

Data File : BM022429.D
Acq On : 30 Aug 2019 04:04
Operator : HP/JU
Sample : K4596-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Quant Time: Aug 30 07:55:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19848	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	70440	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	44961	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	106434	20.00	ng	0.00
76) Chrysene-d12	21.17	240	137425	20.00	ng	0.00
87) Perylene-d12	23.35	264	154480	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	111234	98.37	ng	0.00
7) Phenol-d6	6.72	99	142751	94.41	ng	0.00
23) Nitrobenzene-d5	8.69	82	102151	63.52	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	86026	93.50	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	247222	62.29	ng	0.00
79) Terphenyl-d14	19.60	244	583081	56.00	ng	0.00

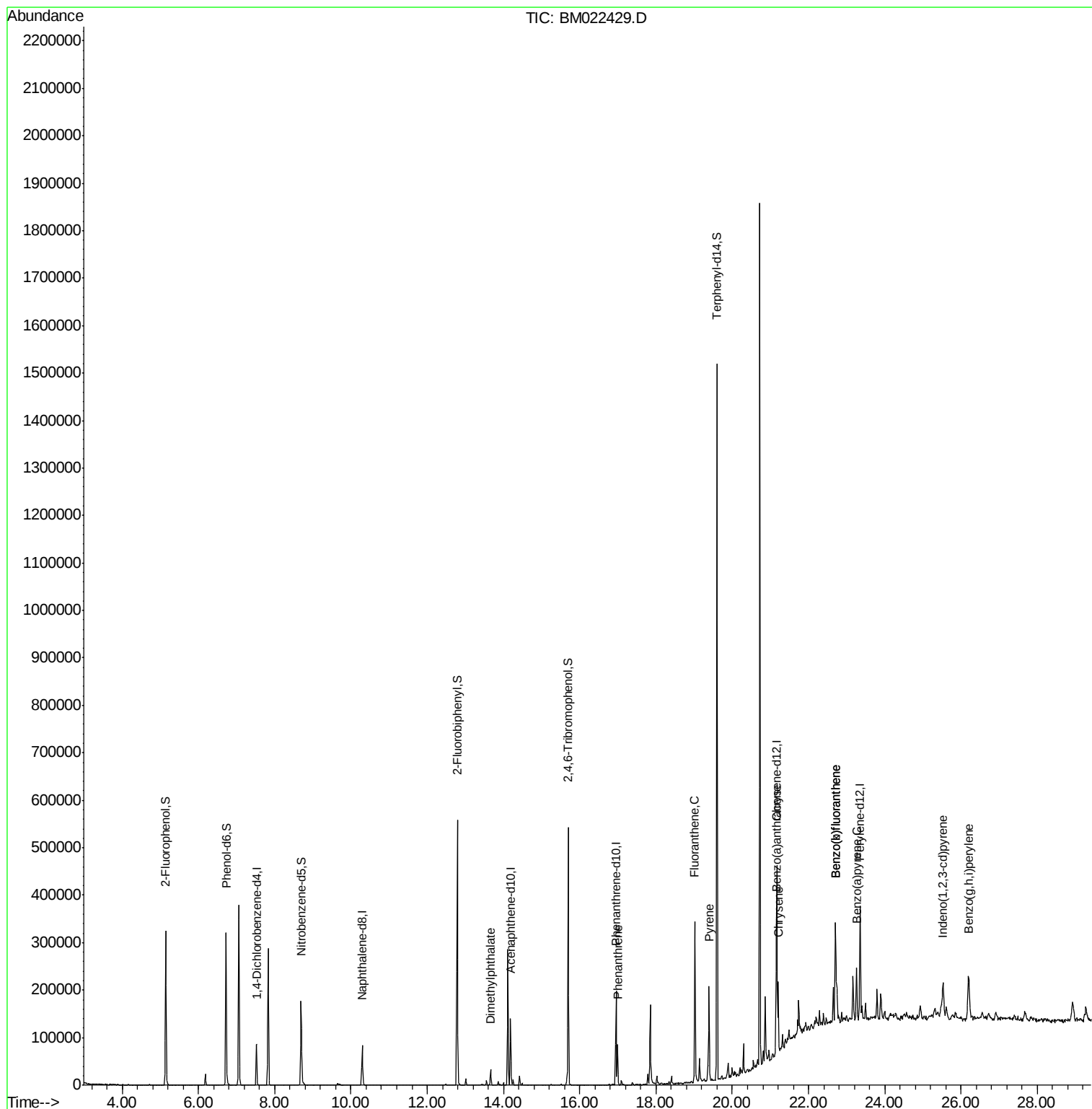
Target Compounds				Qvalue		
50) Dimethylphthalate	13.66	163	23505	6.011	ng	97
71) Phenanthrene	16.99	178	49178	7.927	ng	99
75) Fluoranthene	19.02	202	152970	18.515	ng	98
78) Pyrene	19.39	202	120842	12.903	ng	98
81) Benzo(a)anthracene	21.15	228	61763	6.262	ng	99
83) Chrysene	21.20	228	77120	8.214	ng	97
86) Indeno(1,2,3-cd)pyrene	25.53	276	63645	6.739	ng	97
88) Benzo(b)fluoranthene	22.70	252	129950	12.109	ng	# 98
89) Benzo(k)fluoranthene	22.70	252	129950	12.206	ng	# 96
90) Benzo(a)pyrene	23.26	252	71053	7.459	ng	# 97
92) Benzo(g,h,i)perylene	26.21	276	65689	7.935	ng	99

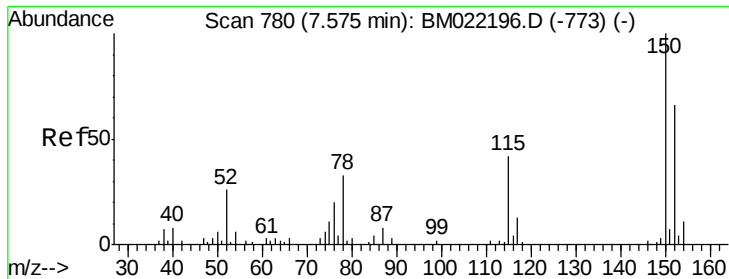
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM022429.D
Acq On : 30 Aug 2019 04:04
Operator : HP/JU
Sample : K4596-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Quant Time: Aug 30 07:55:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

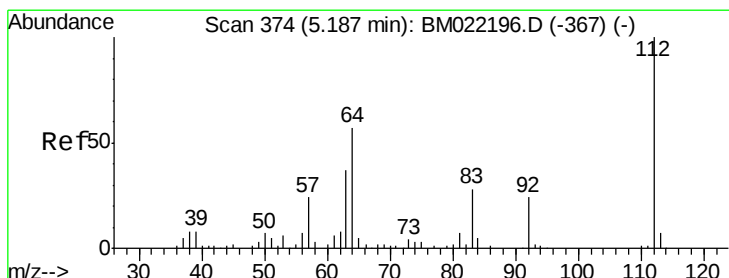
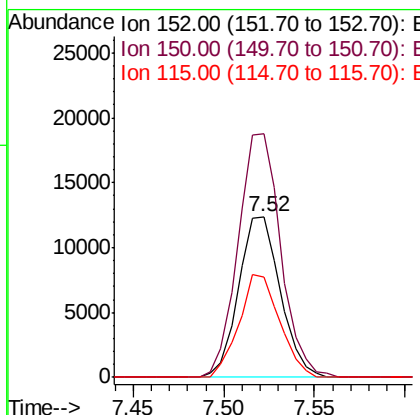
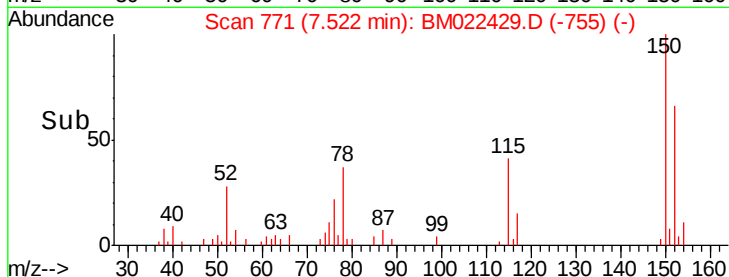
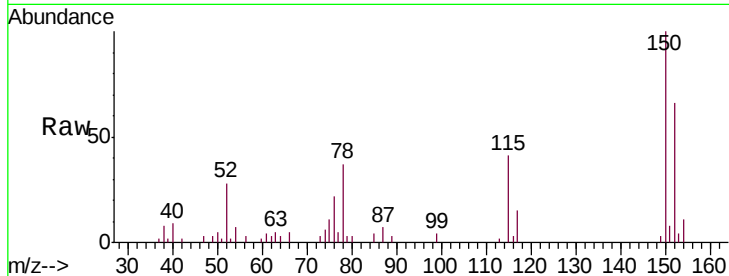




