

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019407.D
 Acq On : 25 Mar 2019 00:13
 Operator : JU/SJ
 Sample : K2031-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 25 03:04:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	134823	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	555189	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	311738	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	707876	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	806453	20.00	ng/ul	-0.02
86) Perylene-d12	23.44	264	888132	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	17225	5.00	ng/uL	0.00
5) Phenol-d5	6.79	99	172504	14.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	111585	13.88	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	138811	15.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	126545	14.04	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	58687	14.82	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	67085	15.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.03	165	121570	14.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	86395	8.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	398510	15.84	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	469576	14.93	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	33343	8.46	ng/ul	0.02
58) Fluorene-d10	15.26	176	354973	16.38	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	41468	8.86	ng/ul	0.00
71) Anthracene-d10	17.12	188	535221	15.76	ng/ul	-0.01
79) Pyrene-d10	19.43	212	589532	15.83	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	649721	13.80	ng/ul	-0.02

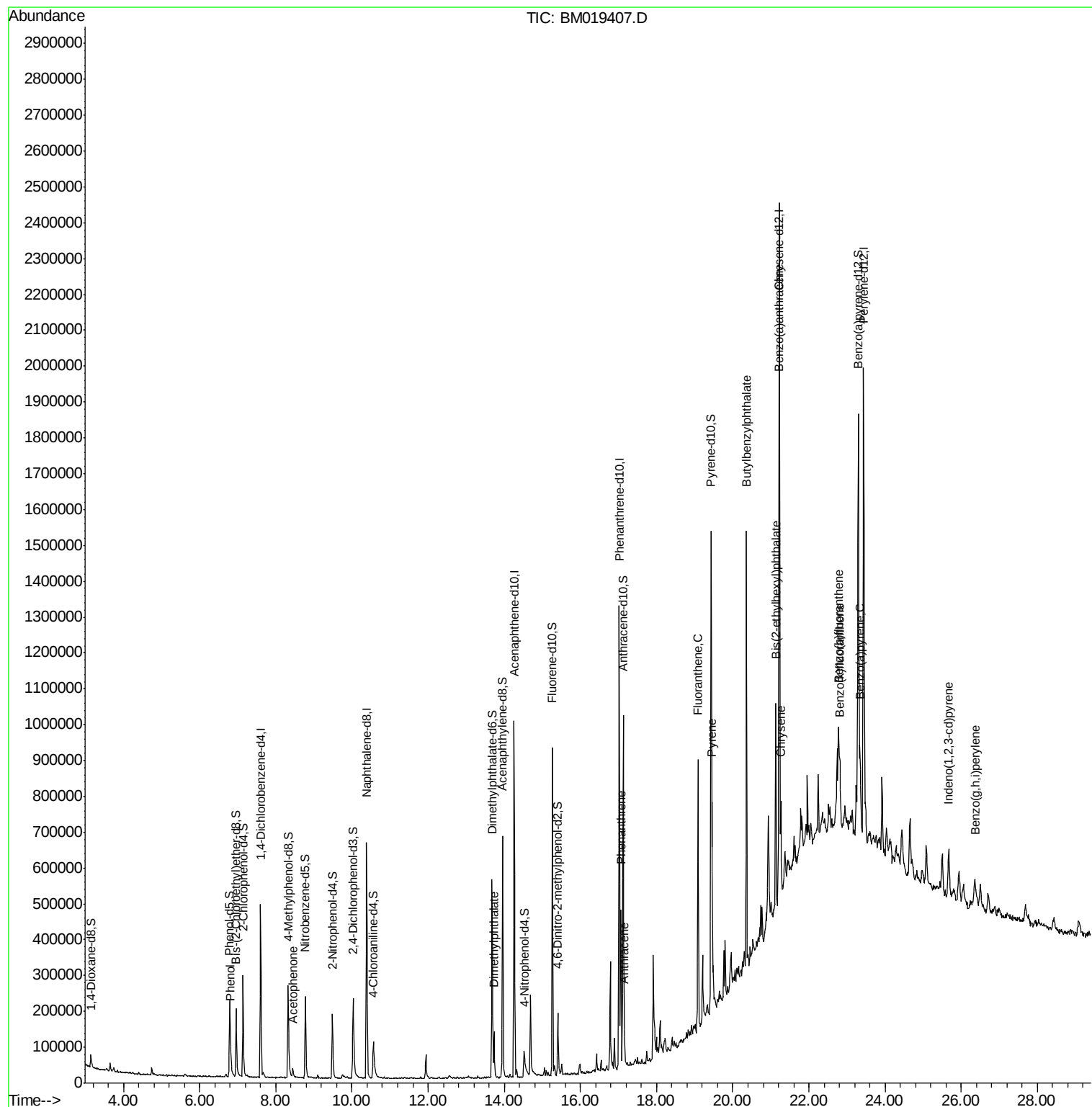
Target Compounds				Ovalue		
6) Phenol	6.82	94	17307	1.381	ng/ul#	88
14) Acetophenone	8.45	105	16427	1.119	ng/ul	93
45) Dimethylphthalate	13.73	163	81420	3.226	ng/ul#	96
70) Phenanthrene	17.06	178	242024	6.030	ng/ul	100
72) Anthracene	17.16	178	57514	1.405	ng/ul	99
77) Fluoranthene	19.09	202	435141	9.462	ng/ul#	91
80) Pyrene	19.46	202	351059	7.236	ng/ul#	87
81) Butylbenzylphthalate	20.36	149	335508	17.465	ng/ul	93
83) Benzo(a)anthracene	21.21	228	176958	3.646	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	196873	7.071	ng/ul	96
85) Chrysene	21.26	228	154975	3.327	ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	220505	4.076	ng/ul#	92
89) Benzo(k)fluoranthene	22.81	252	76332	1.469	ng/ul#	83
91) Benzo(a)pyrene	23.34	252	146600	2.835	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.67	276	106404	1.643	ng/ul#	91
94) Benzo(g,h,i)perylene	26.36	276	91424	1.689	ng/ul#	91

