Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082919\

Quantitation Report (Not Reviewed)

Data File : BM022428.D
Acq On : 30 Aug 2019 03:27
Operator : HP/JU
Sample : K4596-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 30 07:55:18 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	15264	20.00	ng		-0.01
21) Naphthalene-d8	10.30	136	52739	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	32700	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	76889	20.00	ng		0.00
76) Chrysene-d12	21.17	240	112593	20.00	ng		0.00
87) Perylene-d12	23.35	264	140113	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	78873	90.70	ng		0.00
7) Phenol-d6	6.72	99	99310	85.40	ng		0.00
23) Nitrobenzene-d5	8.69	82	69801	57.97	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	55535	83.00	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	164909	57.13	ng		0.00
79) Terphenyl-d14	19.60	244	385625	45.20	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.67	163	11726	4.123	ng		98
71) Phenanthrene	17.00	178	16683	3.722	ng		99
75) Fluoranthene	19.03	202	62327	10.443	ng		98
78) Pyrene	19.39	202	50200	6.542	ng		98
81) Benzo(a)anthracene	21.15	228	28568	3.535	ng		98
83) Chrysene	21.20	228	37410	4.863	ng		98
86) Indeno(1,2,3-cd)pyrene	25.53	276	36916	4.771	ng		96
88) Benzo(b)fluoranthene	22.70	252	68598	7.047	ng	#	97
89) Benzo(k)fluoranthene	22.70	252	68336	7.077	ng	#	95
90) Benzo(a)pyrene	23.26	252	37847	4.381	ng	#	97
92) Benzo(g,h,i)perylene	26.20	276	36237	4.826	ng	#	94

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

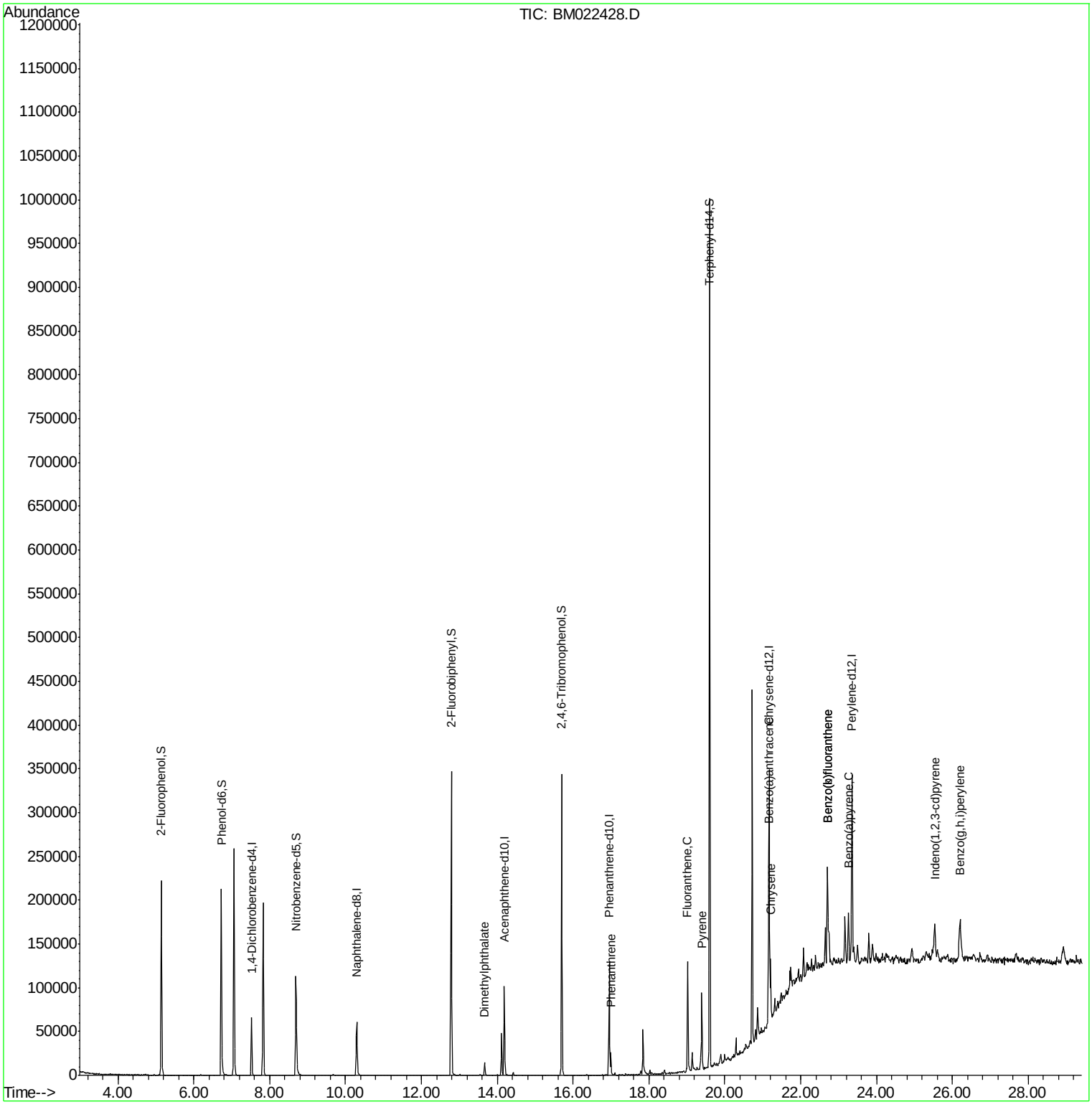
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082919\

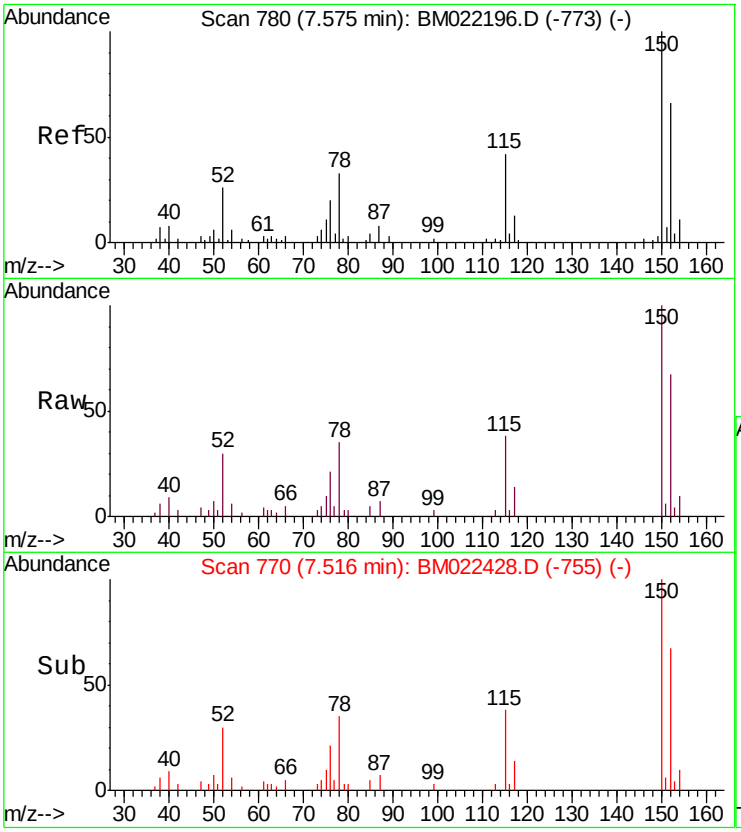
Quantitation Report (Not Reviewed)

Data File : BM022428.D
Acq On : 30 Aug 2019 03:27
Operator : HP/JU
Sample : K4596-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 30 07:55:18 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