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

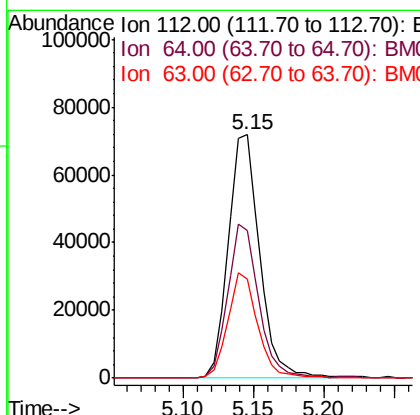
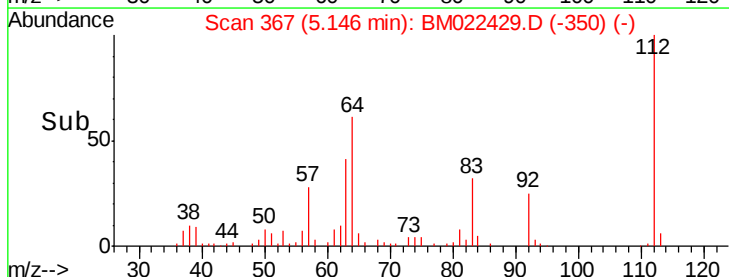
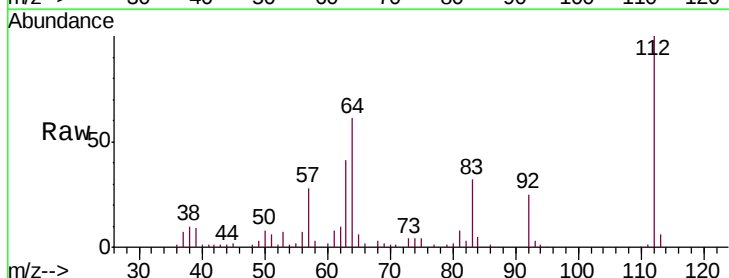
Instrument :
 BNA_M
 ClientSampleId :
 S403-K1-1.0-1.5-082819-FD

Tgt Ion:152 Resp: 19848
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.4 188.0
 115 62.7 50.3 75.5



#5
 2-Fluorophenol
 Concen: 98.374 ng
 RT: 5.15 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Tgt Ion:112 Resp: 111234
 Ion Ratio Lower Upper
 112 100
 64 60.6 45.4 68.2
 63 40.9 34.5 51.7





#7

Phenol-d6

Concen: 94.407 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Instrument :

BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

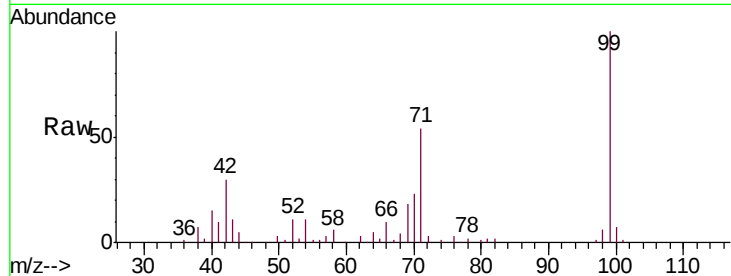
Tgt Ion: 99 Resp: 142751

Ion Ratio Lower Upper

99 100

42 29.8 26.3 39.5

71 53.8 46.6 69.8

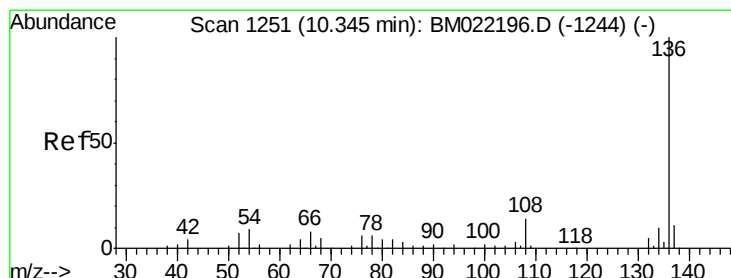
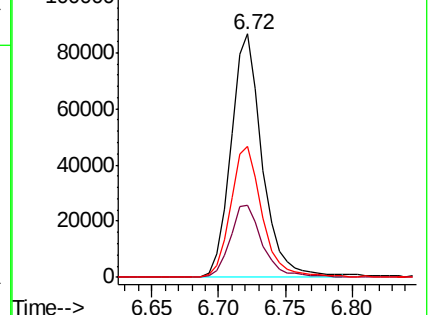
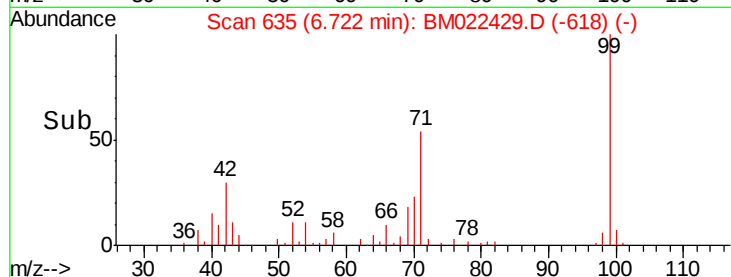


Abundance

Ion 99.00 (98.70 to 99.70): BM022429.D (-618) (-)

Ion 42.00 (41.70 to 42.70): BM022429.D (-618) (-)

Ion 71.00 (70.70 to 71.70): BM022429.D (-618) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Tgt Ion: 136 Resp: 70440

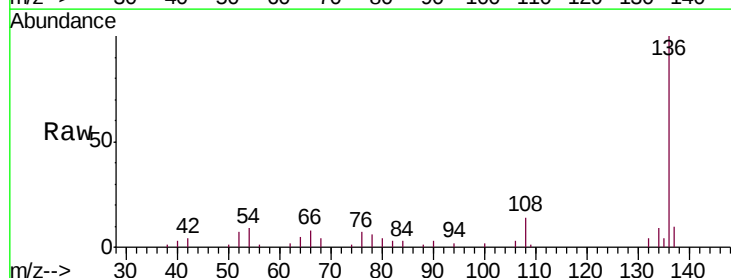
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 9.0 7.0 10.6

68 4.2 2.9 4.3



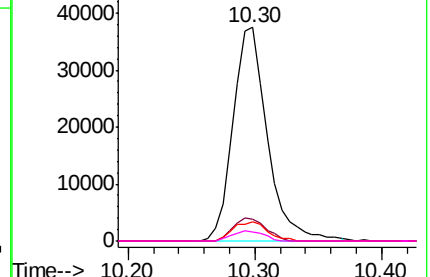
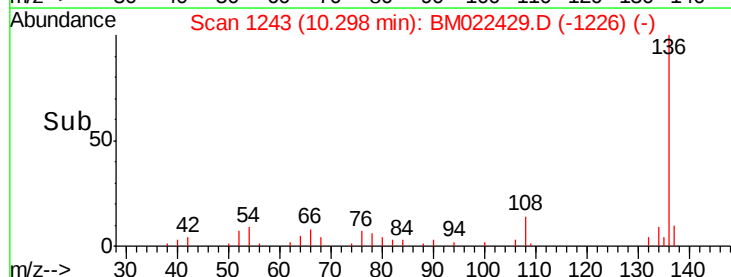
Abundance

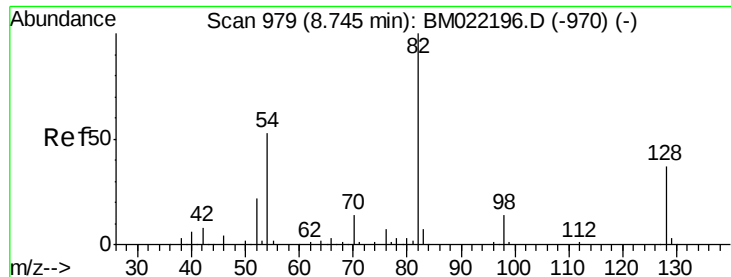
Ion 136.00 (135.70 to 136.70): BM022429.D (-1226) (-)

