

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
 Data File : BM021349.D
 Acq On : 02 Jul 2019 18:48
 Operator : HP/JU
 Sample : K3594-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BE1

Quant Time: Jul 03 01:12:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:09:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	200626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	906394	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	560596	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1152520	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	863899	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1031747	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	3108	0.74	ng/uL	0.00
5) Phenol-d5	6.92	99	64731	3.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	35033	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	51131	3.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	57897	3.97	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	25165	3.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	27366	3.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	60636	3.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	71932	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	230016	4.54	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	222653	3.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	14392	1.75	ng/ul	0.00
57) Fluorene-d10	15.39	176	179371	4.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	9189	1.30	ng/ul	0.00
70) Anthracene-d10	17.24	188	258792	4.32	ng/ul	0.00
78) Pyrene-d10	19.54	212	279204	5.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	296574	4.87	ng/ul	0.00

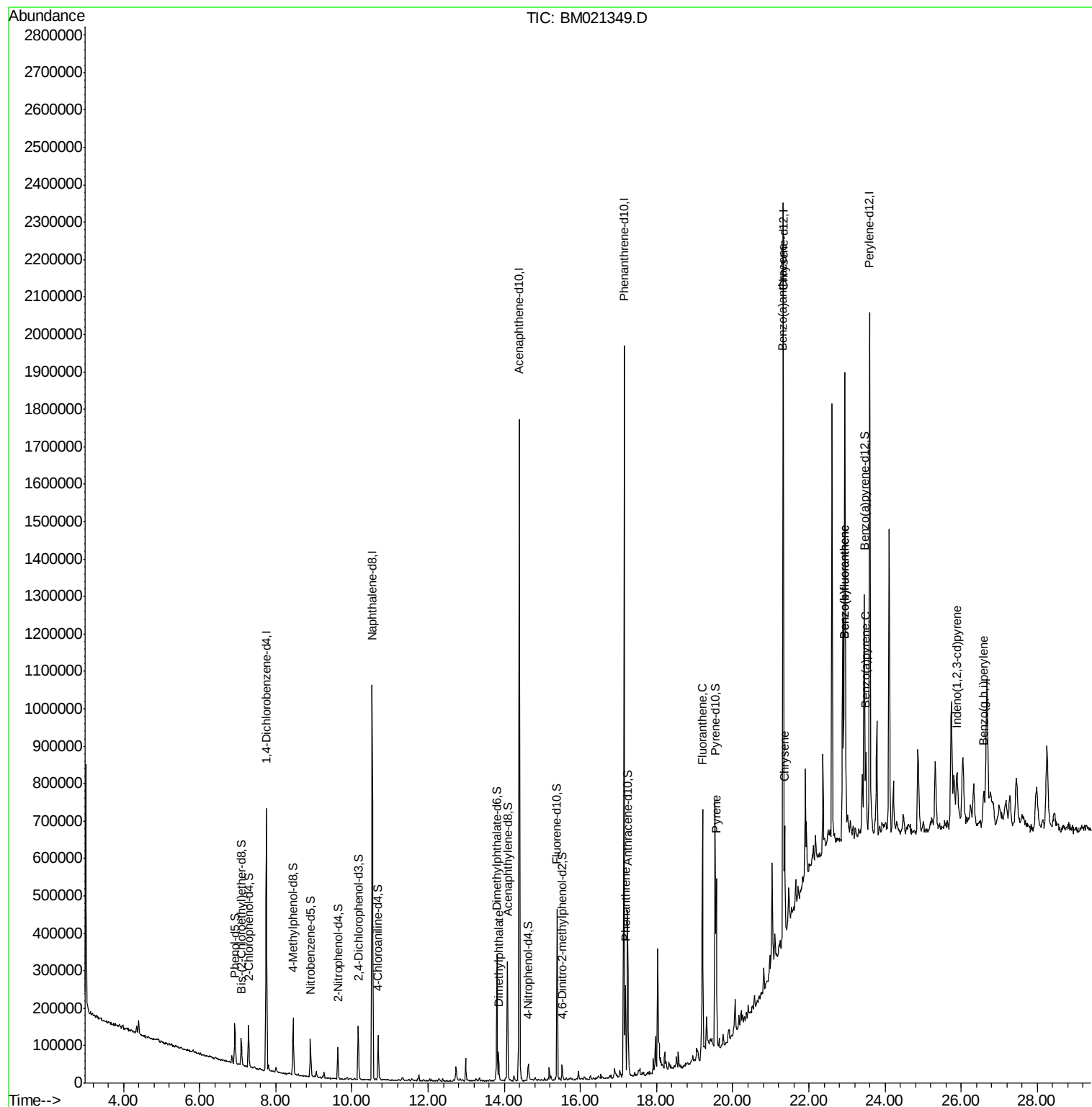
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.85	163	49601	1.076	ng/ul	97
69) Phenanthrene	17.19	178	141069	2.213	ng/ul	98
76) Fluoranthene	19.20	202	349460	5.074	ng/ul	99
79) Pyrene	19.57	202	285131	4.669	ng/ul	99
82) Benzo(a)anthracene	21.31	228	131089	2.226	ng/ul	99
84) Chrysene	21.36	228	168621	3.057	ng/ul	99
87) Benzo(b)fluoranthene	22.91	252	241975	3.702	ng/ul#	97
88) Benzo(k)fluoranthene	22.91	252	241975	3.849	ng/ul#	97
90) Benzo(a)pyrene	23.50	252	142387	2.315	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.89	276	121568	1.678	ng/ul	95
93) Benzo(g,h,i)perylene	26.59	276	107587	1.803	ng/ul	97