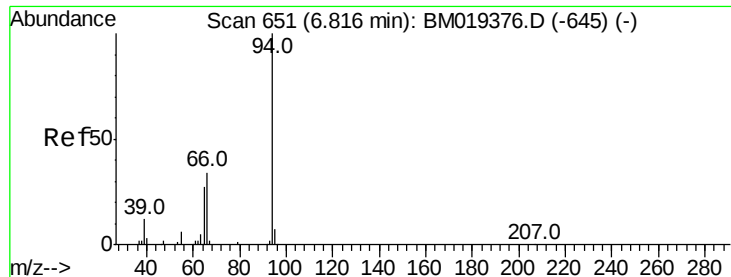
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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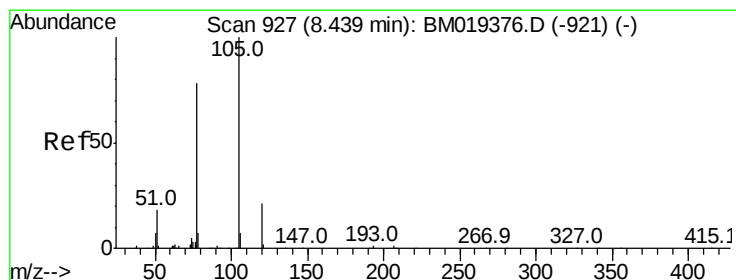
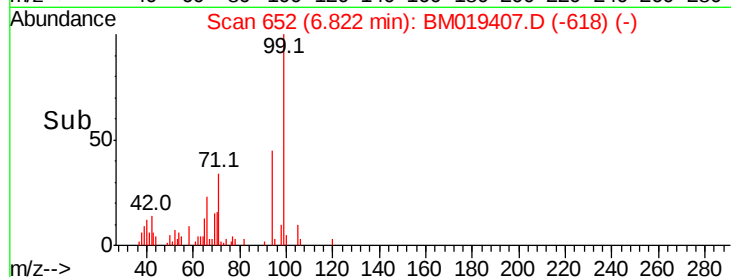
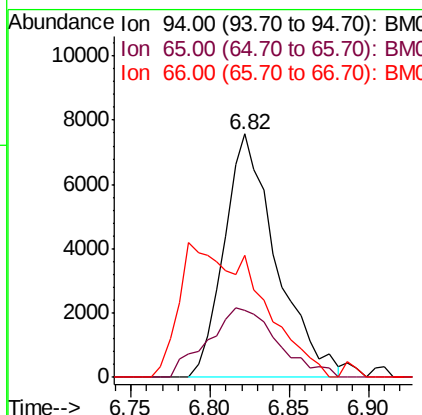
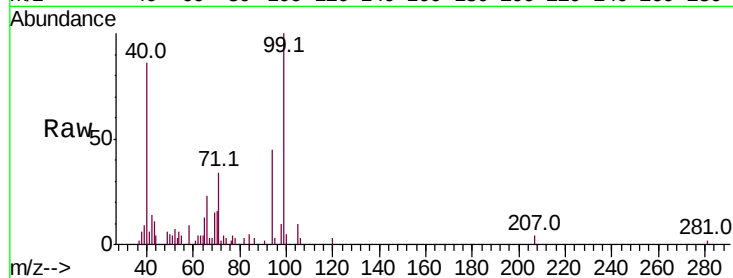
#6

Phenol

Concen: 1.381 ng/ul
 RT: 6.82 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BM019407.D
 Acq: 25 Mar 2019 00:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 17307
 Ion Ratio Lower Upper
 94 100
 65 27.8 23.0 34.6
 66 49.9 30.4 45.6#

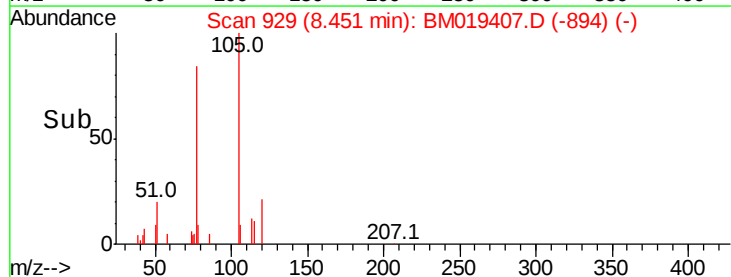
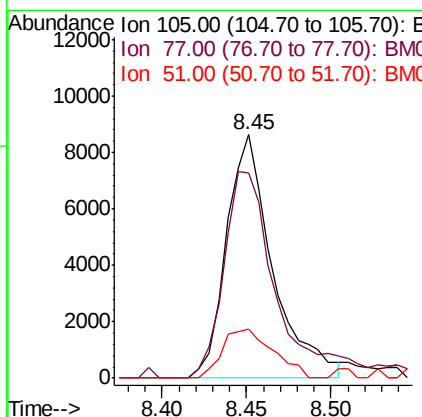
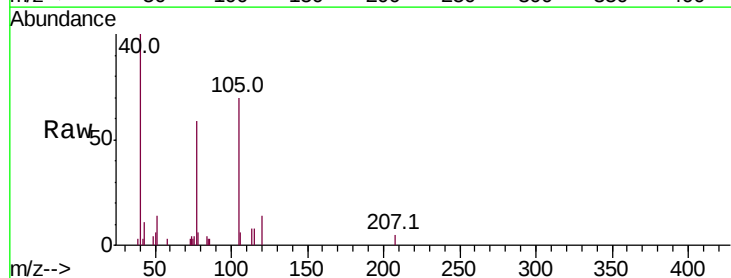


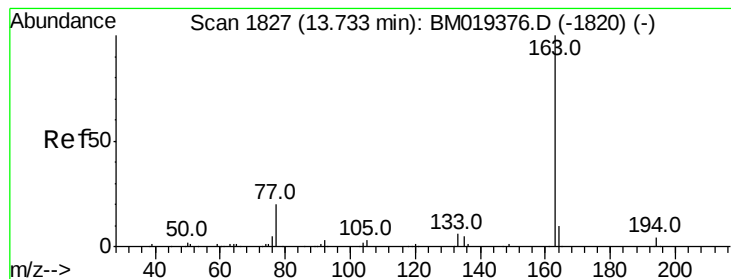
#14

Acetophenone

Concen: 1.119 ng/ul
 RT: 8.45 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BM019407.D
 Acq: 25 Mar 2019 00:13

