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

Quantitation Report (Not Reviewed)

Data File : BM022425.D
Acq On : 30 Aug 2019 01:38
Operator : HP/JU
Sample : K4539-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-3-(1-3)

Quant Time: Aug 30 07:54:34 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	15702	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	56276	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	35305	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	79558	20.00	ng		0.00
76) Chrysene-d12	21.17	240	120880	20.00	ng		0.00
87) Perylene-d12	23.35	264	149586	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	43306	48.41	ng		0.00
7) Phenol-d6	6.72	99	60411	50.50	ng		0.00
23) Nitrobenzene-d5	8.70	82	39799	30.98	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	20691	28.64	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	80262	25.75	ng		0.00
79) Terphenyl-d14	19.60	244	189606	20.70	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.67	163	9868	3.214	ng	#	95
71) Phenanthrene	17.00	178	15734	3.393	ng		98
75) Fluoranthene	19.03	202	45836	7.422	ng		97
78) Pyrene	19.39	202	48914	5.938	ng		97
81) Benzo(a)anthracene	21.15	228	31807	3.666	ng		97
83) Chrysene	21.20	228	28073	3.399	ng		95
86) Indeno(1,2,3-cd)pyrene	25.54	276	21211	2.553	ng	#	92
88) Benzo(b)fluoranthene	22.70	252	37716	3.629	ng	#	95
89) Benzo(k)fluoranthene	22.70	252	37716	3.659	ng	#	93
90) Benzo(a)pyrene	23.26	252	29807	3.232	ng	#	93
92) Benzo(g,h,i)perylene	26.21	276	21938	2.737	ng		96

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

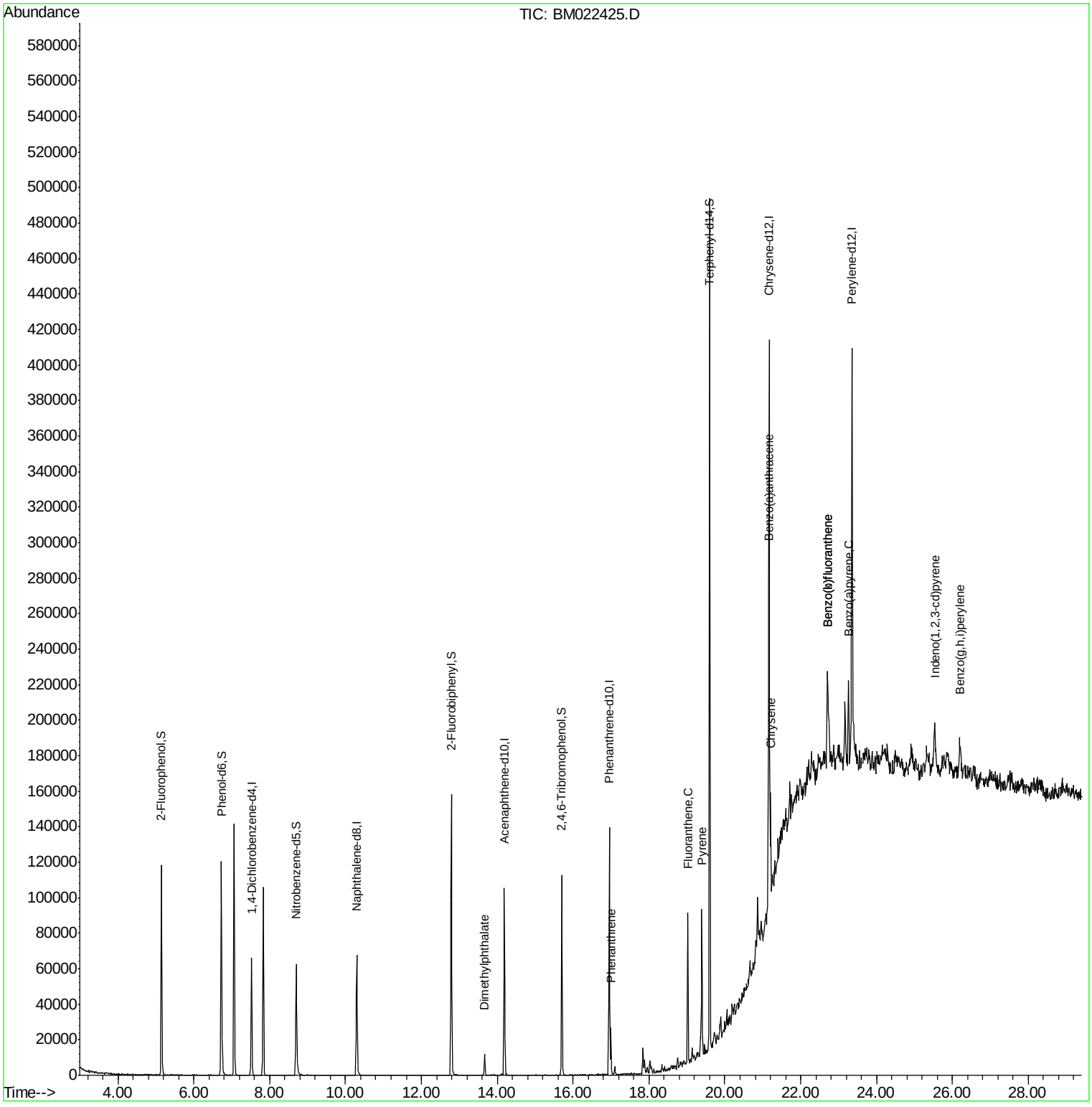
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082919\

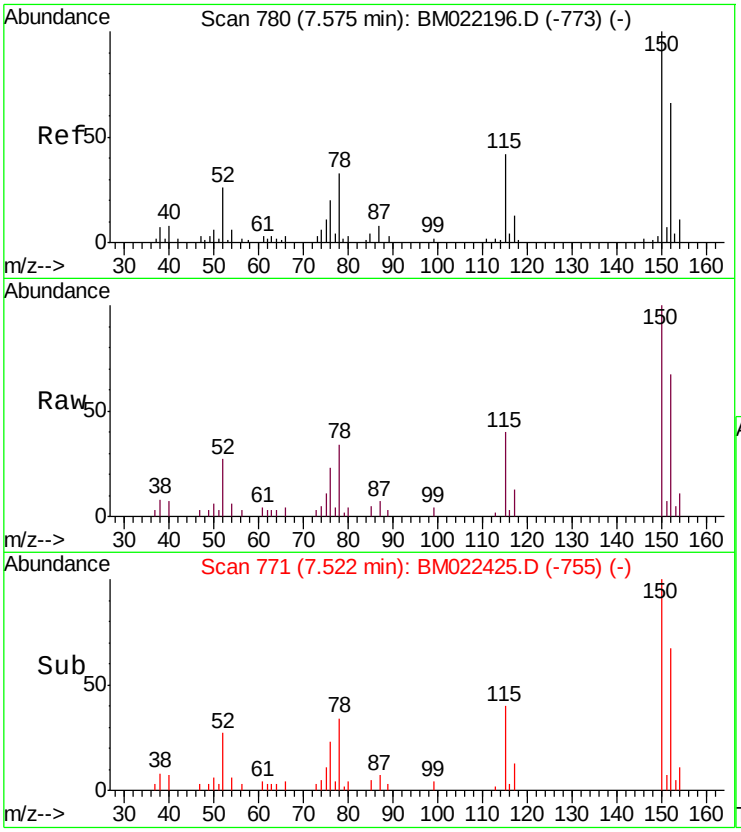
Quantitation Report (Not Reviewed)

Data File : BM022425.D
Acq On : 30 Aug 2019 01:38
Operator : HP/JU
Sample : K4539-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-3-(1-3)

Quant Time: Aug 30 07:54:34 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