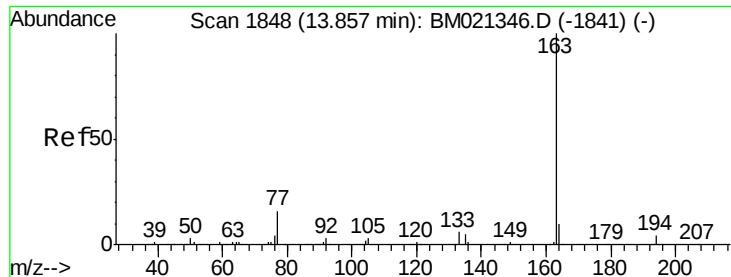
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:09:29 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.076 ng/ul

RT: 13.85 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Instrument :

BNA_M

ClientSampleId :

C5BE1

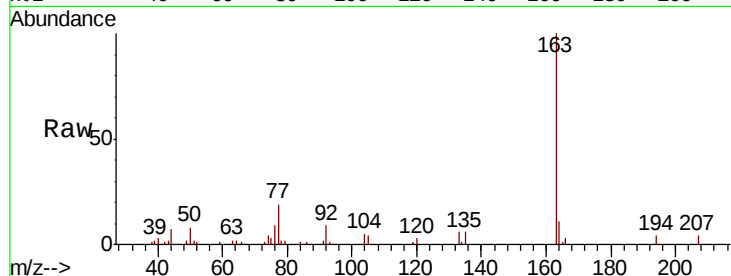
Tgt Ion:163 Resp: 49601

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

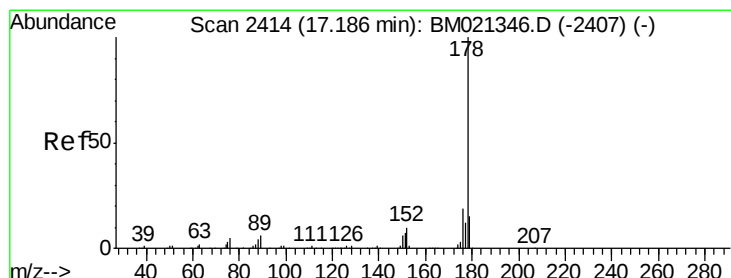
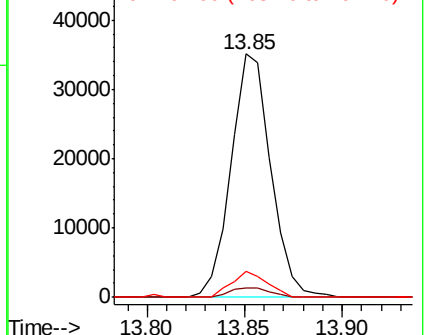
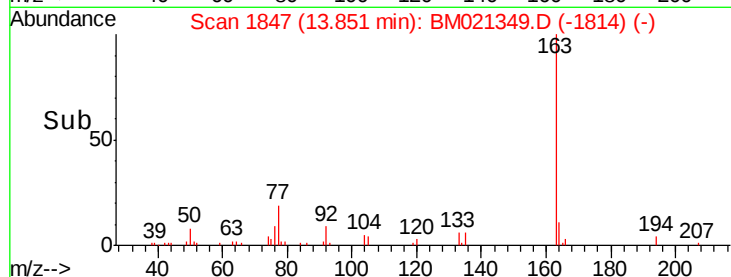
164 10.9 7.7 11.5



