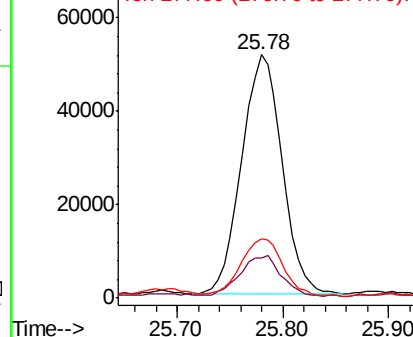
276 100

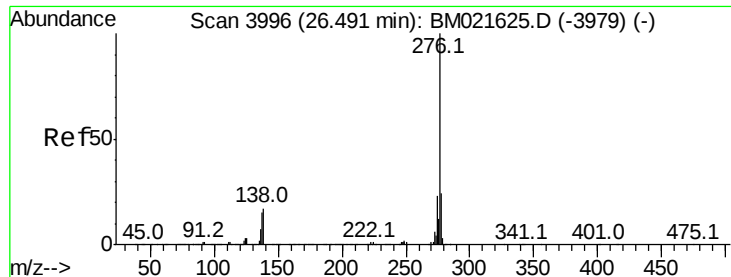
138 16.3 15.2 22.8

277 24.2 20.2 30.2



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





#93

Benzo(a,h,i)perylene

Concen: 1.459 ng/ul

RT: 26.48 min Scan# 3994

Delta R.T. -0.01 min

Lab File: BM021656.D

Acq: 26 Jul 2019 03:44

Instrument :

BNA_M

ClientSampleId :

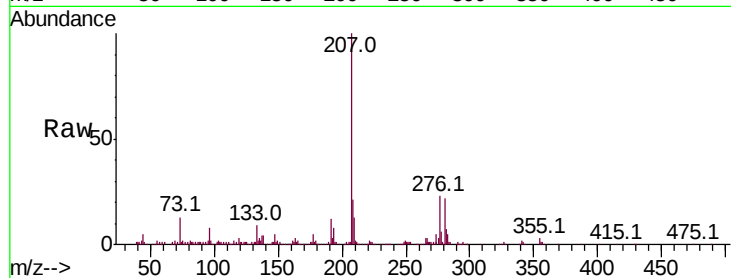
Tot Ion:276 Resp: 107731

Ion Ratio Lower Upper

276 100

138 16.1 13.7 20.5

277 24.8 19.0 28.6



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