Tgt Ion: 105 Resp: 16427
 Ion Ratio Lower Upper
 105 100
 77 84.2 63.2 94.8
 51 20.2 19.8 29.8





#45

Dimethylphthalate

Concen: 3.226 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

Instrument :

BNA_M

ClientSampleId :

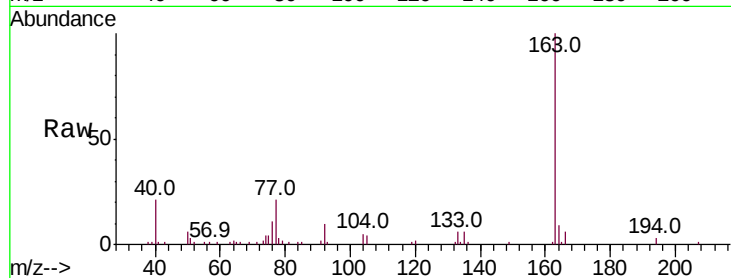
Tot Ion:163 Resp: 81420

Ion Ratio Lower Upper

163 100

194 3.4 4.0 6.0#

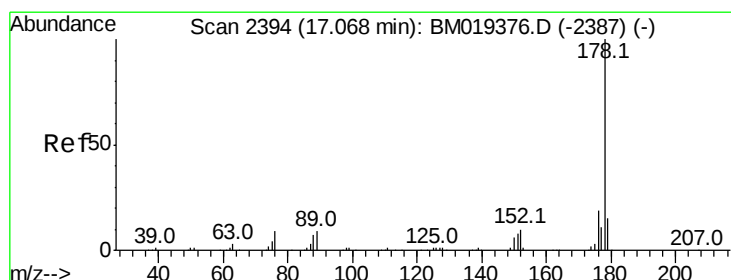
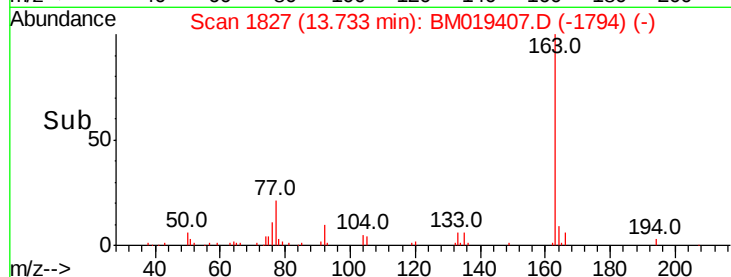
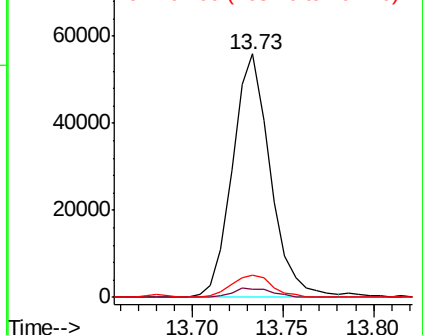
164 9.3 8.4 12.6



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



#70

Phenanthrene

Concen: 6.030 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

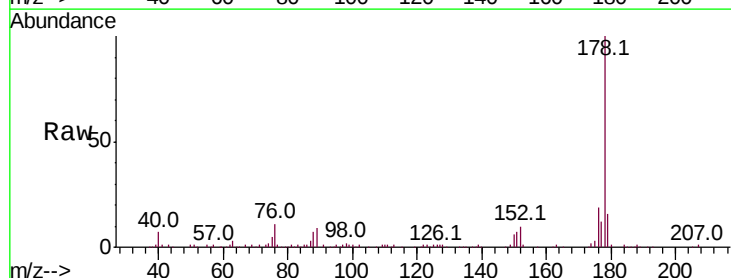
Tgt Ion:178 Resp: 242024

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

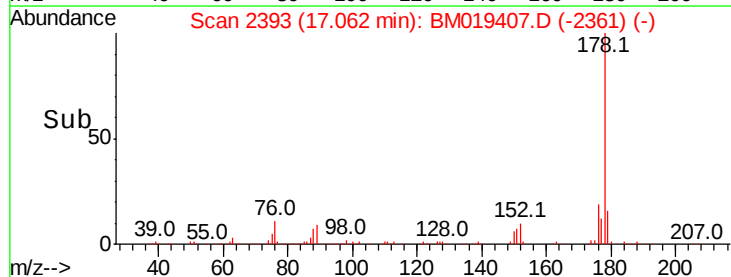
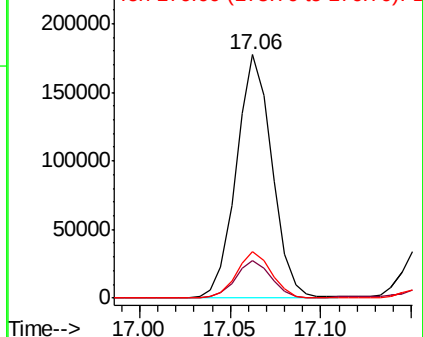
176 19.0 15.4 23.0

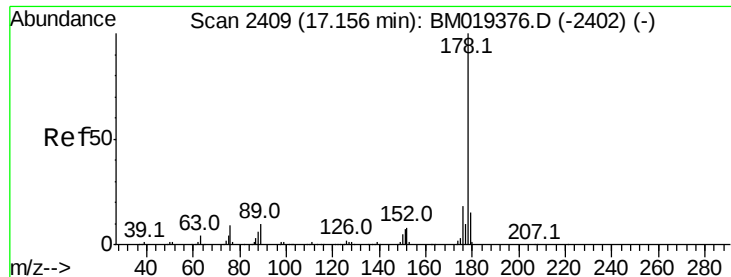


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.405 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

Instrument :

BNA_M

ClientSampleId :

