

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
 Data File : BM014496.D
 Acq On : 06 Mar 2018 12:06
 Operator : SJ/JU
 Sample : J1631-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 13:05:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 06 12:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	109222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	404502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	212829	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	444630	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	402763	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	393284	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3092	1.21	ng/uL	0.00
5) Phenol-d5	6.74	99	42760	4.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	27963	5.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	39364	5.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	22023	2.73	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	17713	5.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	18162	5.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	19577	3.05	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	4678	0.74	ng/ul	0.03
43) Dimethylphthalate-d6	13.60	166	112622	6.41	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	128302	5.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	492	0.20	ng/ul	0.03
57) Fluorene-d10	15.17	176	92617	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	2349	0.88	ng/ul	0.01
70) Anthracene-d10	17.04	188	134415	6.27	ng/ul	0.00
76) Pyrene-d10	19.34	212	144410	6.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	120784	6.31	ng/ul	0.00

Target Compounds

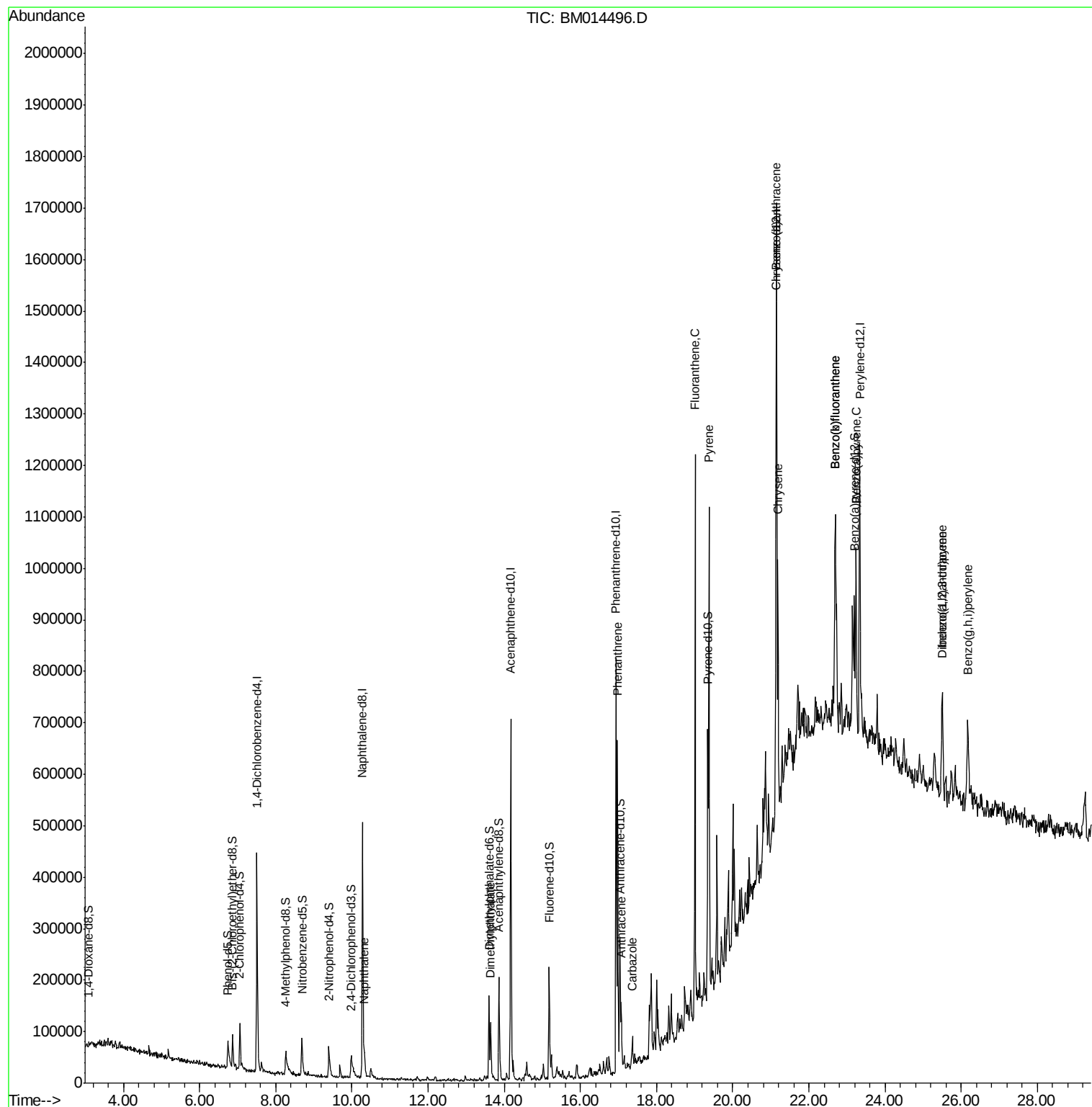
					Ovalue	
28) Naphthalene	10.33	128	25957	1.249	ng/ul#	95
44) Dimethylphthalate	13.64	163	64354	3.713	ng/ul	96
69) Phenanthrene	16.97	178	358797	14.006	ng/ul	99
71) Anthracene	17.07	178	73599	2.857	ng/ul	96
72) Carbazole	17.36	167	30130	1.391	ng/ul	97
74) Fluoranthene	19.01	202	587793	19.205	ng/ul#	96
77) Pyrene	19.37	202	514863	19.235	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	271417	10.798	ng/ul	98
82) Chrysene	21.19	228	266833	11.379	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	333869	12.678	ng/ul#	98
86) Benzo(k)fluoranthene	22.69	252	333869	13.335	ng/ul#	96
88) Benzo(a)pyrene	23.24	252	231177	9.824	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	167810	7.349	ng/ul	97
90) Dibenzo(a,h)anthracene	25.49	278	25592	1.349	ng/ul#	87
91) Benzo(g,h,i)perylene	26.17	276	126986	6.865	ng/ul	95