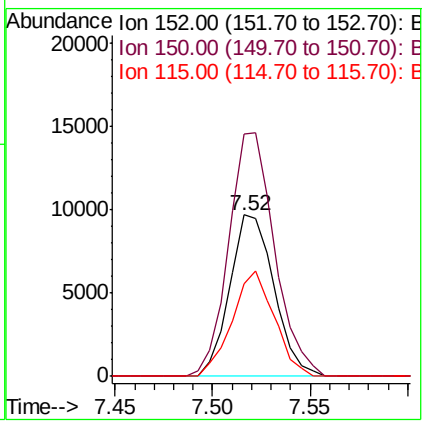


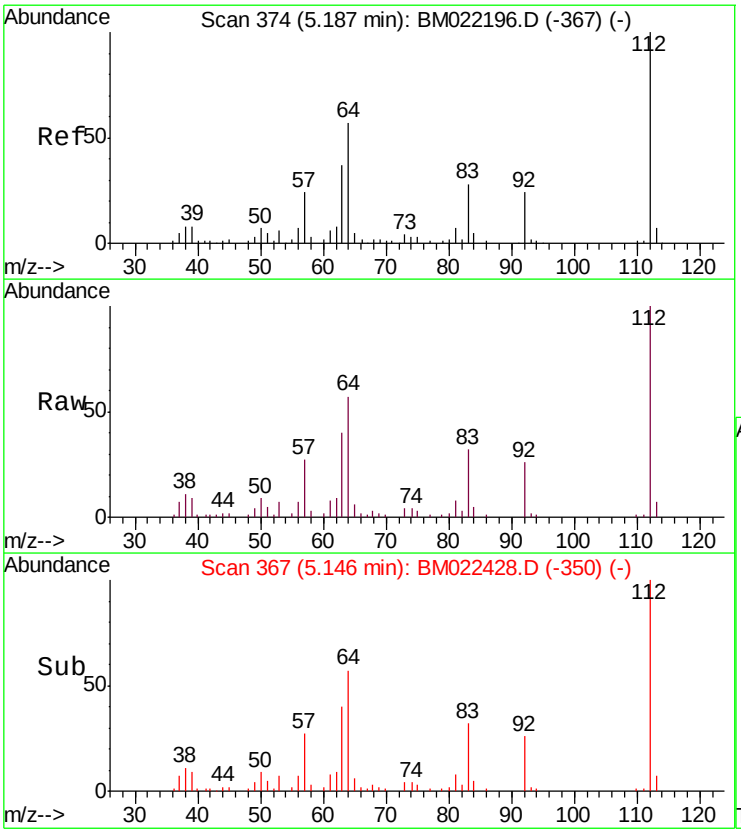
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:152 Resp: 15264

Ion	Ratio	Lower	Upper
152	100		
150	150.2	125.4	188.0
115	57.6	50.3	75.5

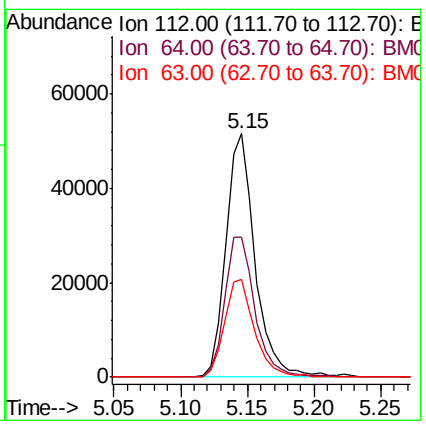


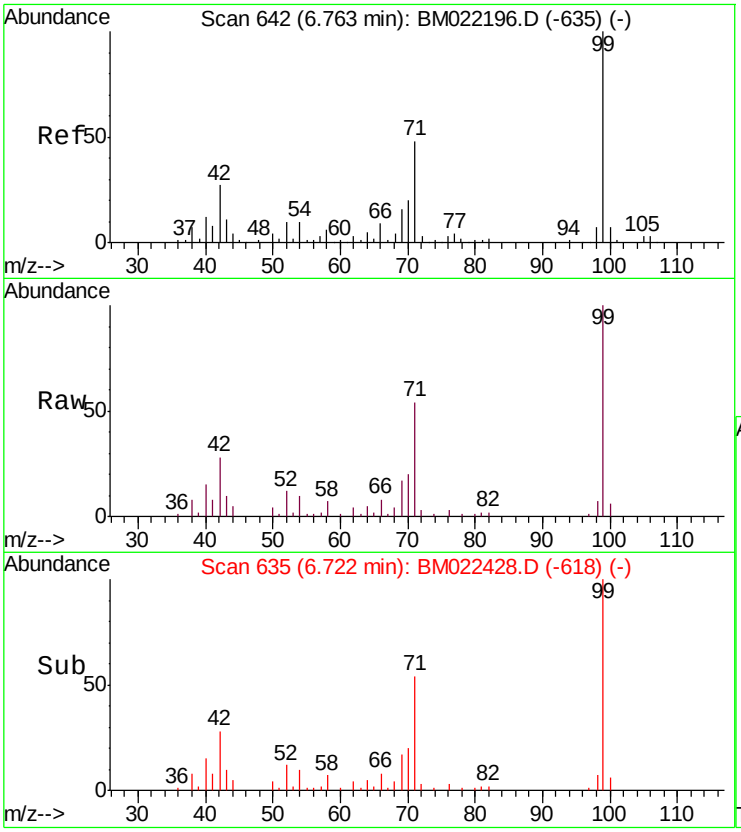


#5
2-Fluorophenol
Concen: 90.702 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:112 Resp: 78873

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.4	68.2
63	40.0	34.5	51.7



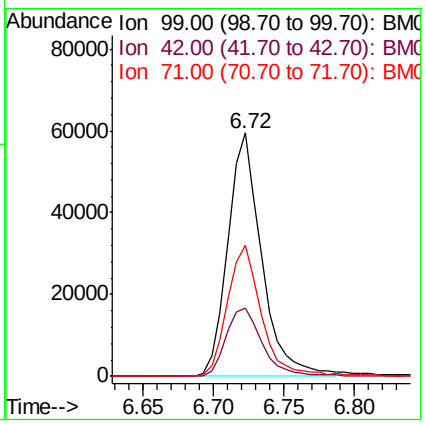


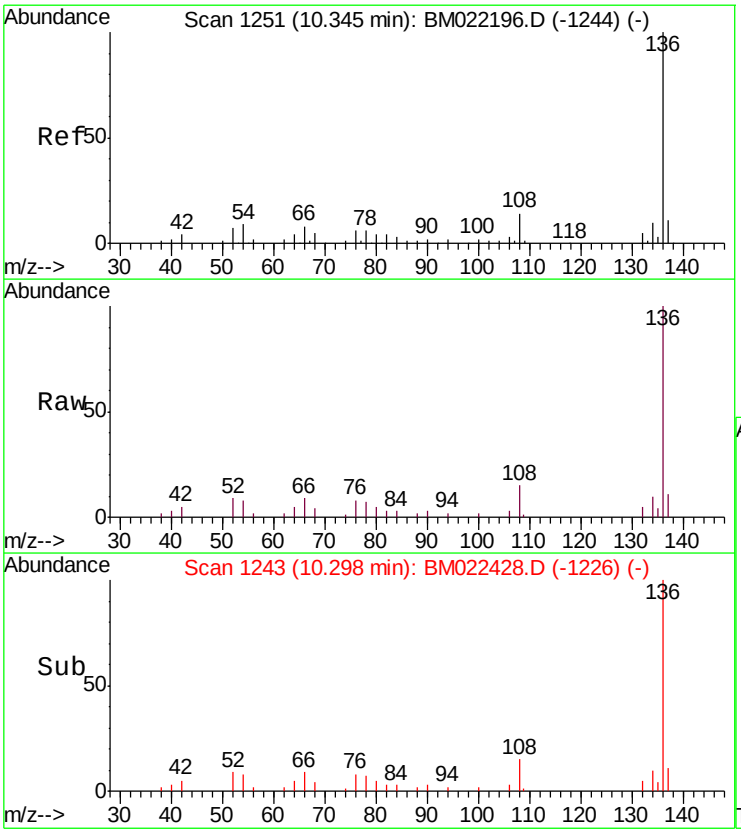
#7
Phenol-d6
Concen: 85.402 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion: 99 Resp: 99310

