Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034620.D
Acq On : 12 Apr 2022 13:54
Operator : CG/JU
Sample : SSTD0.825
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Quant Time: Apr 12 15:04:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	1730	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.699	136	5253	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.534	164	2622	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.280	188	4164	0.400	ng/ul	0.00
17) Chrysene-d12	21.459	240	3678	0.400	ng/ul	# 0.00
23) Perylene-d12	23.847	264	3062	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	2452	0.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	5349	0.775	ng/ul	-0.01
18) Fluoranthene-d10	19.304	212	8372	0.776	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	2343	0.811	ng/ul#	77
5) Naphthalene	10.749	128	11884	0.723	ng/ul#	88
7) 2-Methylnaphthalene	12.371	142	7134	0.796	ng/ul	99
8) 1-Methylnaphthalene	12.586	142	7175	0.795	ng/ul	100
10) Acenaphthylene	14.252	152	9607	0.792	ng/ul#	91
11) Acenaphthene	14.594	153	7683	0.782	ng/ul	95
12) Fluorene	15.584	166	7878	0.778	ng/ul	94
14) Pentachlorophenol	16.942	266	1261	0.714	ng/ul	96
15) Phenanthrene	17.318	178	10222	0.756	ng/ul	96
16) Anthracene	17.419	178	8028	0.782	ng/ul	95
19) Fluoranthene	19.331	202	11766	0.762	ng/ul	99
20) Pyrene	19.694	202	13715	0.760	ng/ul	97
21) Benzo(a)anthracene	21.445	228	6489	0.811	ng/ul	100
22) Chrysene	21.494	228	7538	0.797	ng/ul	98
24) Benzo(b)fluoranthene	23.114	252	8313	0.830	ng/ul	95
25) Benzo(k)fluoranthene	23.160	252	9287	1.040	ng/ul	97
26) Benzo(a)pyrene	23.742	252	9807	0.838	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.333	276	13289	0.944	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.367	278	9647	0.942	ng/ul#	91
29) Benzo(g,h,i)perylene	27.074	276	14213	0.932	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
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Operator : CG/JU
Sample : SSTD0.825
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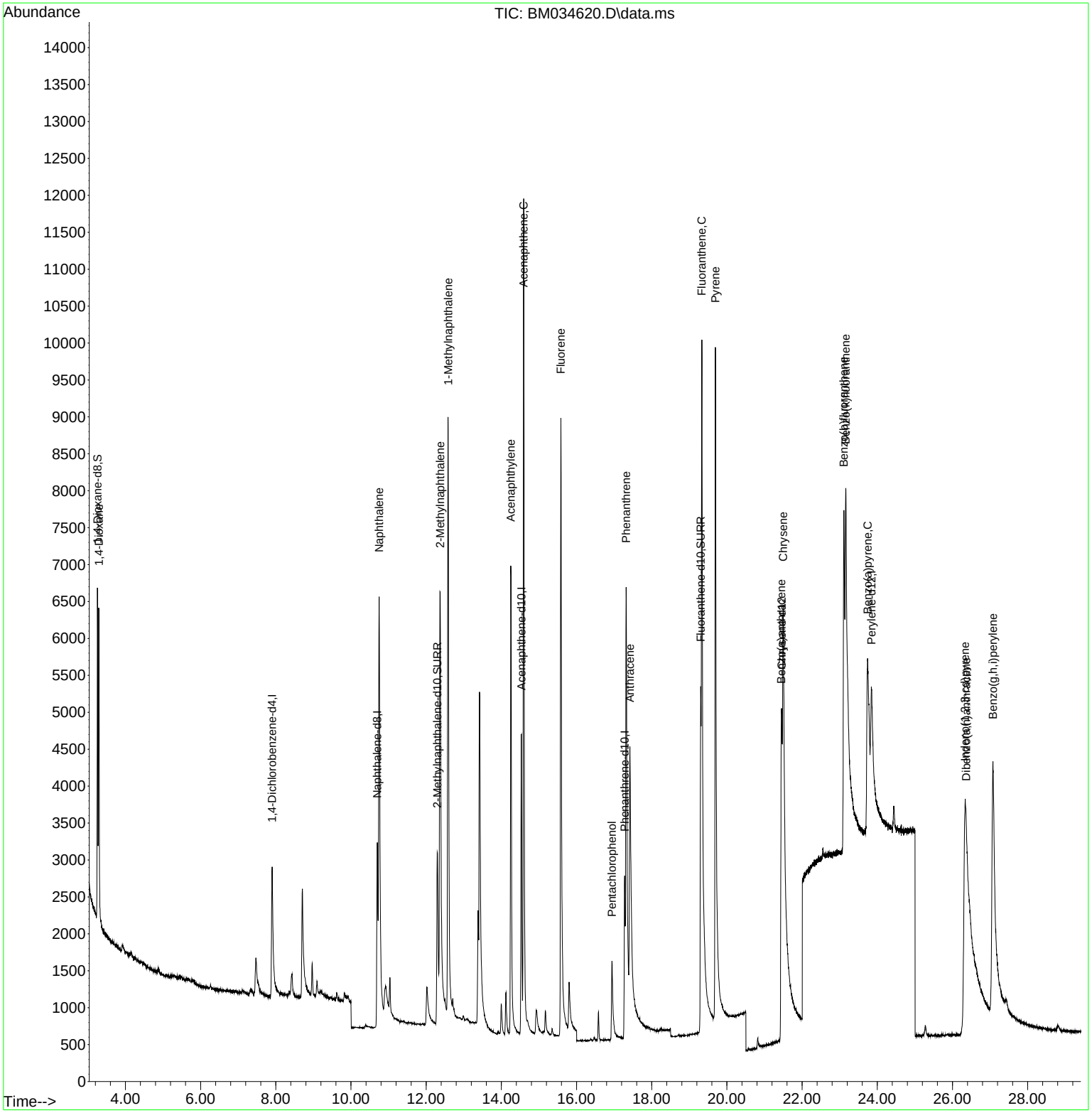
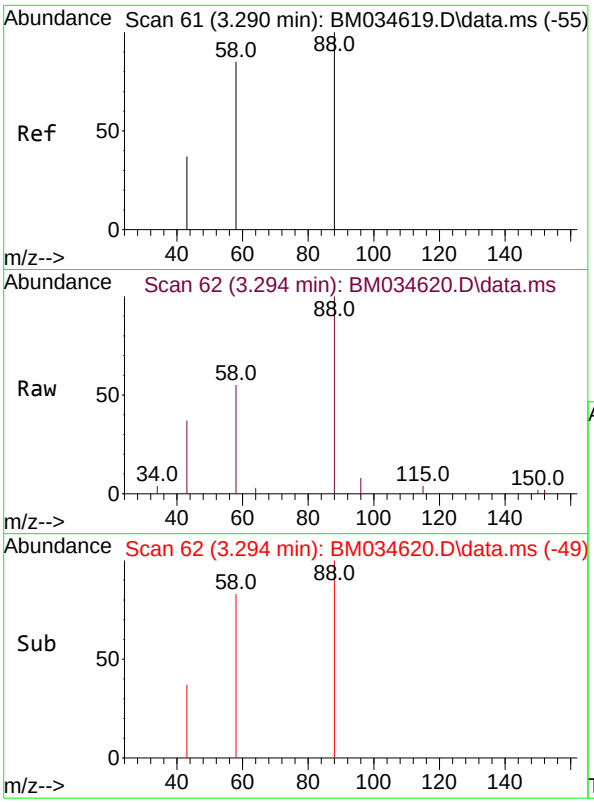
Quant Time: Apr 12 15:04:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
Response via : Initial Calibration



