Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022456.D
Acq On : 31 Aug 2019 00:23
Operator : HP/JU
Sample : K4095-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 31 01:11:42 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	22515	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	80483	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	51106	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	118330	20.00	ng		0.00
76) Chrysene-d12	21.17	240	182325	20.00	ng		0.00
87) Perylene-d12	23.36	264	225885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	37719	29.41	ng		0.00
7) Phenol-d6	6.72	99	46097	26.87	ng		0.00
23) Nitrobenzene-d5	8.70	82	31531	17.16	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	23271	22.25	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	70206	15.56	ng		0.00
79) Terphenyl-d14	19.59	244	165862	12.01	ng		-0.01
Target Compounds							Qvalue
50) Dimethylphthalate	13.66	163	10820	2.434	ng	#	94
71) Phenanthrene	16.99	178	48353	7.010	ng		99
72) Anthracene	17.09	178	21269	3.134	ng		98
75) Fluoranthene	19.02	202	125925	13.709	ng		97
78) Pyrene	19.39	202	129039	10.385	ng		98
81) Benzo(a)anthracene	21.15	228	95265	7.280	ng		98
83) Chrysene	21.20	228	80694	6.478	ng		98
86) Indeno(1,2,3-cd)pyrene	25.53	276	55733	4.448	ng		97
88) Benzo(b)fluoranthene	22.70	252	111048	7.077	ng	#	99
89) Benzo(k)fluoranthene	22.70	252	111048	7.133	ng	#	98
90) Benzo(a)pyrene	23.26	252	86524	6.212	ng	#	95
92) Benzo(g,h,i)perylene	26.21	276	54339	4.489	ng		97

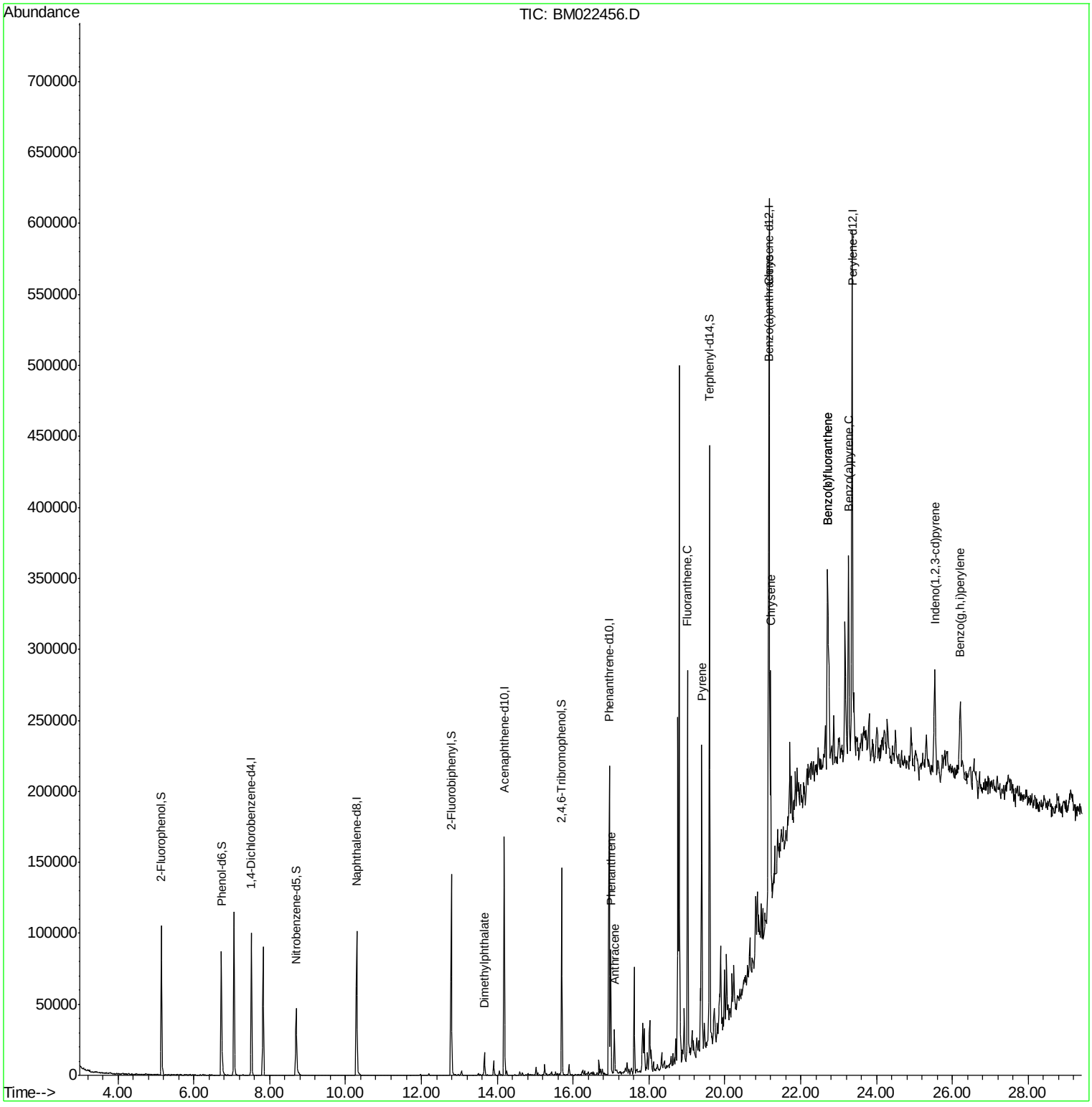
(#) = qualifier out of range (m) = manual integration (+) = signals summed

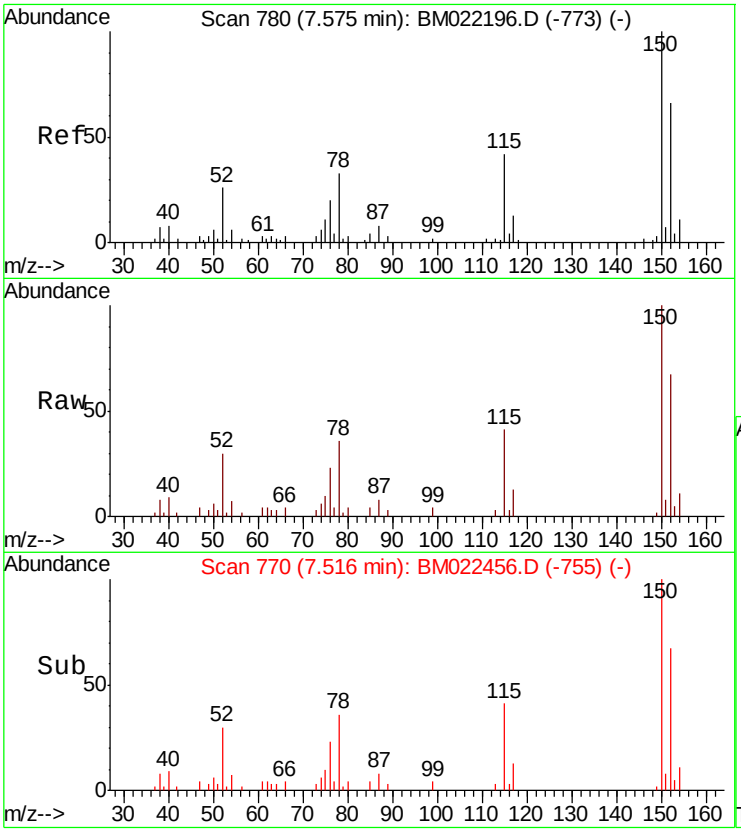
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022456.D
Acq On : 31 Aug 2019 00:23
Operator : HP/JU
Sample : K4095-13 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 31 01:11:42 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