Ion	Ratio	Lower	Upper
99	100		
42	28.2	26.3	39.5
71	53.6	46.6	69.8

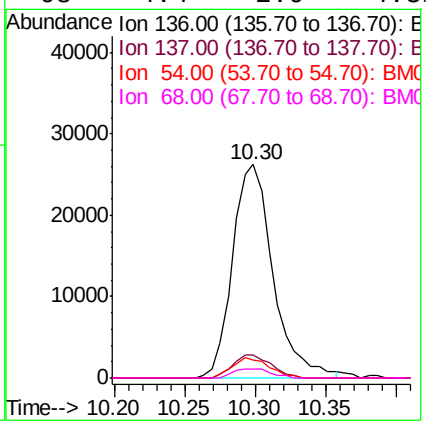


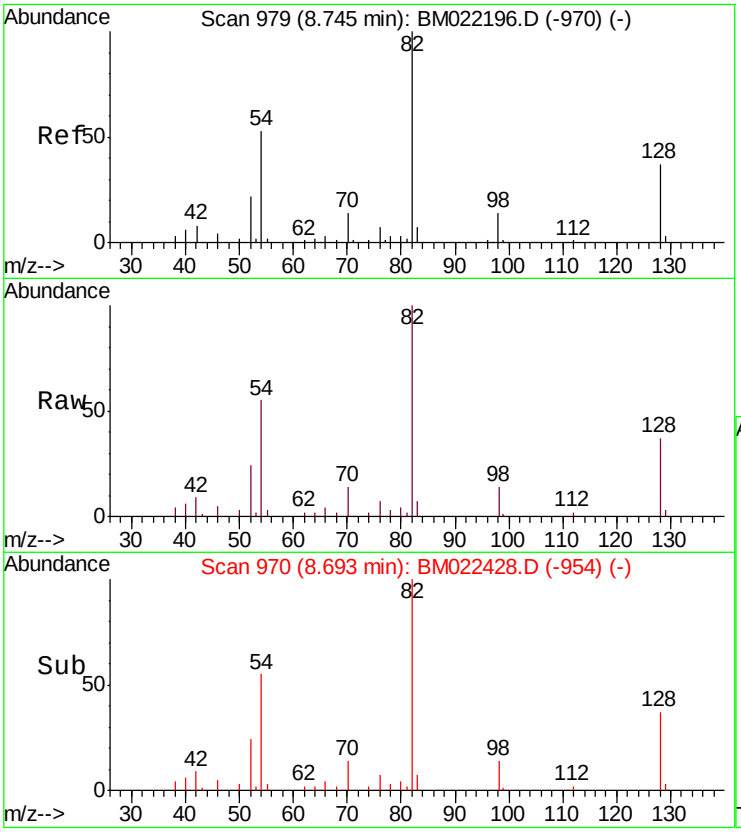


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:136 Resp: 52739

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	7.0	10.6
68	4.4	2.9	4.3#



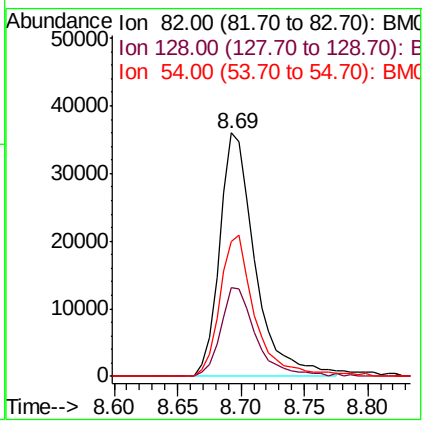


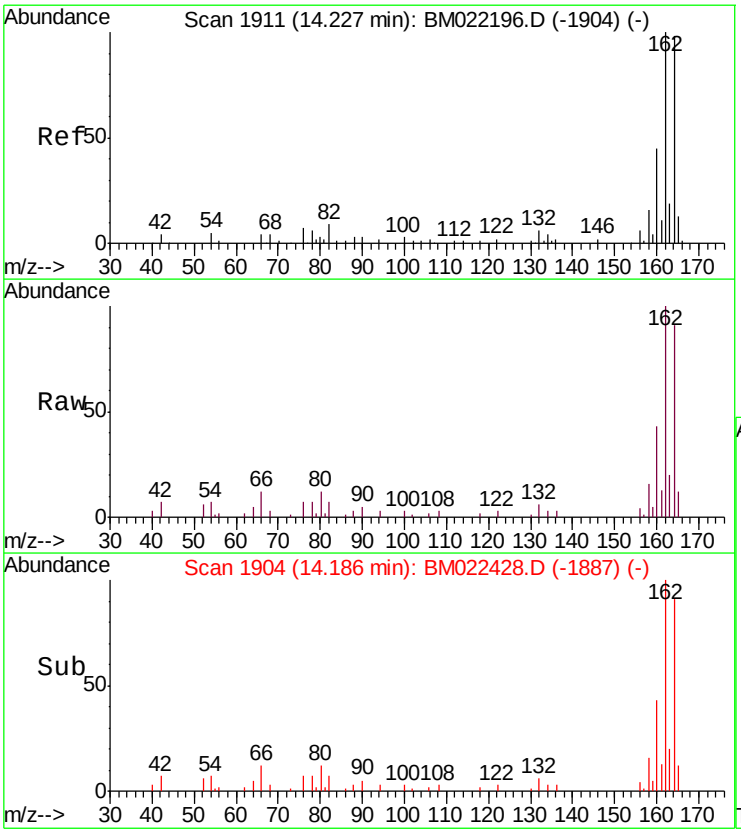
#23
Nitrobenzene-d5
Concen: 57.971 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion: 82 Resp: 69801