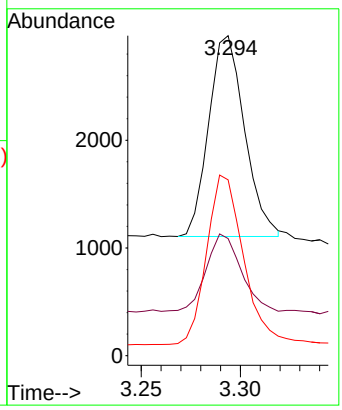


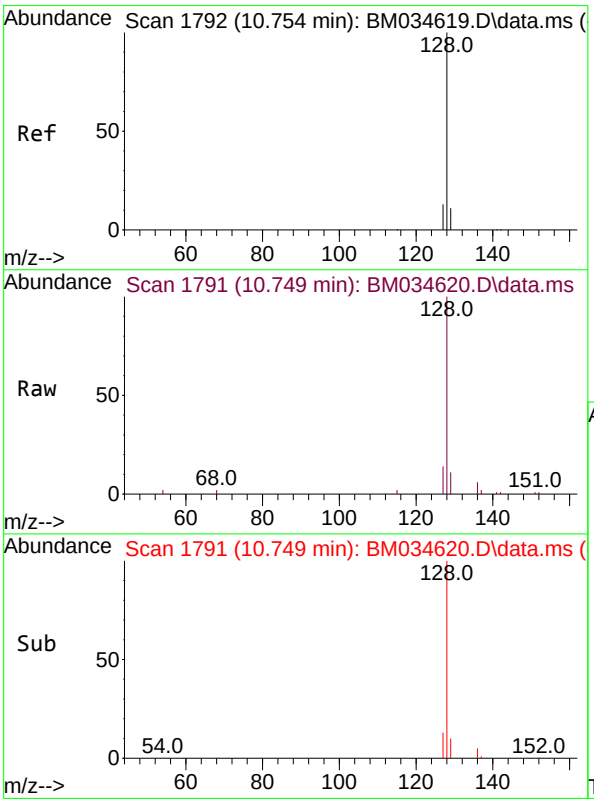
#2
1,4-Dioxane
Concen: 0.811 ng/ul
RT: 3.294 min Scan# 6
Delta R.T. 0.004 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion: 88 Resp: 2343