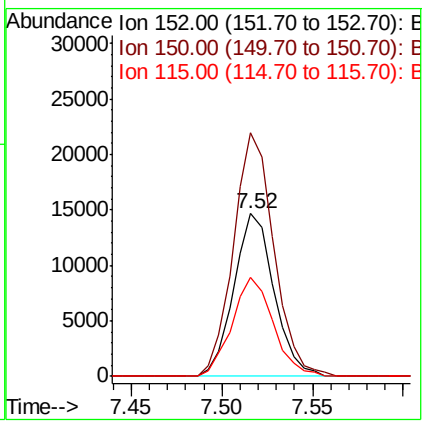


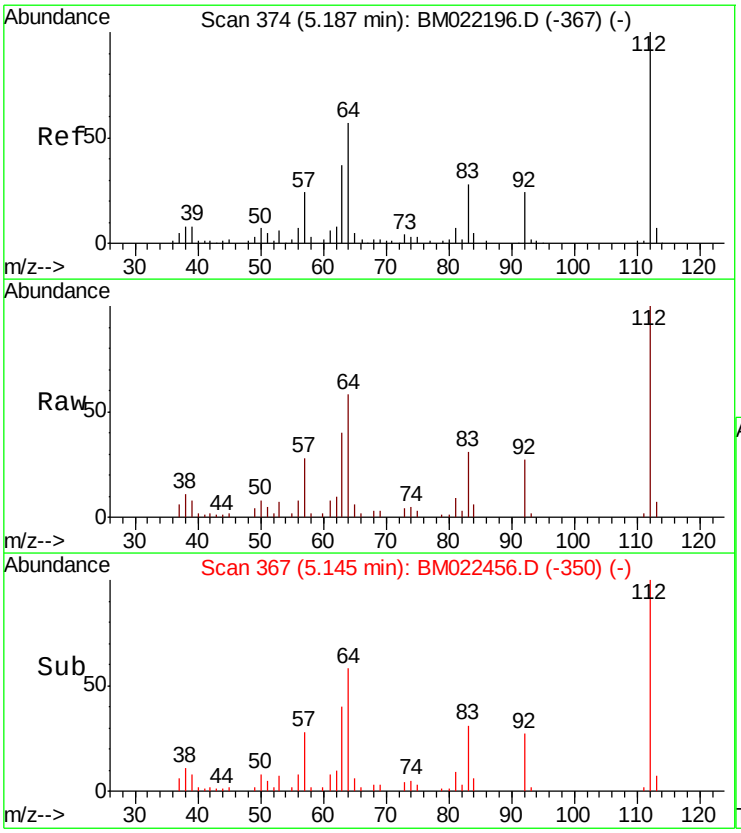
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 22515

Ion	Ratio	Lower	Upper
152	100		
150	149.7	125.4	188.0
115	60.8	50.3	75.5

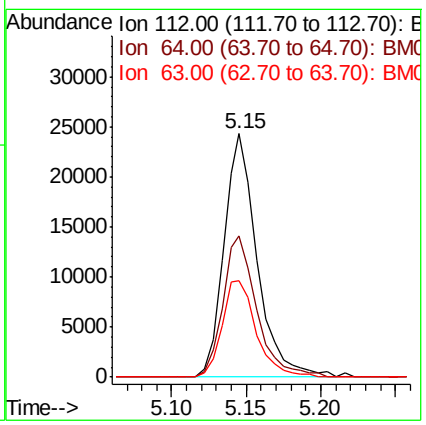


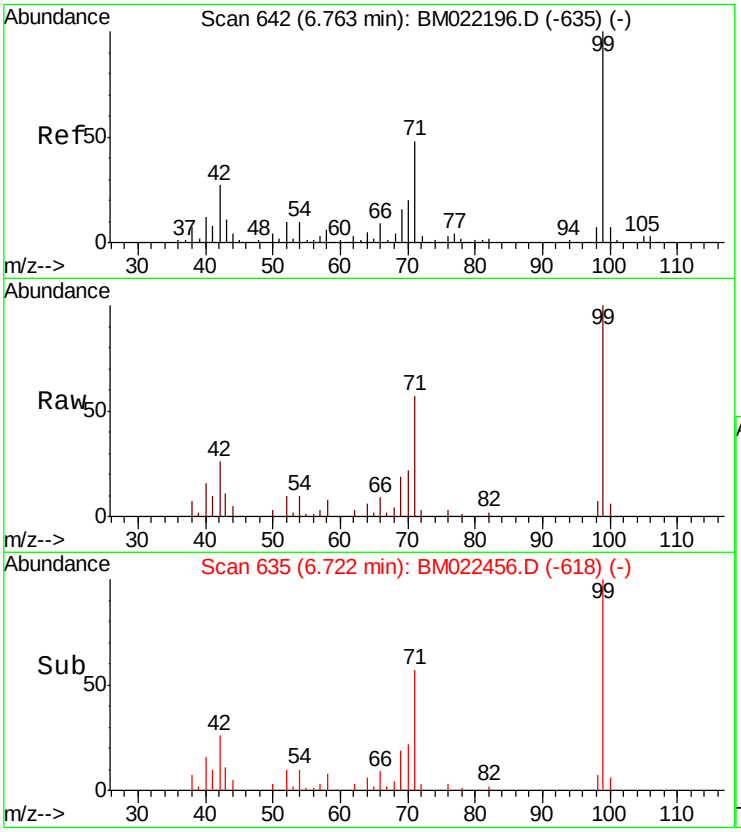


#5
2-Fluorophenol
Concen: 29.407 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:112 Resp: 37719

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.2
63	39.7	34.5	51.7



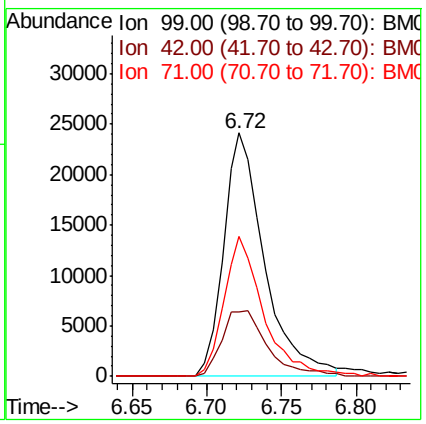


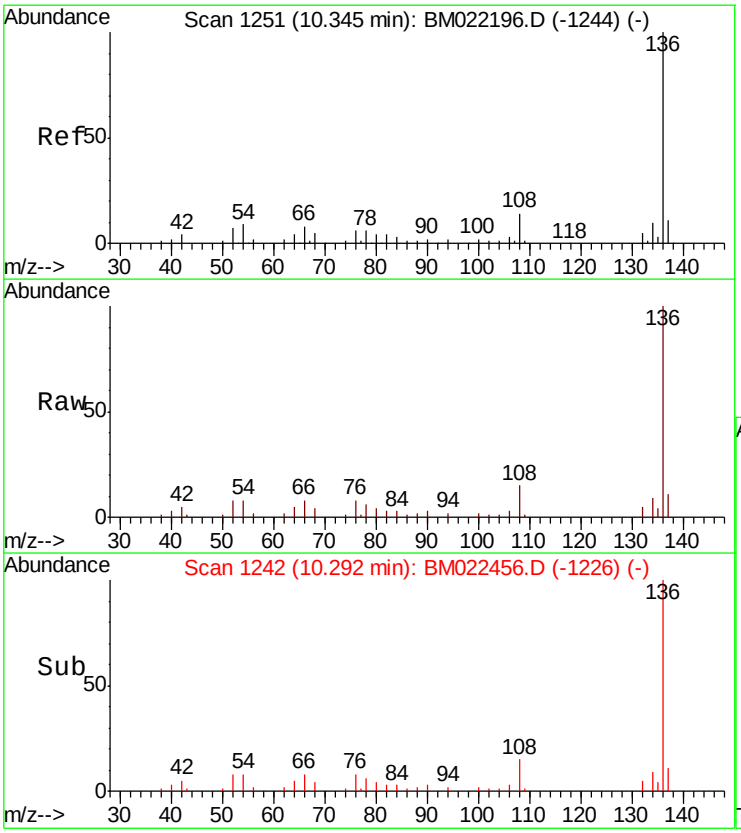
#7
Phenol-d6
Concen: 26.875 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 46097