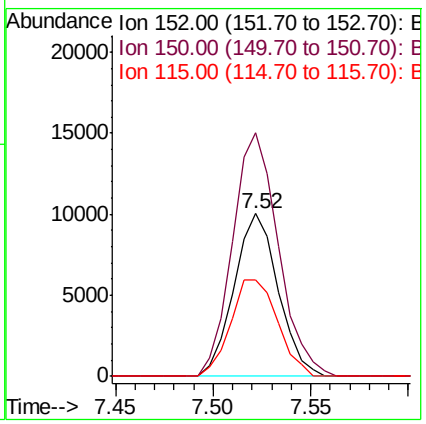


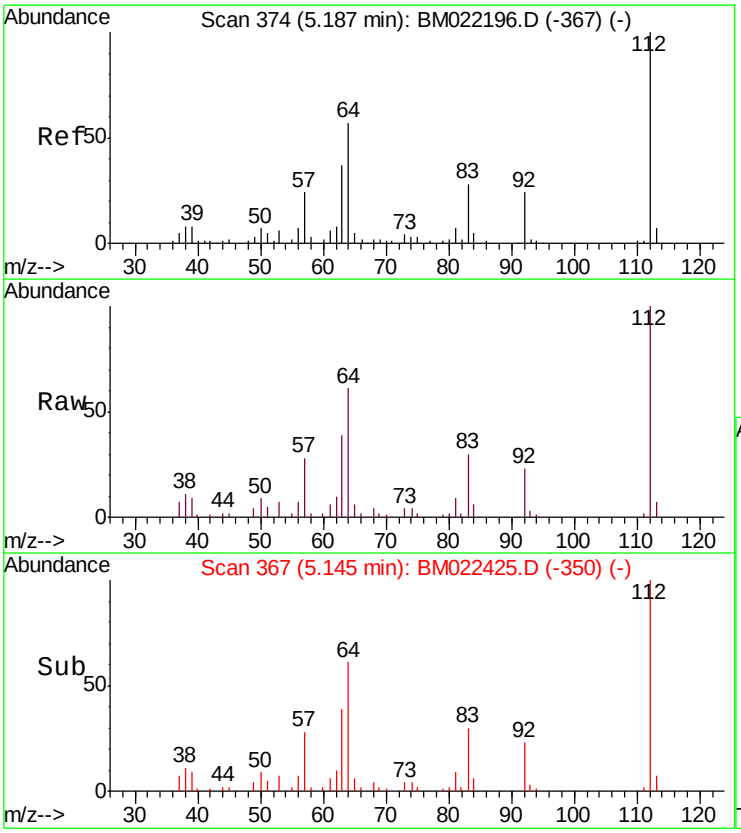
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:152 Resp: 15702

Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.4	188.0
115	59.5	50.3	75.5

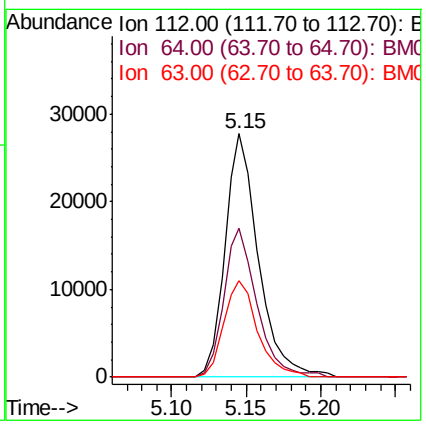


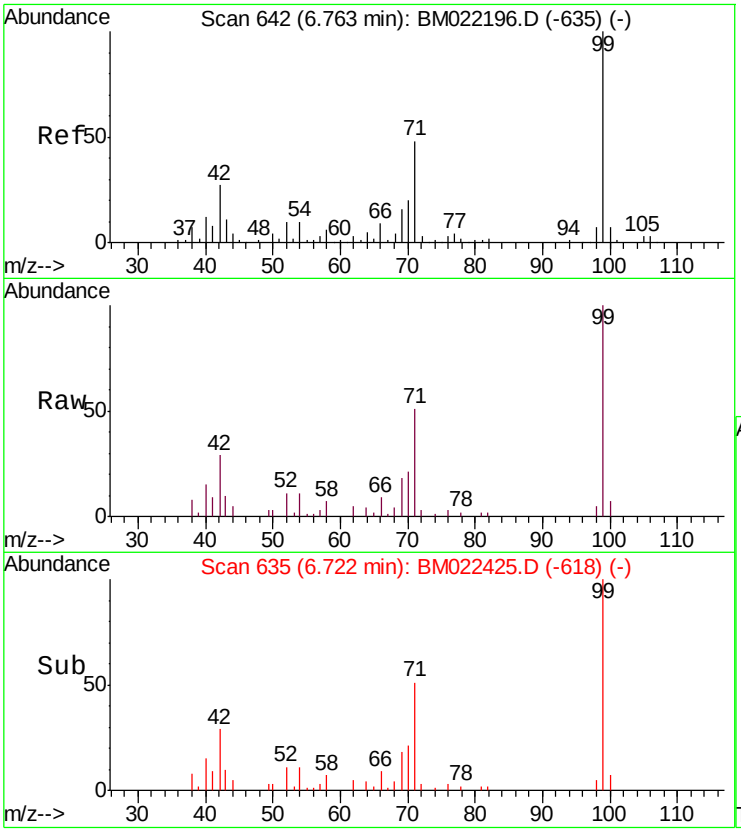


#5
2-Fluorophenol
Concen: 48.412 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:112 Resp: 43306

Ion	Ratio	Lower	Upper
112	100		
64	61.3	45.4	68.2
63	39.4	34.5	51.7



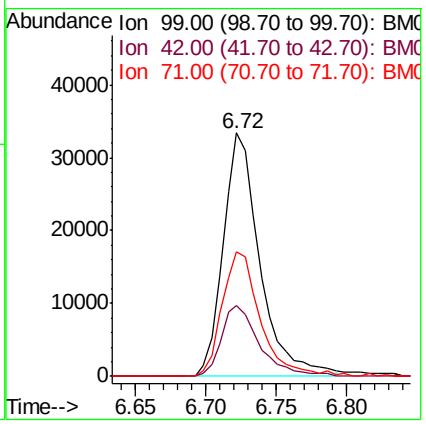


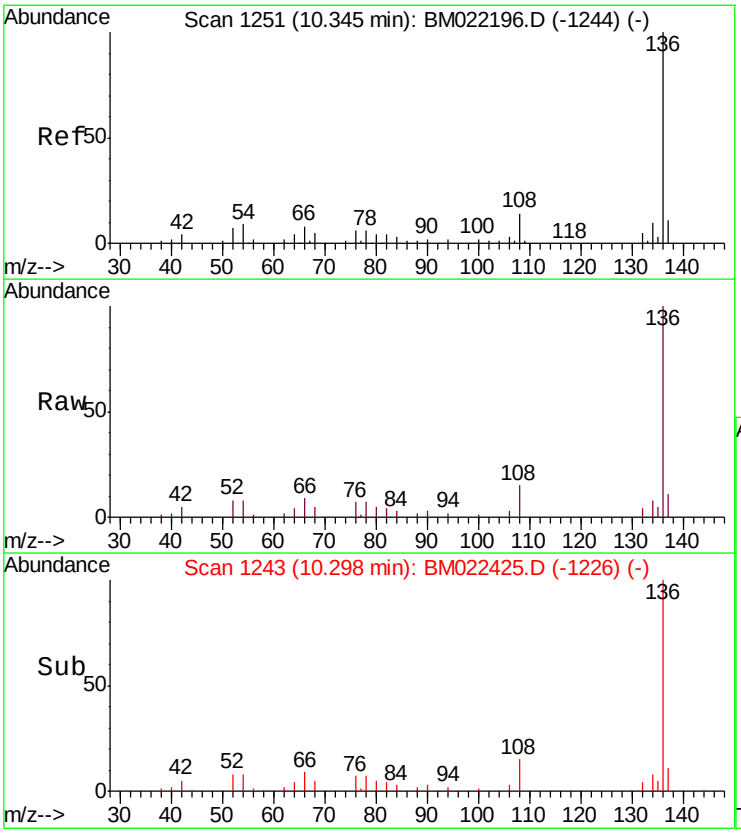
#7
Phenol-d6
Concen: 50.501 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion: 99 Resp: 60411