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: 2.213 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

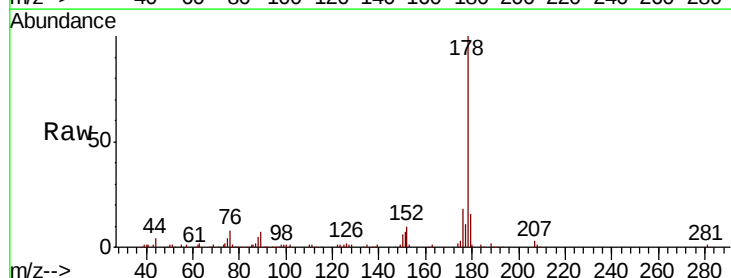
Tgt Ion:178 Resp: 141069

Ion Ratio Lower Upper

178 100

179 16.0 11.8 17.8

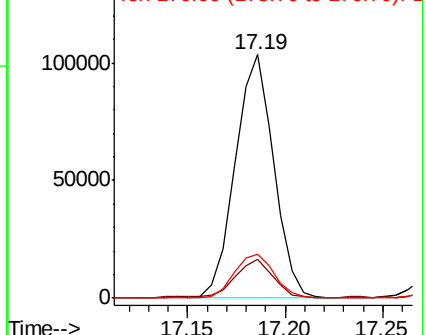
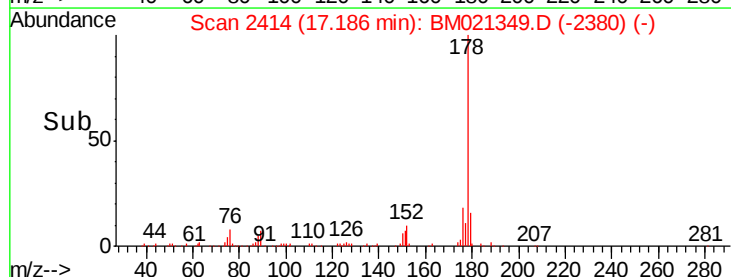
176 18.0 15.0 22.6

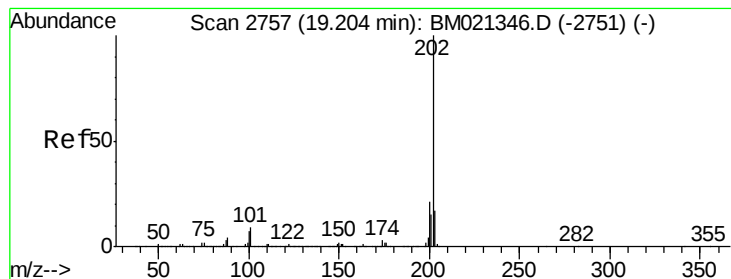


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 5.074 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.00 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Instrument :

BNA_M

ClientSampleId :