Ion	Ratio	Lower	Upper
99	100		
42	26.5	26.3	39.5
71	57.4	46.6	69.8

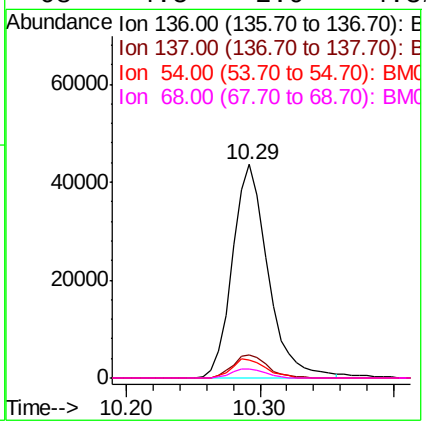


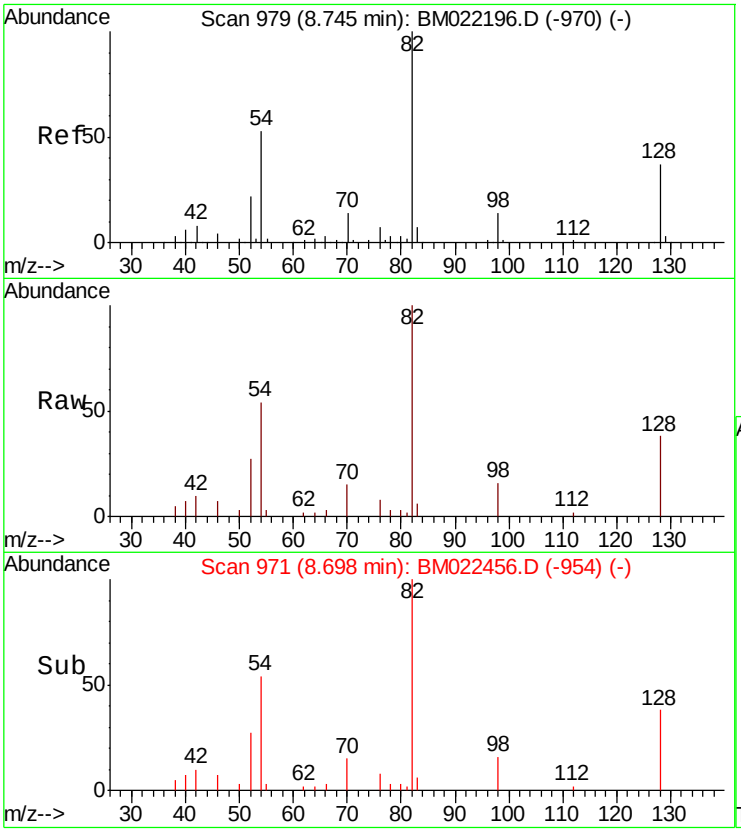


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:136 Resp: 80483

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	7.0	10.6
68	4.5	2.9	4.3#



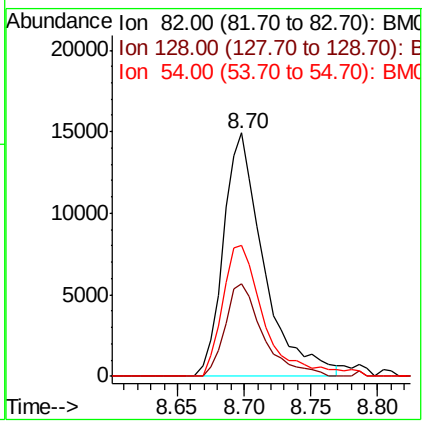


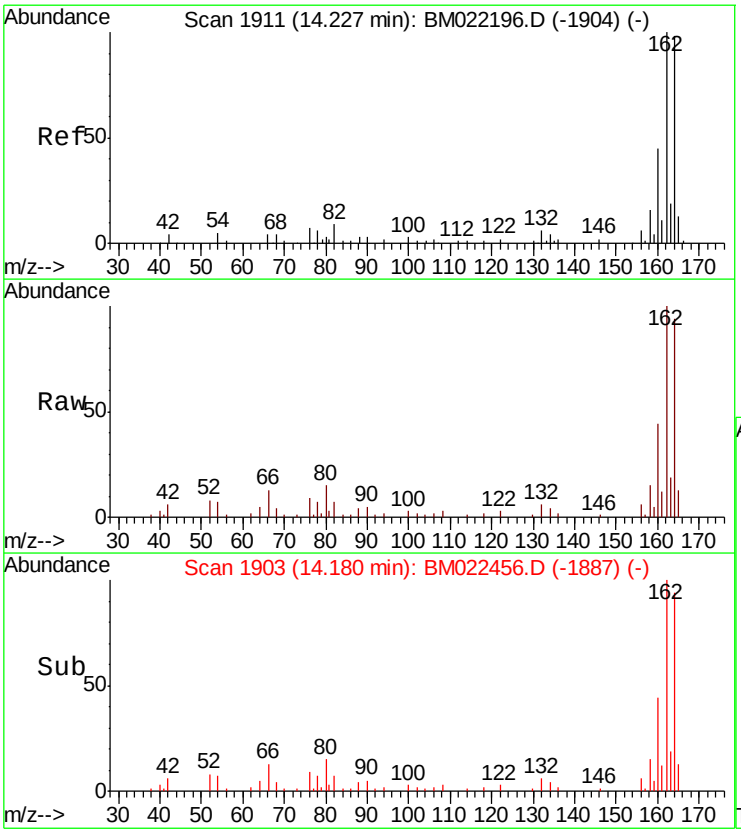
#23
Nitrobenzene-d5
Concen: 17.160 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 31531

Ion	Ratio	Lower	Upper
82	100		
128	37.9	27.9	41.9
54	53.6	45.2	67.8

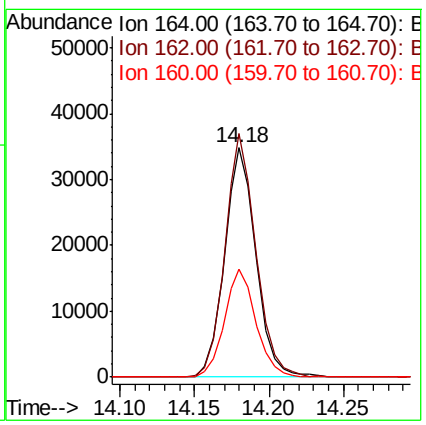


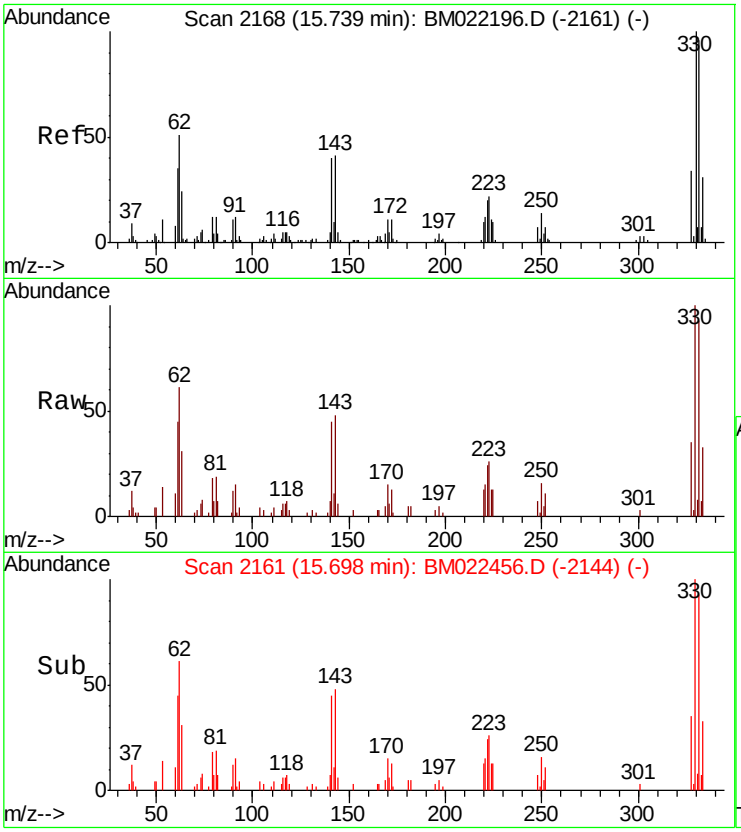


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:164 Resp: 51106

Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.6	121.0
160	46.9	37.3	55.9



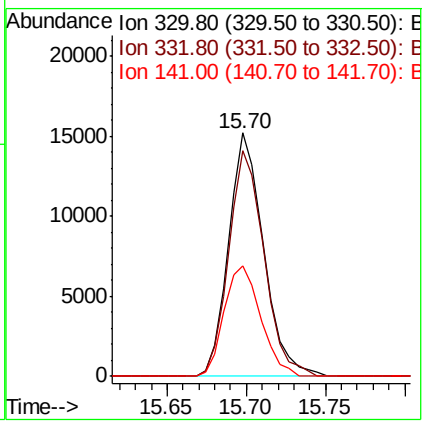


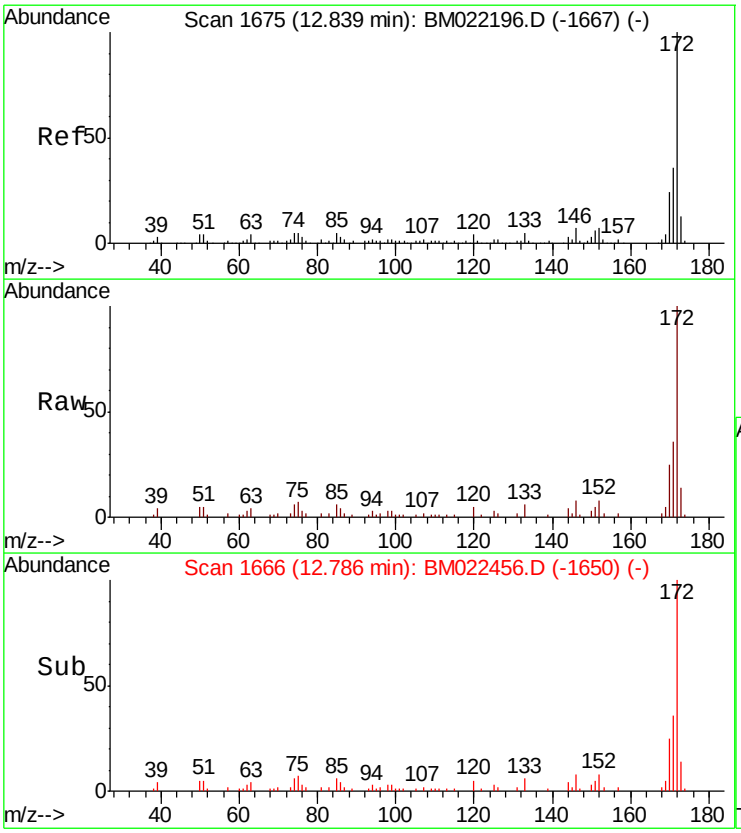
#42
2,4,6-Tribromophenol
Concen: 22.253 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 23271