Ion	Ratio	Lower	Upper
99	100		
42	29.1	26.3	39.5
71	51.3	46.6	69.8

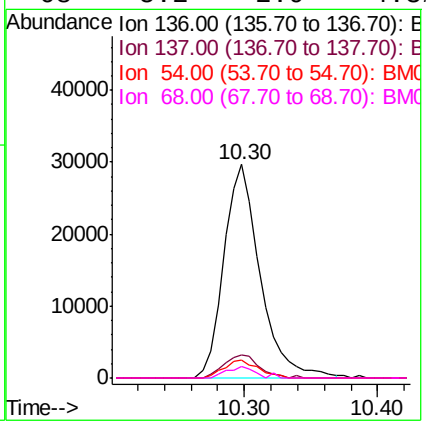


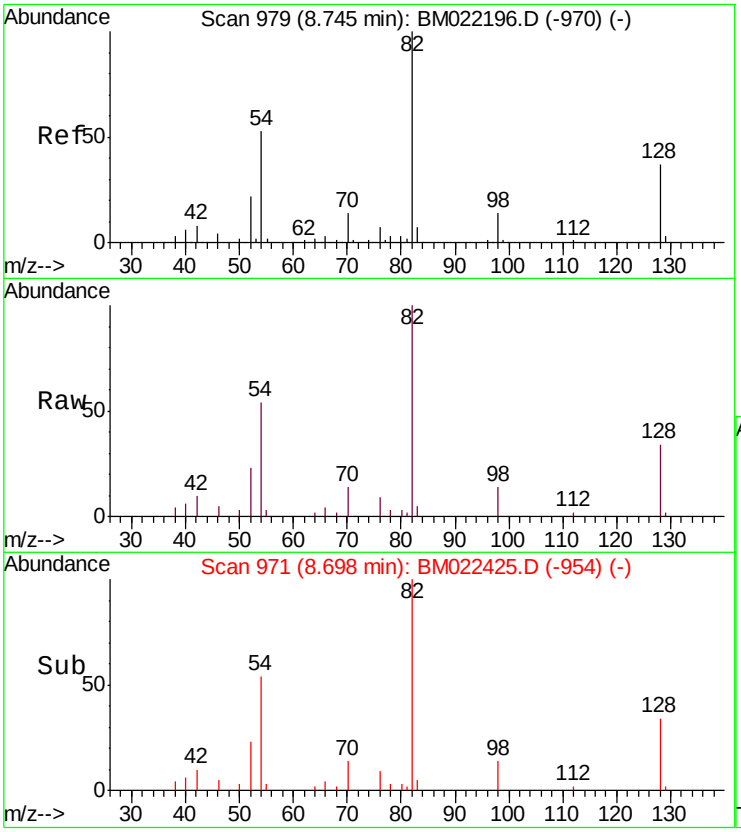


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:136 Resp: 56276

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	7.0	10.6
68	5.2	2.9	4.3#



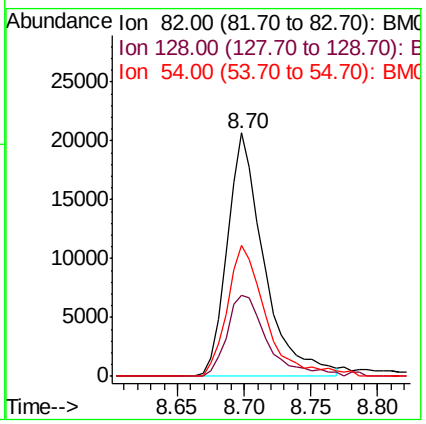


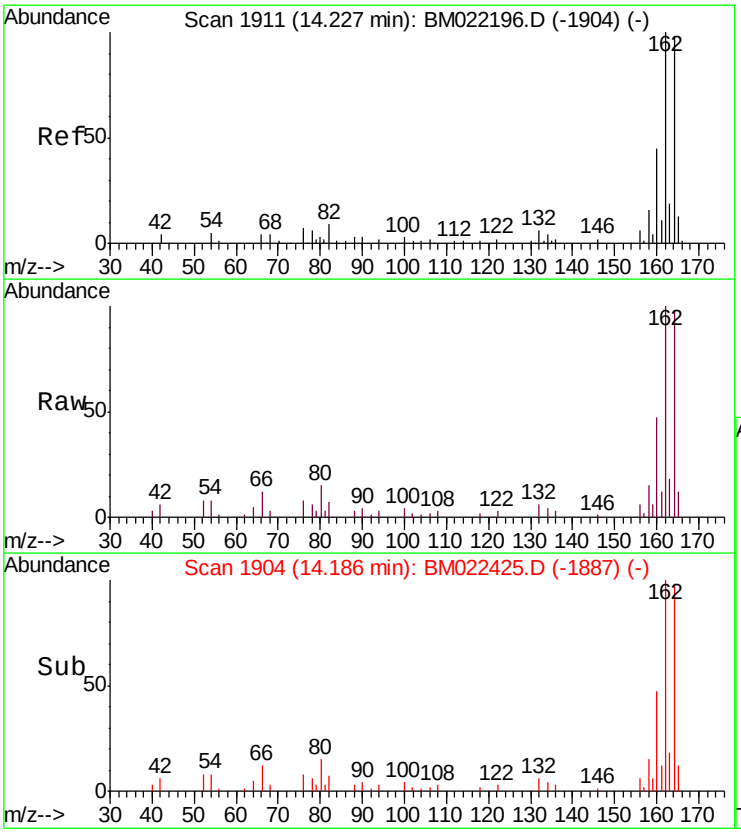
#23
Nitrobenzene-d5
Concen: 30.976 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion: 82 Resp: 39799

Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.9	41.9
54	54.1	45.2	67.8

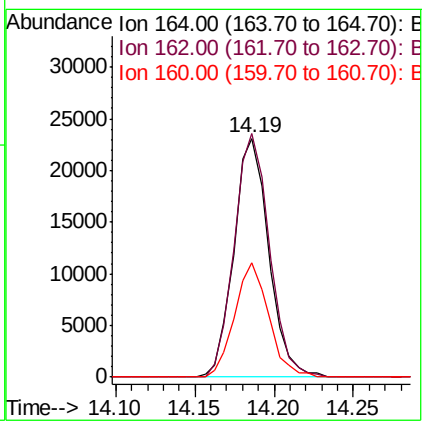


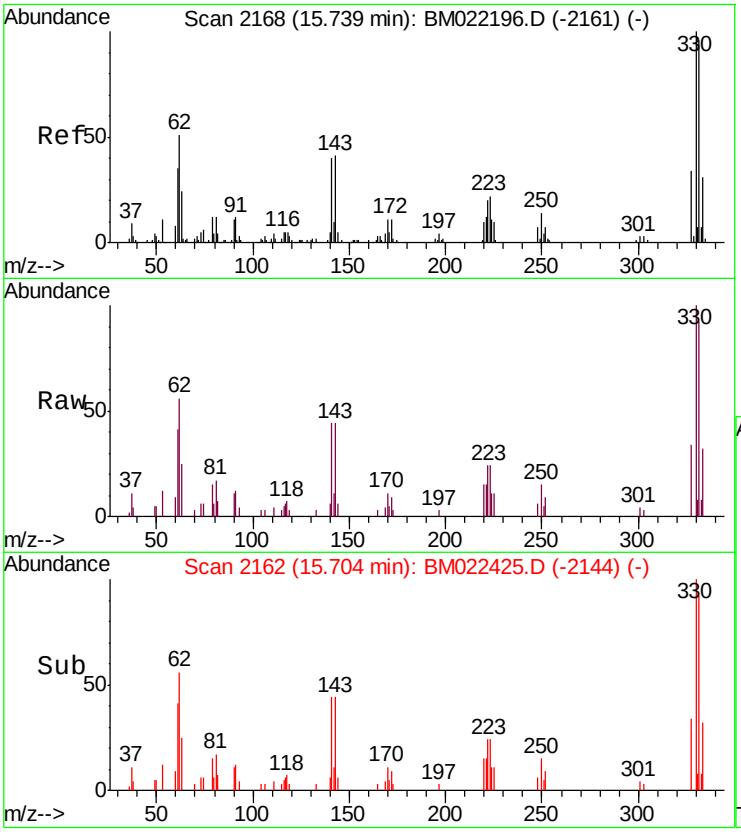


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:164 Resp: 35305

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	48.0	37.3	55.9



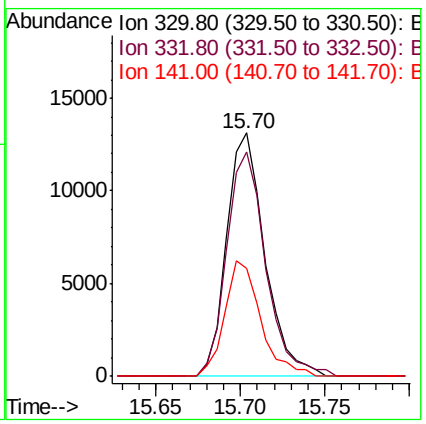


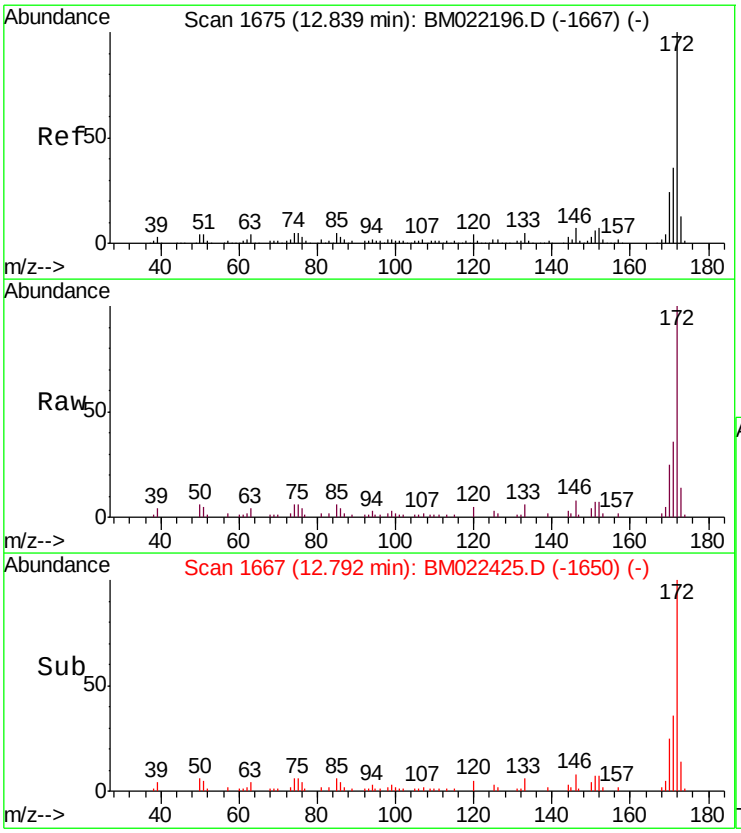
#42
2,4,6-Tribromophenol
Concen: 28.641 ng
RT: 15.70 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:330 Resp: 20691

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.8	116.8
141	44.6	35.6	53.4

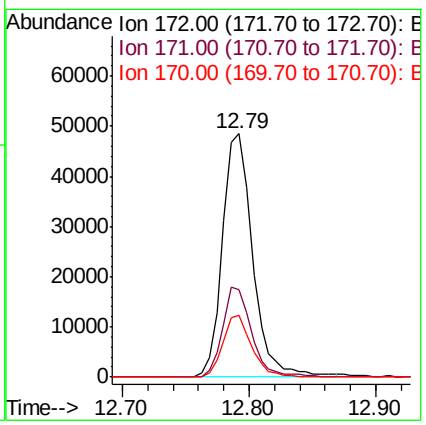


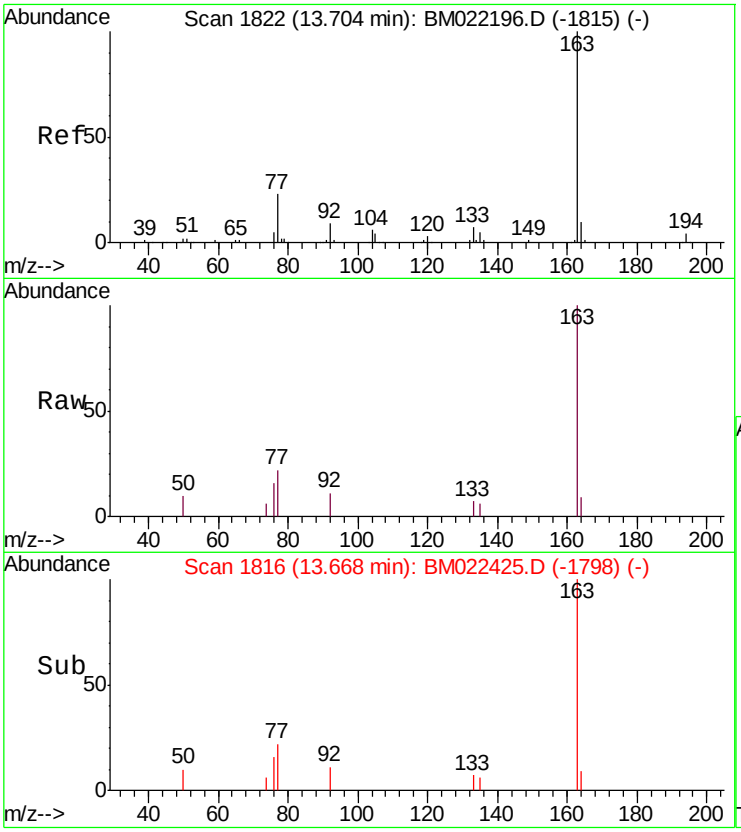


#45
2-Fluorobiphenyl
Concen: 25.754 ng
RT: 12.79 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:172 Resp: 80262

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	25.2	18.9	28.3



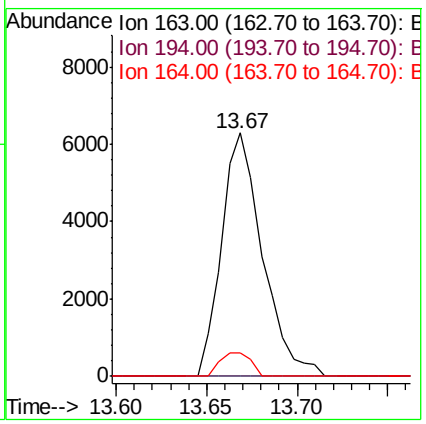


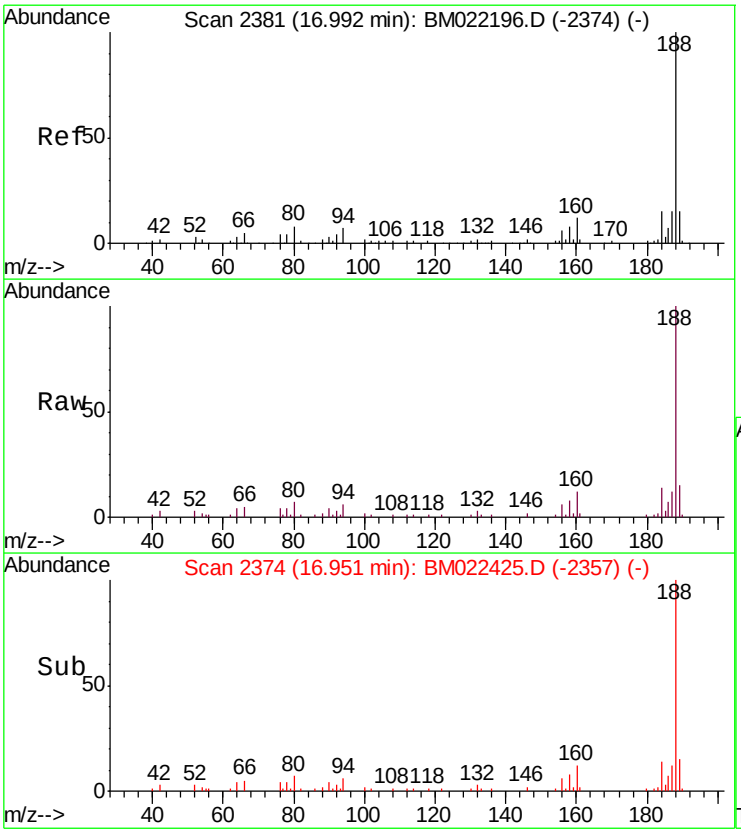
#50
Dimethylphthalate
Concen: 3.214 ng
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:163 Resp: 9868