Ion 137.00 (136.70 to 137.70): BM022429.D (-1226) (-)

Ion 54.00 (53.70 to 54.70): BM022429.D (-1226) (-)

Ion 68.00 (67.70 to 68.70): BM022429.D (-1226) (-)

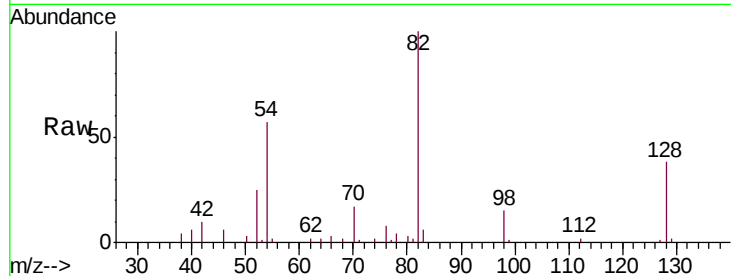




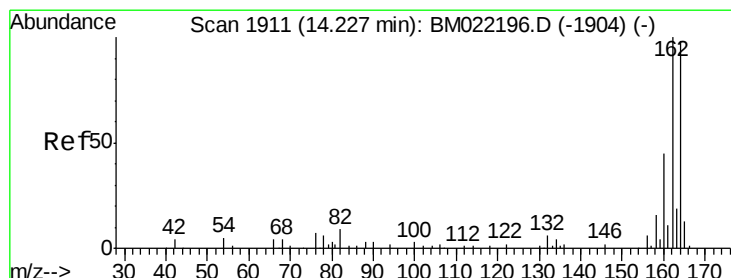
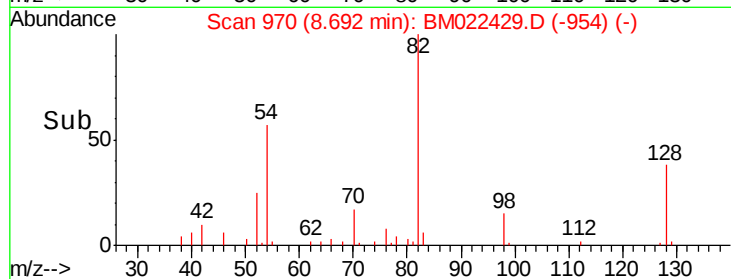
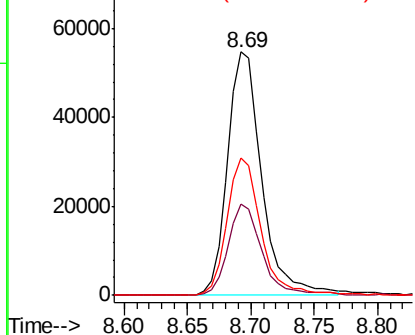
#23
 Nitrobenzene-d5
 Concen: 63.519 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Instrument :
 BNA_M
 ClientSampleId :
 S403-K1-1.0-1.5-082819-FD

Tgt Ion: 82 Resp: 102151
 Ion Ratio Lower Upper
 82 100
 128 37.5 27.9 41.9
 54 56.5 45.2 67.8

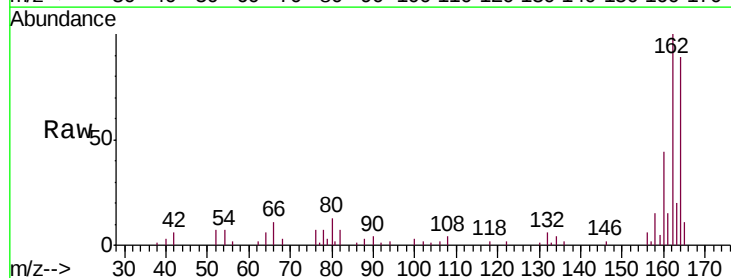


Abundance Ion 82.00 (81.70 to 82.70): BM
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM

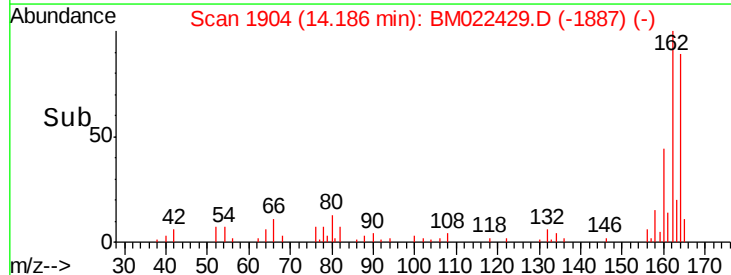
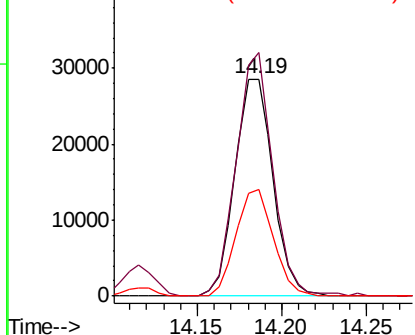


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Tgt Ion: 164 Resp: 44961
 Ion Ratio Lower Upper
 164 100
 162 112.1 80.6 121.0
 160 48.9 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

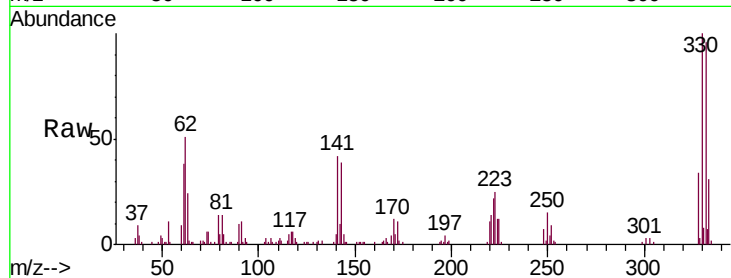




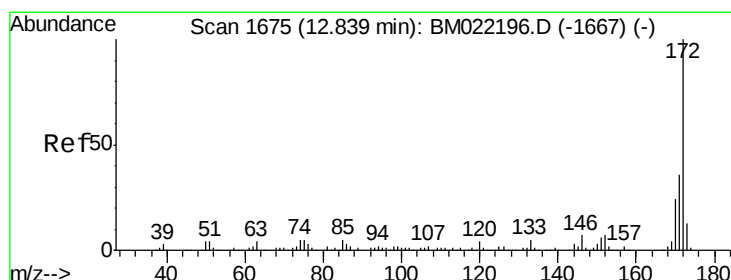
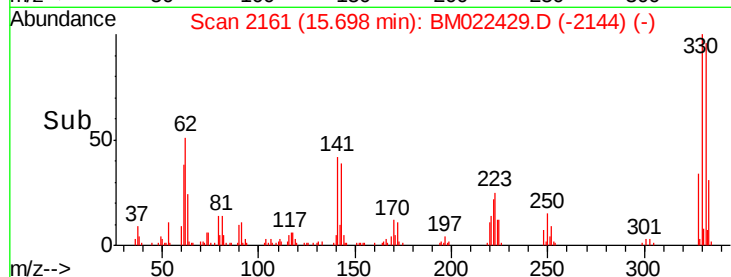
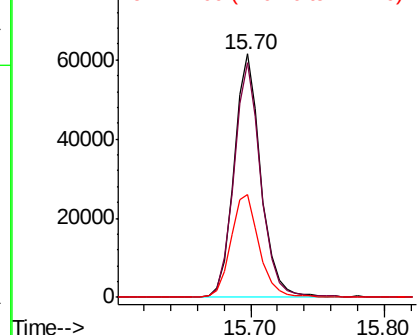
#42
 2,4,6-Tribromophenol
 Concen: 93.504 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Instrument :
 BNA_M
 ClientSampleId :
 S403-K1-1.0-1.5-082819-FD

Tgt Ion:330 Resp: 86026
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.8
 141 44.7 35.6 53.4