Ion	Ratio	Lower	Upper
88	100		
43	36.6	49.7	74.5#
58	55.0	52.5	78.7

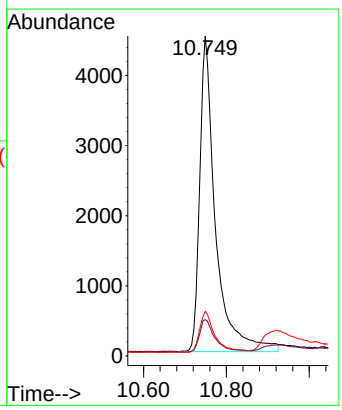


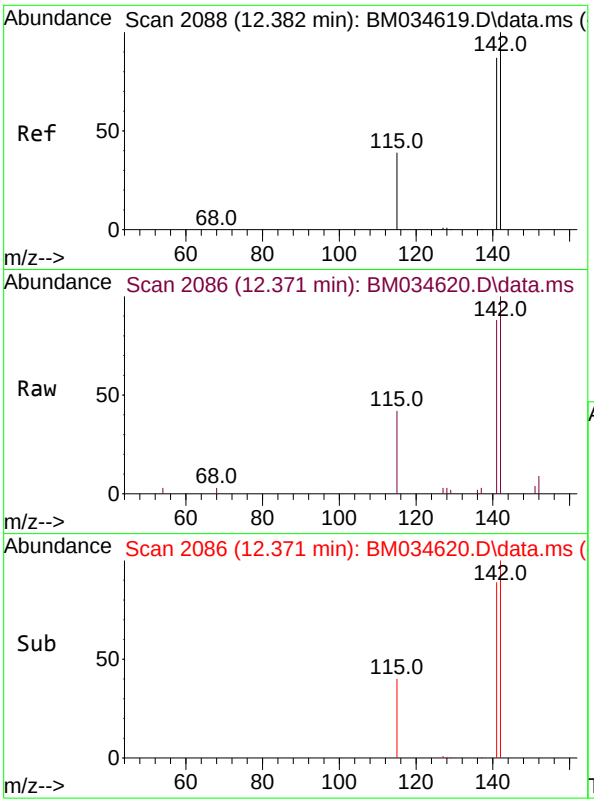


#5
Naphthalene
Concen: 0.723 ng/ul
RT: 10.749 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:128 Resp: 11884

Ion	Ratio	Lower	Upper
128	100		
129	11.4	13.4	20.2#
127	13.9	15.2	22.8#



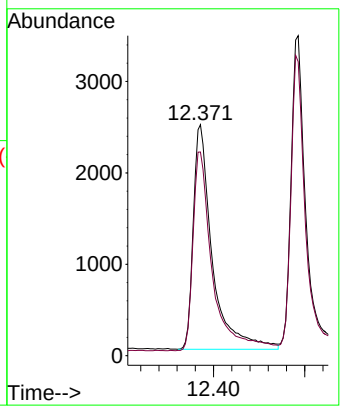


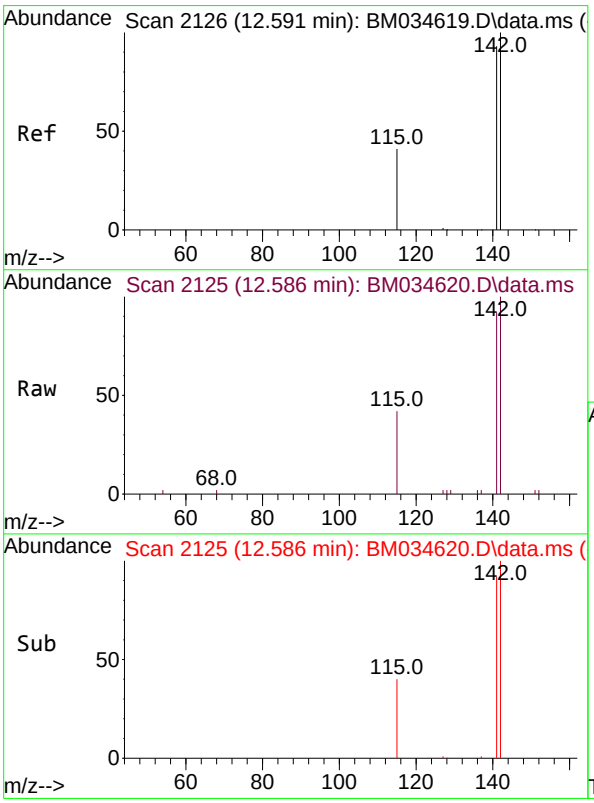
#7
2-Methylnaphthalene
Concen: 0.796 ng/ul
RT: 12.371 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:142 Resp: 7134

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.8	107.6

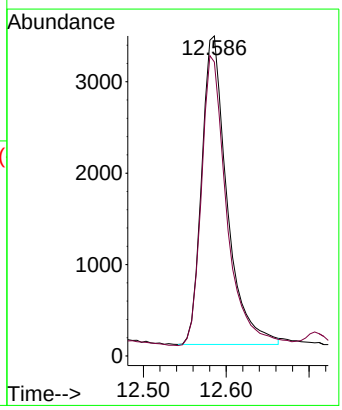


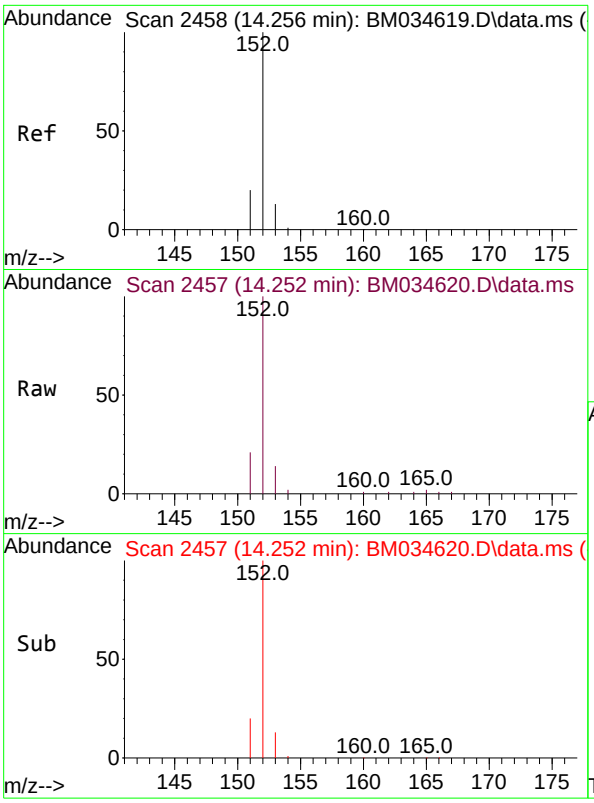


#8
1-Methylnaphthalene
Concen: 0.795 ng/ul
RT: 12.586 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:142 Resp: 7175