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	9.4	8.2	12.2

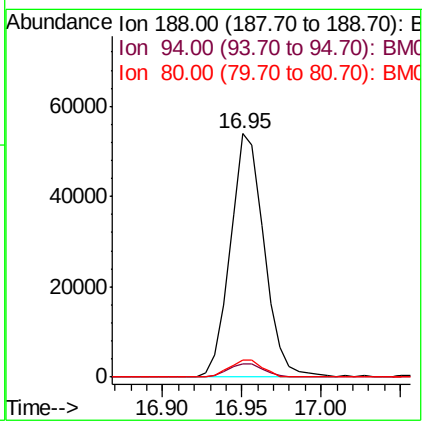


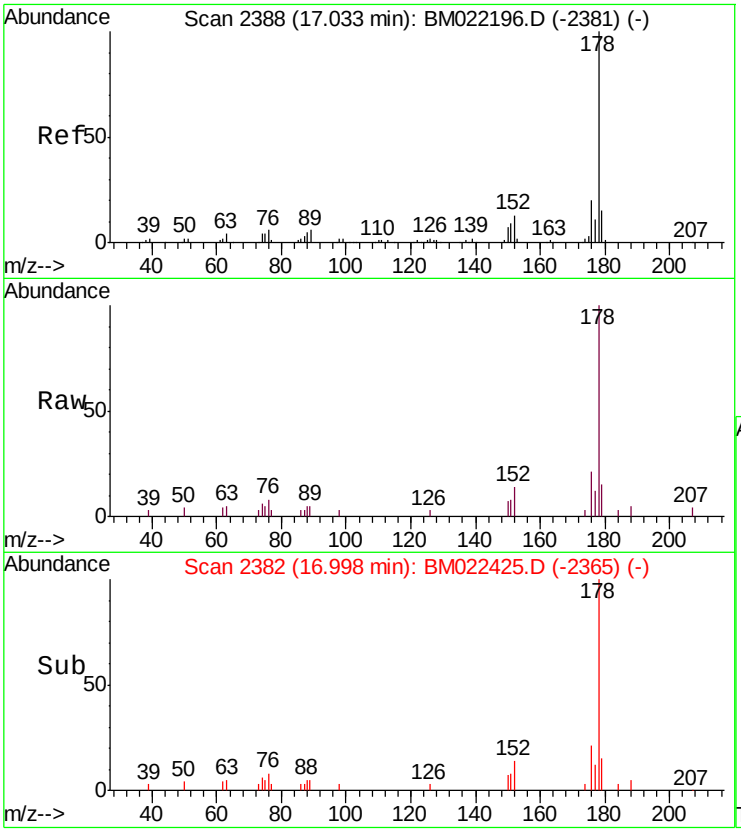


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:188 Resp: 79558

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.4	6.6
80	7.2	5.0	7.6



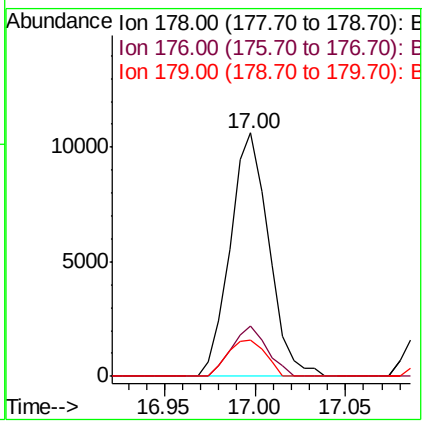


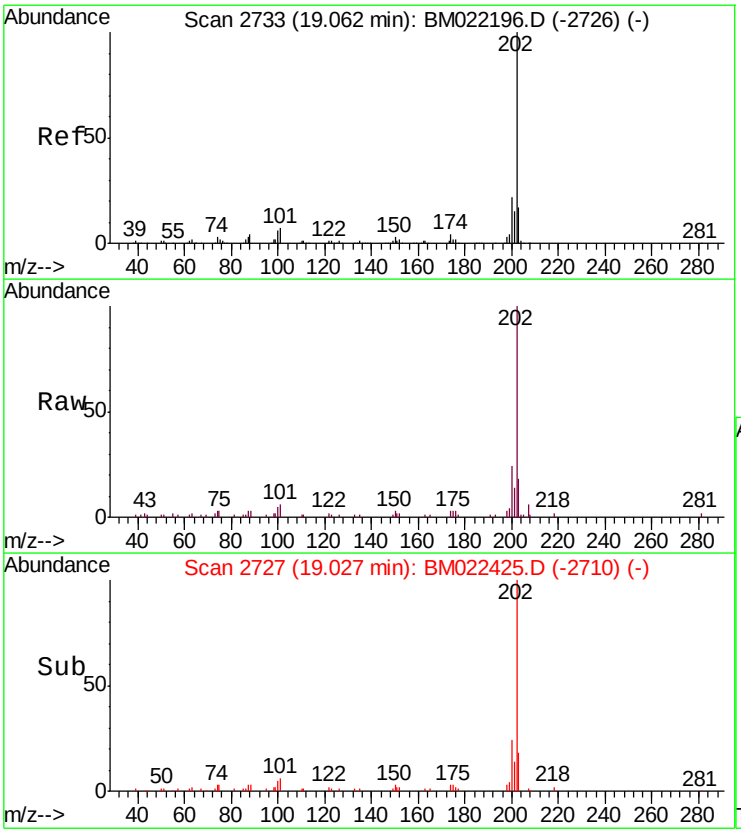
#71
Phenanthrene
Concen: 3.393 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:178 Resp: 15734

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	15.1	12.3	18.5

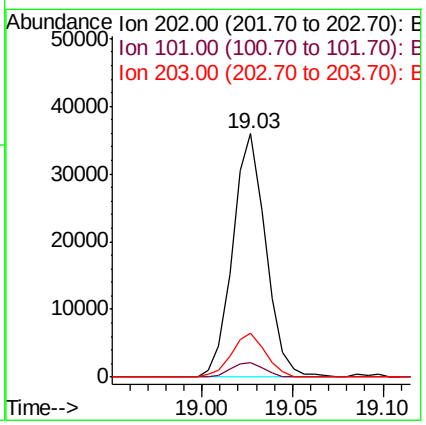


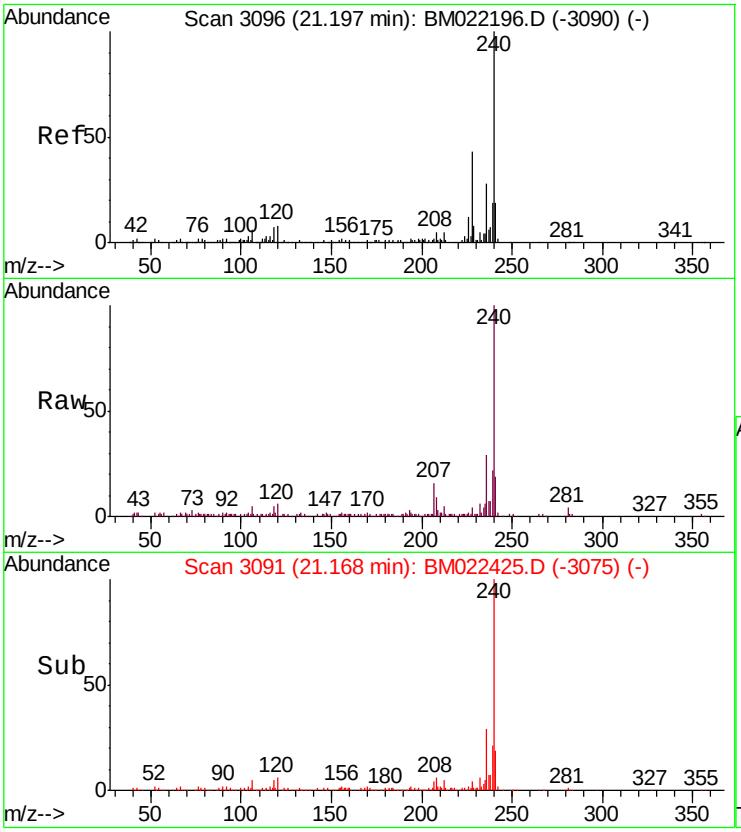


#75
Fluoranthene
Concen: 7.422 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:202 Resp: 45836

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	25.1
203	18.1	0.0	37.1



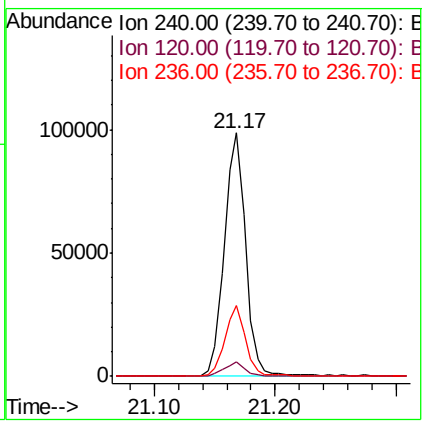


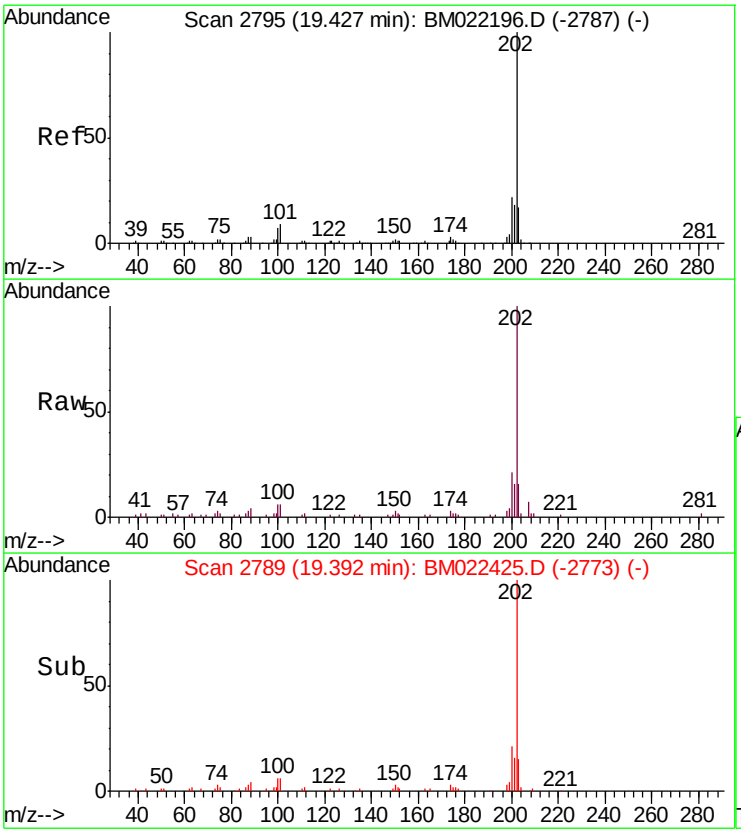
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:240 Resp: 120880