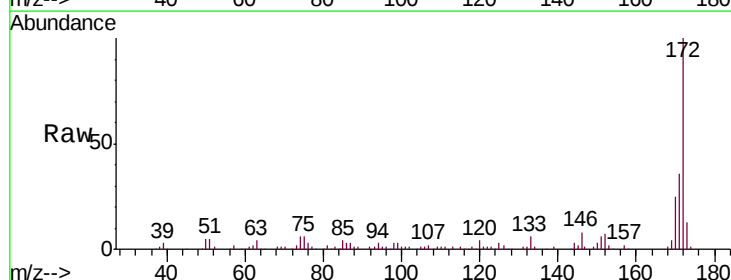


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

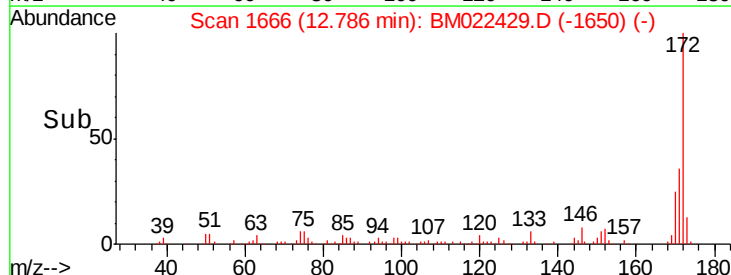
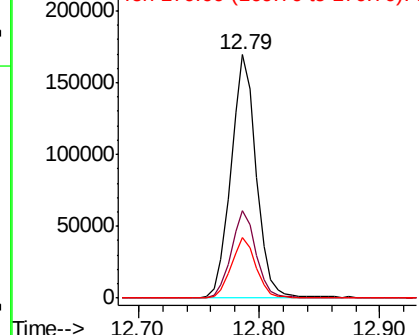


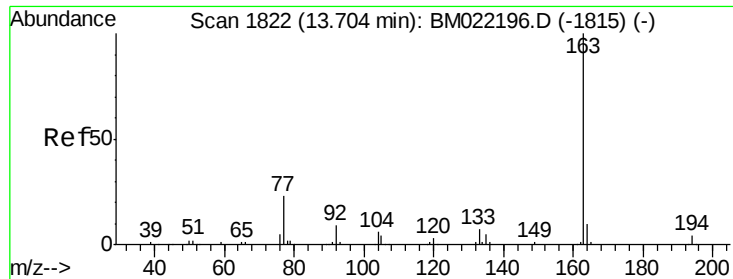
#45
 2-Fluorobiphenyl
 Concen: 62.291 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Tgt Ion:172 Resp: 247222
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 25.1 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.011 ng

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

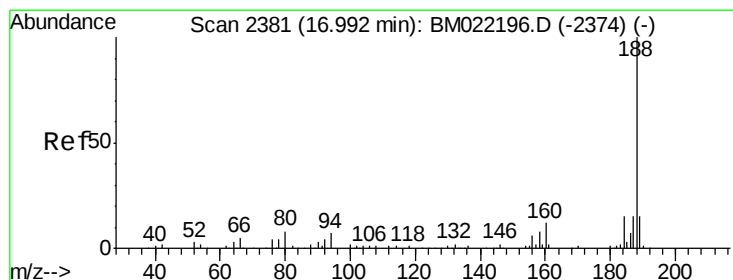
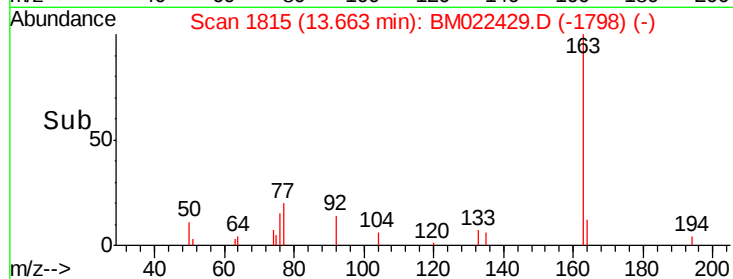
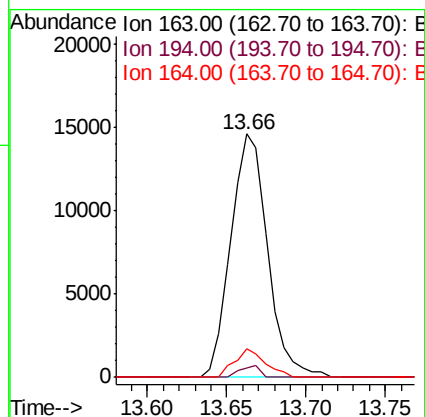
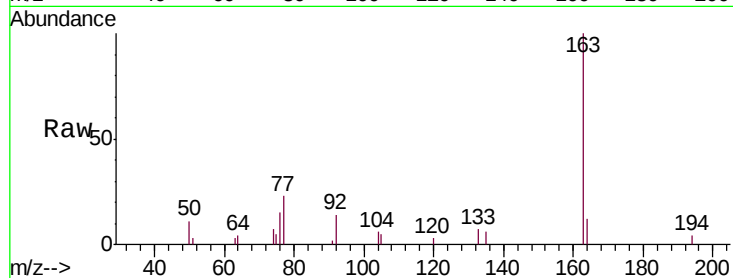
Instrument :

BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

Tgt Ion:	163	Resp:	23505
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	11.9	8.2	12.2



#64

Phenanthrene-d10

Concen: 20.000 ng

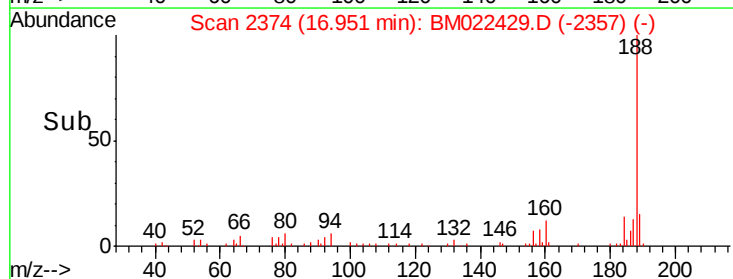
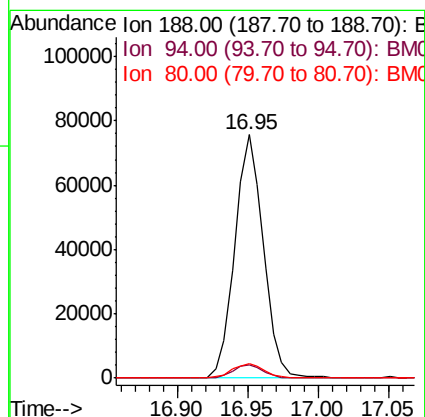
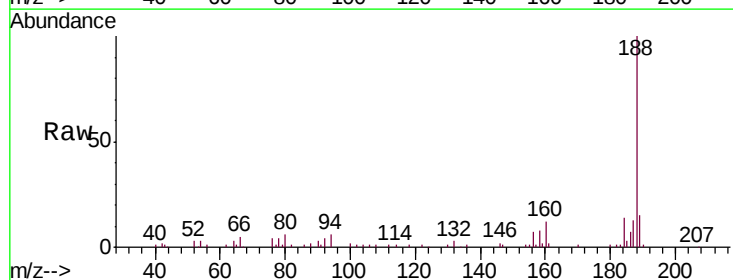
RT: 16.95 min Scan# 2374

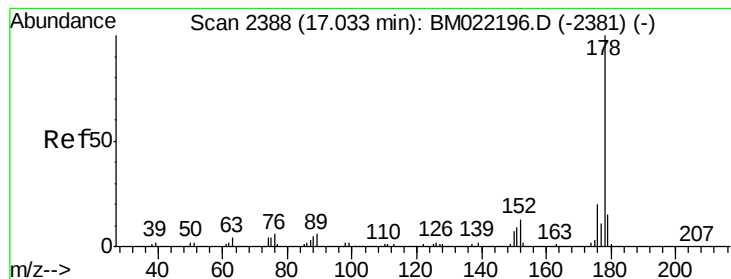
Delta R.T. -0.00 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Tgt Ion:	188	Resp:	106434
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.4	6.6
80	6.0	5.0	7.6





#71

Phenanthrene

Concen: 7.927 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Instrument :

BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

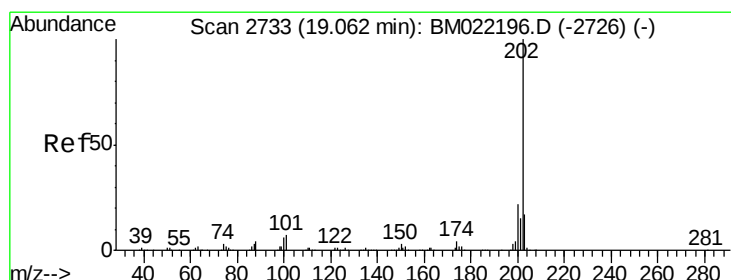
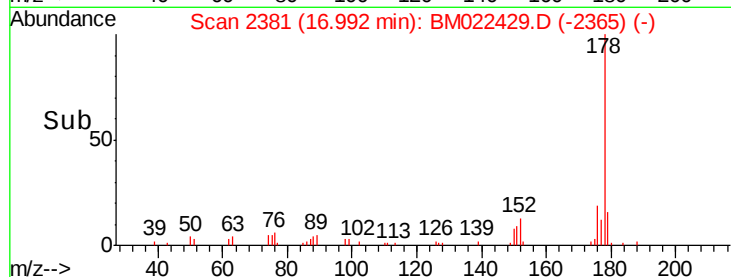
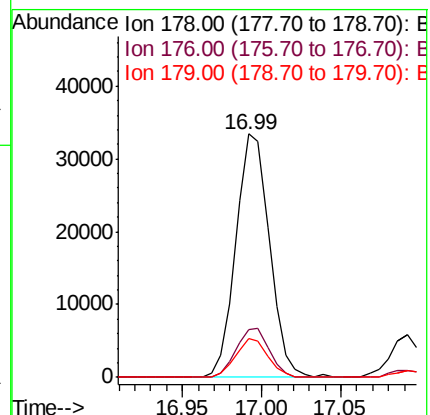
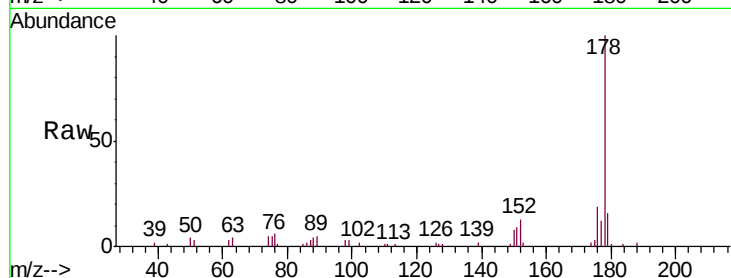
Tgt Ion:178 Resp: 49178

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 16.0 12.3 18.5



#75

Fluoranthene

Concen: 18.515 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

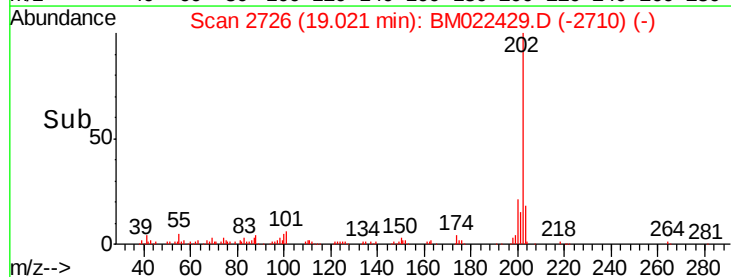
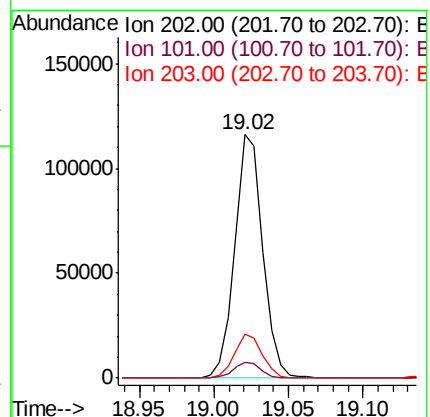
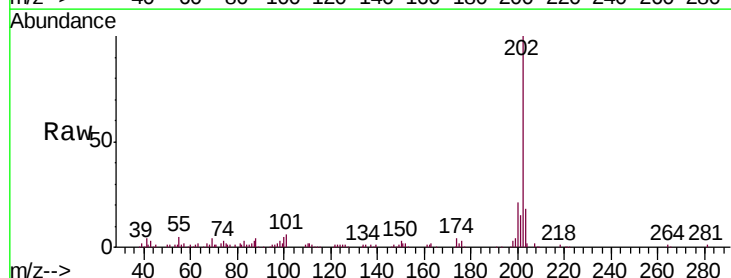
Tgt Ion:202 Resp: 152970

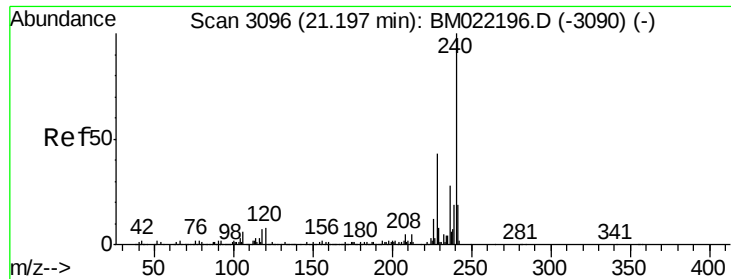
Ion Ratio Lower Upper

202 100

101 6.3 0.0 25.1

203 17.9 0.0 37.1

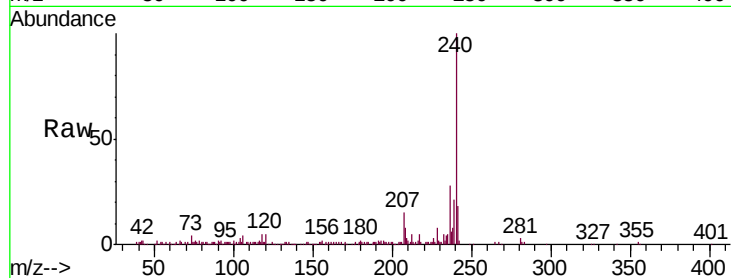




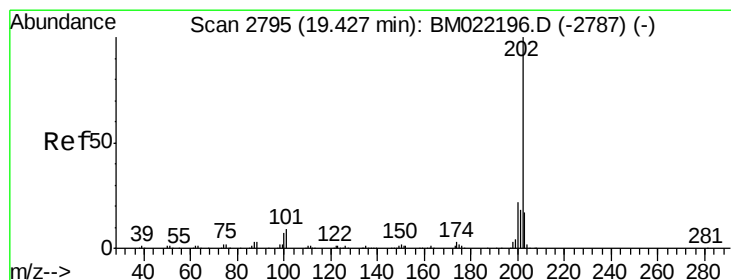
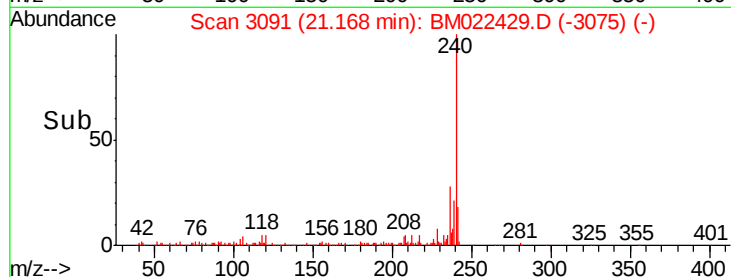
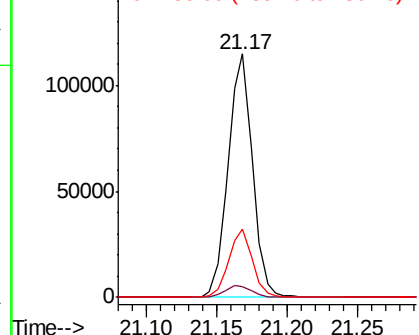
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Tgt Ion:240 Resp: 137425
Ion Ratio Lower Upper
240 100
120 4.6 3.9 5.9
236 28.0 21.4 32.2