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.0	112.4



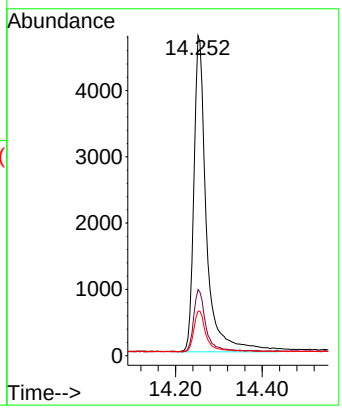


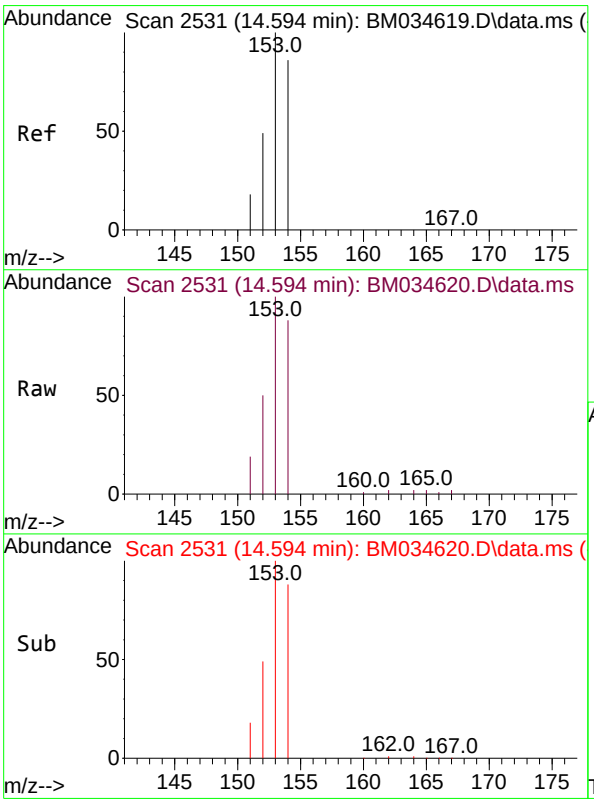
#10
Acenaphthylene
Concen: 0.792 ng/ul
RT: 14.252 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:152 Resp: 9607

Ion	Ratio	Lower	Upper
152	100		
151	20.7	19.9	29.9
153	13.9	15.0	22.4#

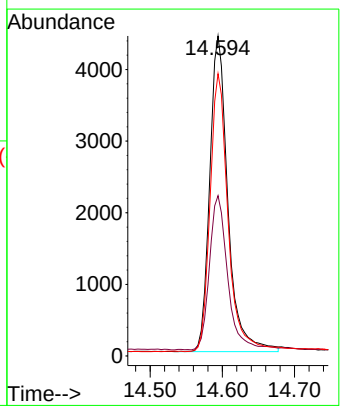


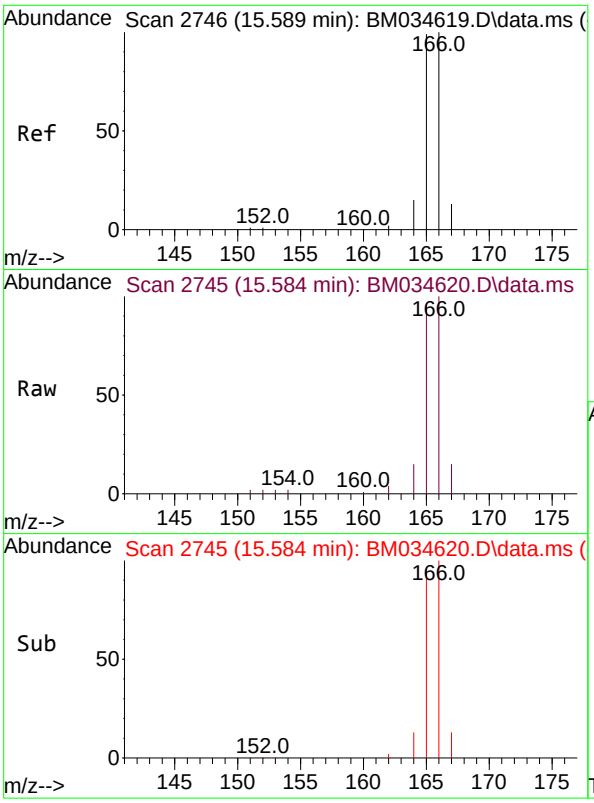


#11
Acenaphthene
Concen: 0.782 ng/ul
RT: 14.594 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:153 Resp: 7683