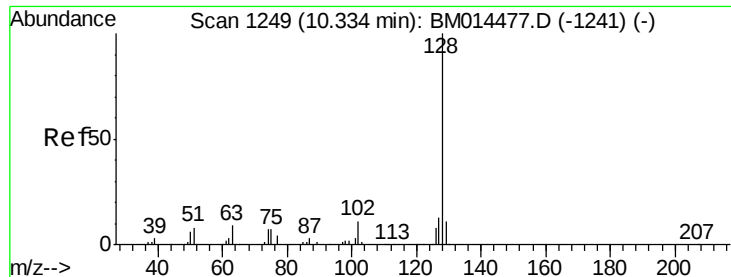
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
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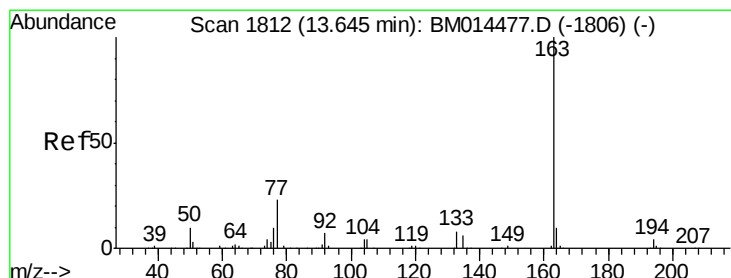
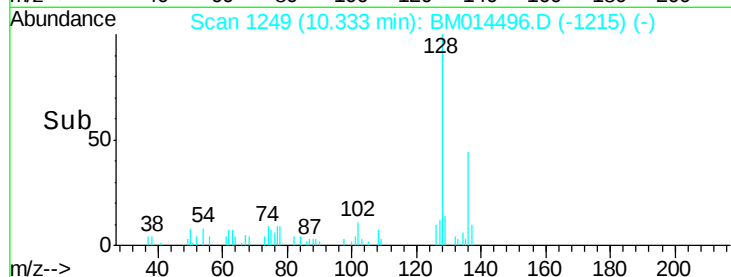
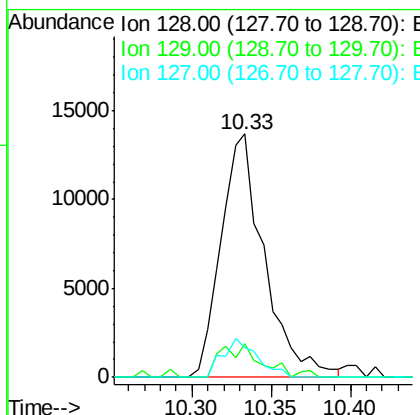
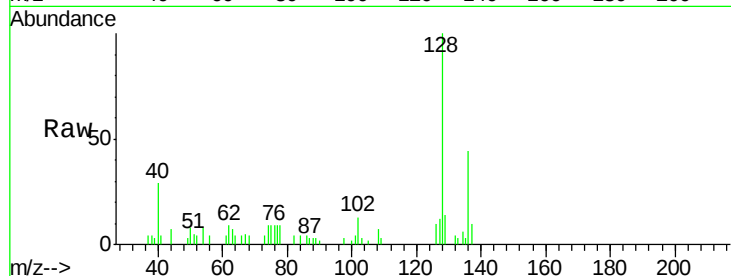




#28
Naphthalene
Concen: 1.249 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

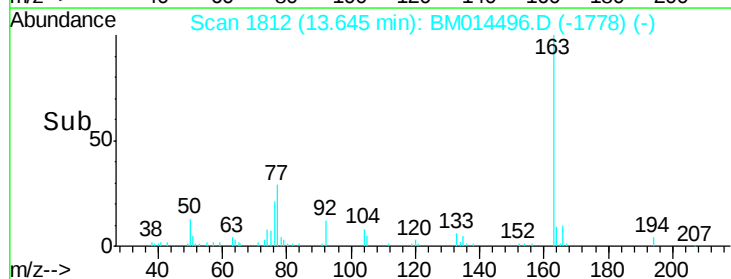
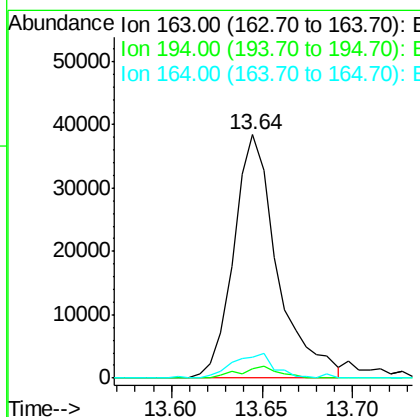
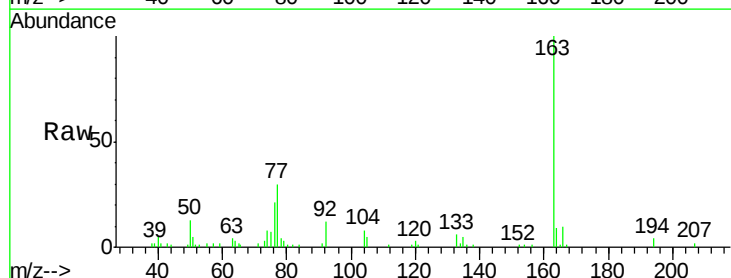
Instrument :
BNA_M
ClientSampleId :