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.8	116.8
141	47.2	35.6	53.4

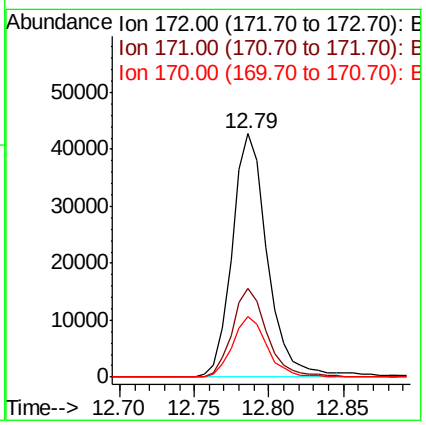


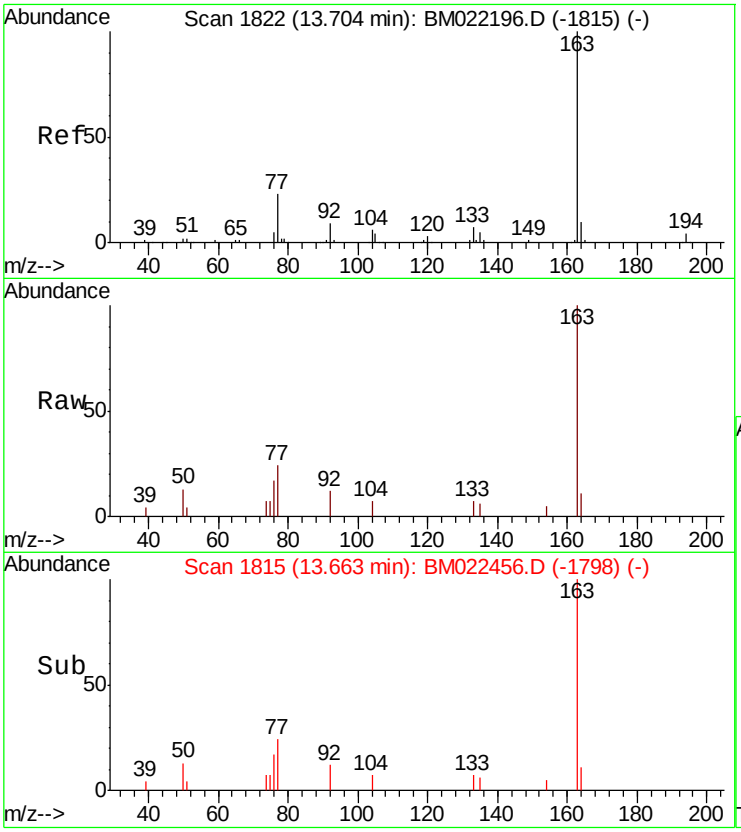


#45
2-Fluorobiphenyl
Concen: 15.562 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:172 Resp: 70206

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	25.1	18.9	28.3



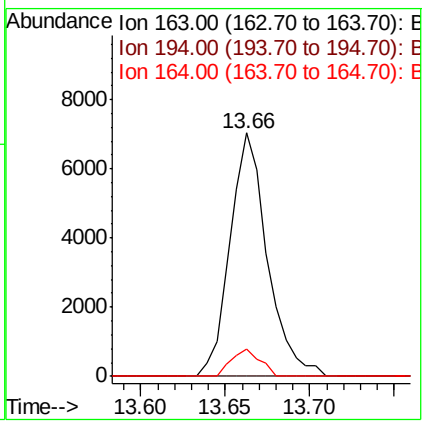


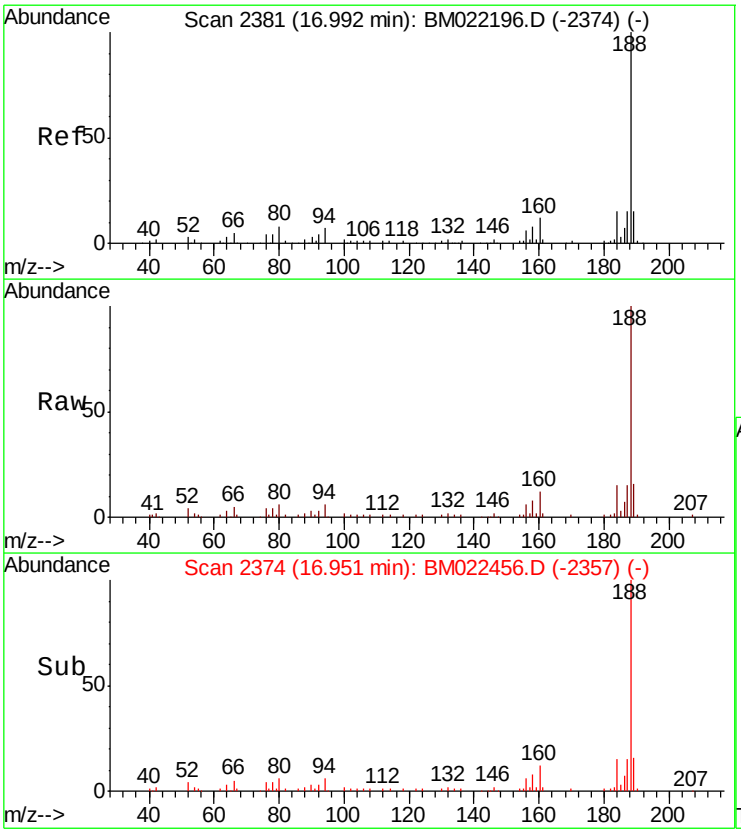
#50
Dimethylphthalate
Concen: 2.434 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 10820