Ion	Ratio	Lower	Upper
153	100		
152	50.1	42.4	63.6
154	88.2	66.2	99.2



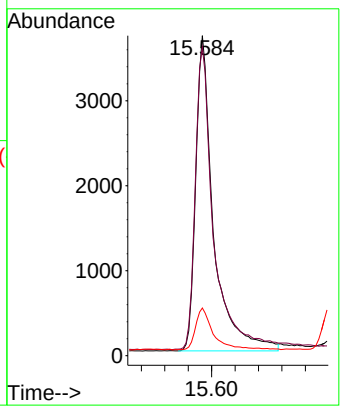


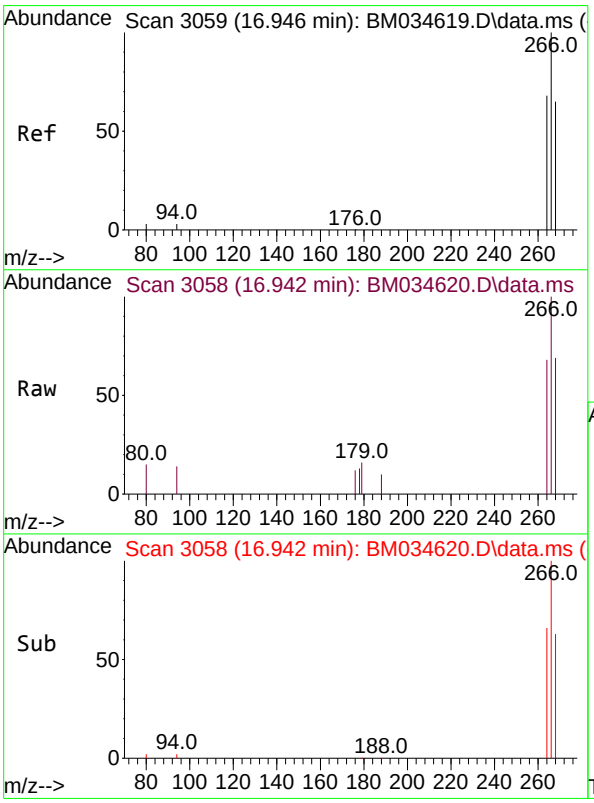
#12
Fluorene
Concen: 0.778 ng/ul
RT: 15.584 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:166 Resp: 7878

Ion	Ratio	Lower	Upper
166	100		
165	96.3	81.1	121.7
167	14.9	14.9	22.3

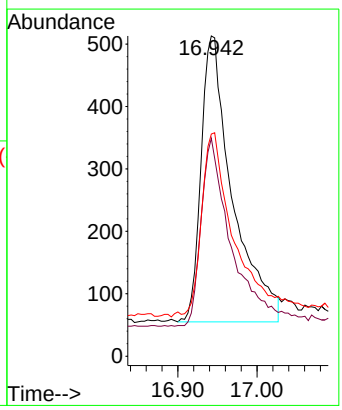


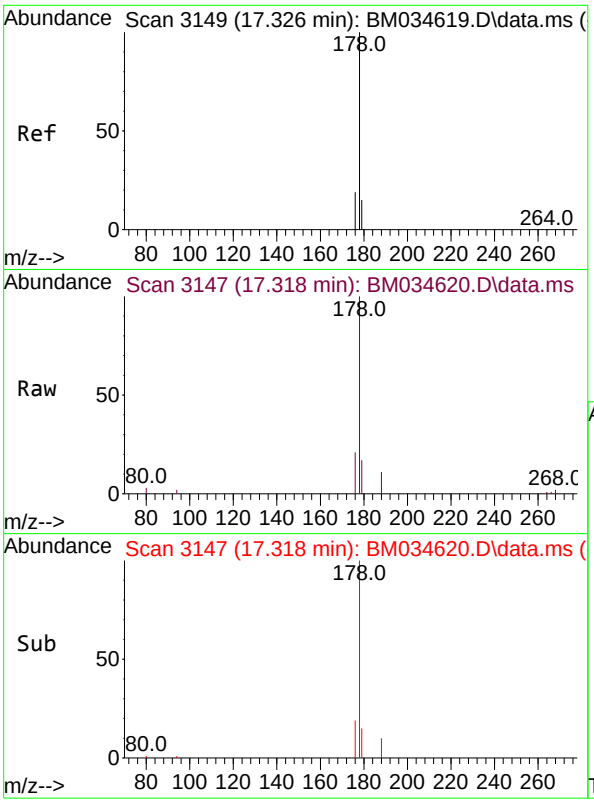


#14
Pentachlorophenol
Concen: 0.714 ng/ul
RT: 16.942 min Scan# 3058
Delta R.T. -0.004 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:266 Resp: 1261

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.4	77.0
268	62.5	53.1	79.7



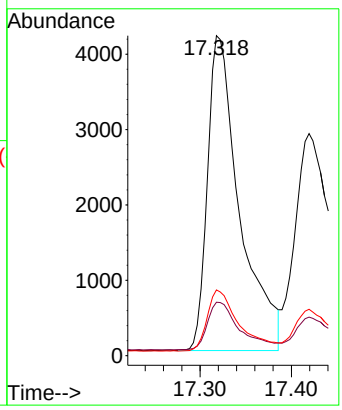


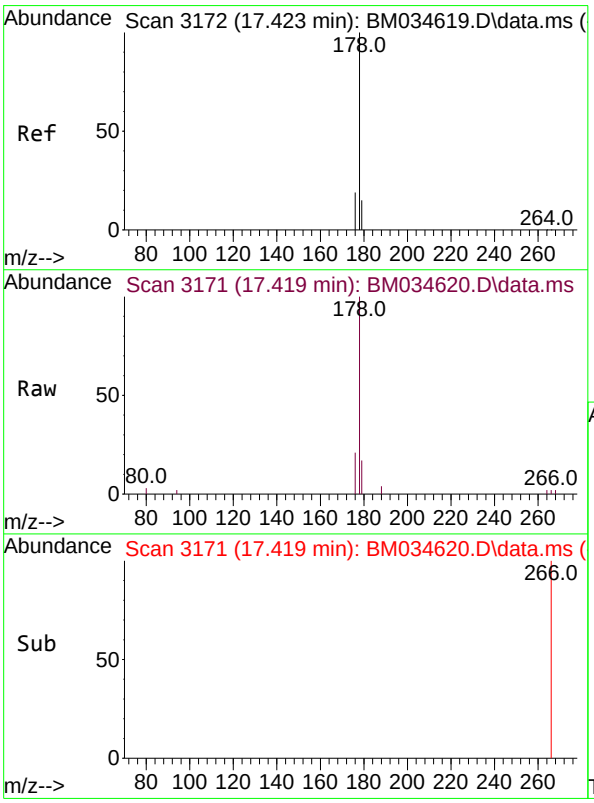
#15
Phenanthrene
Concen: 0.756 ng/ul
RT: 17.318 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:178 Resp: 10222