Ion	Ratio	Lower	Upper
82	100		
128	36.6	27.9	41.9
54	55.4	45.2	67.8

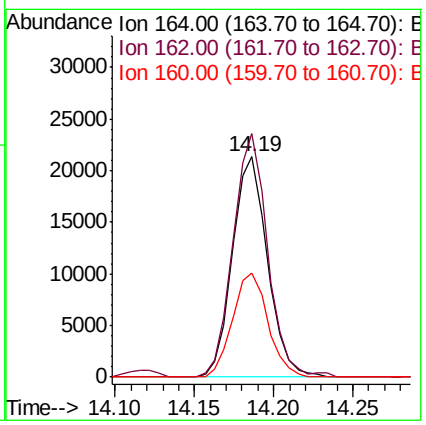


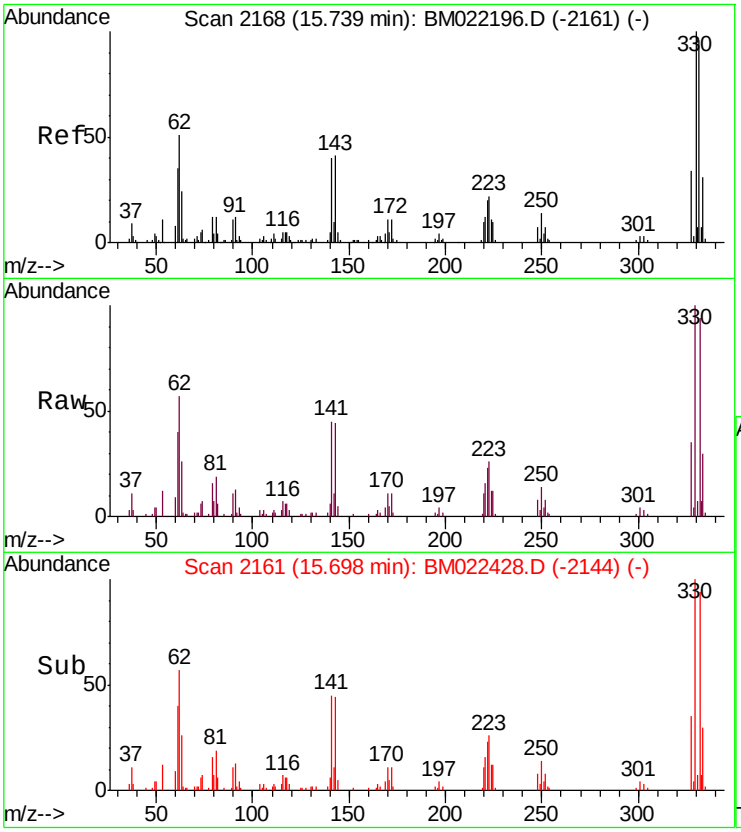


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:164 Resp: 32700

Ion	Ratio	Lower	Upper
164	100		
162	110.4	80.6	121.0
160	47.5	37.3	55.9



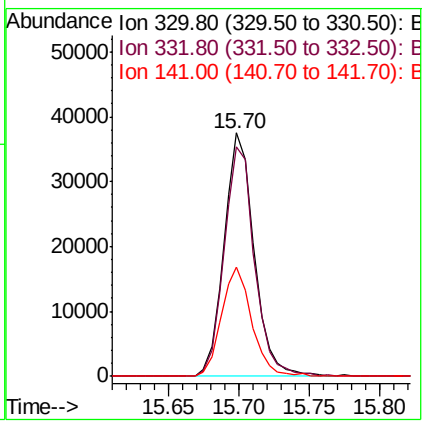


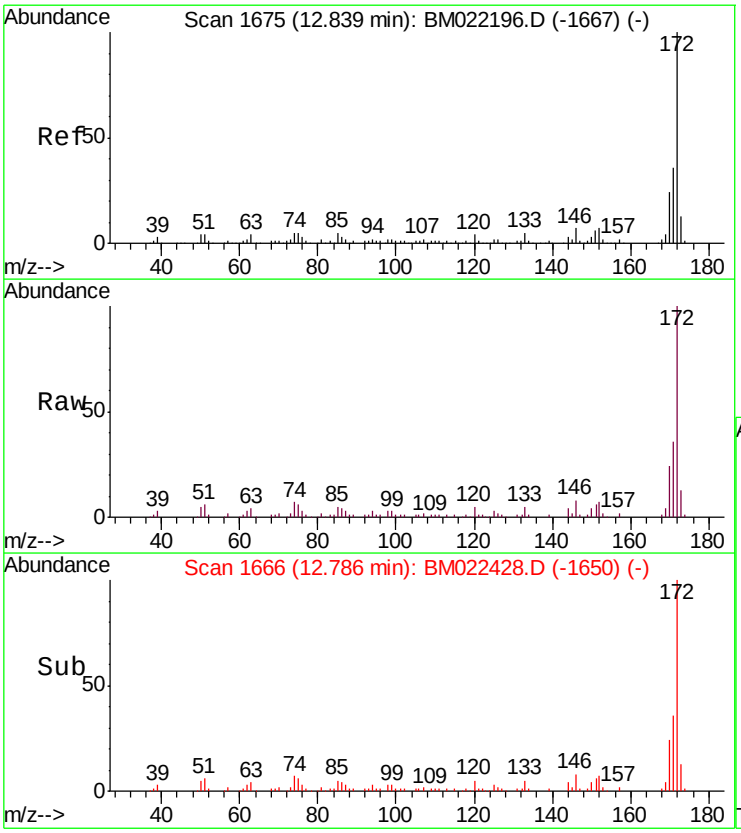
#42
2,4,6-Tribromophenol
Concen: 82.996 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:330 Resp: 55535

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.8
141	45.0	35.6	53.4

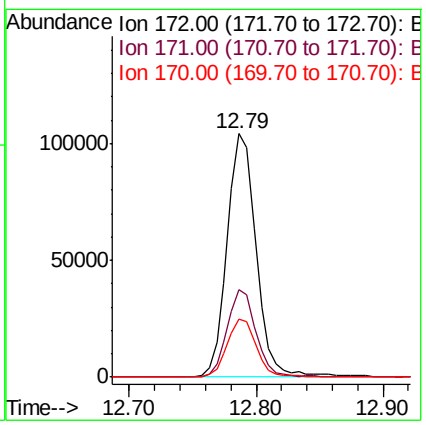


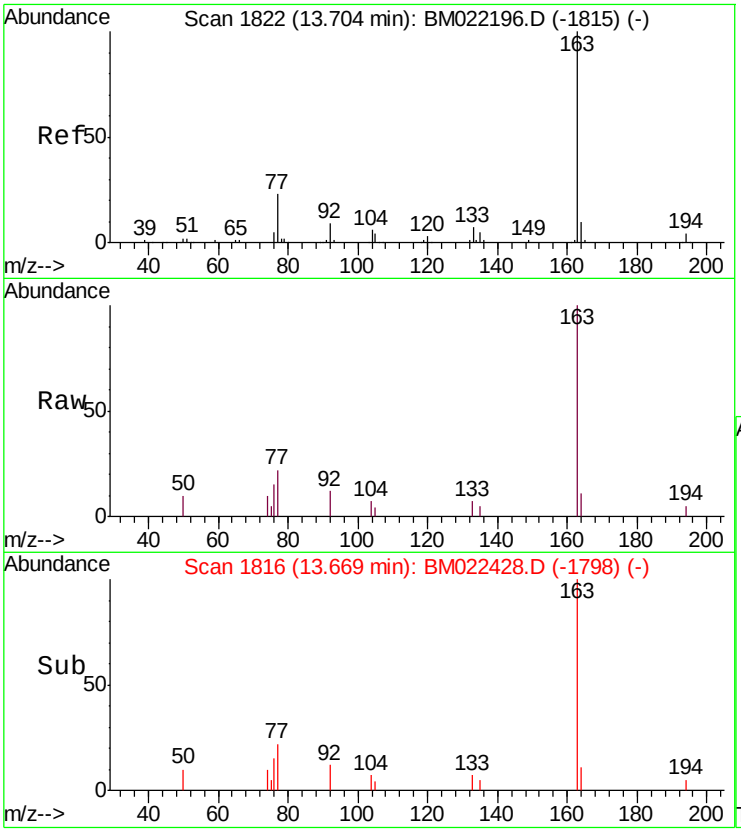


#45
2-Fluorobiphenyl
Concen: 57.130 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:172 Resp: 164909

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.1	18.9	28.3



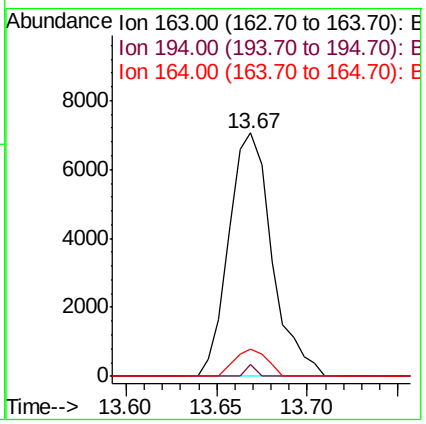


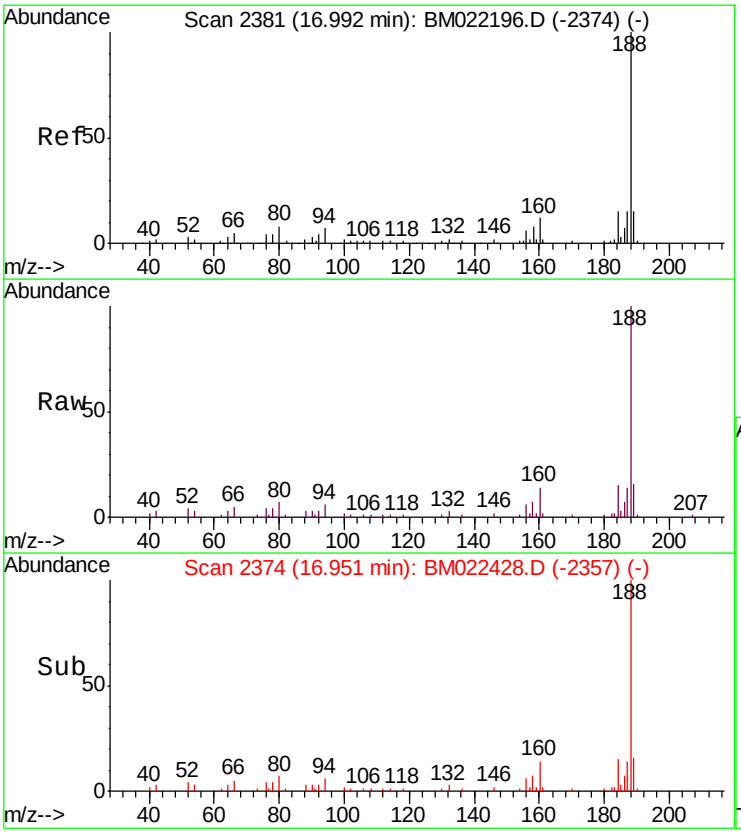
#50
Dimethylphthalate
Concen: 4.123 ng
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:163 Resp: 11726