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.9	5.9
236	29.1	21.4	32.2

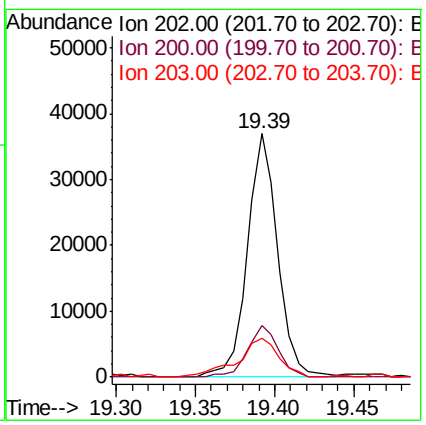


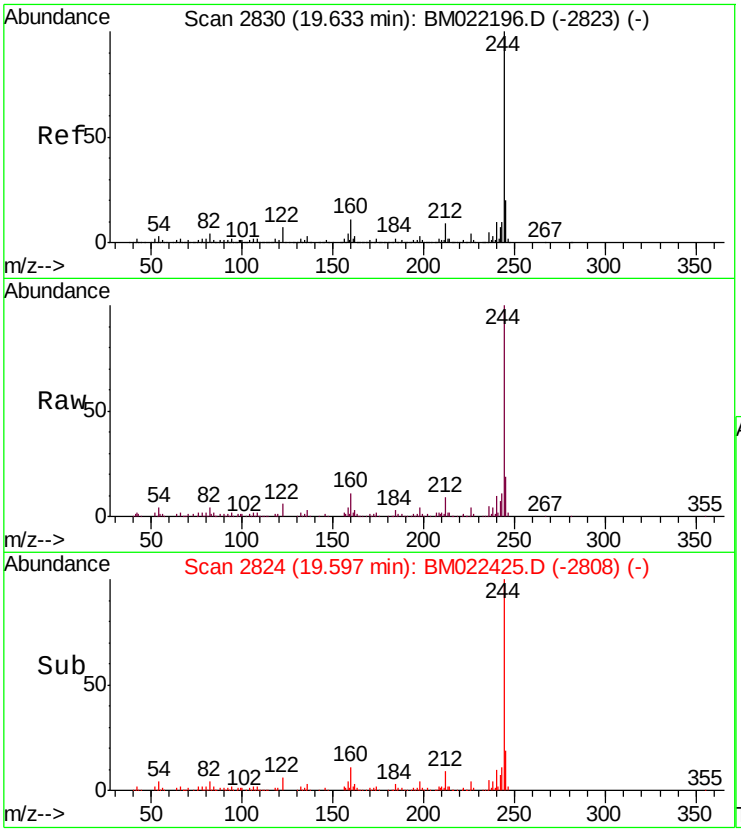


#78
Pyrene
Concen: 5.938 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:202 Resp: 48914

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	16.0	13.8	20.8



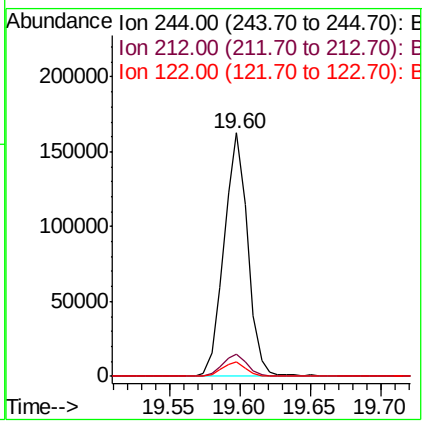


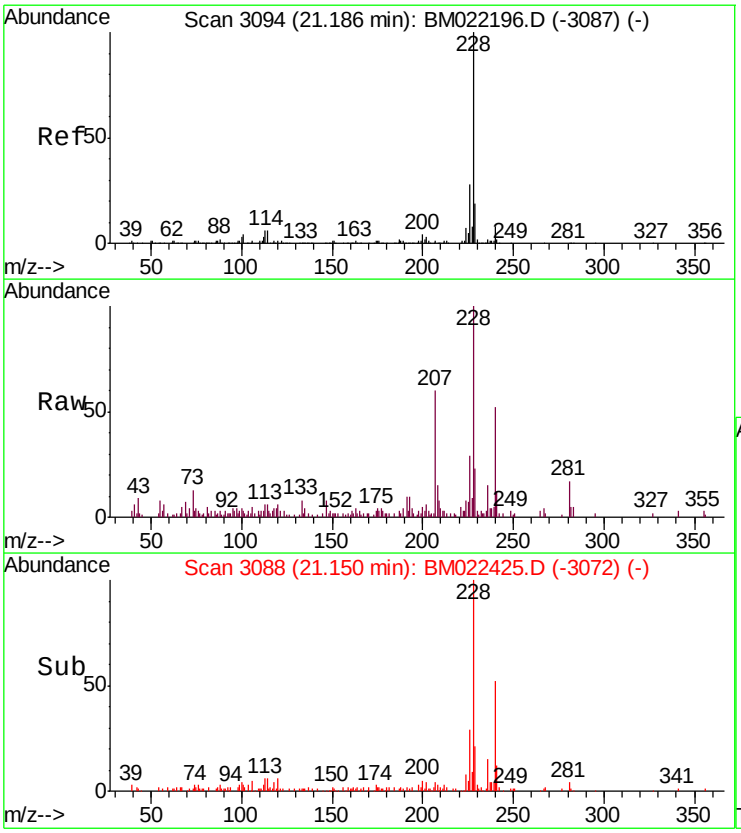
#79
Terphenyl-d14
Concen: 20.701 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:244 Resp: 189606

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.1	3.9	5.9#

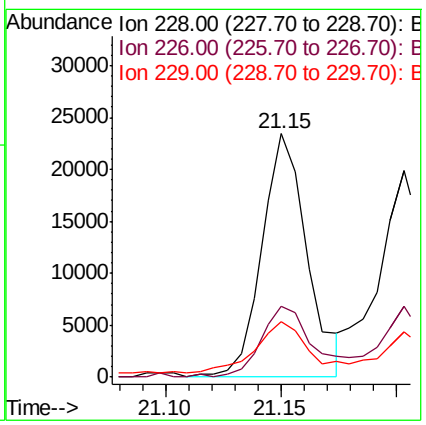


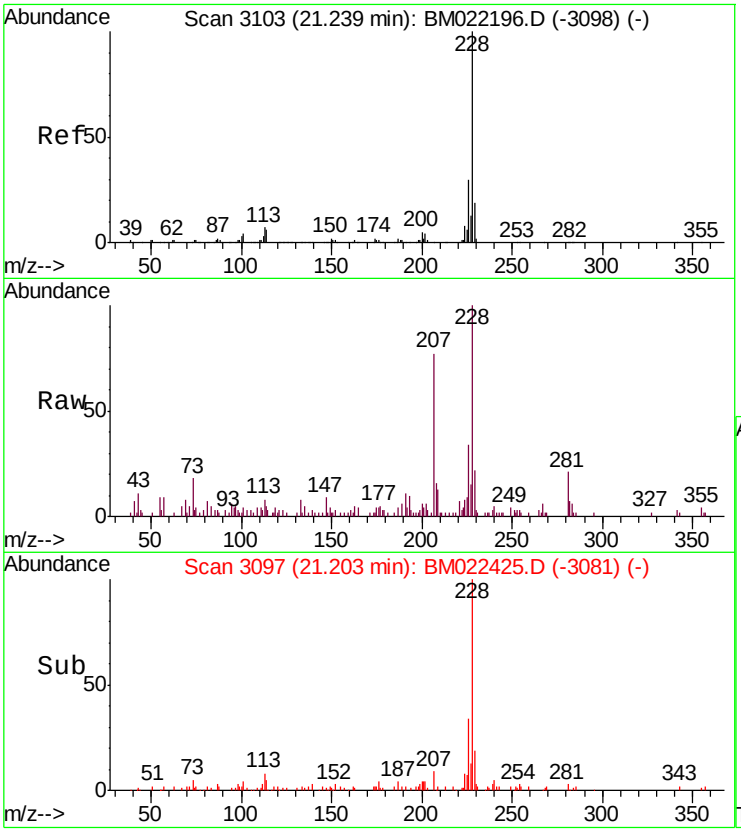


#81
Benzo(a)anthracene
Concen: 3.666 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:228 Resp: 31807