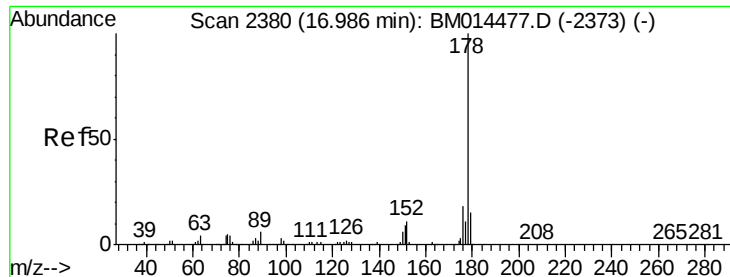
Tot Ion:128 Resp: 25957
Ion Ratio Lower Upper
128 100
129 13.7 8.8 13.2#
127 12.0 10.6 16.0



#44
Dimethylphthalate
Concen: 3.713 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Tgt Ion:163 Resp: 64354
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 8.7 8.2 12.4





#69

Phenanthrene

Concen: 14.006 ng/ul

RT: 16.97 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

ClientSampleId :

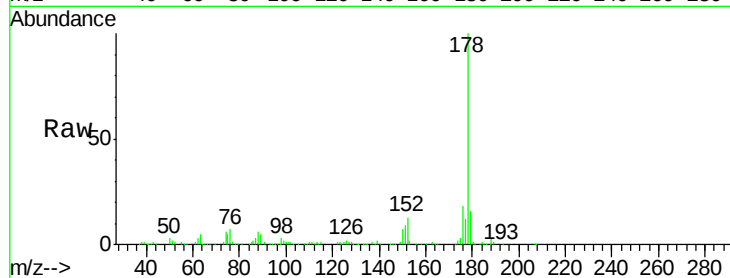
Tot Ion:178 Resp: 358797

Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

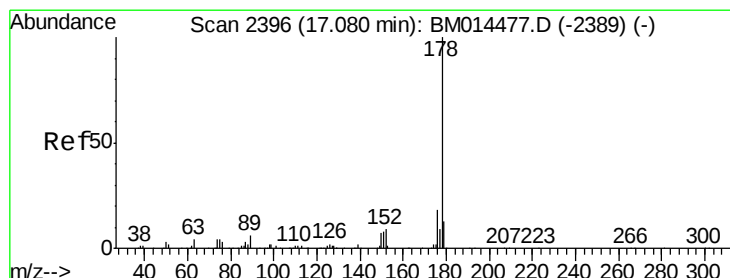
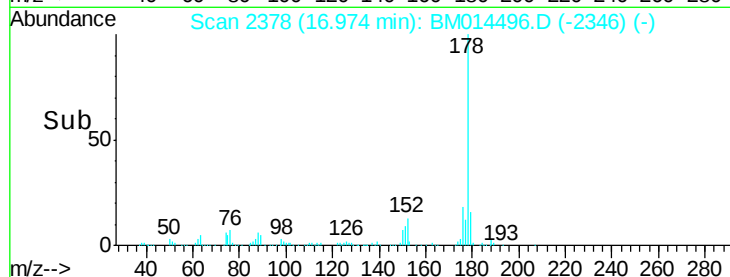
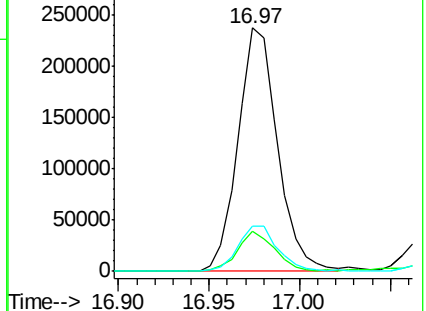
176 18.4 14.9 22.3



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



#71

Anthracene

Concen: 2.857 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

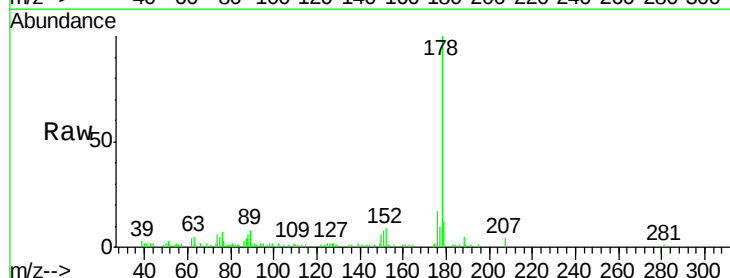
Tgt Ion:178 Resp: 73599

Ion Ratio Lower Upper

178 100

179 12.1 11.7 17.5

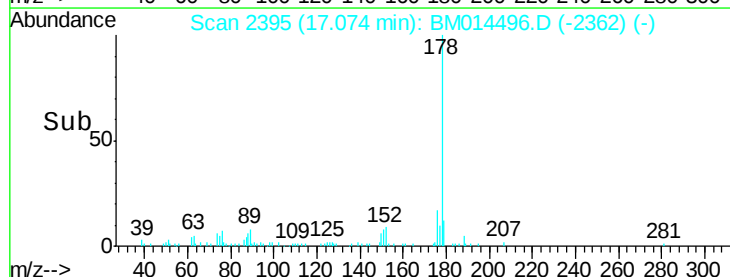
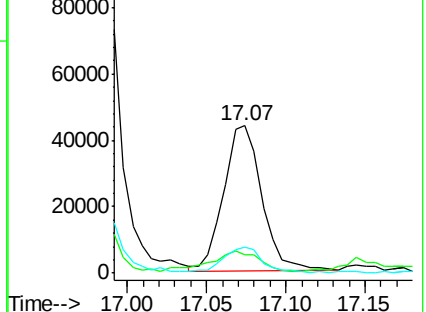
176 17.3 14.6 21.8