Ion	Ratio	Lower	Upper
178	100		
179	16.7	15.0	22.6
176	20.6	17.9	26.9

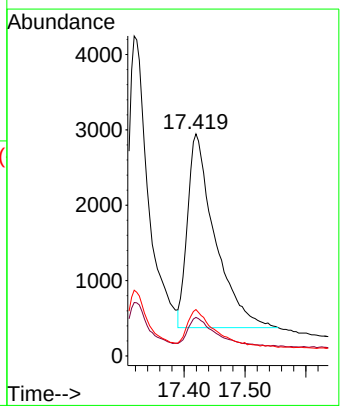


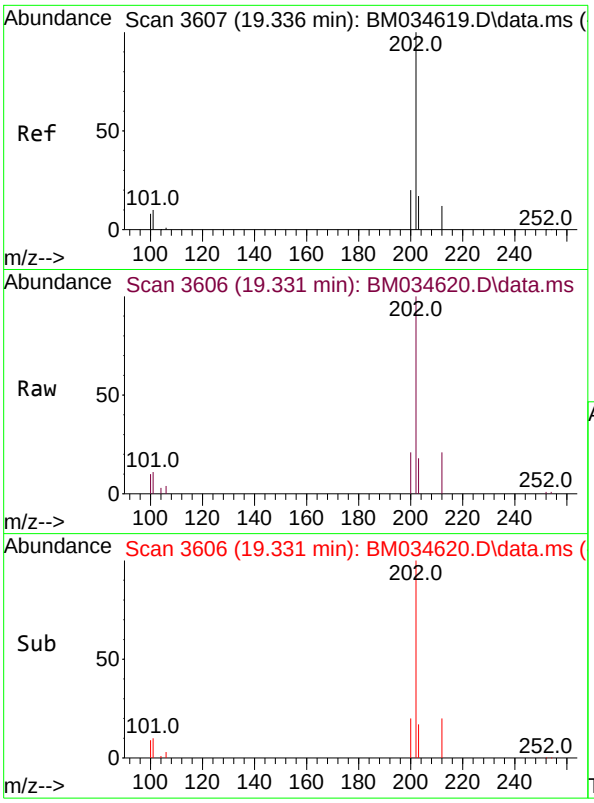


#16
Anthracene
Concen: 0.782 ng/ul
RT: 17.419 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:178 Resp: 8028

Ion	Ratio	Lower	Upper
178	100		
179	17.4	16.5	24.7
176	20.9	18.3	27.5



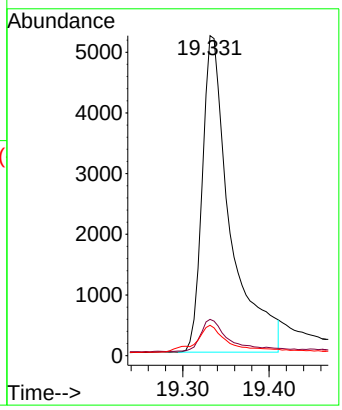


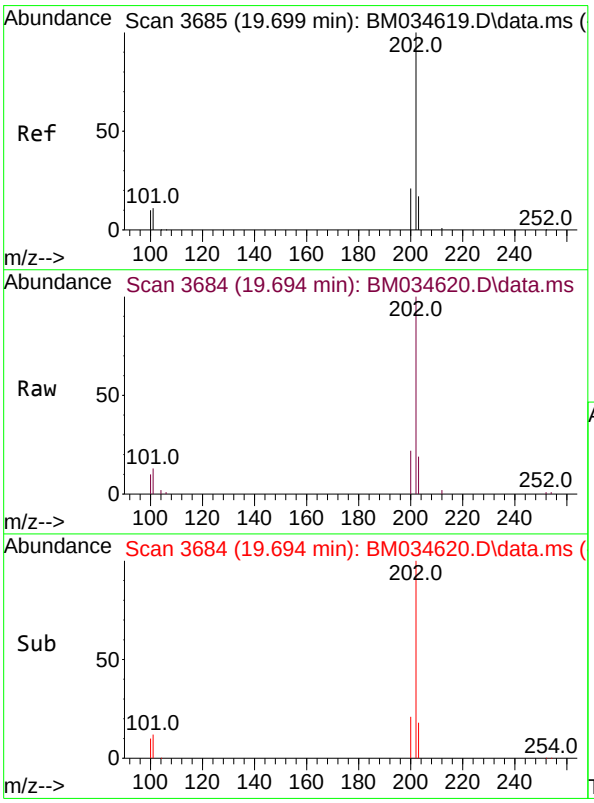
#19
Fluoranthene
Concen: 0.762 ng/ul
RT: 19.331 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:202 Resp: 11766