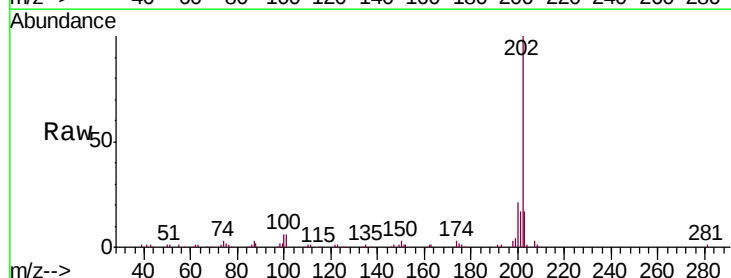


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

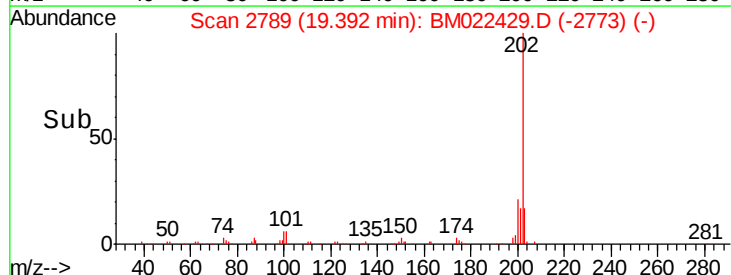
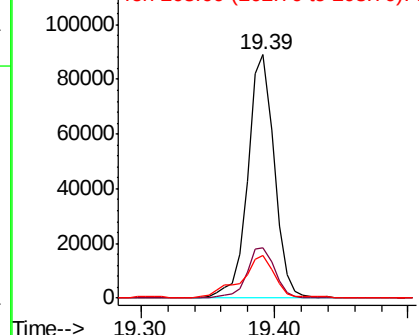


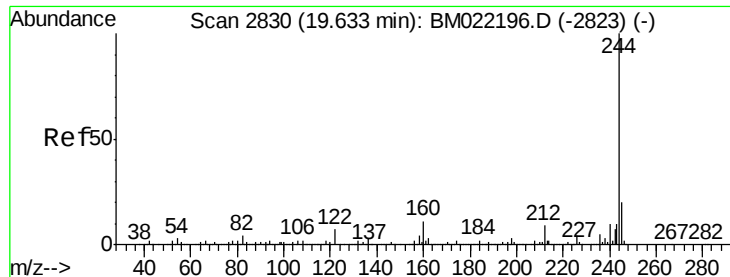
#78
Pyrene
Concen: 12.903 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:202 Resp: 120842
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

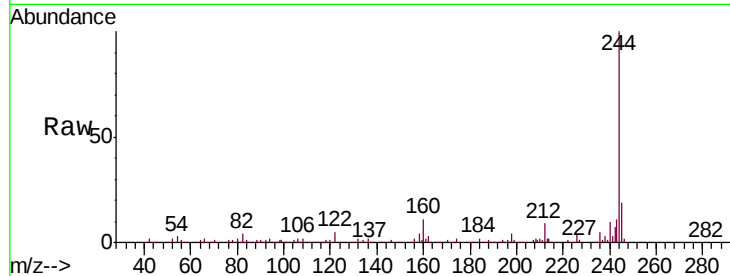




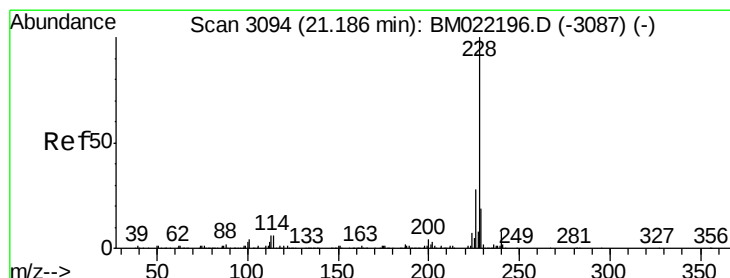
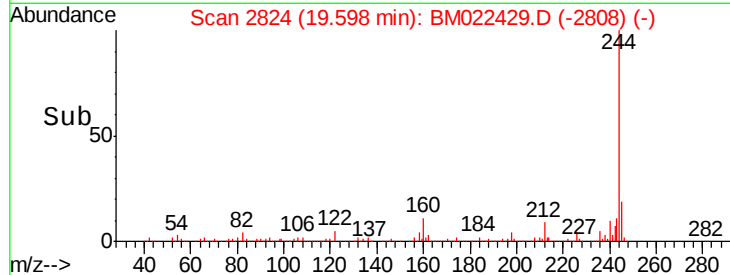
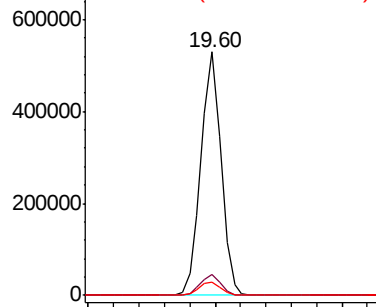
#79
 Terphenyl-d14
 Concen: 55.996 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Instrument :
 BNA_M
 ClientSampleId :
 S403-K1-1.0-1.5-082819-FD

Tgt Ion:	244	Resp:	583081
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	5.4	3.9	5.9

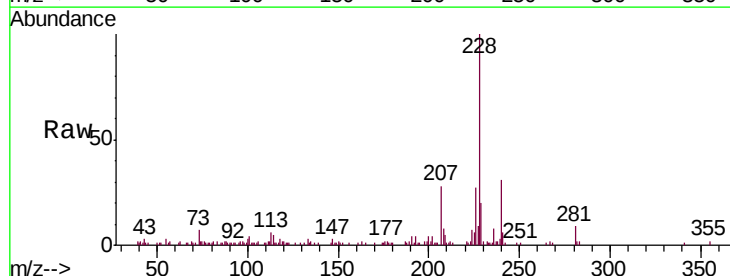


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

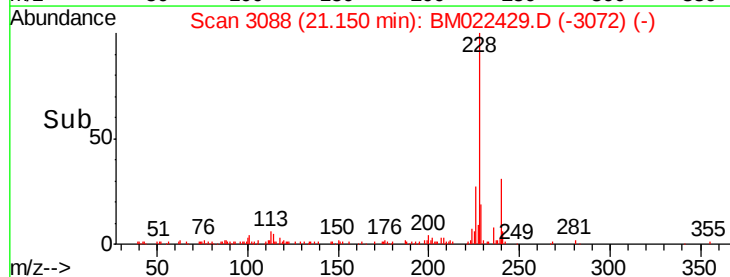
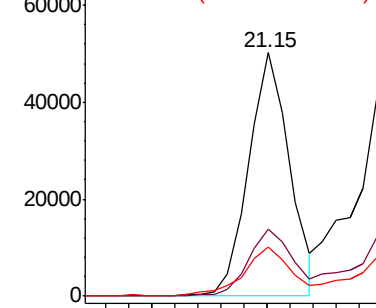


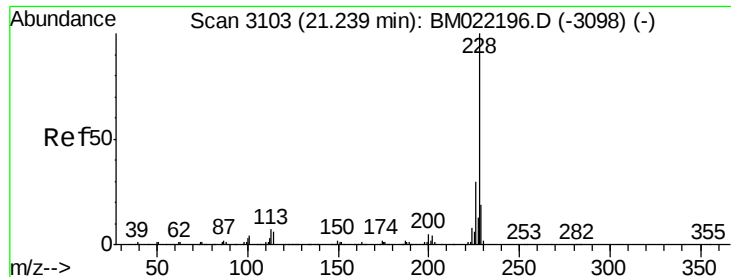
#81
 Benzo(a)anthracene
 Concen: 6.262 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM022429.D
 Acq: 30 Aug 2019 04:04

Tgt Ion:	228	Resp:	61763
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.2	15.9	23.9



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





#83

Chrysene

Concen: 8.214 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Instrument :

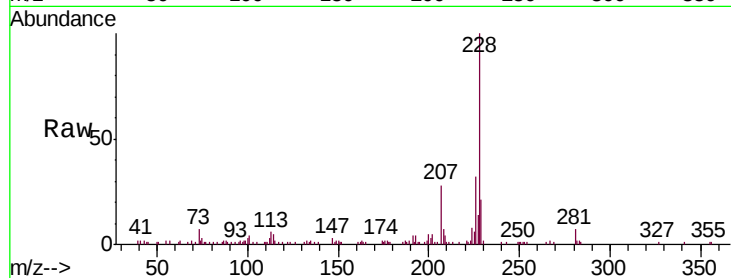
BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