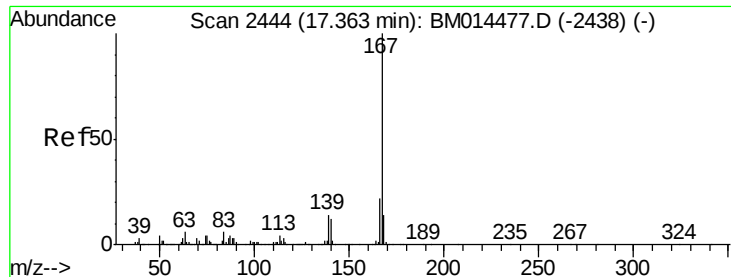


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.391 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

ClientSampleId :

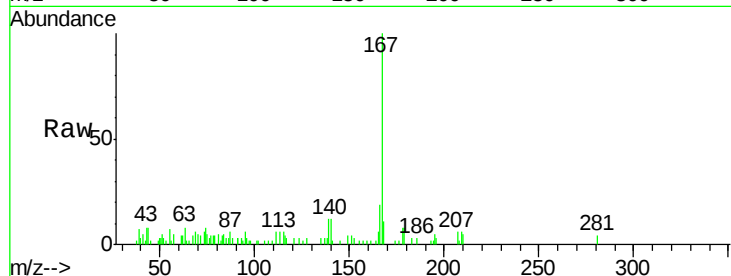
Tot Ion:167 Resp: 30130

Ion Ratio Lower Upper

167 100

166 19.2 17.1 25.7

139 12.0 10.0 15.0

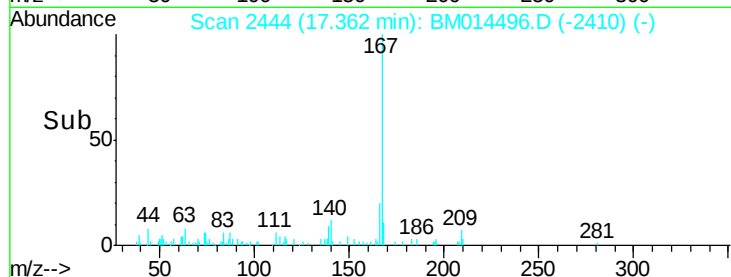


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.30 17.35 17.40

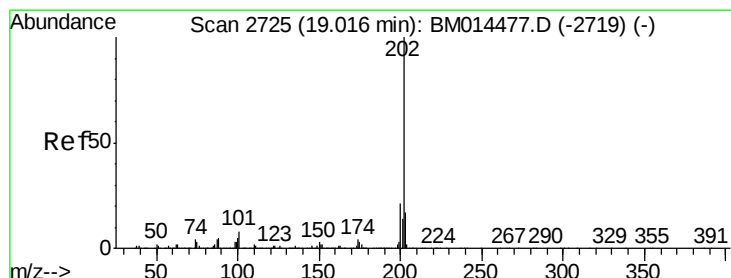


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 202.00 (201.70 to 202.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 18.95 19.00 19.05



#74

Fluoranthene

Concen: 19.205 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

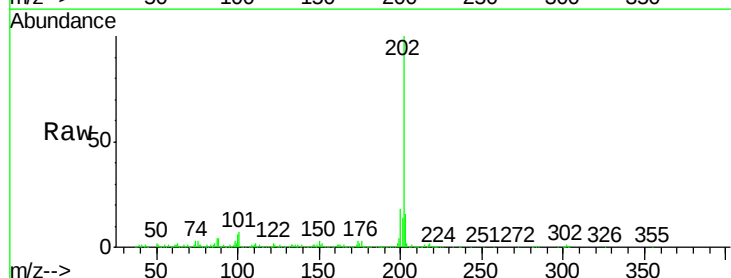
Tgt Ion:202 Resp: 587793

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

100 5.9 3.4 5.2#

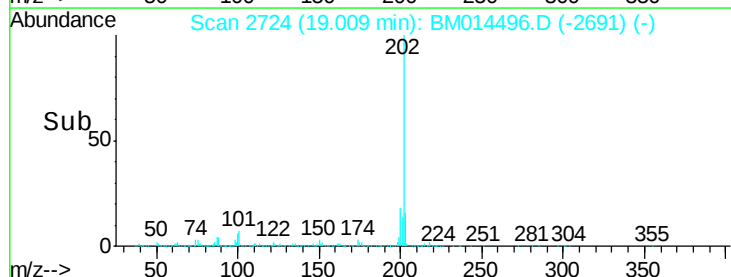


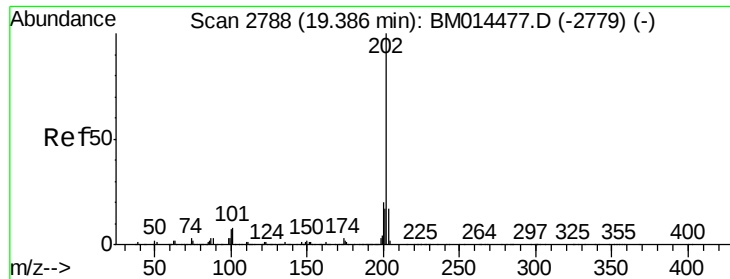
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 18.95 19.00 19.05