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	11.3	8.2	12.2

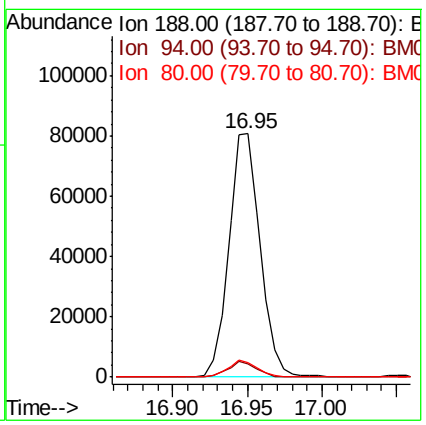


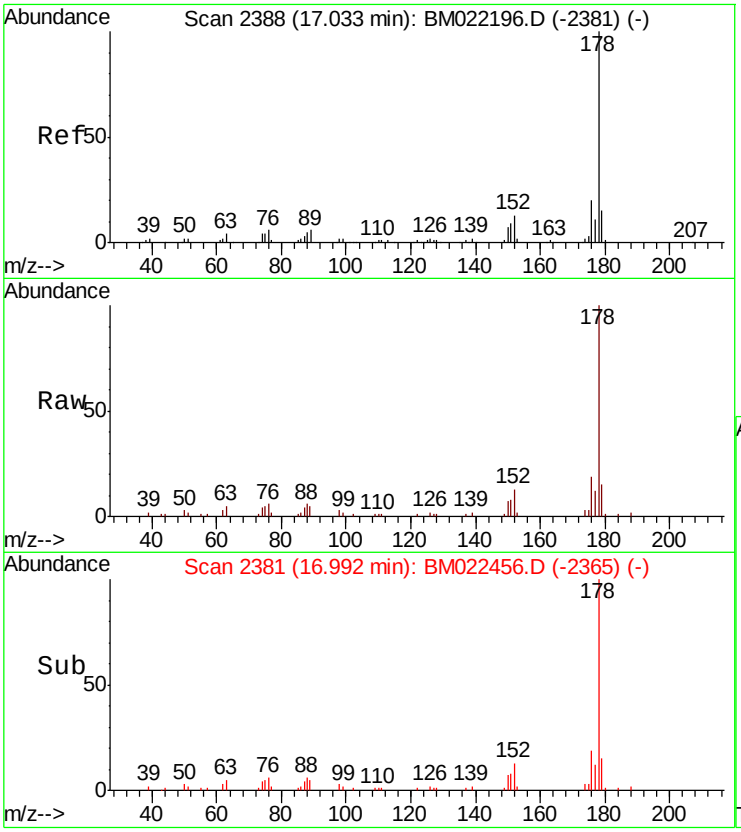


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:188 Resp: 118330

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.4	6.6
80	6.0	5.0	7.6



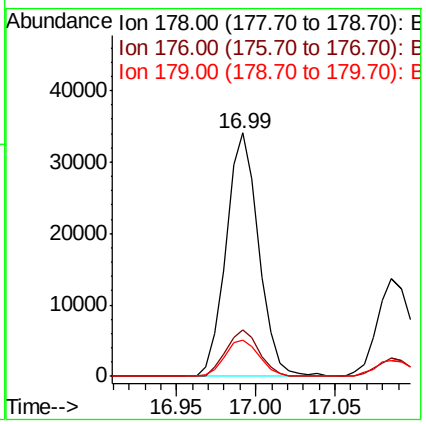


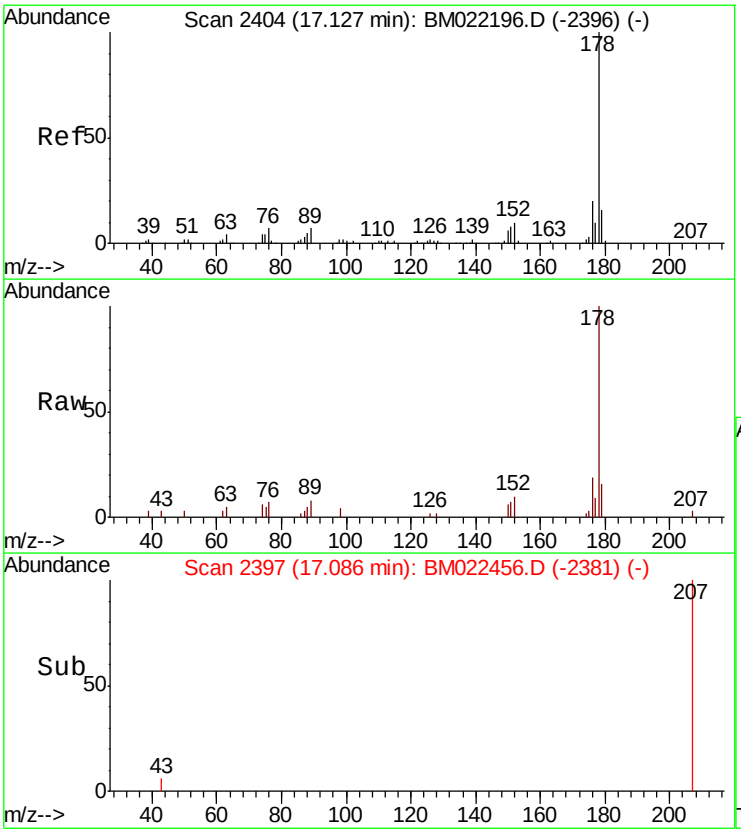
#71
Phenanthrene
Concen: 7.010 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 48353

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	14.9	12.3	18.5

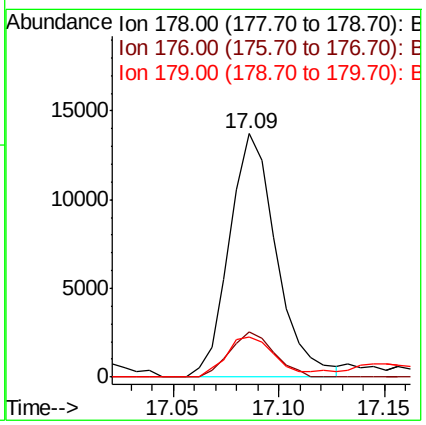


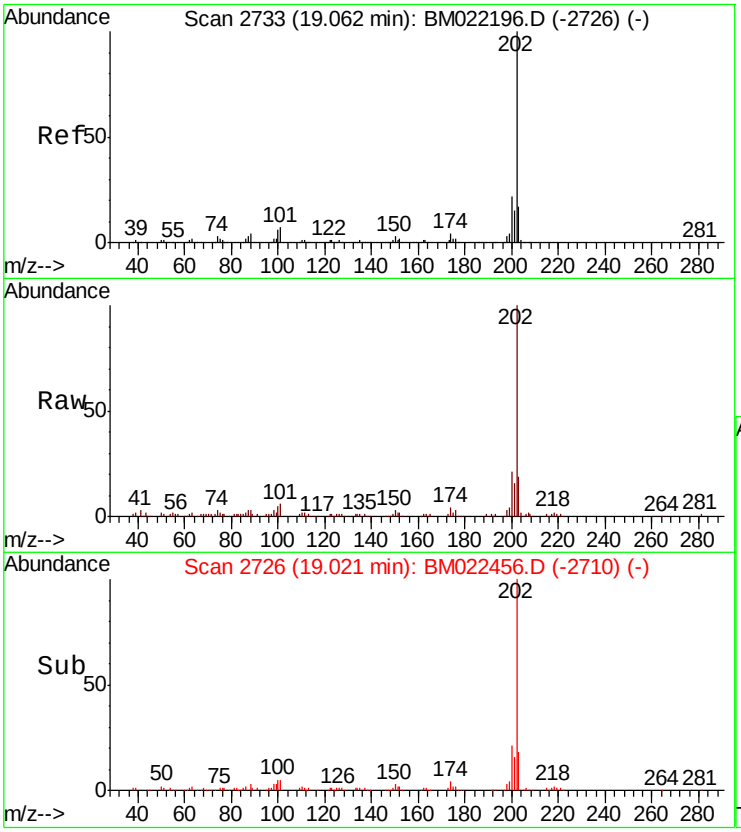


#72
Anthracene
Concen: 3.134 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:178 Resp: 21269

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.3	11.8	17.6



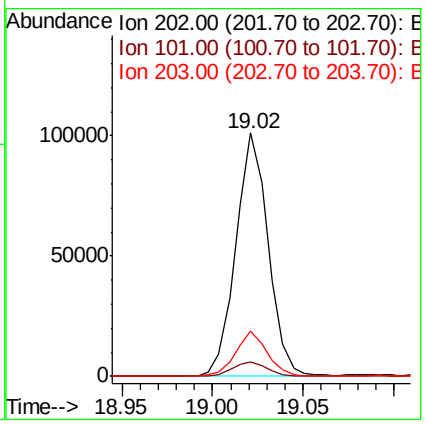


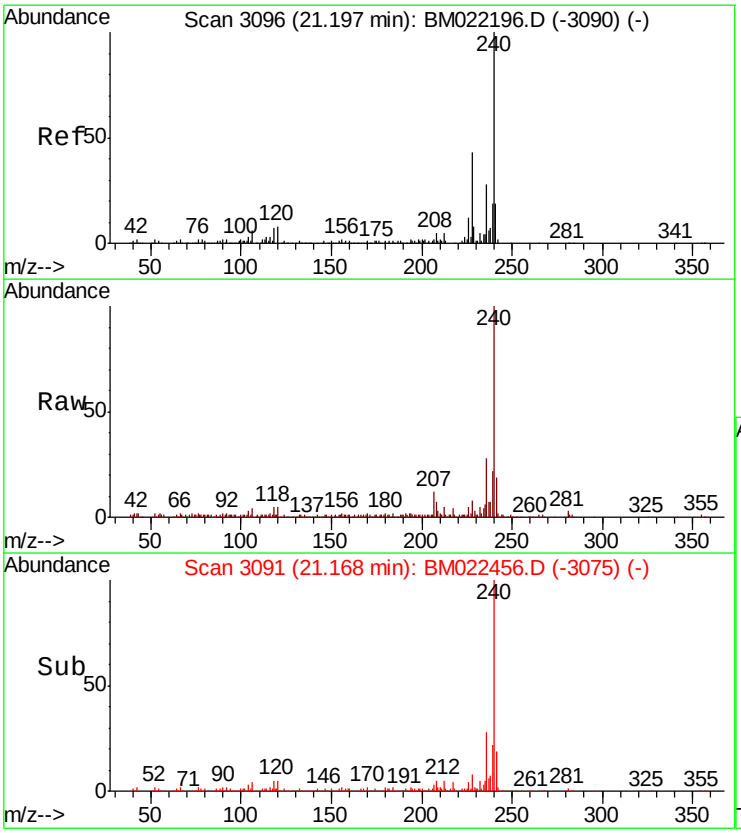
#75
Fluoranthene
Concen: 13.709 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 125925