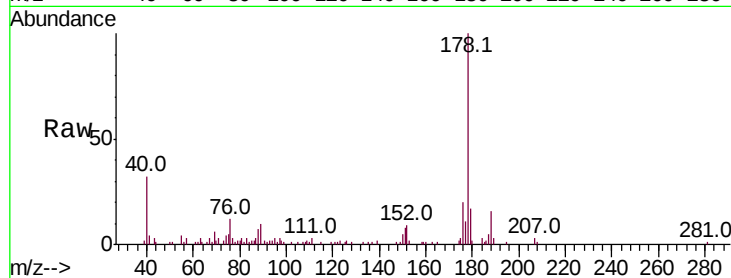
Tot Ion:178 Resp: 57514

Ion Ratio Lower Upper

178 100

179 17.1 13.4 20.2

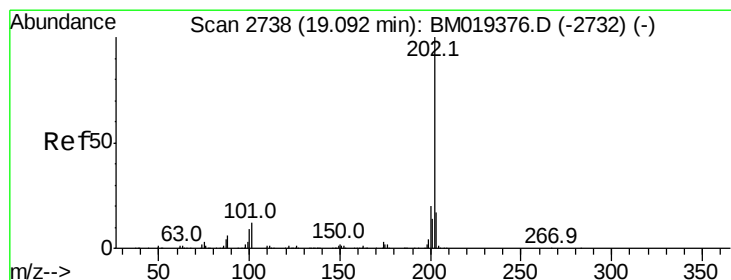
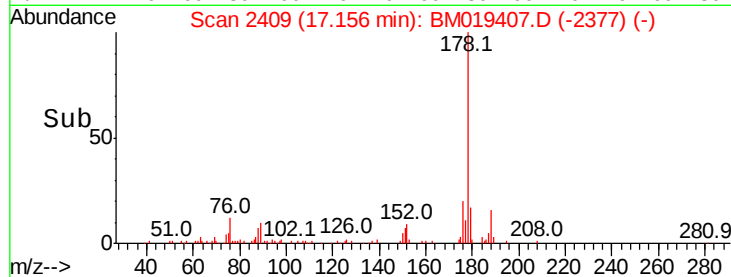
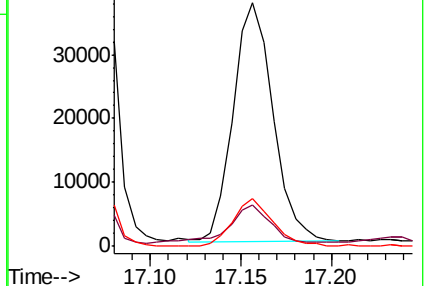
176 19.6 15.4 23.0



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



#77

Fluoranthene

Concen: 9.462 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

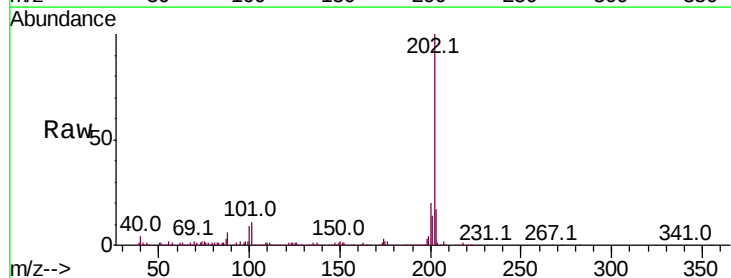
Tgt Ion:202 Resp: 435141

Ion Ratio Lower Upper

202 100

101 10.5 6.1 9.1#

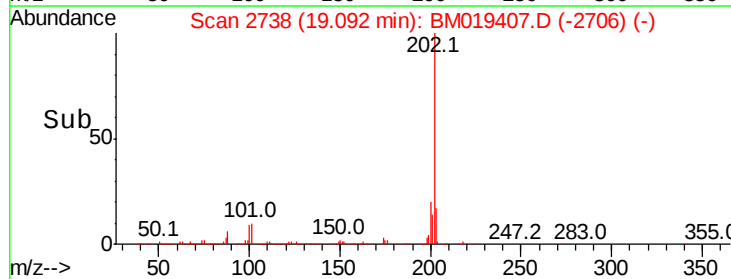
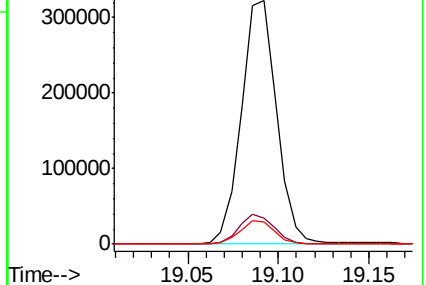
100 9.2 4.6 7.0#