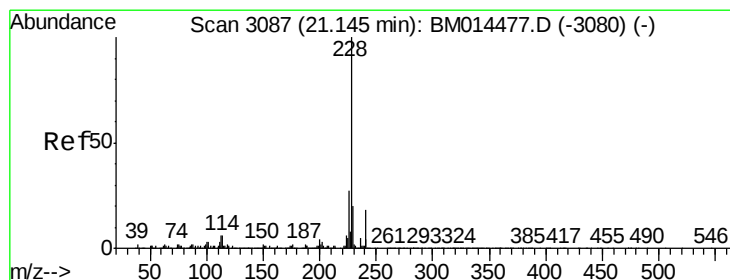
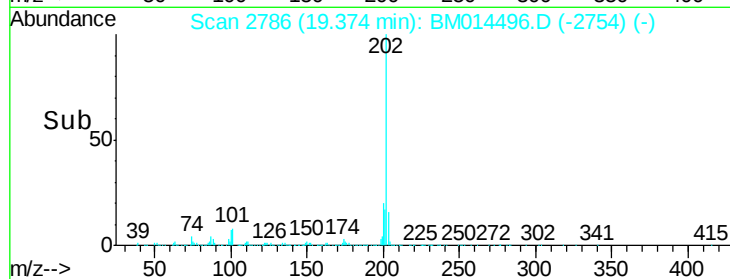
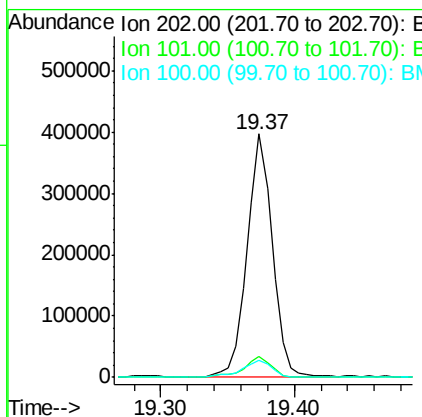
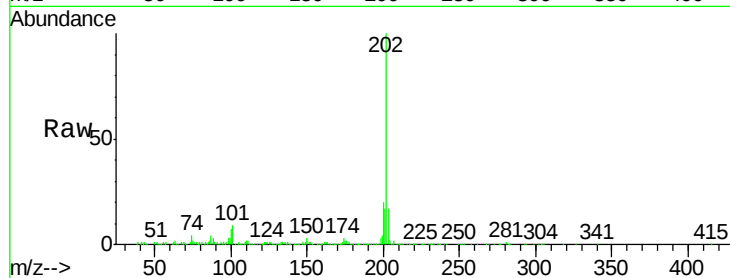




#77
Pvrene
Concen: 19.235 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

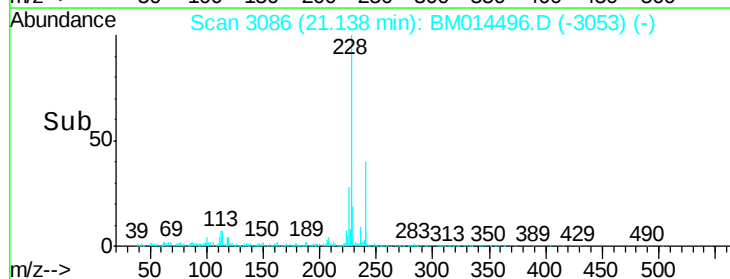
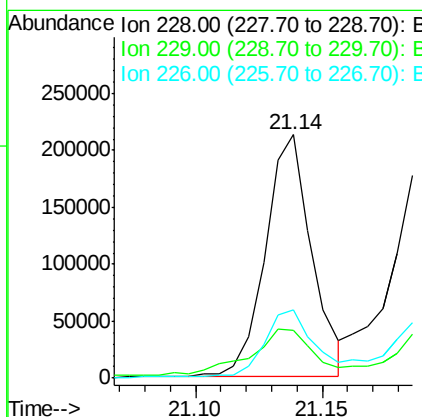
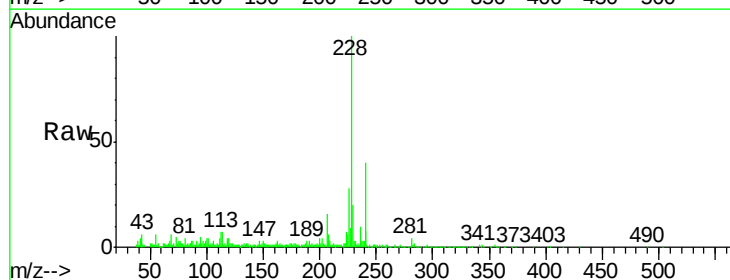
Instrument :
BNA_M
ClientSampled :

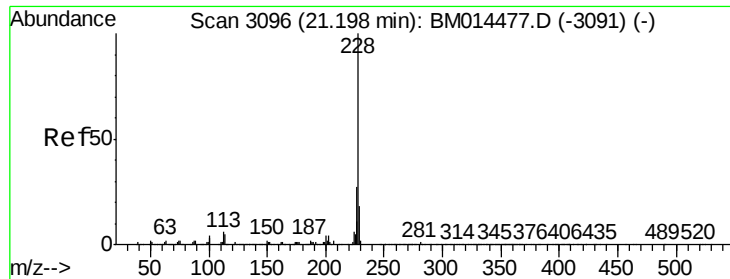
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	6.9	4.9	7.3