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	25.1
203	18.7	0.0	37.1

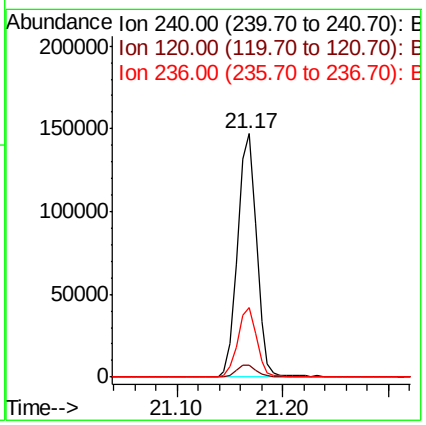


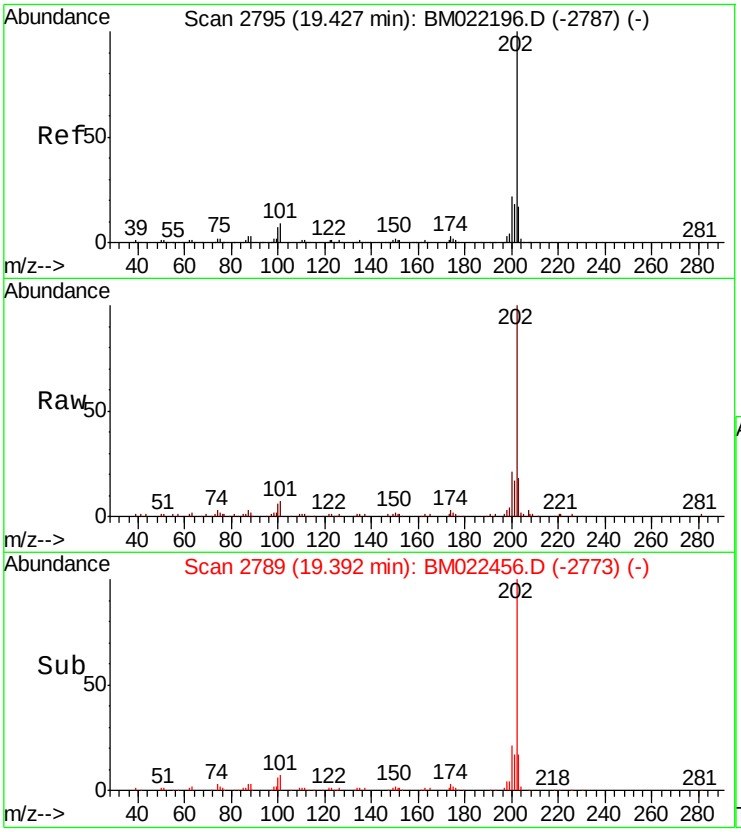


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:240 Resp: 182325

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.9	5.9
236	28.3	21.4	32.2



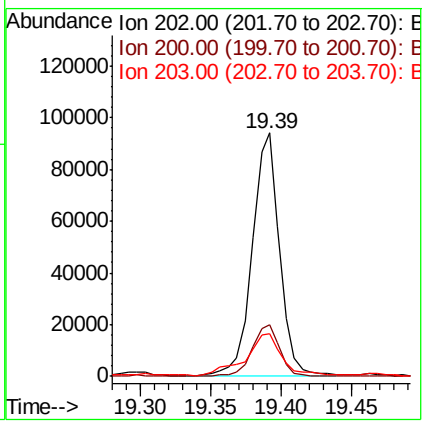


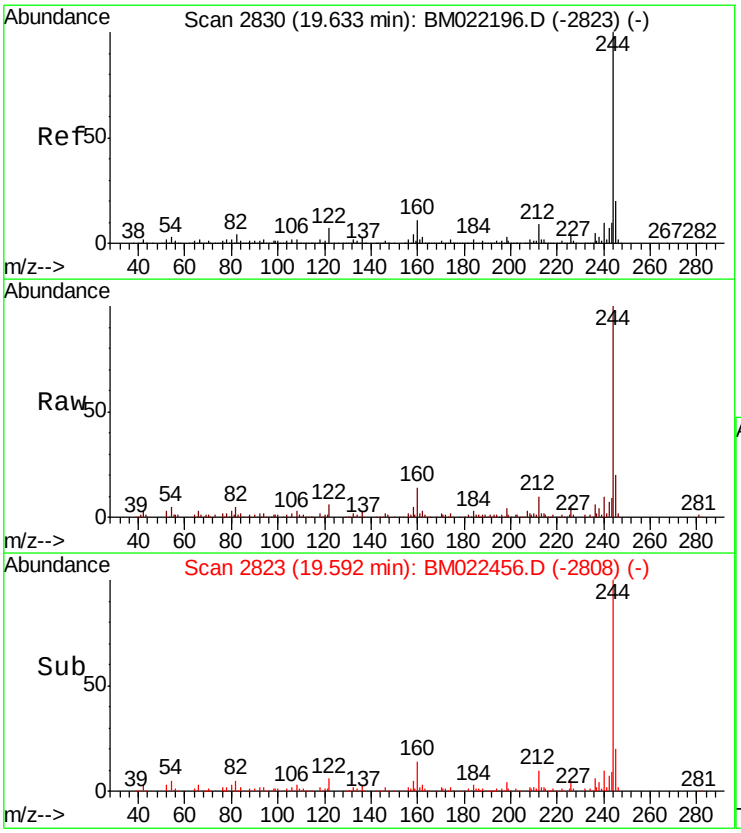
#78
Pyrene
Concen: 10.385 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 129039

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.6	13.8	20.8

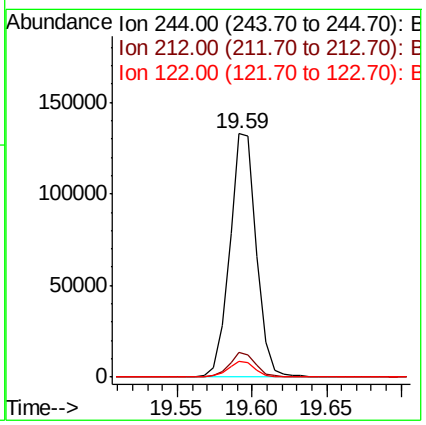


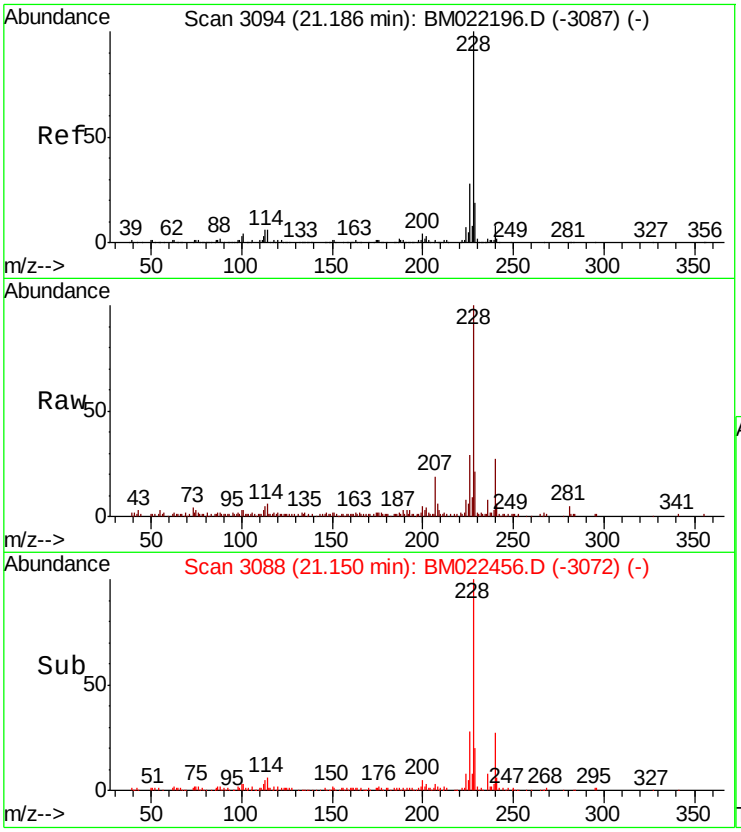


#79
Terphenyl-d14
Concen: 12.006 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:244 Resp: 165862

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.0	10.4
122	6.5	3.9	5.9#



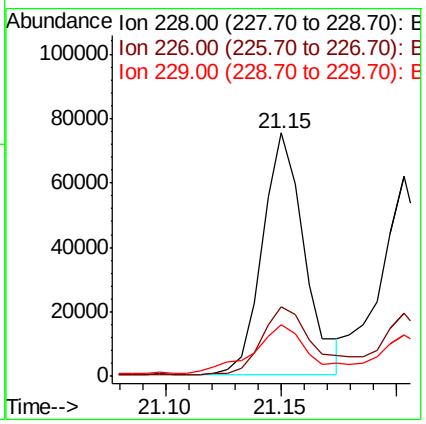


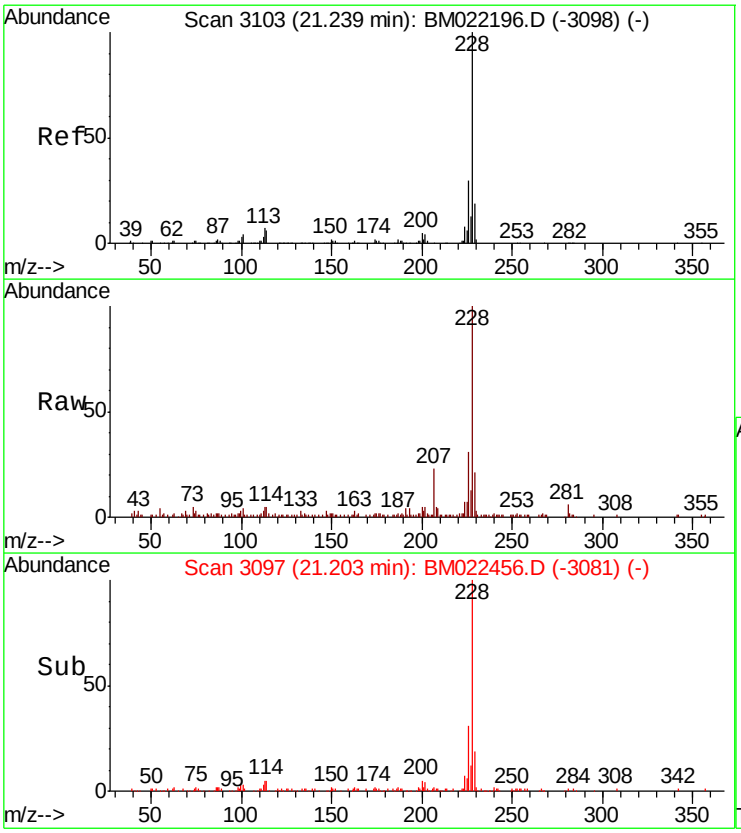
#81
Benzo(a)anthracene
Concen: 7.280 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 95265