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
100	9.5	7.2	10.8

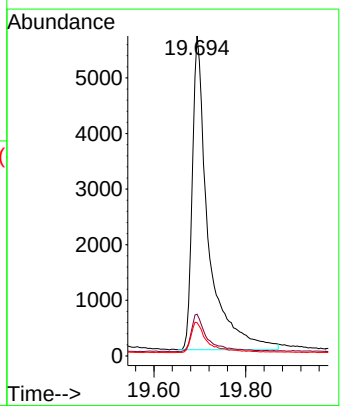


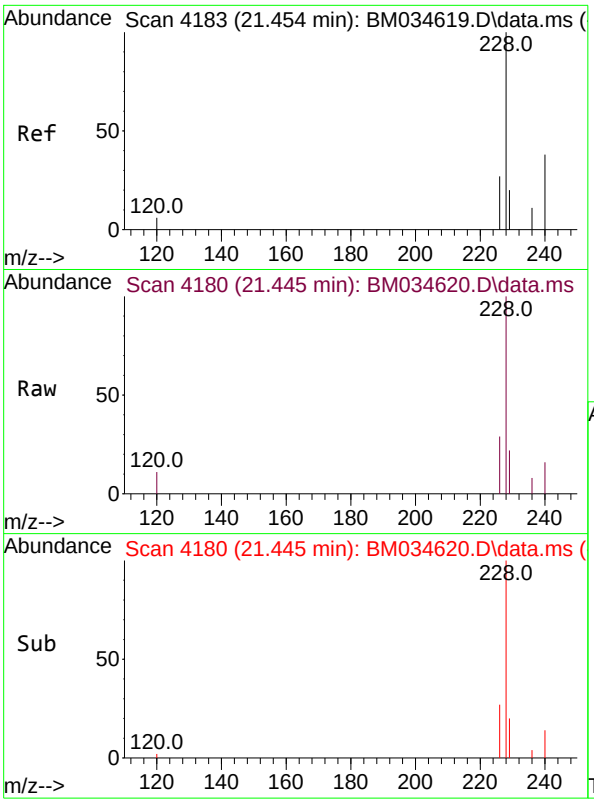


#20
Pyrene
Concen: 0.760 ng/ul
RT: 19.694 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:202 Resp: 13715

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.3	13.9
100	10.4	7.8	11.6



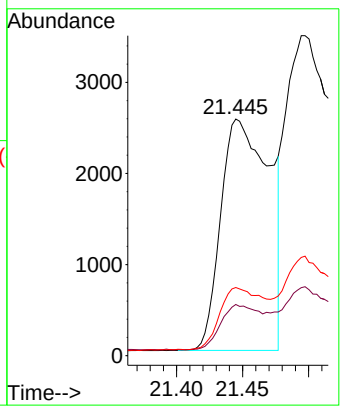


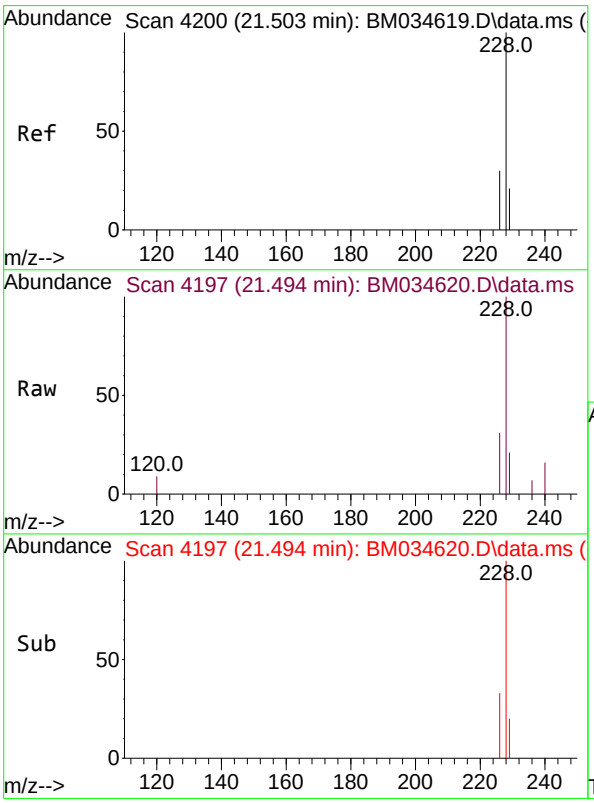
#21
Benzo(a)anthracene
Concen: 0.811 ng/ul
RT: 21.445 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:228 Resp: 6489

Ion	Ratio	Lower	Upper
228	100		
229	21.6	17.3	25.9
226	28.8	23.2	34.8

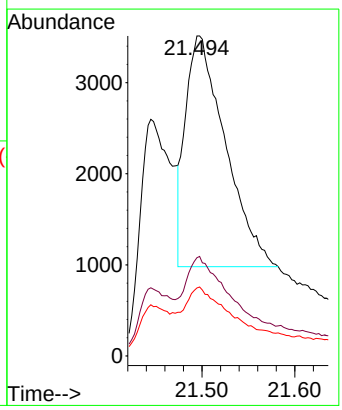


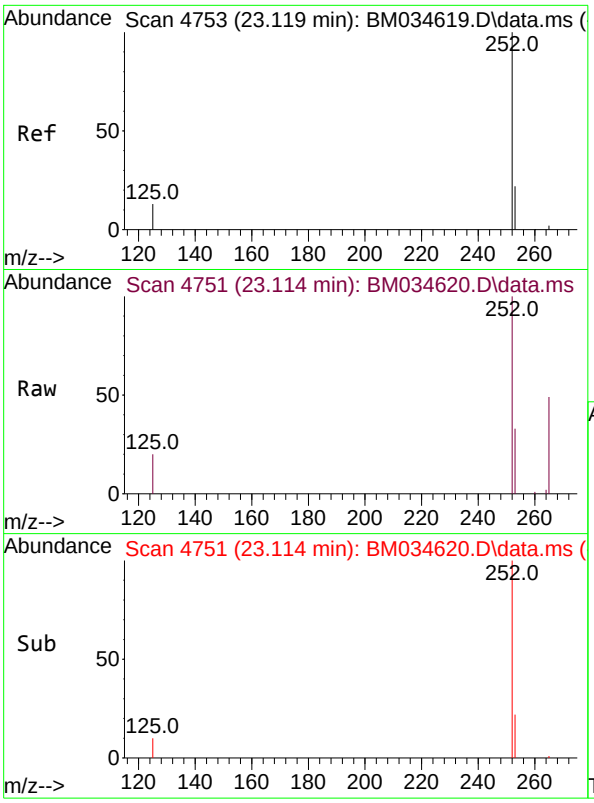


#22
Chrysene
Concen: 0.797 ng/ul
RT: 21.494 min Scan# 4197
Delta R.T. -0.009 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:228 Resp: 7538