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	11.2	8.2	12.2

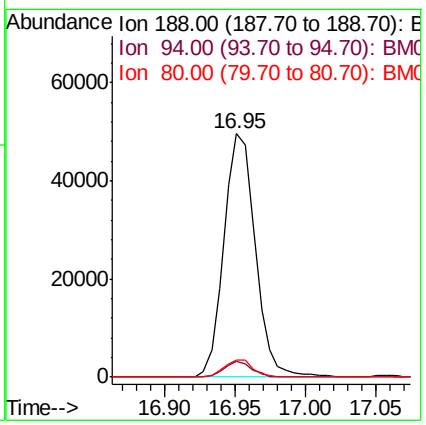


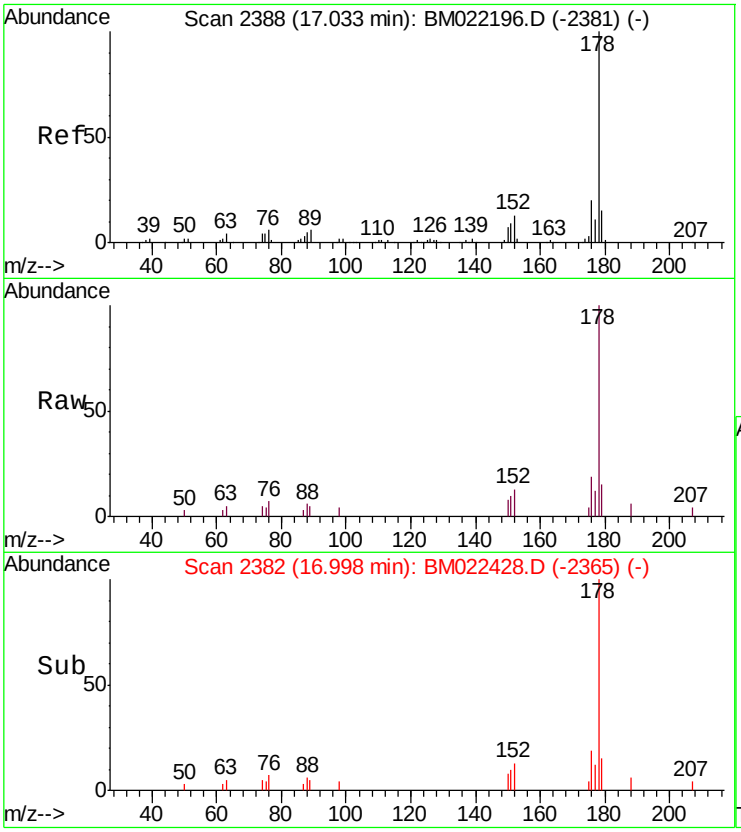


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:188 Resp: 76889

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.4	6.6
80	7.1	5.0	7.6



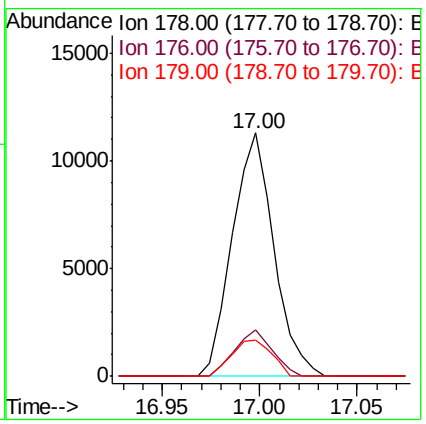


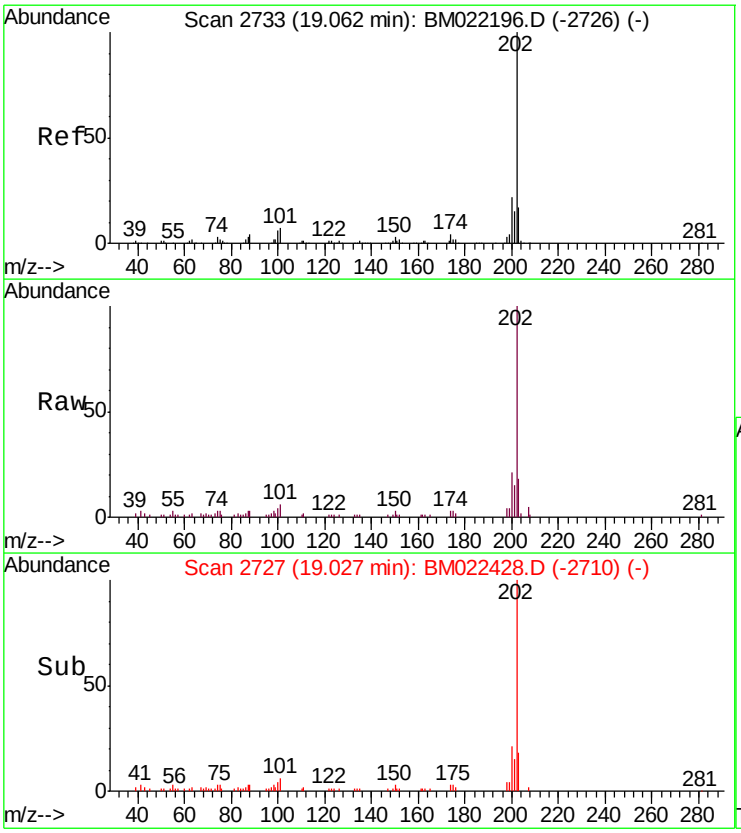
#71
Phenanthrene
Concen: 3.722 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:178 Resp: 16683

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	14.7	12.3	18.5

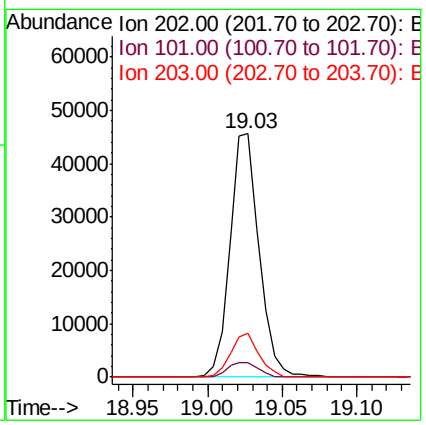


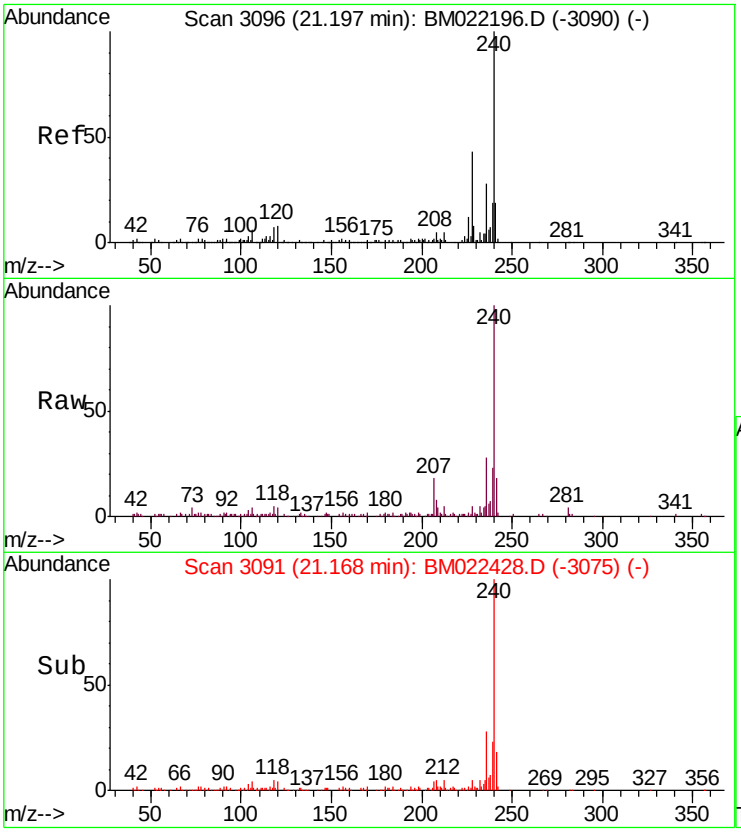


#75
Fluoranthene
Concen: 10.443 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:202 Resp: 62327

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	25.1
203	18.0	0.0	37.1



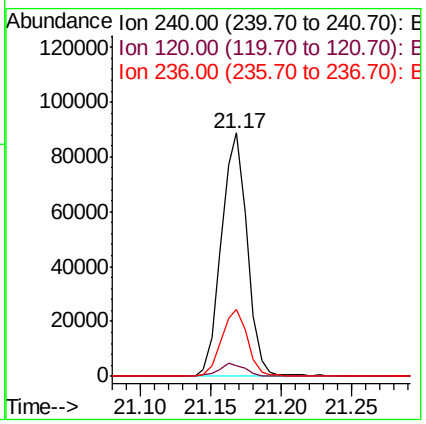


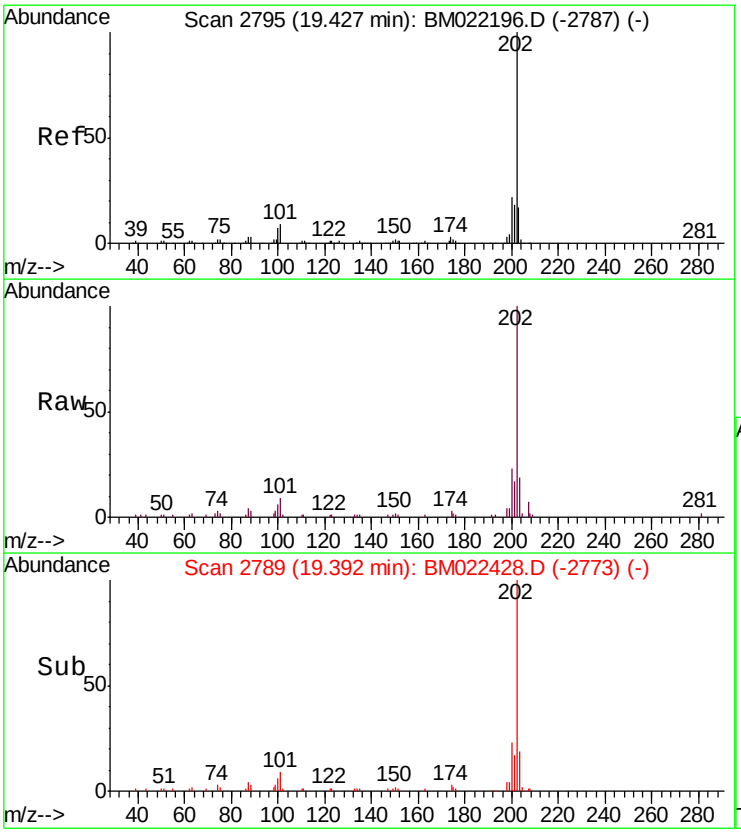
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:240 Resp: 112593