C5BE1

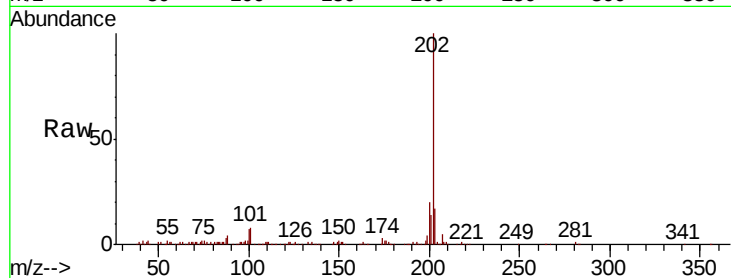
Tgt Ion: 202 Resp: 349460

Ion Ratio Lower Upper

202 100

101 8.5 6.7 10.1

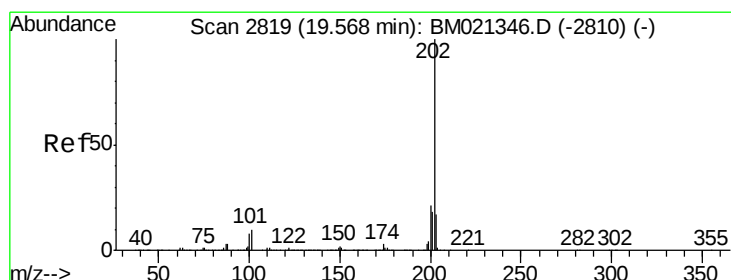
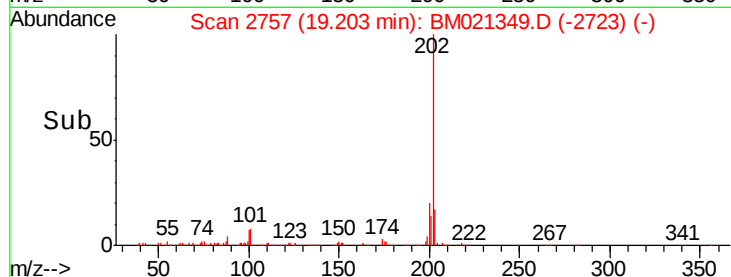
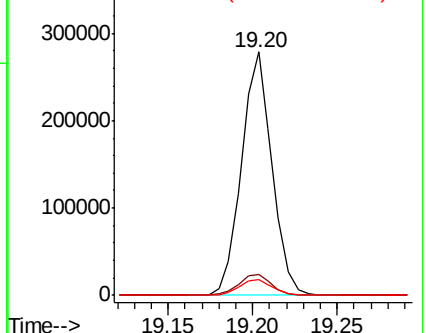
100 6.6 5.5 8.3



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: 4.669 ng/ul

RT: 19.57 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

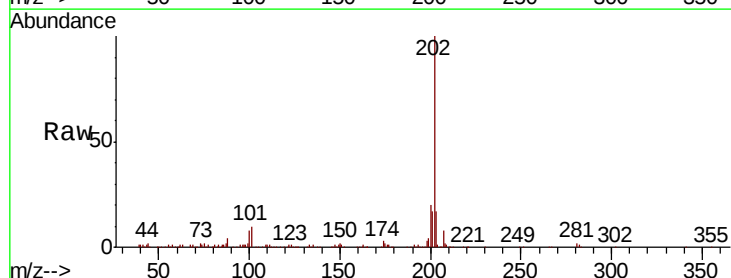
Tgt Ion: 202 Resp: 285131

Ion Ratio Lower Upper

202 100

101 9.7 8.1 12.1

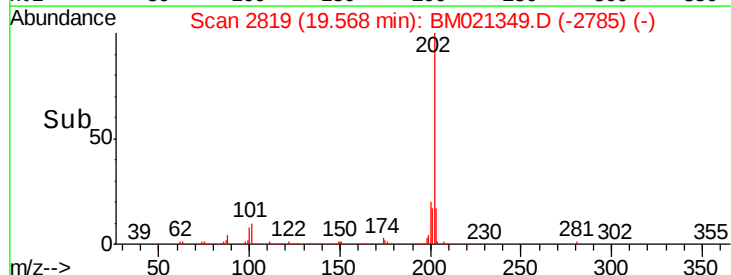
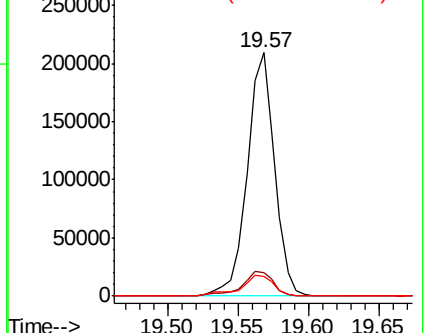
100 8.0 6.6 10.0

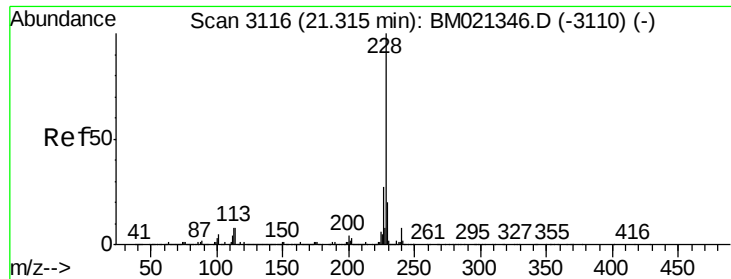


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.226 ng/ul

RT: 21.31 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Instrument :