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	21.4	15.9	23.9

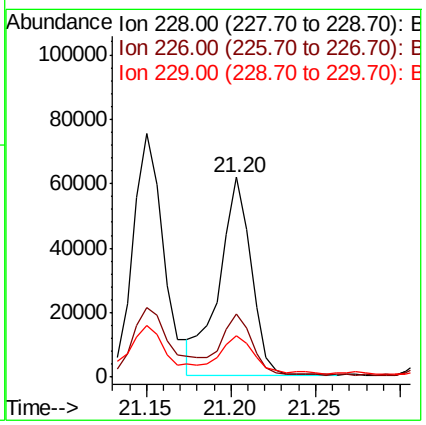


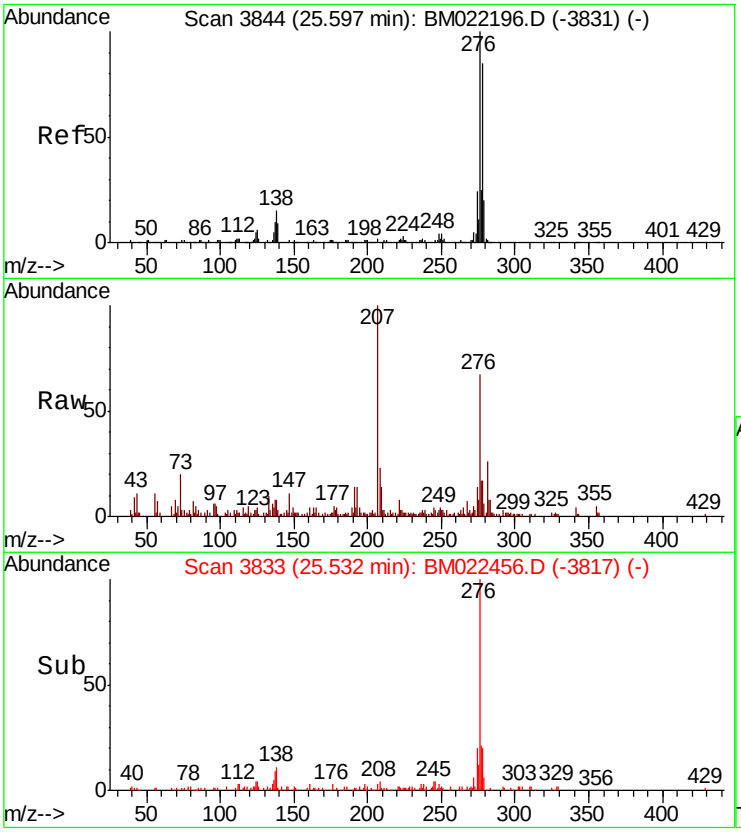


#83
Chrysene
Concen: 6.478 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:228 Resp: 80694

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	20.6	15.7	23.5



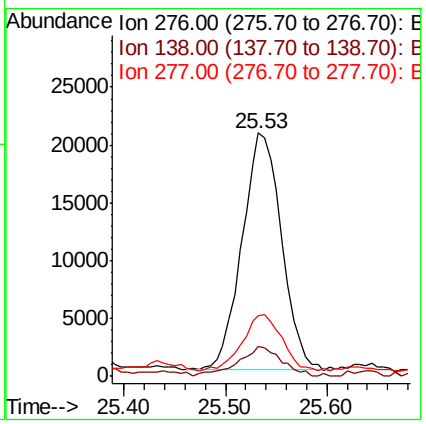


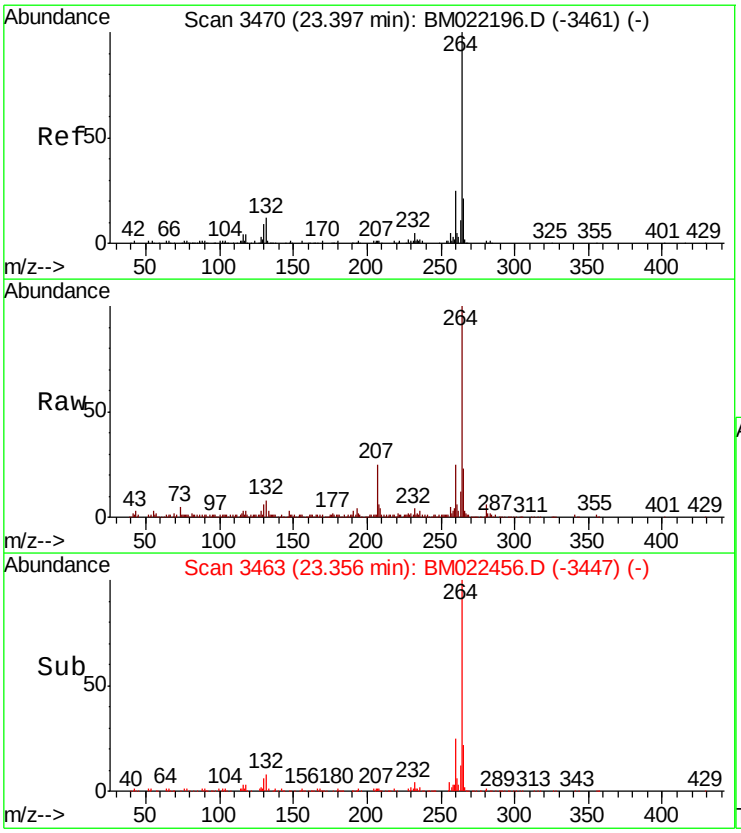
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.448 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 55733