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.9	5.9
236	27.7	21.4	32.2

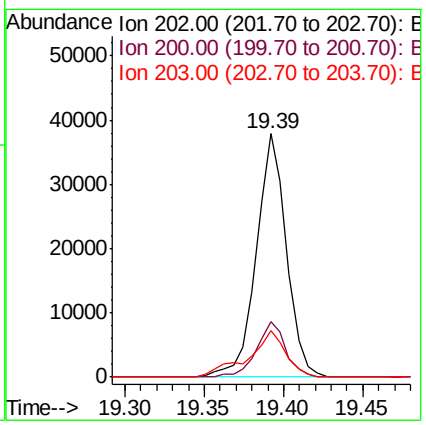


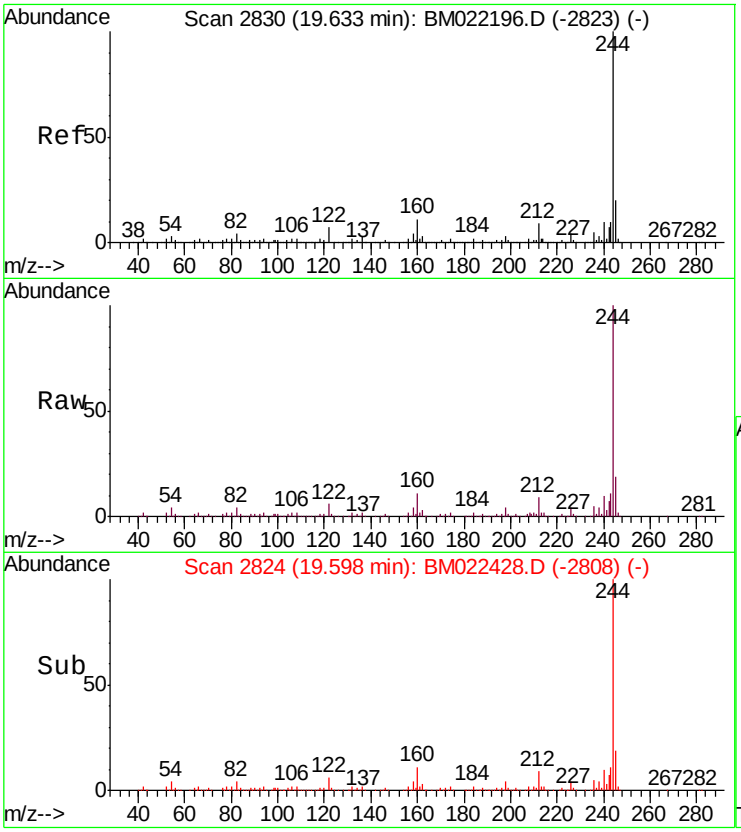


#78
Pyrene
Concen: 6.542 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:202 Resp: 50200

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	19.0	13.8	20.8



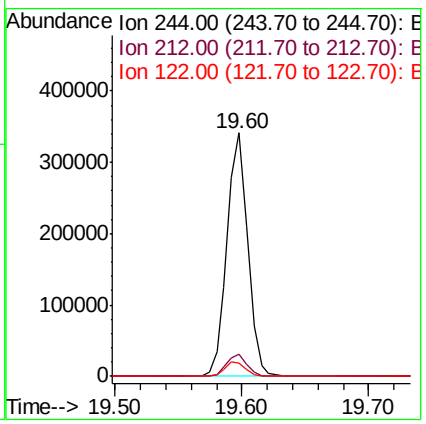


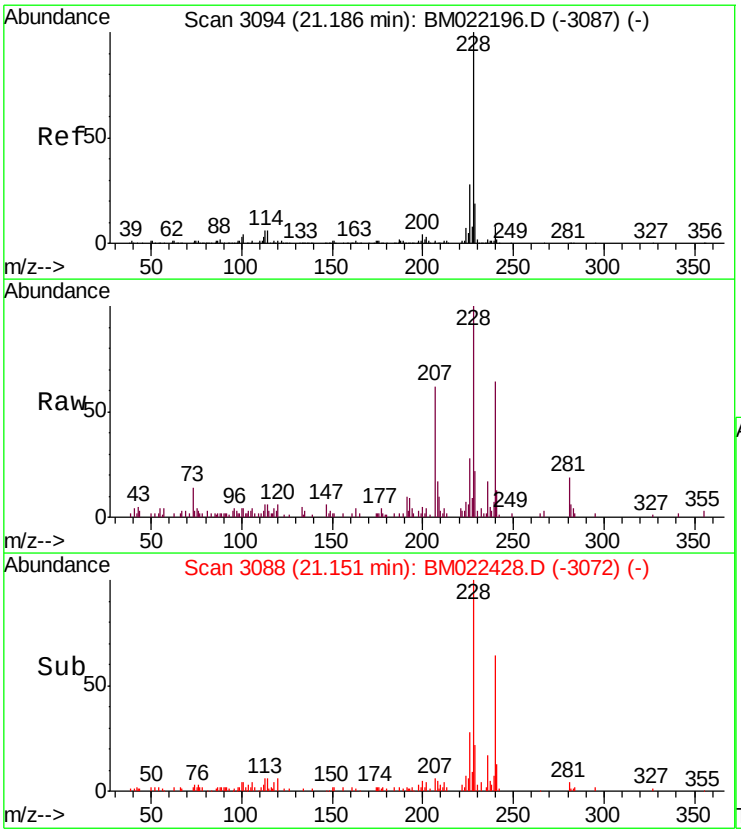
#79
Terphenyl-d14
Concen: 45.201 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:244 Resp: 385625

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	5.6	3.9	5.9

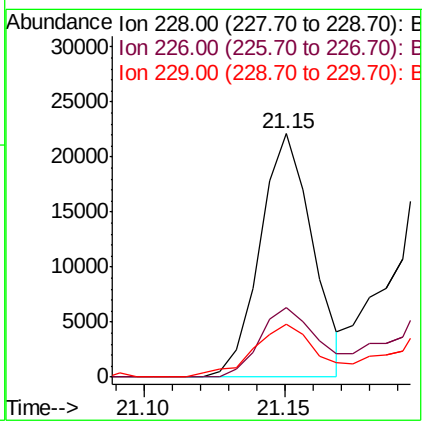


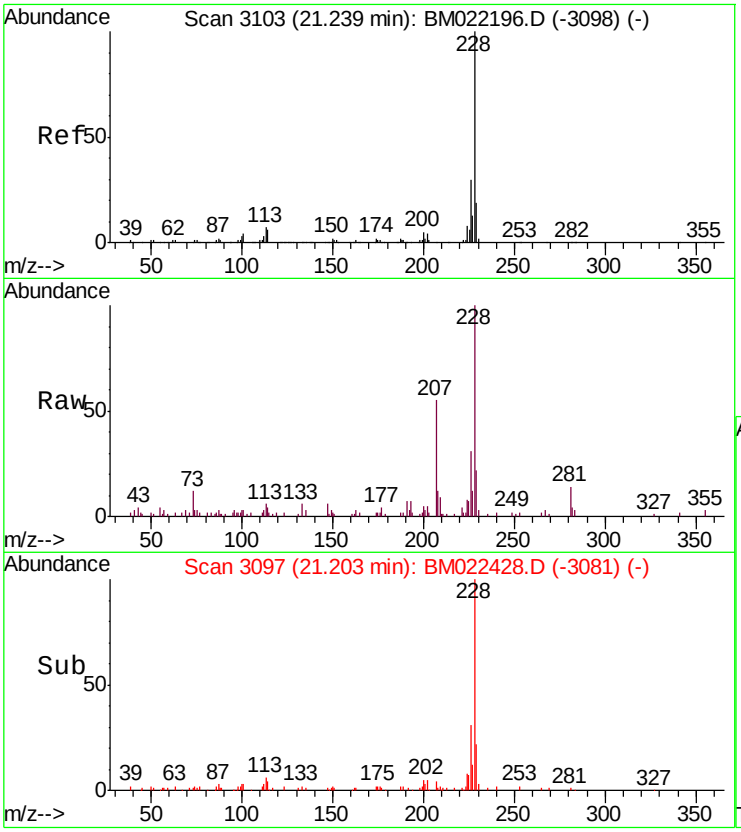


#81
Benzo(a)anthracene
Concen: 3.535 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:228 Resp: 28568