BNA_M

ClientSampleId :

C5BE1

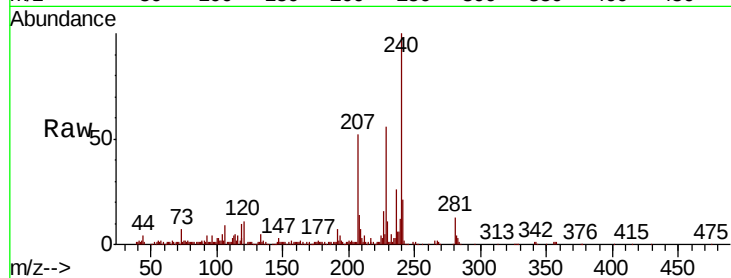
Tgt Ion:228 Resp: 131089

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.8

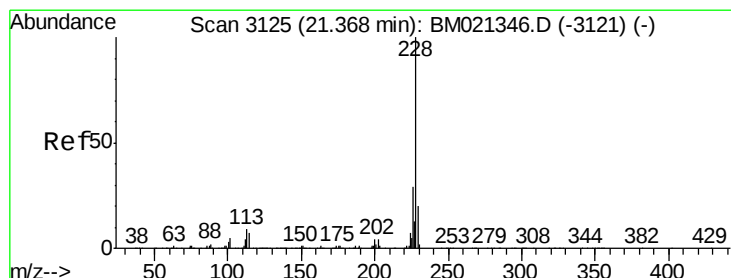
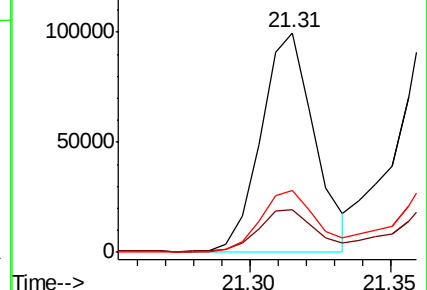
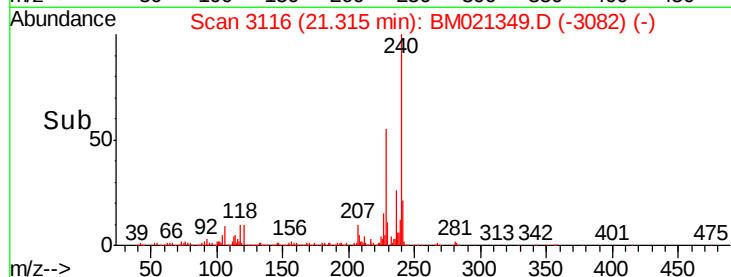
226 28.0 21.4 32.2



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: 3.057 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

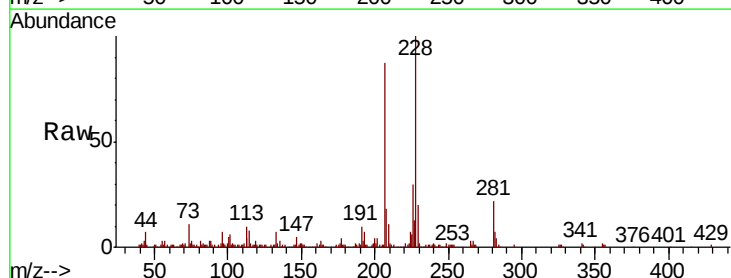
Tgt Ion:228 Resp: 168621

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

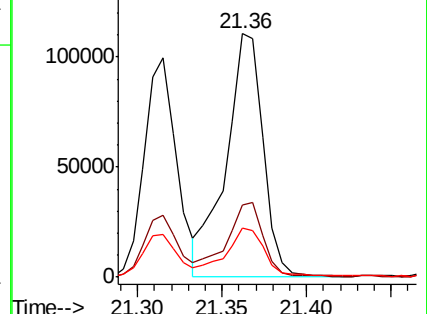
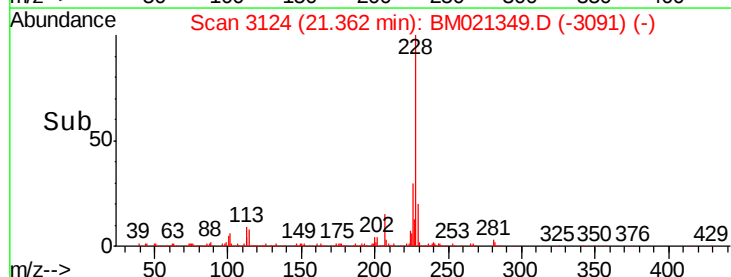
229 20.3 15.4 23.2