Tgt Ion: 228 Resp: 77120

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	20.7	15.7	23.5

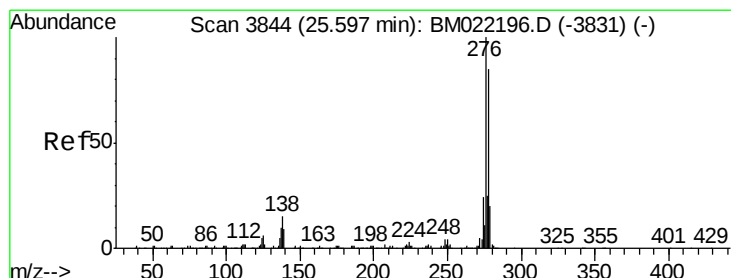
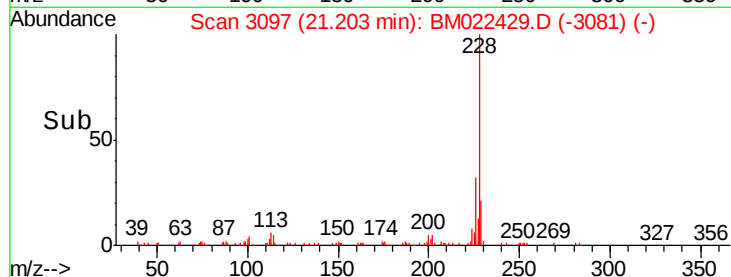
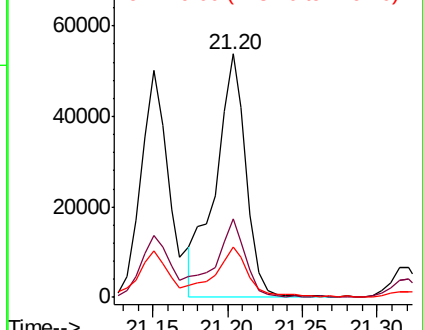


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.739 ng

RT: 25.53 min Scan# 3833

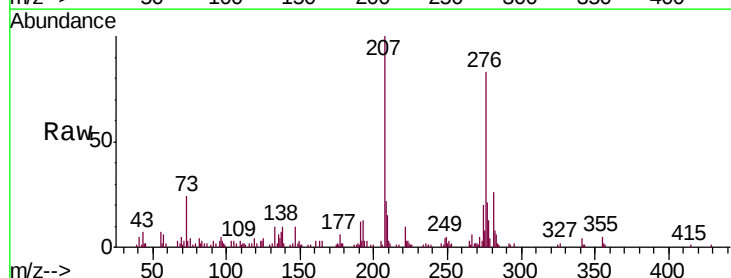
Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Tgt Ion: 276 Resp: 63645

Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.1	13.7
277	26.5	20.0	30.0

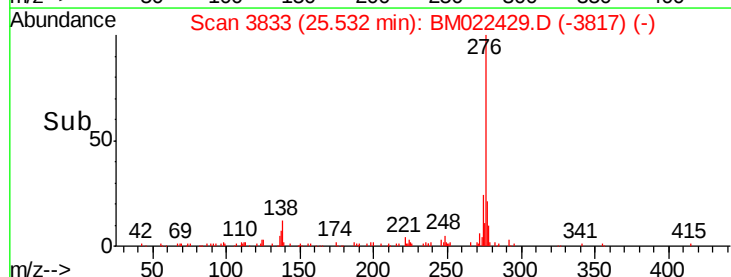
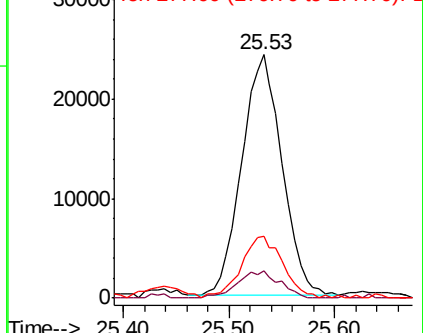


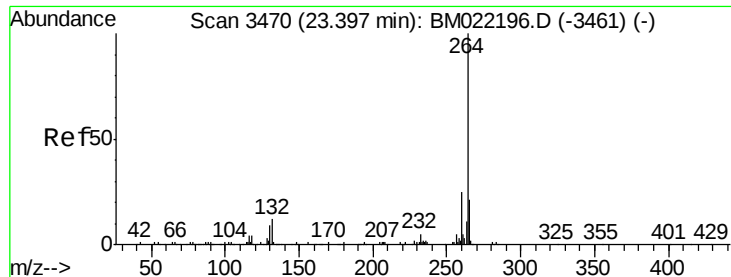
Abundance

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





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Instrument :

BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

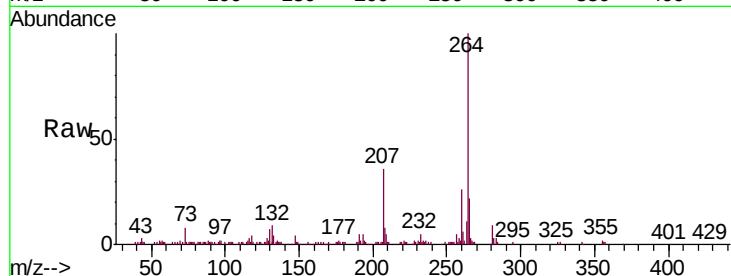
Tgt Ion: 264 Resp: 154480

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

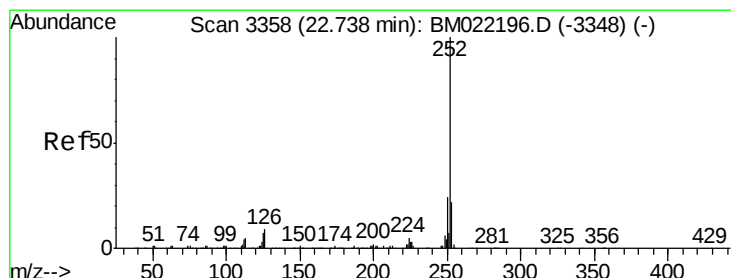
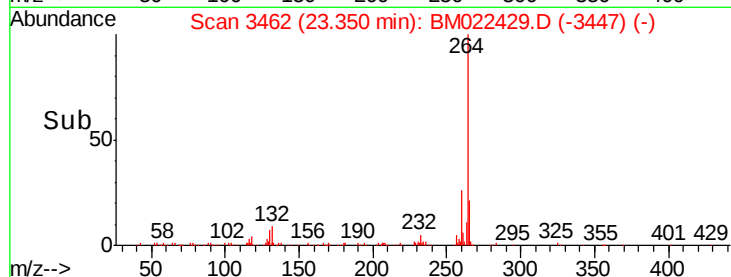
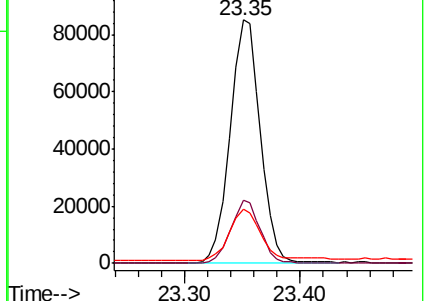
265 22.2 18.2 27.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.109 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

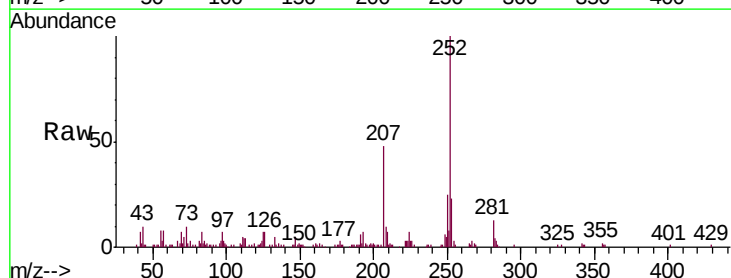
Tgt Ion: 252 Resp: 129950

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

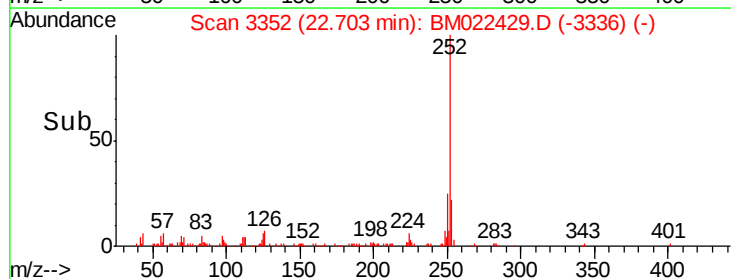
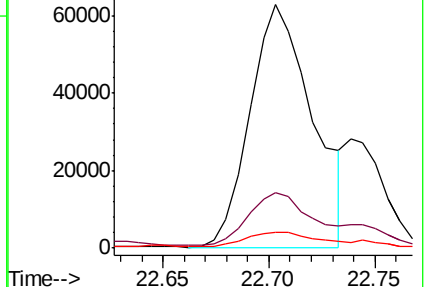
125 6.7 3.5 5.3#