#80
Benzo(a)anthracene
Concen: 10.798 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	28.1	21.4	32.0





#82

Chrysene

Concen: 11.379 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

ClientSampleId :

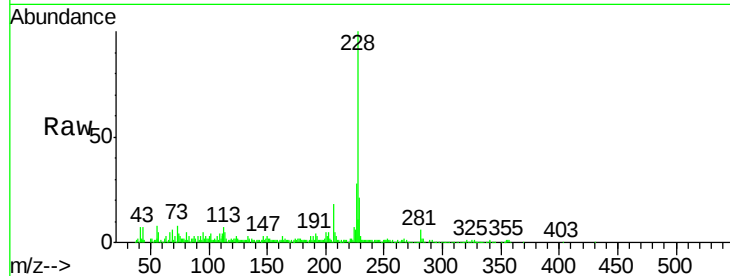
Tot Ion:228 Resp: 266833

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

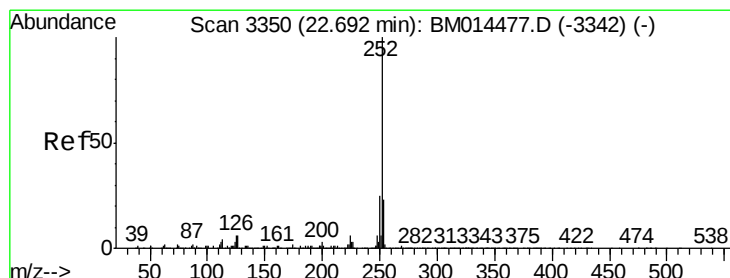
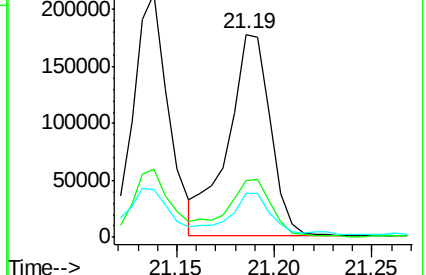
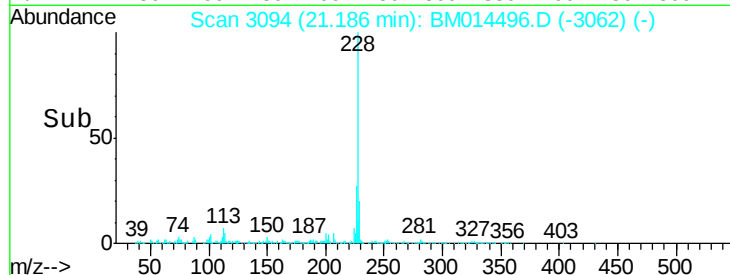
229 21.4 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 12.678 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

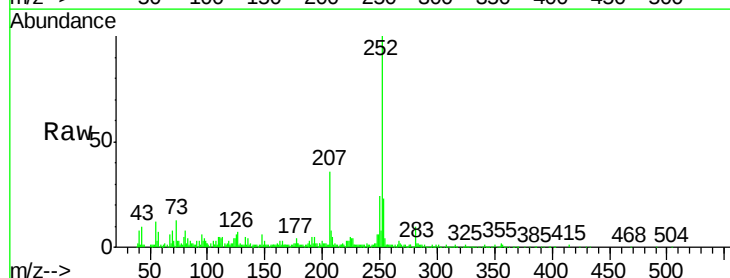
Tgt Ion:252 Resp: 333869

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

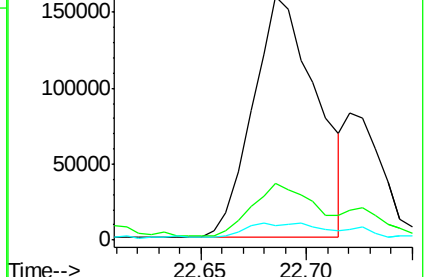
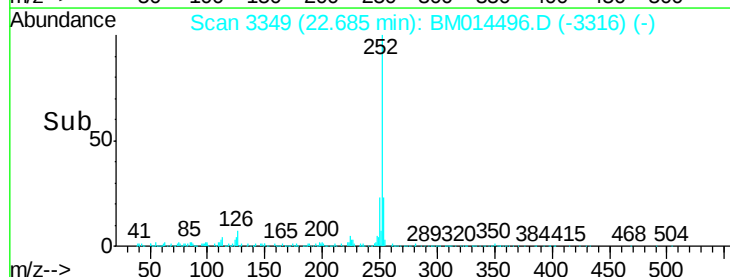
125 5.8 3.6 5.4#

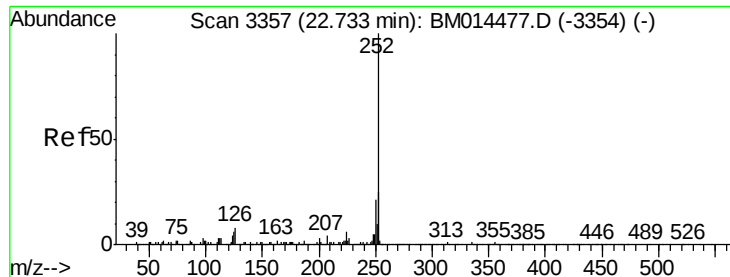


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 13.335 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. -0.05 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

ClientSampleId :