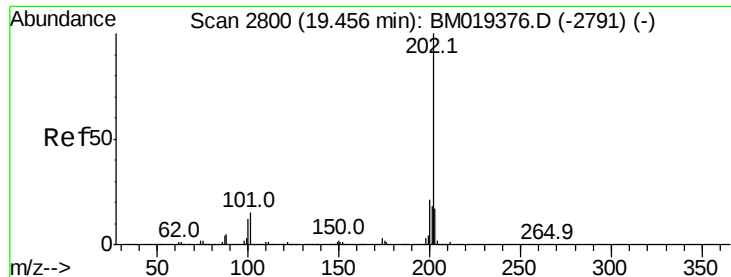


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

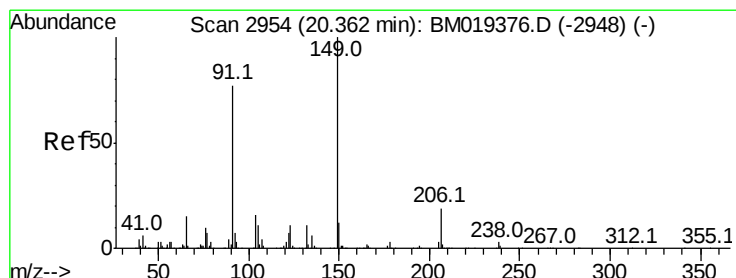
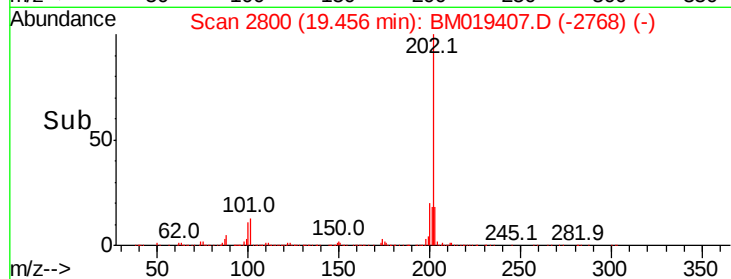
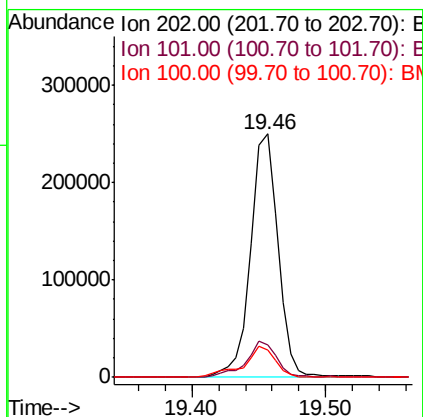
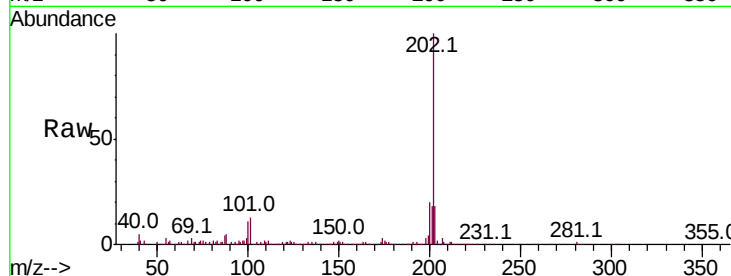




#80
Pvrene
Concen: 7.236 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM019407.D
Acq: 25 Mar 2019 00:13

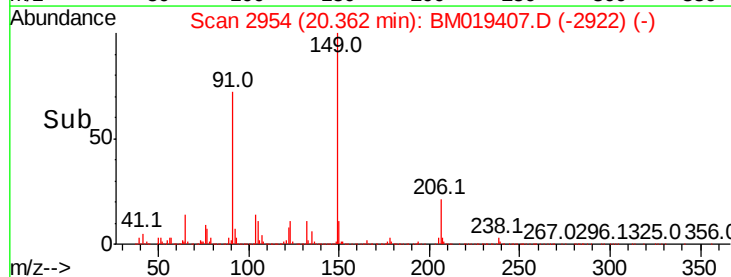
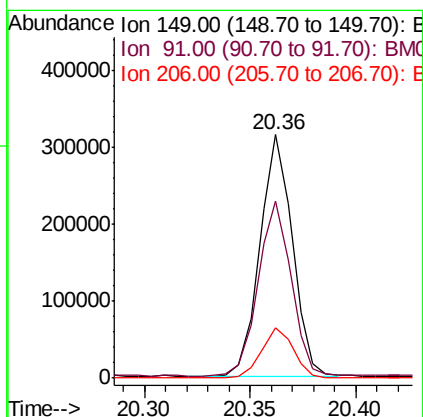
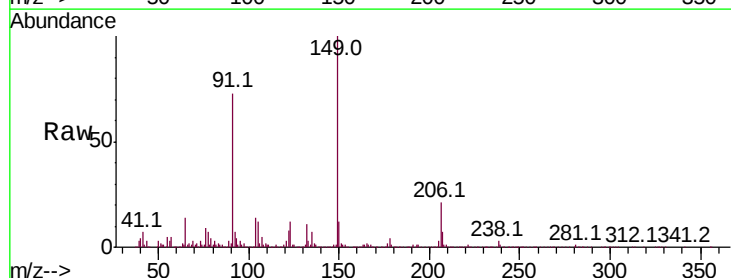
Instrument :
BNA_M
ClientSampleId :

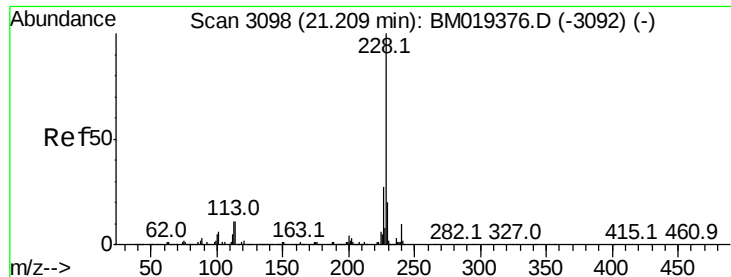
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	6.9	10.3#
100	11.2	5.6	8.4#



#81
Butylbenzylphthalate
Concen: 17.465 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM019407.D
Acq: 25 Mar 2019 00:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	53.4	80.0
206	20.7	19.3	28.9





#83

Benzo(a)anthracene

Concen: 3.646 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

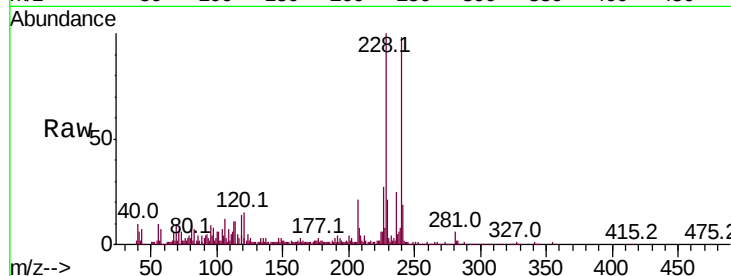
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 176958