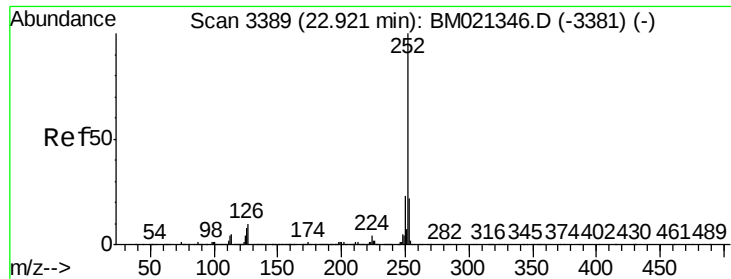


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.702 ng/ul

RT: 22.91 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

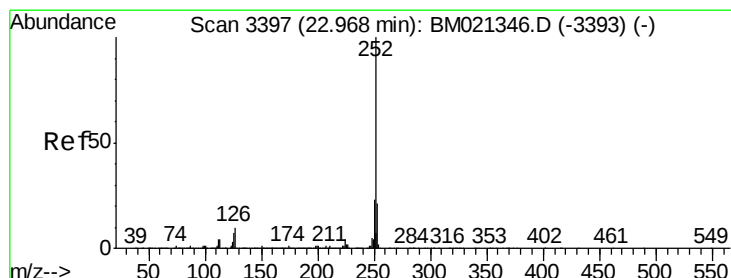
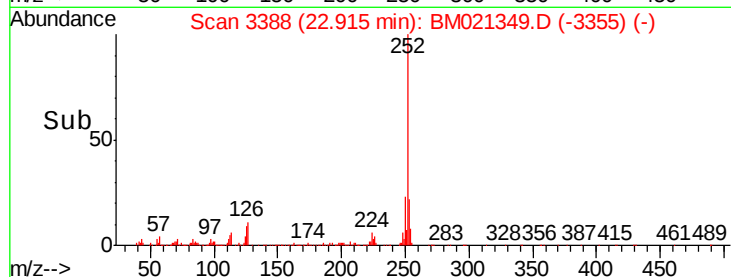
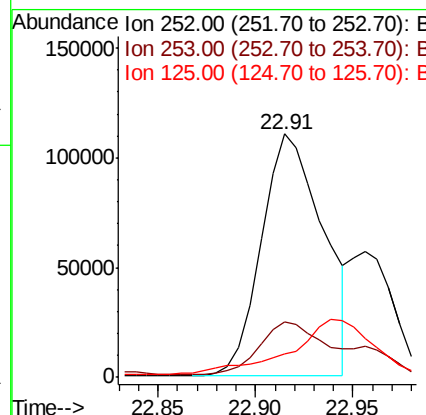
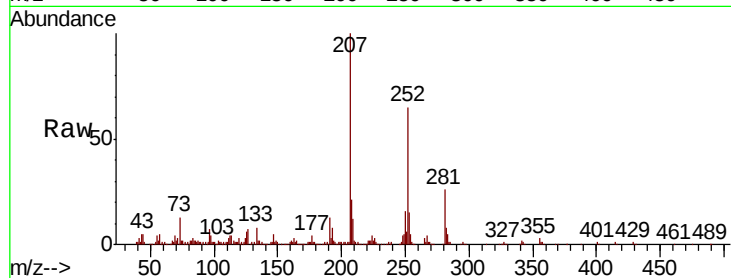
Instrument :

BNA_M

ClientSampled :

C5BE1

Tgt Ion:	252	Resp:	241975
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	9.9	6.3	9.5#