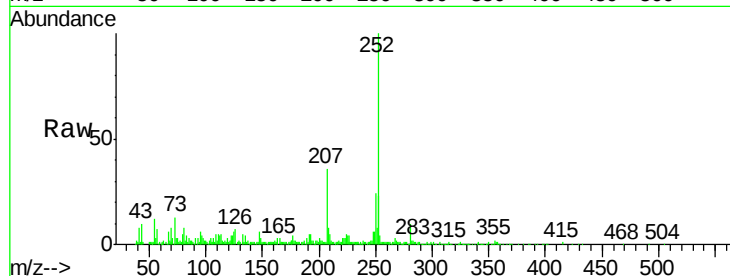
Tot Ion:252 Resp: 333869

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

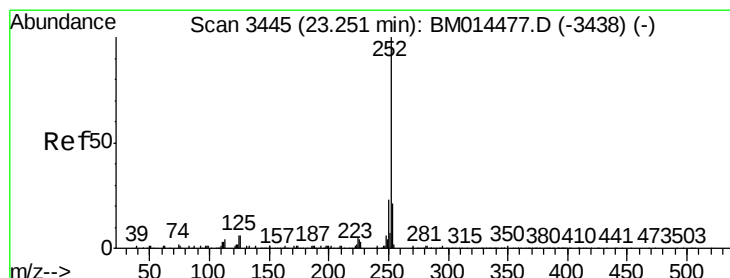
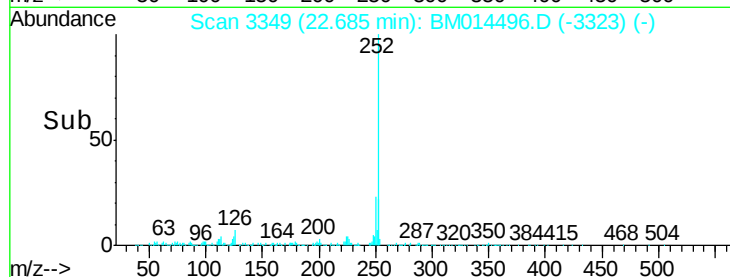
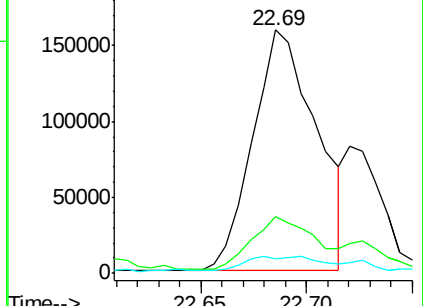
125 5.8 3.4 5.2#



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(a)pyrene

Concen: 9.824 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

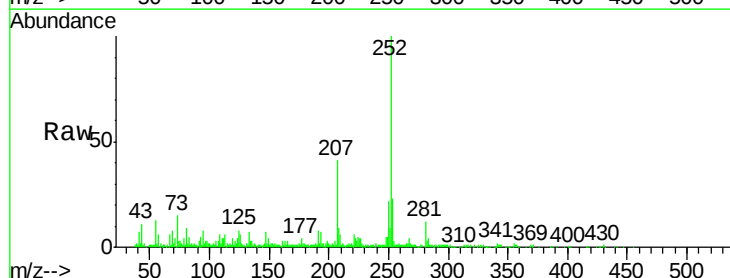
Tgt Ion:252 Resp: 231177

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

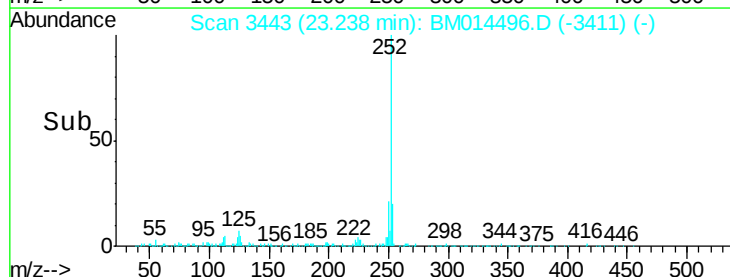
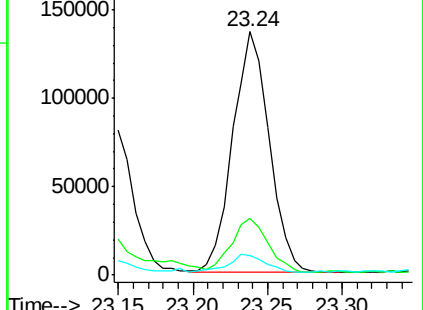
125 8.1 4.0 6.0#