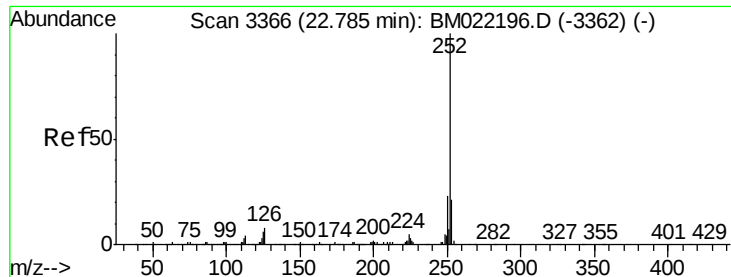


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 12.206 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

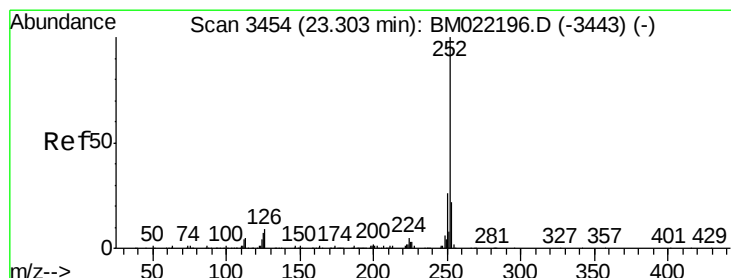
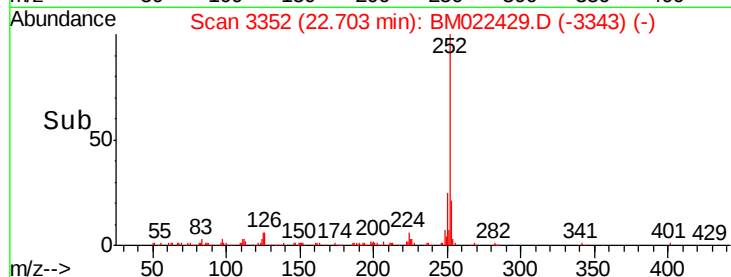
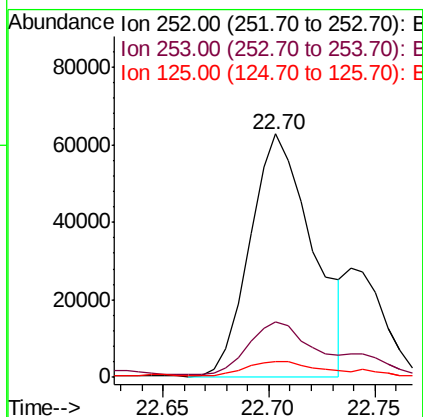
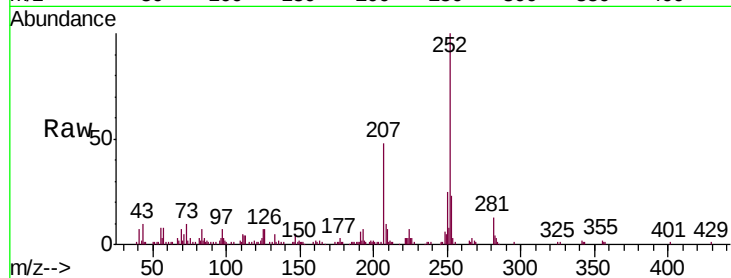
Instrument :

BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

Tgt Ion:	252	Resp:	129950
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.4
125	6.7	3.7	5.5#



#90

Benzo(a)pyrene

Concen: 7.459 ng

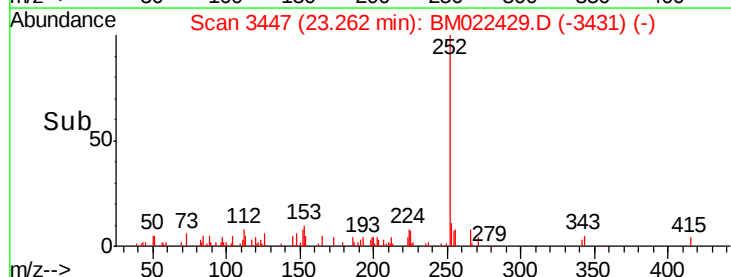
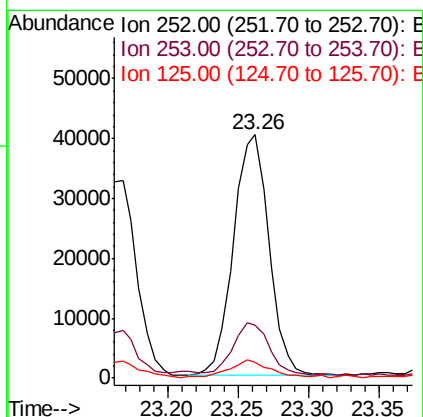
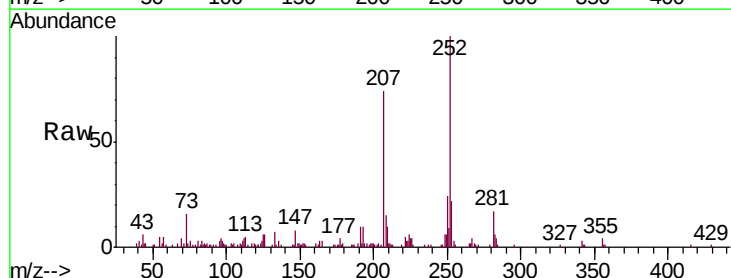
RT: 23.26 min Scan# 3447

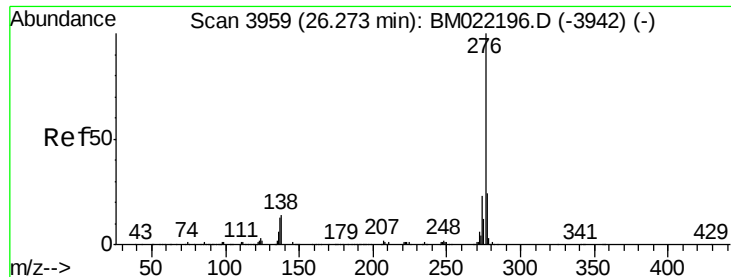
Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Tgt Ion:	252	Resp:	71053
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	6.3	3.8	5.8#





#92

Benzo(g,h,i)perylene

Concen: 7.935 ng

RT: 26.21 min Scan# 3948

Delta R.T. -0.01 min

Lab File: BM022429.D

Acq: 30 Aug 2019 04:04

Instrument :

BNA_M

ClientSampleId :

S403-K1-1.0-1.5-082819-FD

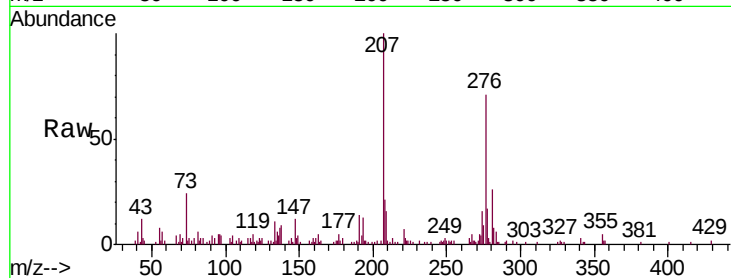
Tgt Ion: 276 Resp: 65689

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 12.2 8.8 13.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