#88

Benzo(k)fluoranthene

Concen: 3.849 ng/ul

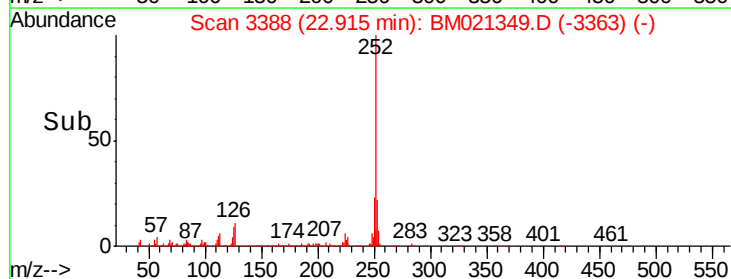
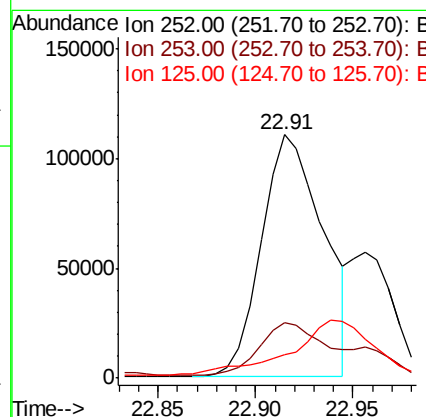
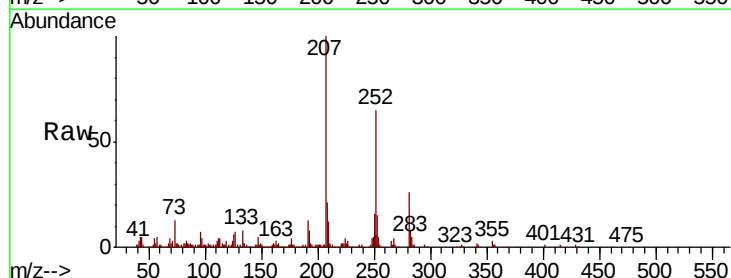
RT: 22.91 min Scan# 3388

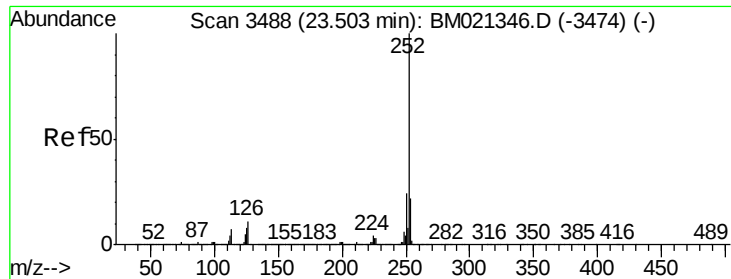
Delta R.T. -0.05 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Tgt Ion:	252	Resp:	241975
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	9.9	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 2.315 ng/ul

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

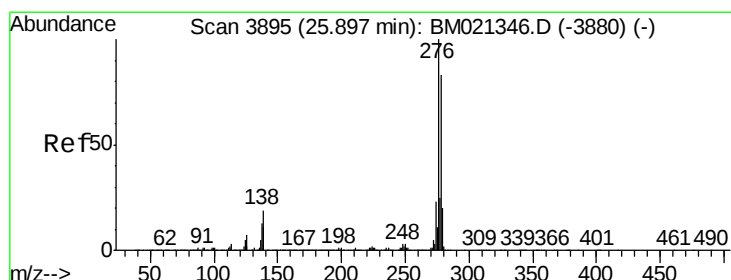
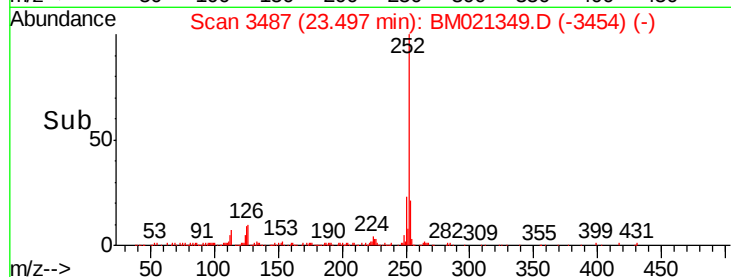
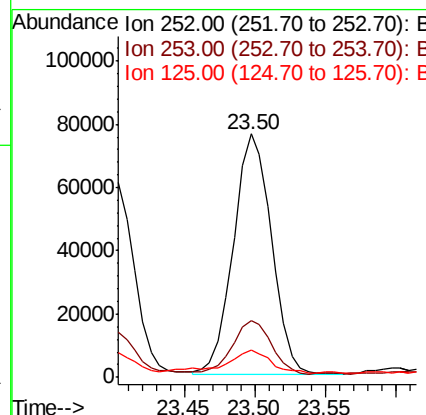
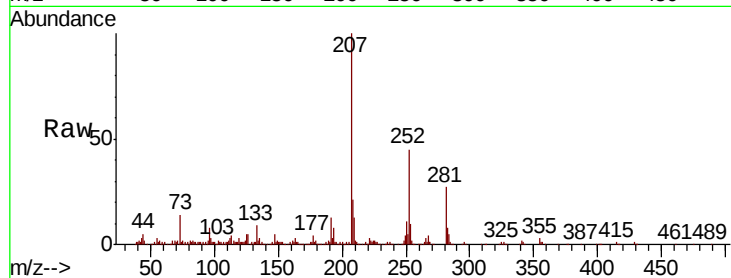
Instrument :