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	26.9	21.8	32.8

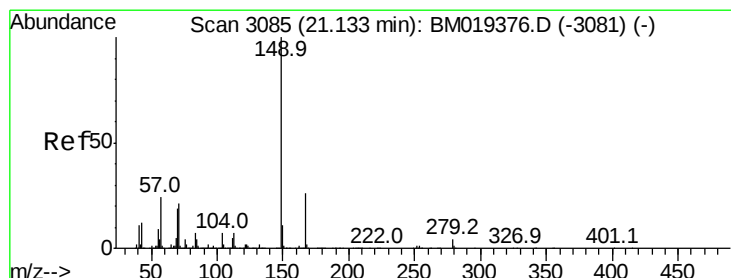
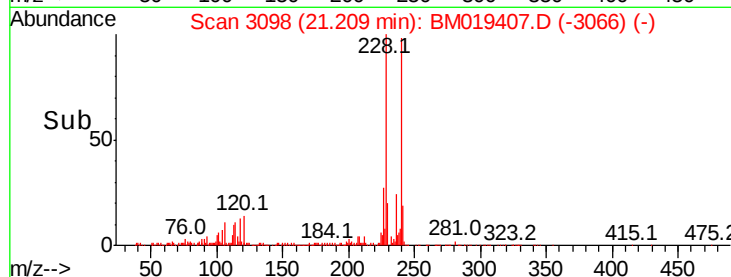
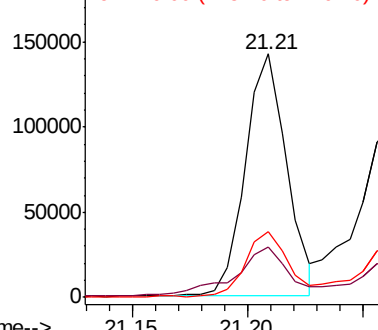


Abundance

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

Bis(2-ethylhexyl)phthalate

Concen: 7.071 ng/ul

RT: 21.13 min Scan# 3085

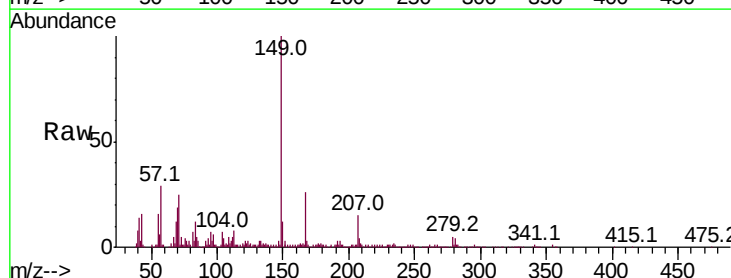
Delta R.T. -0.01 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

Tgt Ion:149 Resp: 196873

Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.0	34.6
279	5.0	4.3	6.5

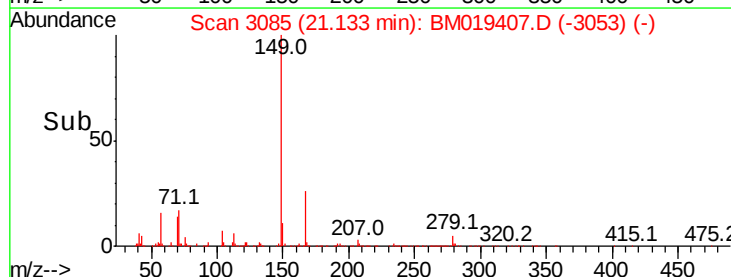
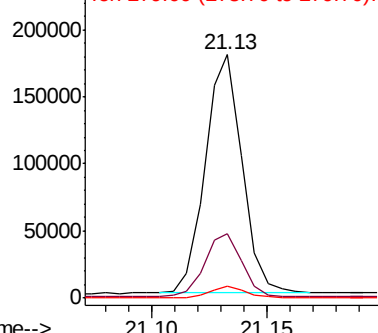


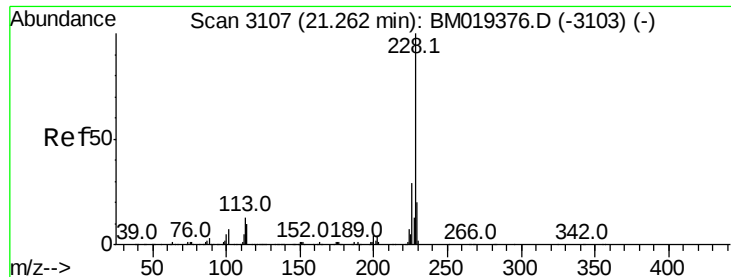
Abundance

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

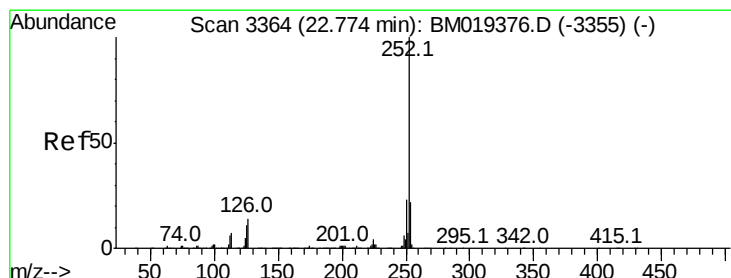
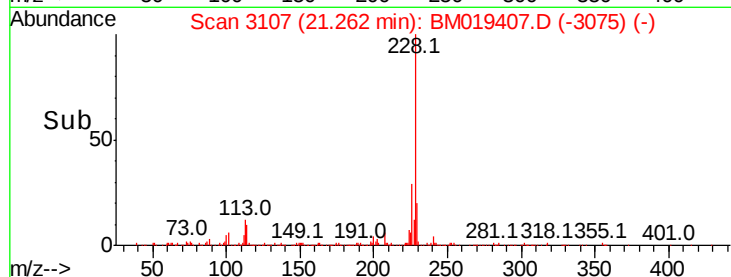
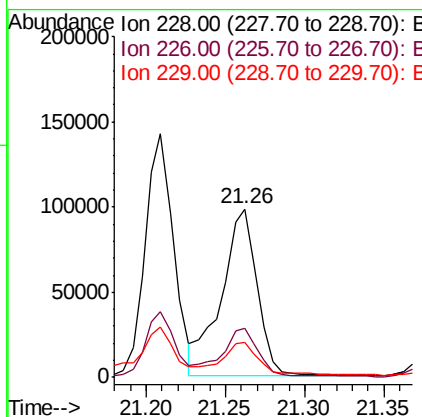
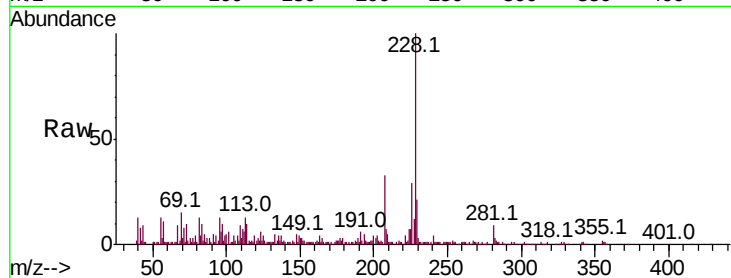