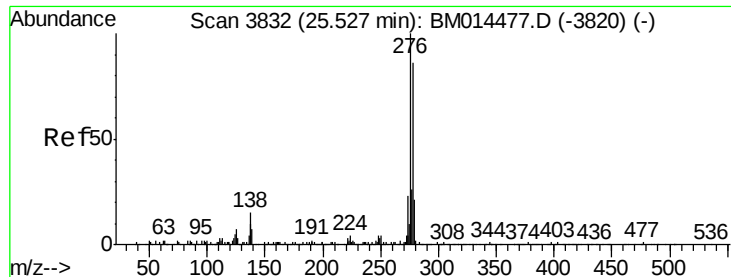


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



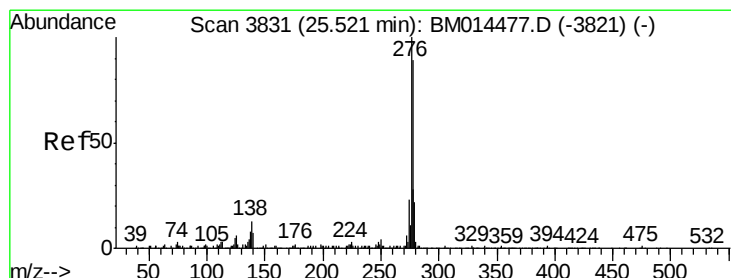
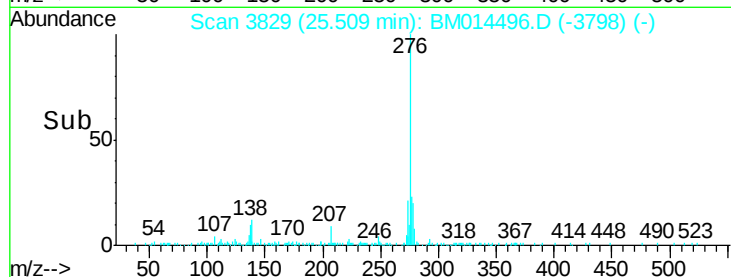
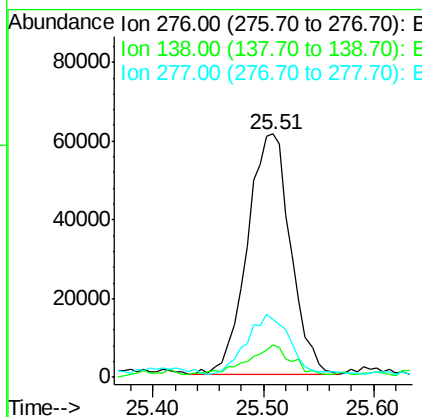
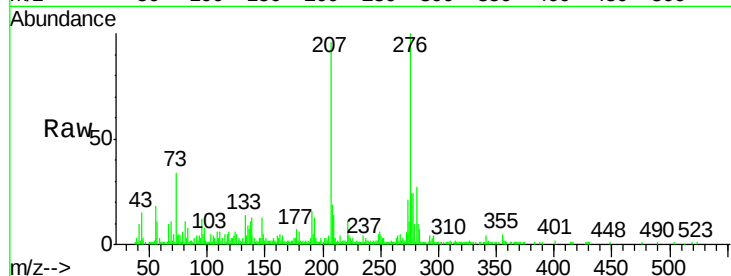


#89

Indeno(1,2,3-cd)pyrene
Concen: 7.349 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. -0.02 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Instrument :
BNA_M
ClientSampleId :

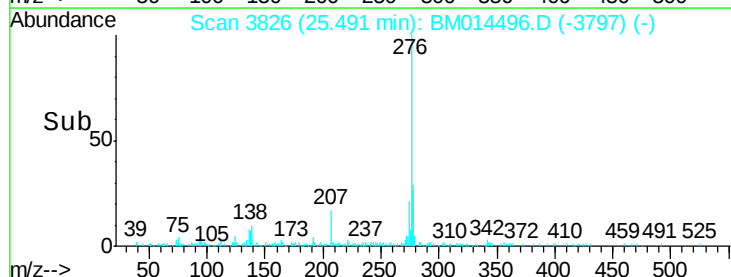
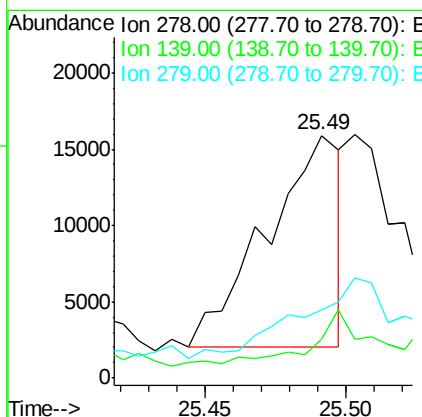
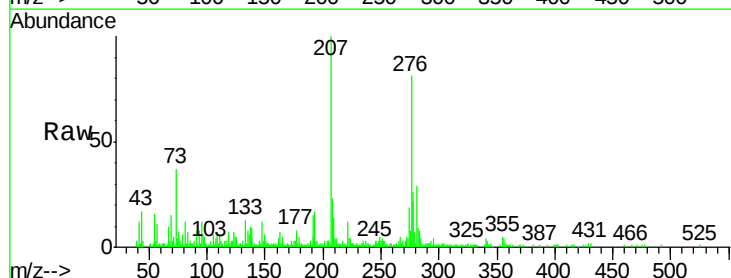
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	9.3	13.9
277	24.0	19.9	29.9

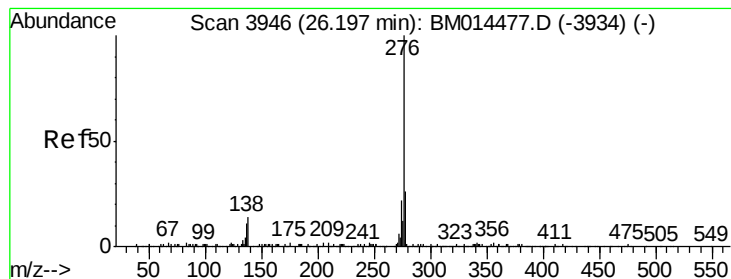


#90

Dibenzo(a,h)anthracene
Concen: 1.349 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. -0.03 min
Lab File: BM014496.D
Acq: 06 Mar 2018 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	5.8	8.8#
279	27.9	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 6.865 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM014496.D

Acq: 06 Mar 2018 12:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 126986

Ion Ratio Lower Upper

276 100

138 10.6 8.5 12.7

277 26.8 18.6 28.0