BNA_M

ClientSampleId :

C5BE1

Tgt Ion:	252	Resp:	142387
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	11.3	7.2	10.8#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.678 ng/ul

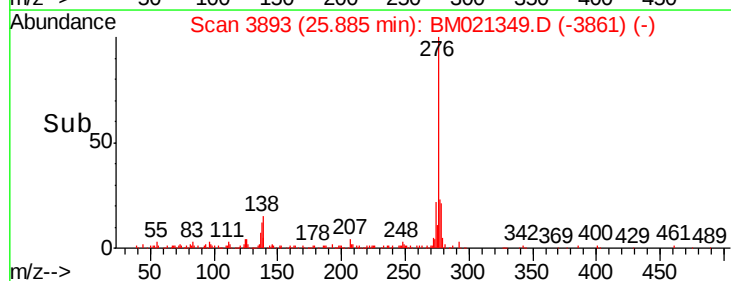
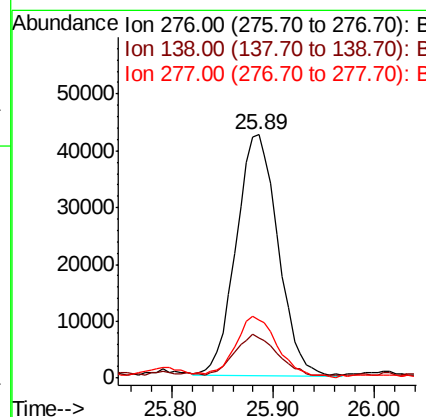
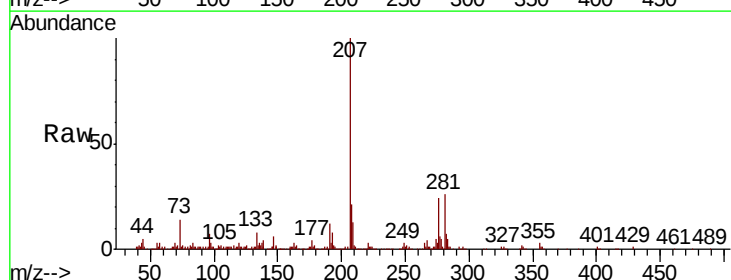
RT: 25.89 min Scan# 3893

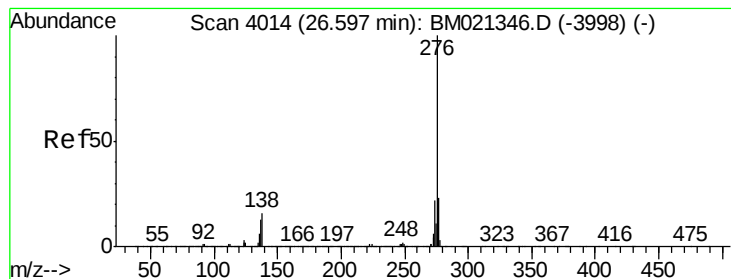
Delta R.T. -0.01 min

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Tgt Ion:	276	Resp:	121568
Ion Ratio	Lower	Upper	
276	100		
138	16.5	15.9	23.9
277	23.7	20.4	30.6





#93

Benzo(g,h,i)perylene

Concen: 1.803 ng/ul

RT: 26.59 min Scan# 4012

Delta R.T. -0.01 min

Lab File: BM021349.D

Acq: 02 Jul 2019 18:48

Instrument :

BNA_M

ClientSampleId :

C5BE1

Tgt Ion: 276 Resp: 107587

Ion Ratio Lower Upper

276 100

138 18.5 14.6 21.8

277 26.1 18.9 28.3