#85
Chrysene
Concen: 3.327 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019407.D
Acq: 25 Mar 2019 00:13

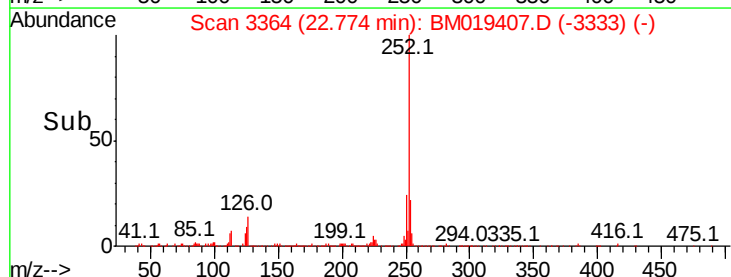
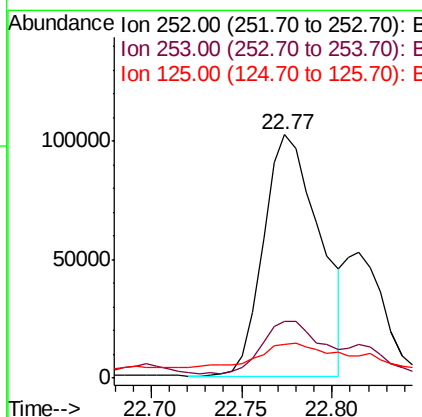
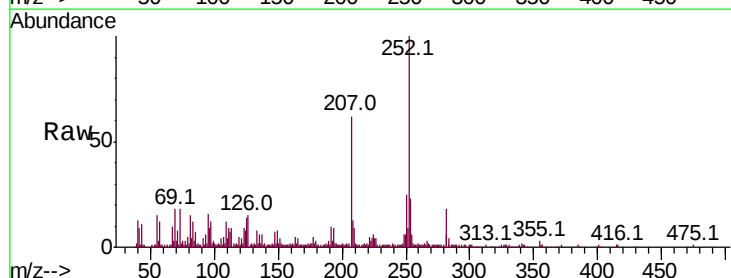
Instrument :
BNA_M
ClientSampleId :

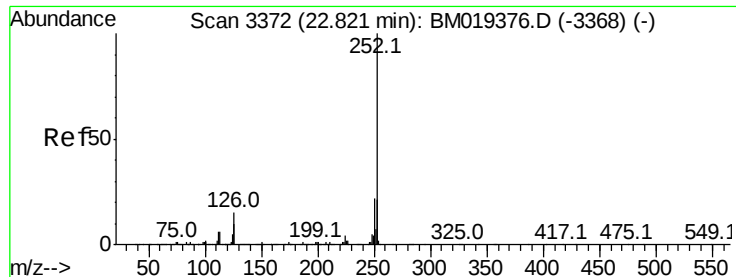
Tot Ion:	228	Resp:	154975
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.1	36.1
229	20.7	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 4.076 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BM019407.D
Acq: 25 Mar 2019 00:13

Tgt Ion:	252	Resp:	220505
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	14.0	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 1.469 ng/ul

RT: 22.81 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

Instrument :

BNA_M

ClientSampleId :

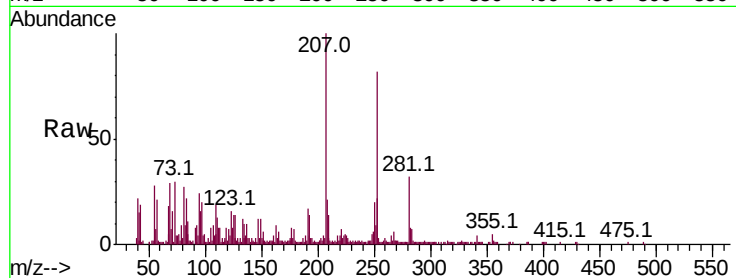
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Ion Ratio Lower Upper

252 100

253 27.1 17.1 25.7#

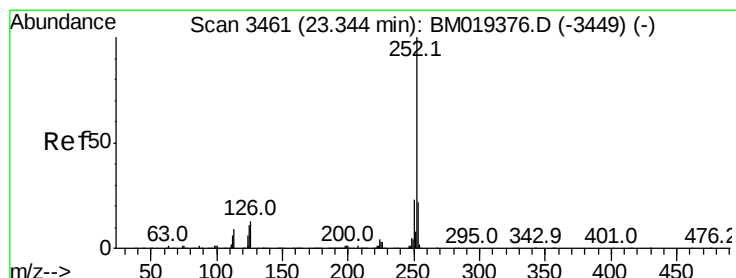
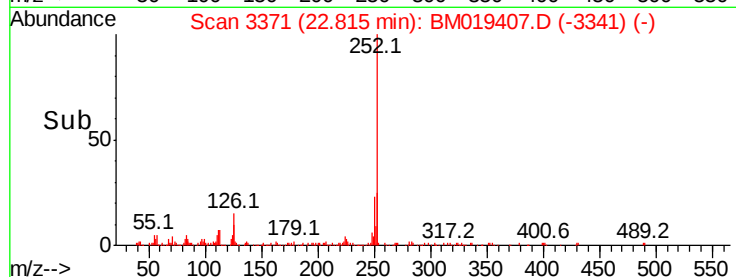
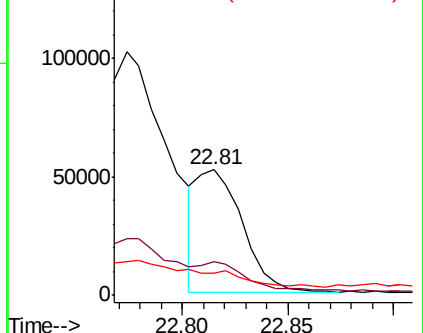
125 17.4 5.4 8.0#