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	22.8	15.9	23.9



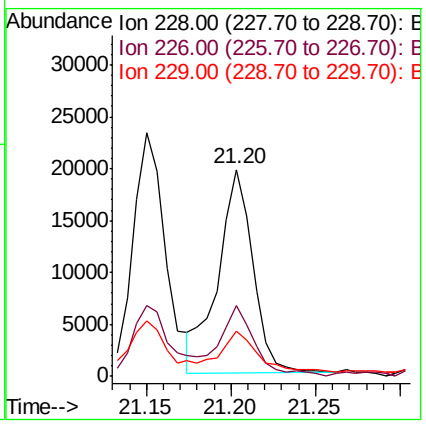


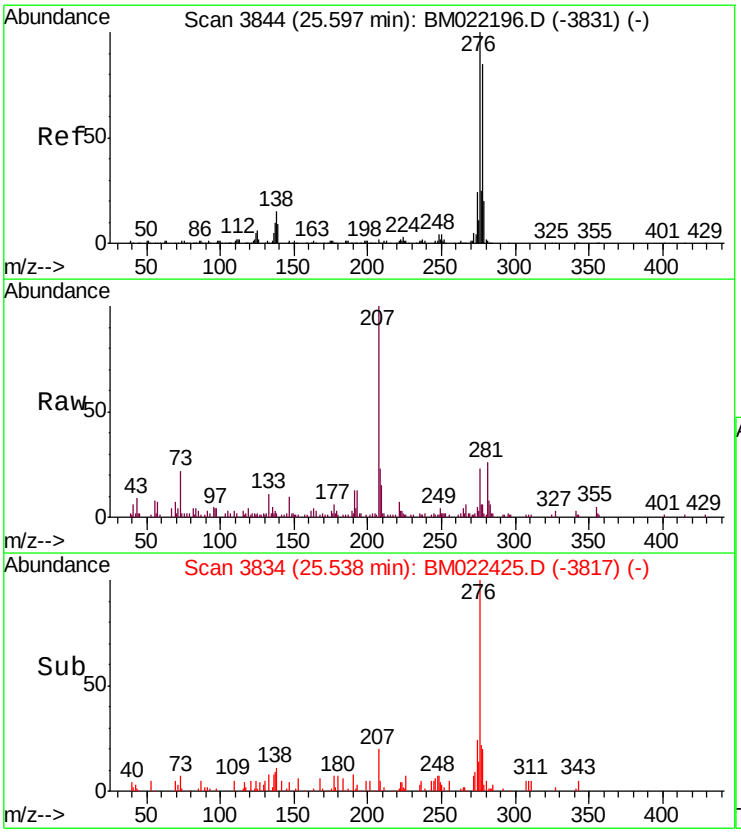
#83
Chrysene
Concen: 3.399 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:228 Resp: 28073

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.5	36.7
229	21.6	15.7	23.5

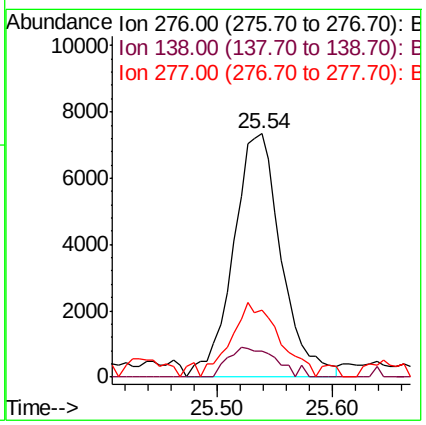


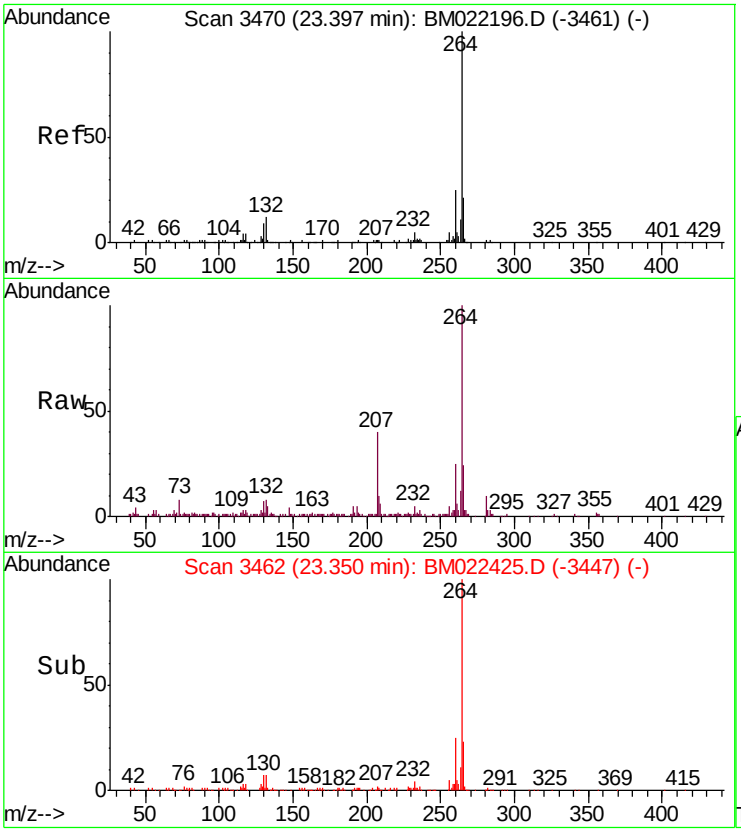


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.553 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.00 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:276 Resp: 21211

Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.1	13.7
277	30.5	20.0	30.0#



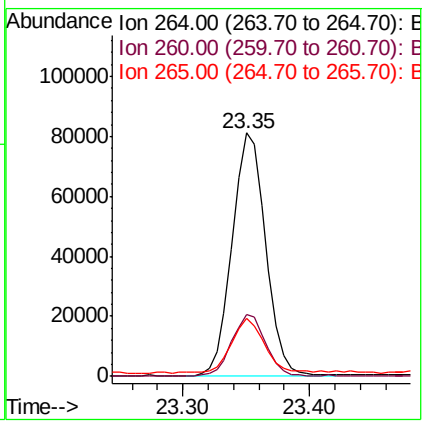


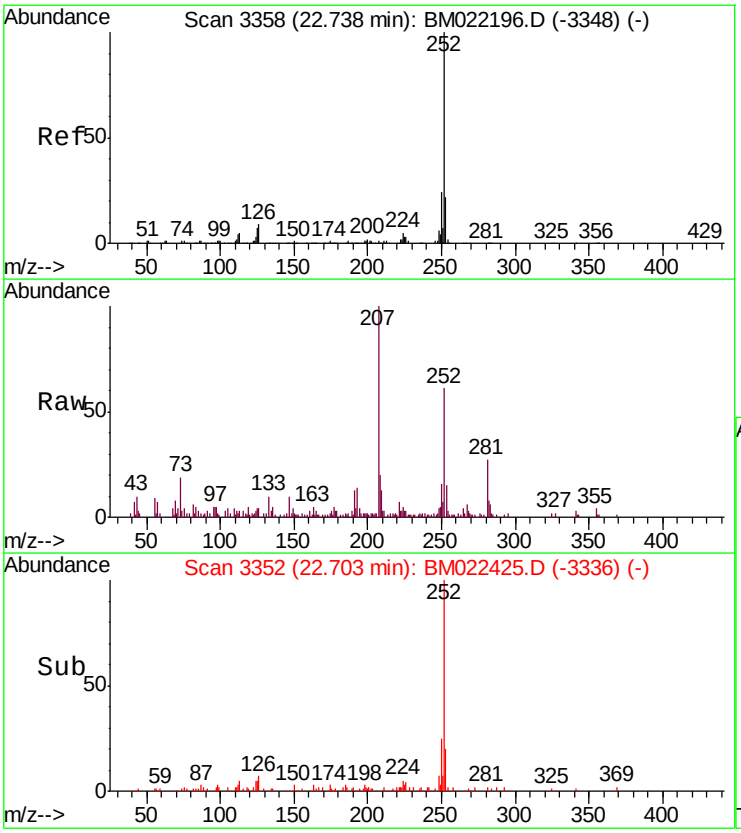
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:264 Resp: 149586