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	21.5	15.9	23.9



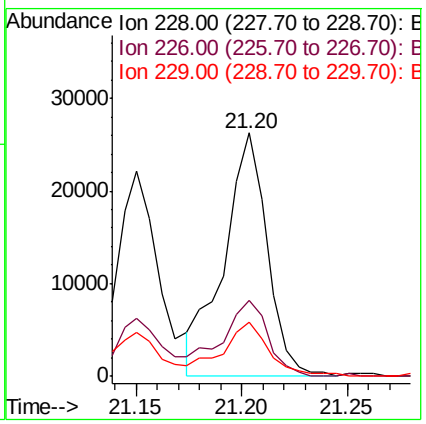


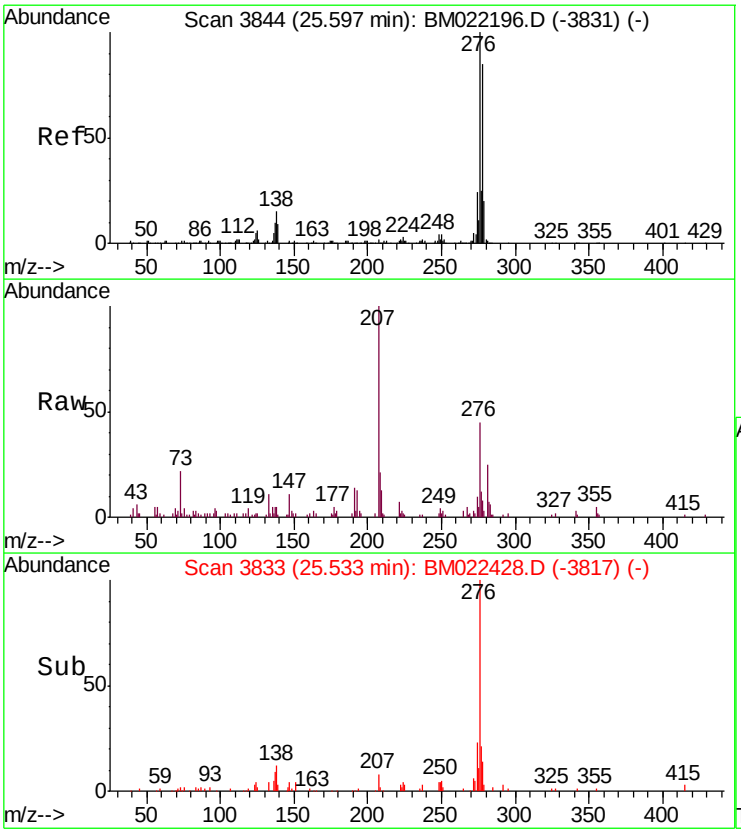
#83
Chrysene
Concen: 4.863 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:228 Resp: 37410

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	22.0	15.7	23.5

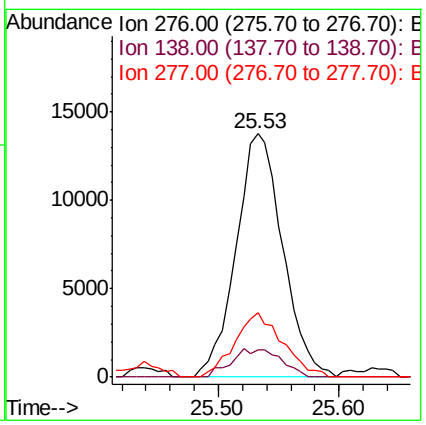


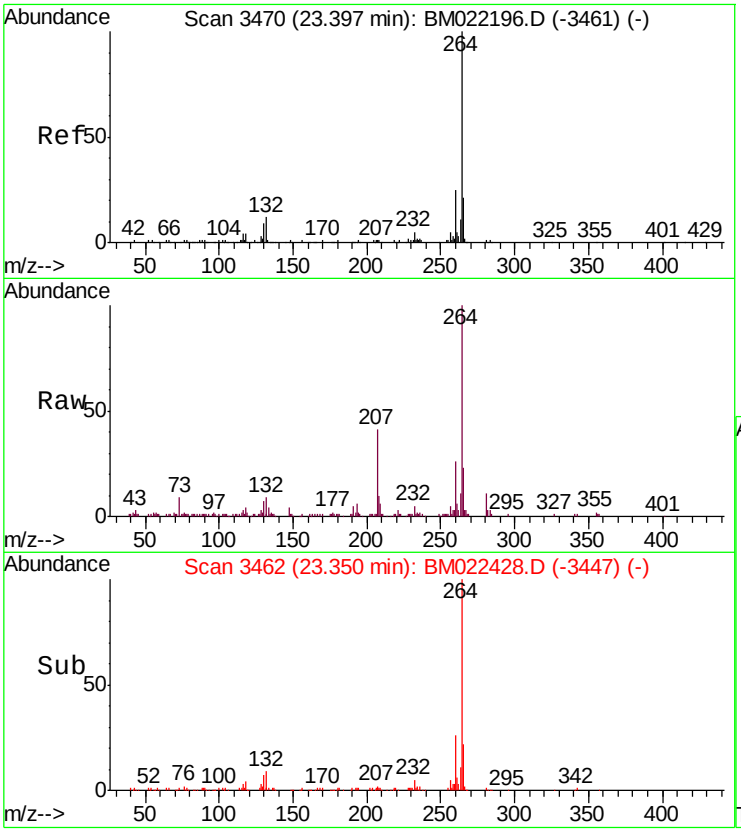


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.771 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:276 Resp: 36916

Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.1	13.7
277	27.0	20.0	30.0



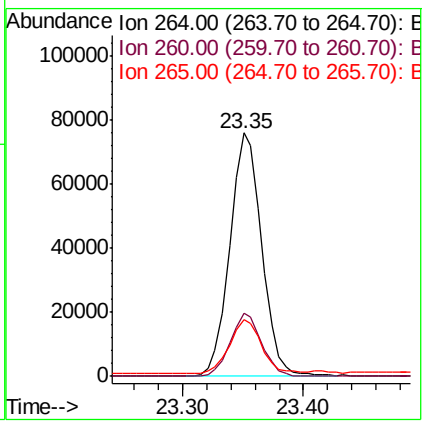


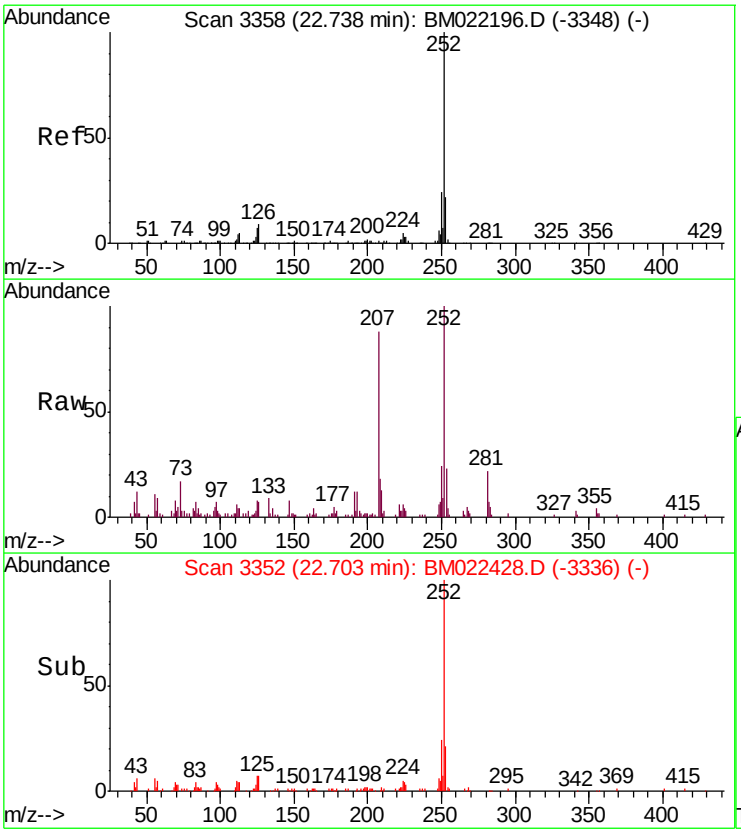
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:264 Resp: 140113