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

Benzo(a)pyrene

Concen: 2.835 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.02 min

Lab File: BM019407.D

Acq: 25 Mar 2019 00:13

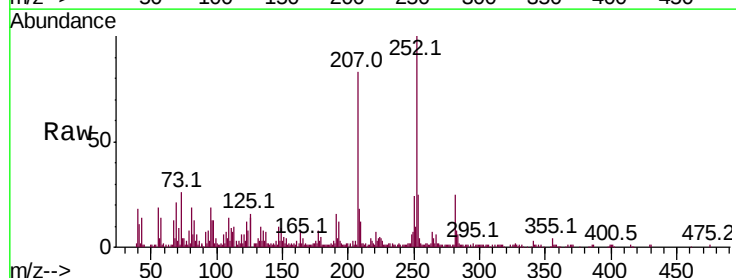
Tgt Ion:252 Resp: 146600

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

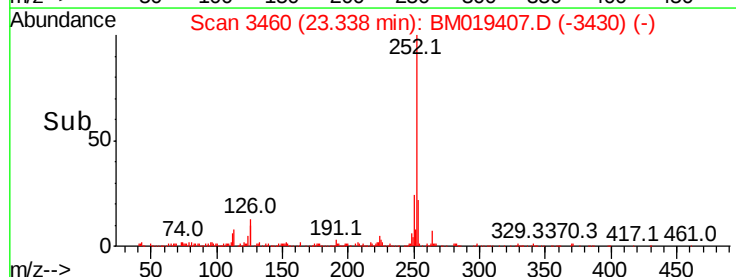
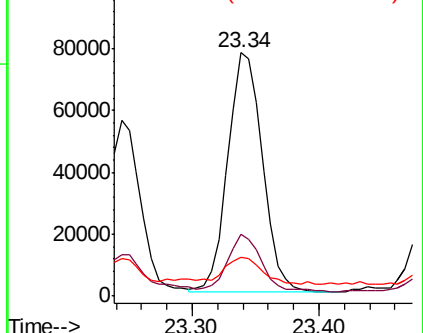
125 15.7 5.8 8.6#

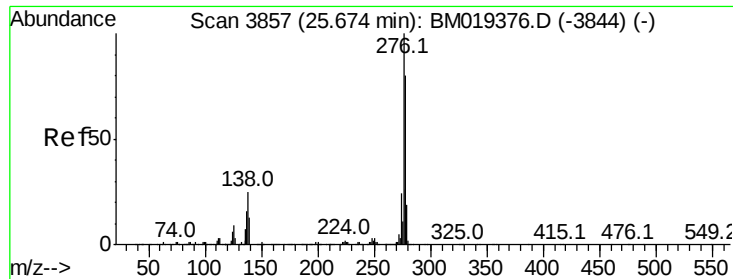


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



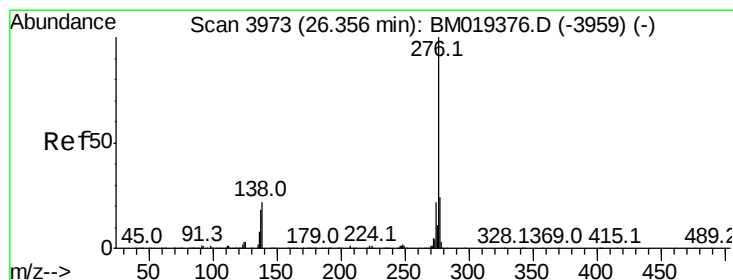
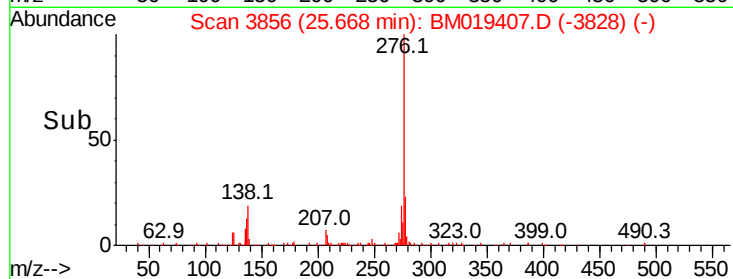
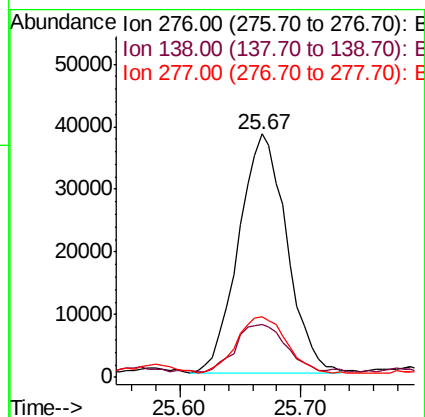
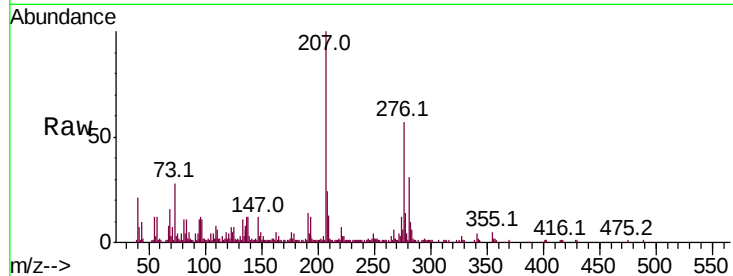


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.643 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. -0.04 min
Lab File: BM019407.D
Acq: 25 Mar 2019 00:13

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	10.9	16.3#
277	25.0	18.9	28.3



#94

Benzo(g,h,i)perylene
Concen: 1.689 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. -0.03 min
Lab File: BM019407.D
Acq: 25 Mar 2019 00:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	11.2	16.8#
277	24.5	19.0	28.6