Ion	Ratio	Lower	Upper
276	100		
138	13.7	9.1	13.7
277	24.0	20.0	30.0

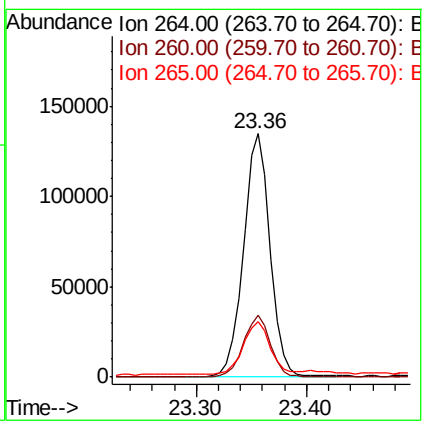


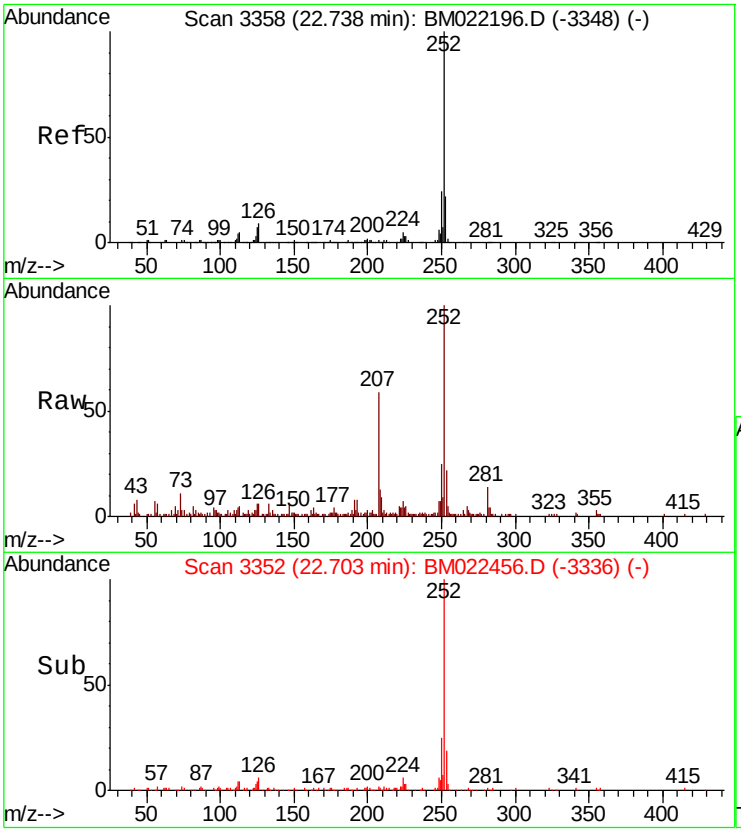


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:264 Resp: 225885

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	23.0	18.2	27.2



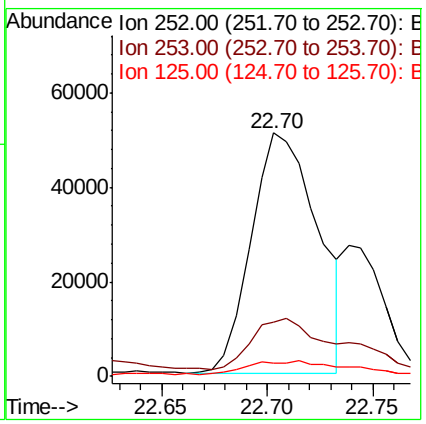


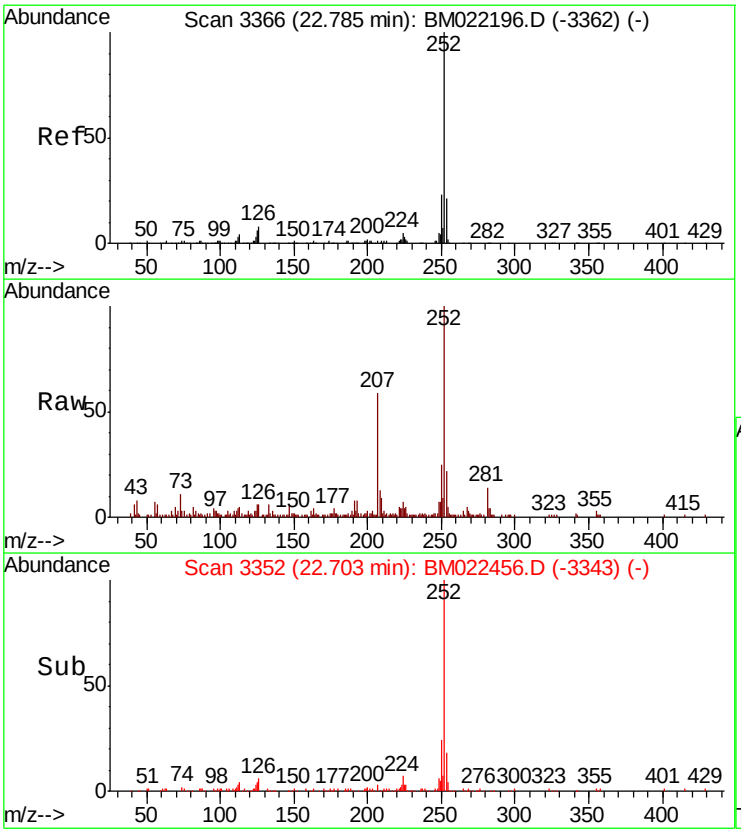
#88
Benzo(b)fluoranthene
Concen: 7.077 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 111048

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.7	3.5	5.3#

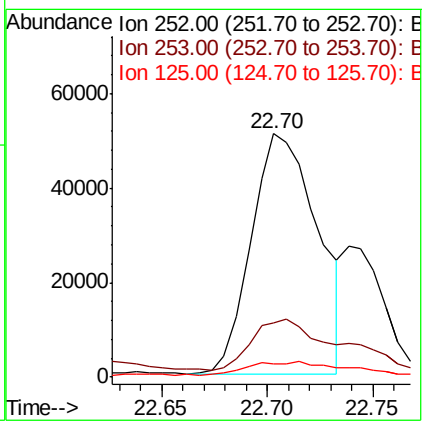


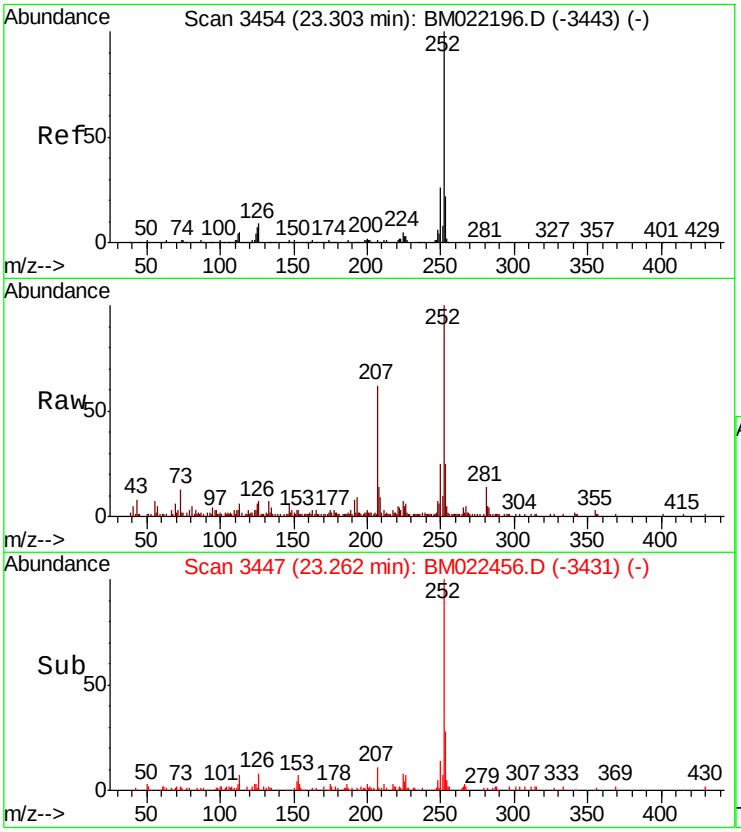


#89
Benzo(k)fluoranthene
Concen: 7.133 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:252 Resp: 111048

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	5.7	3.7	5.5#



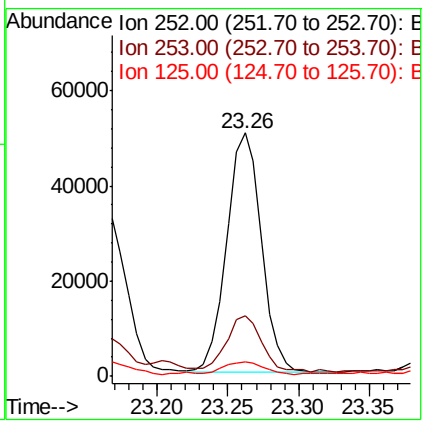


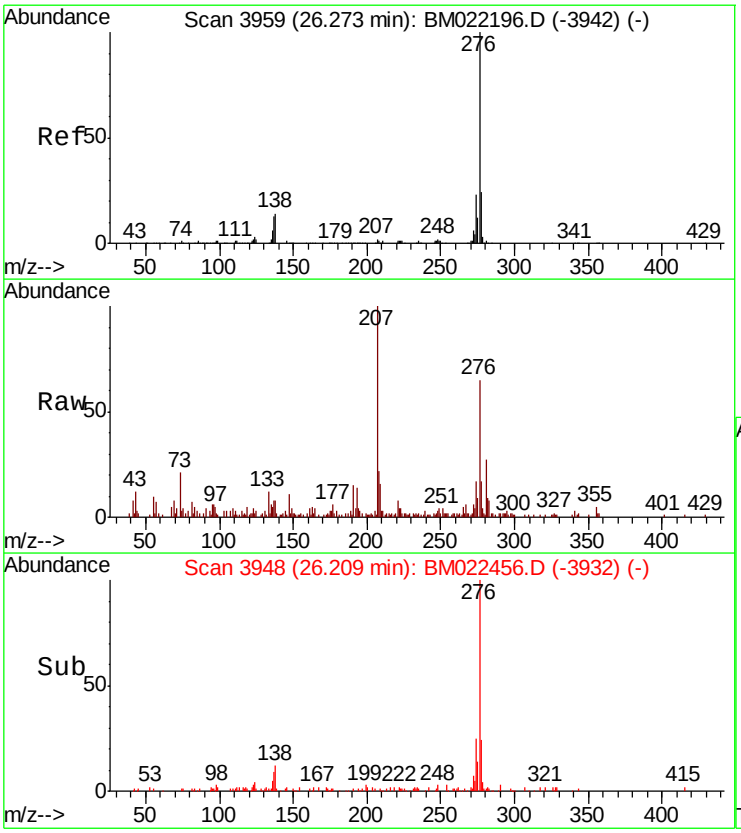
#90
Benzo(a)pyrene
Concen: 6.212 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 86524

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	6.2	3.8	5.8#





#92
Benzo(g,h,i)perylene
Concen: 4.489 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BM022456.D
Acq: 31 Aug 2019 00:23

Tgt Ion:276 Resp: 54339

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.0
138	12.0	8.8	13.2