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	23.1	18.2	27.2

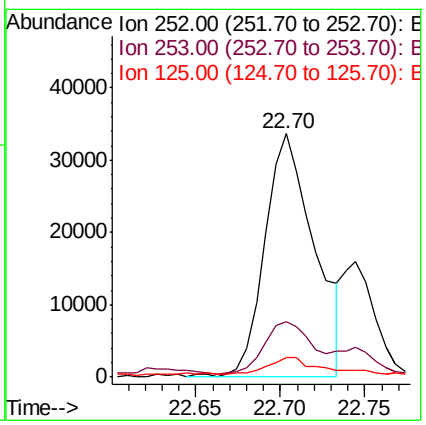


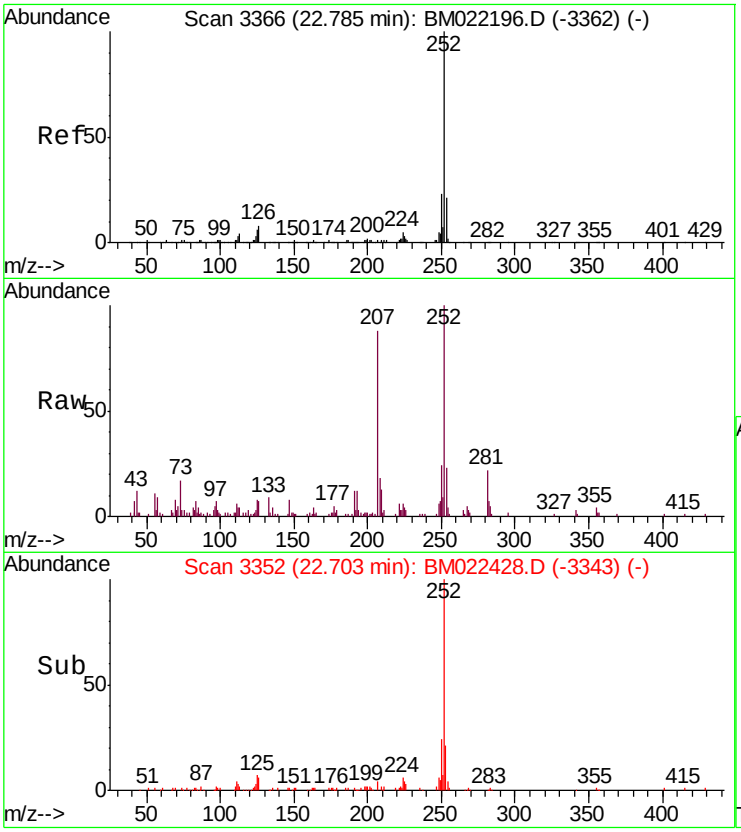


#88
Benzo(b)fluoranthene
Concen: 7.047 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:252 Resp: 68598

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.9	3.5	5.3#



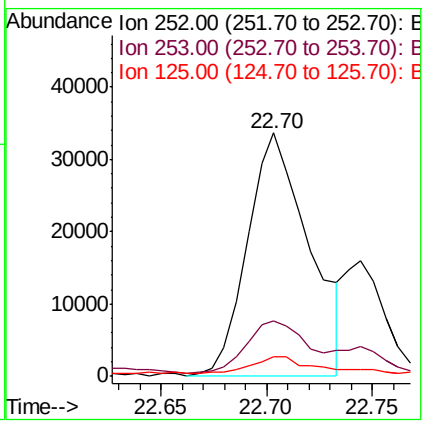


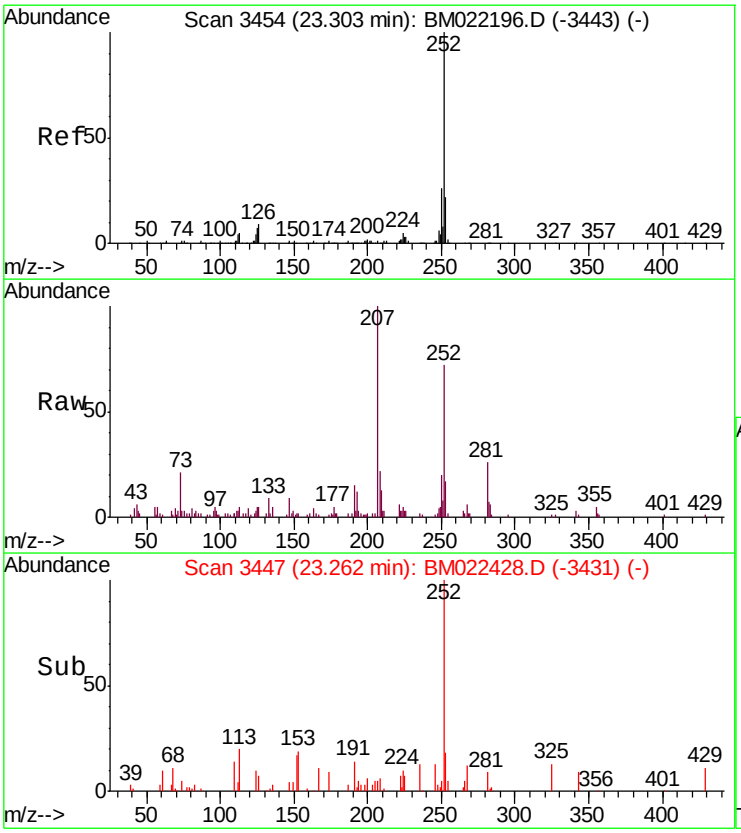
#89
Benzo(k)fluoranthene
Concen: 7.077 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:252 Resp: 68336

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	7.9	3.7	5.5#

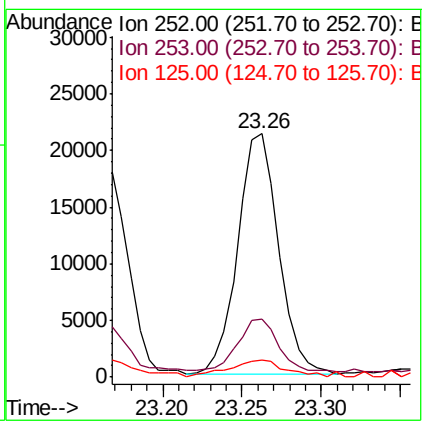


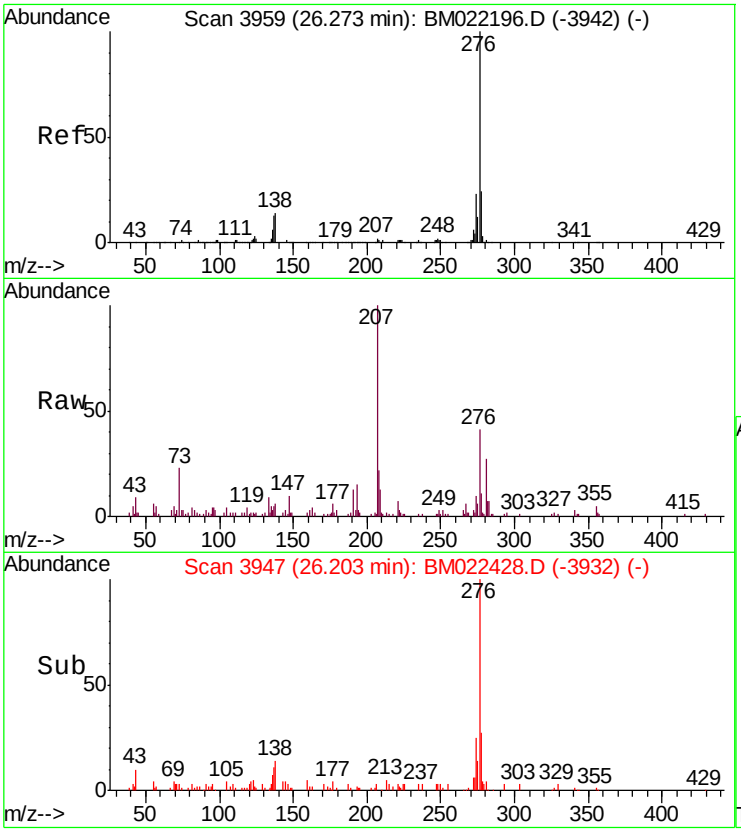


#90
Benzo(a)pyrene
Concen: 4.381 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

Tgt Ion:252 Resp: 37847

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	7.1	3.8	5.8#





#92
Benzo(g,h,i)perylene
Concen: 4.826 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.01 min
Lab File: BM022428.D
Acq: 30 Aug 2019 03:27

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

Tgt Ion:276 Resp: 36237

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.0
138	13.9	8.8	13.2#