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	23.8	18.2	27.2

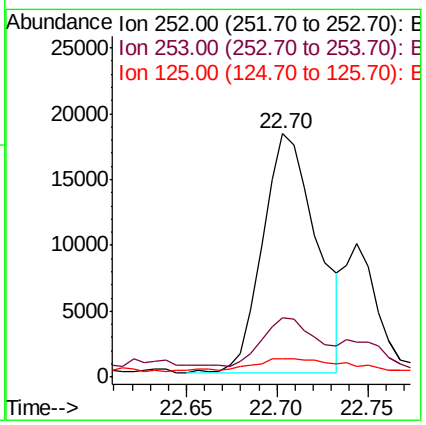


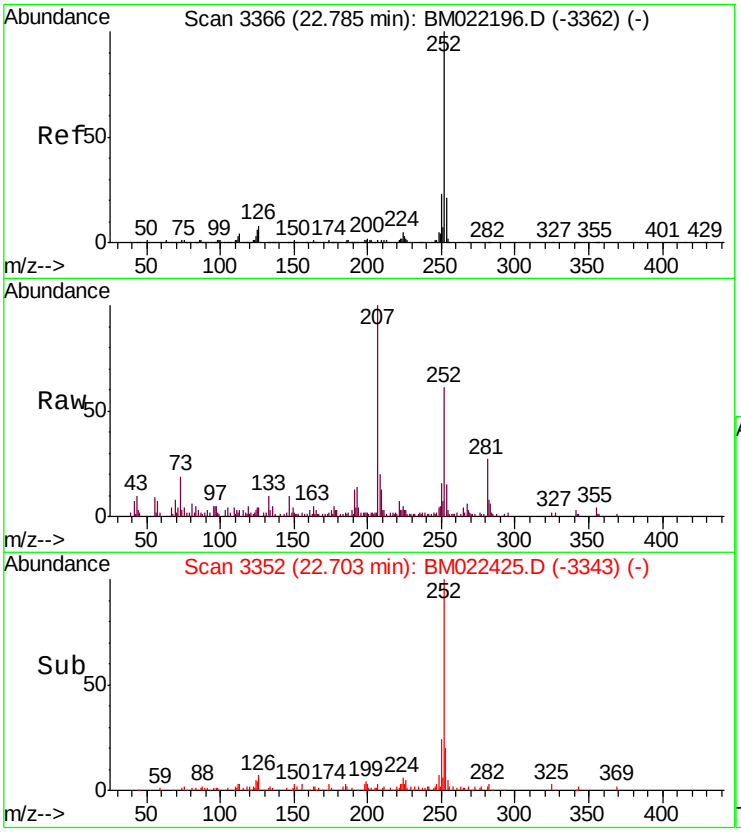


#88
Benzo(b)fluoranthene
Concen: 3.629 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:252 Resp: 37716

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	7.3	3.5	5.3#



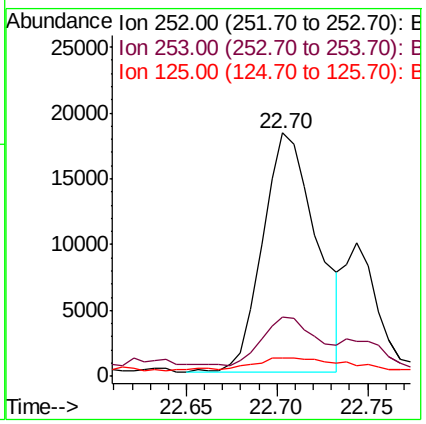


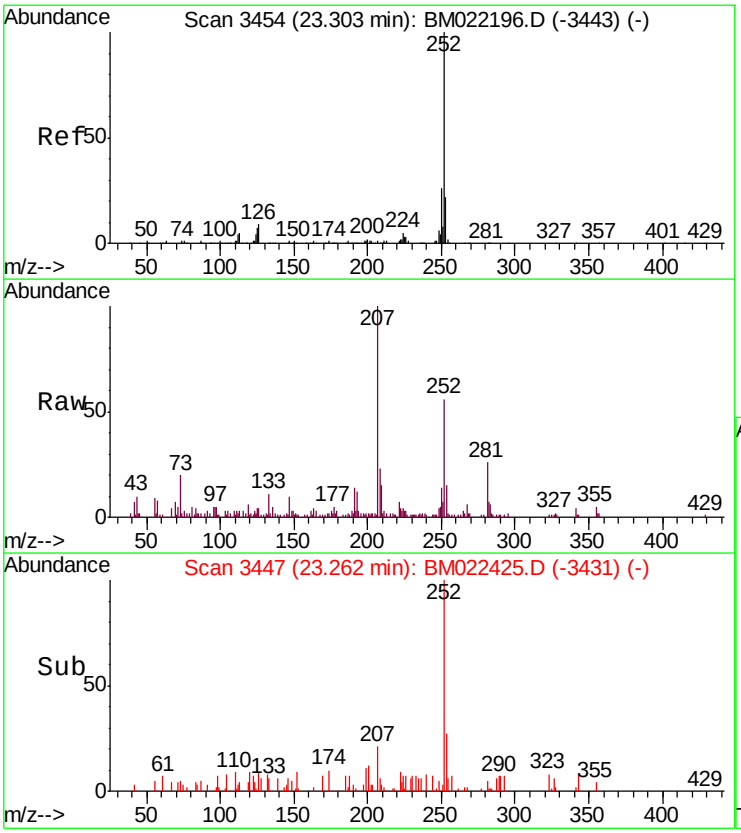
#89
Benzo(k)fluoranthene
Concen: 3.659 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:252 Resp: 37716

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	7.3	3.7	5.5#

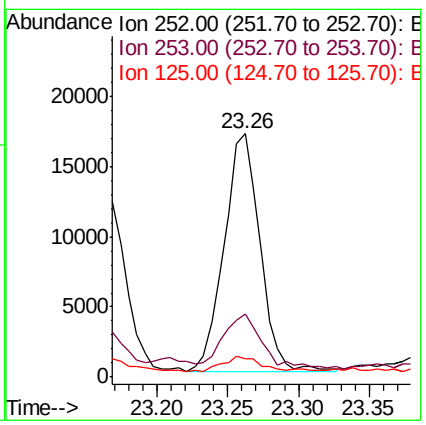


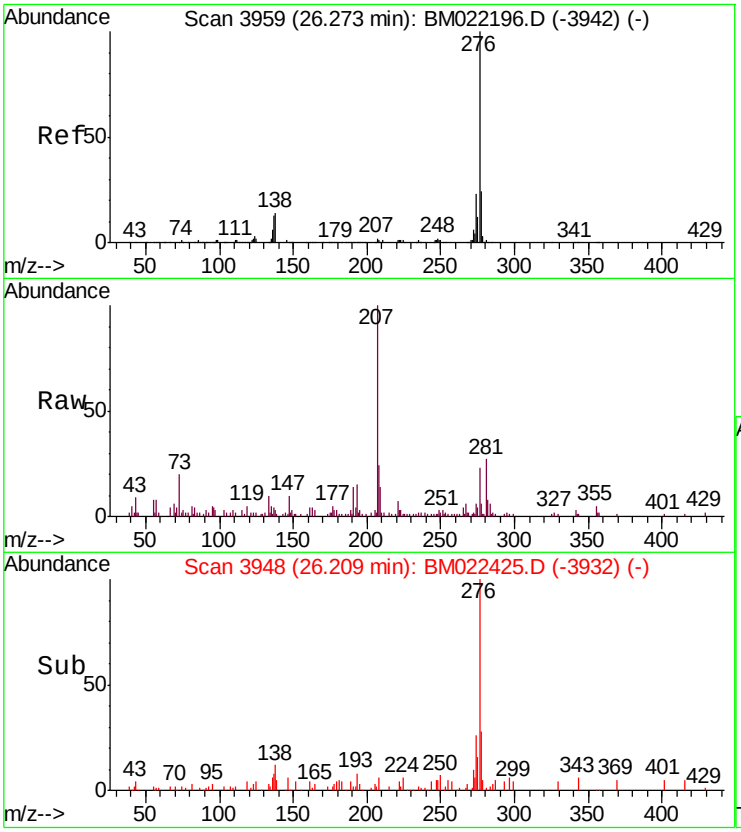


#90
Benzo(a)pyrene
Concen: 3.232 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Tgt Ion:252 Resp: 29807

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	7.5	3.8	5.8#





#92
Benzo(g,h,i)perylene
Concen: 2.737 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BM022425.D
Acq: 30 Aug 2019 01:38

Instrument :
BNA_M
ClientSampleId :
S-3-(1-3)

Tgt Ion:276 Resp: 21938

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.0
138	11.1	8.8	13.2