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.8	38.8
229	21.3	16.7	25.1



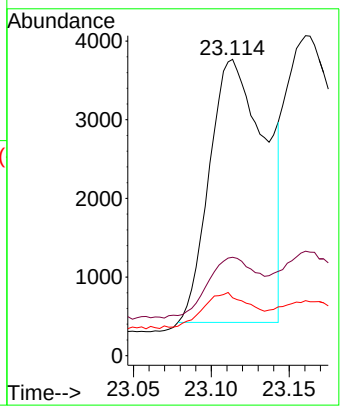


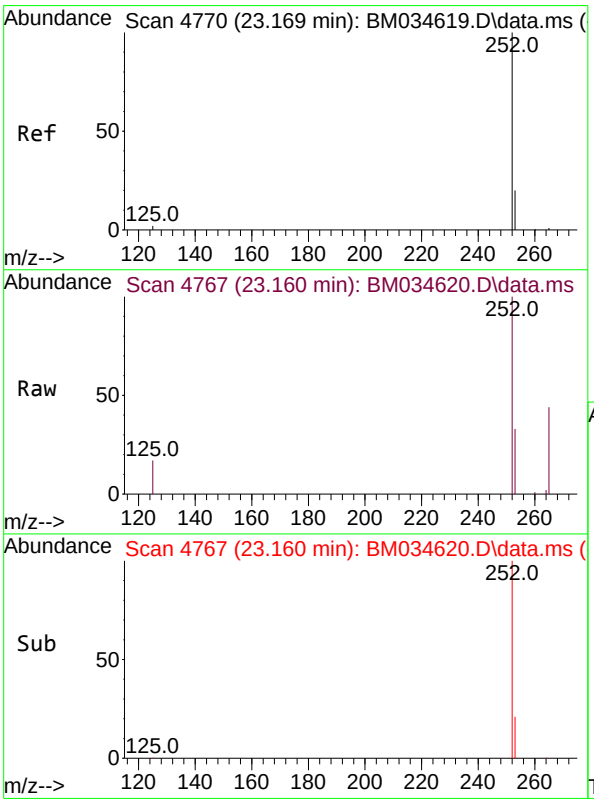
#24
Benzo(b)fluoranthene
Concen: 0.830 ng/ul
RT: 23.114 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:252 Resp: 8313

Ion	Ratio	Lower	Upper
252	100		
253	33.2	0.0	64.2
125	19.6	0.0	28.8

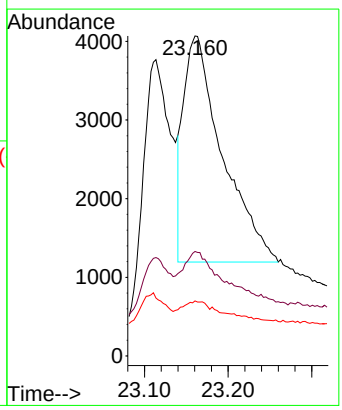


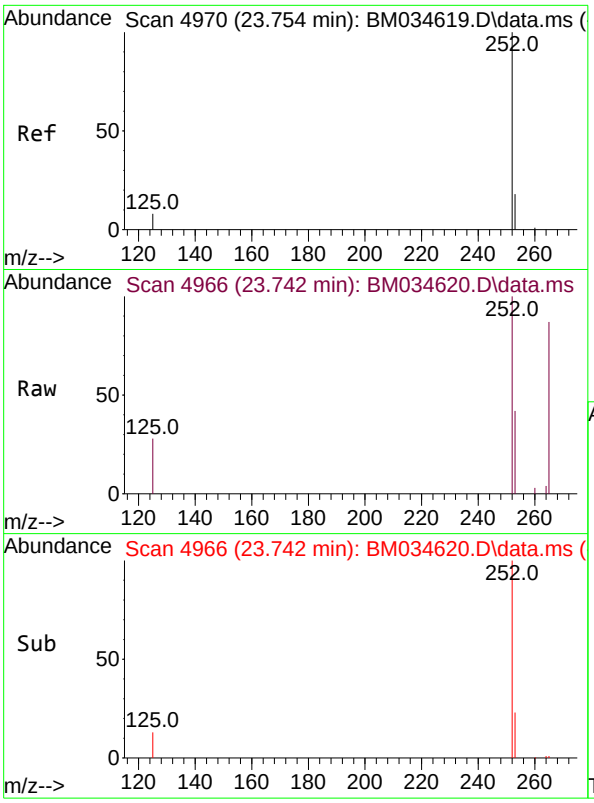


#25
Benzo(k)fluoranthene
Concen: 1.040 ng/ul
RT: 23.160 min Scan# 4767
Delta R.T. -0.009 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:252 Resp: 9287

Ion	Ratio	Lower	Upper
252	100		
253	32.6	26.8	40.2
125	17.2	12.0	18.0



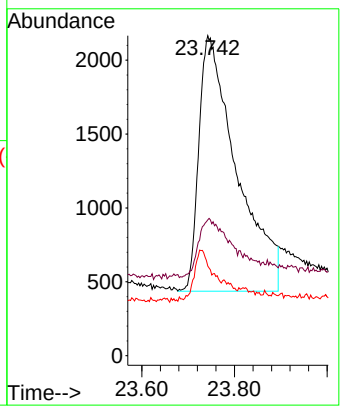


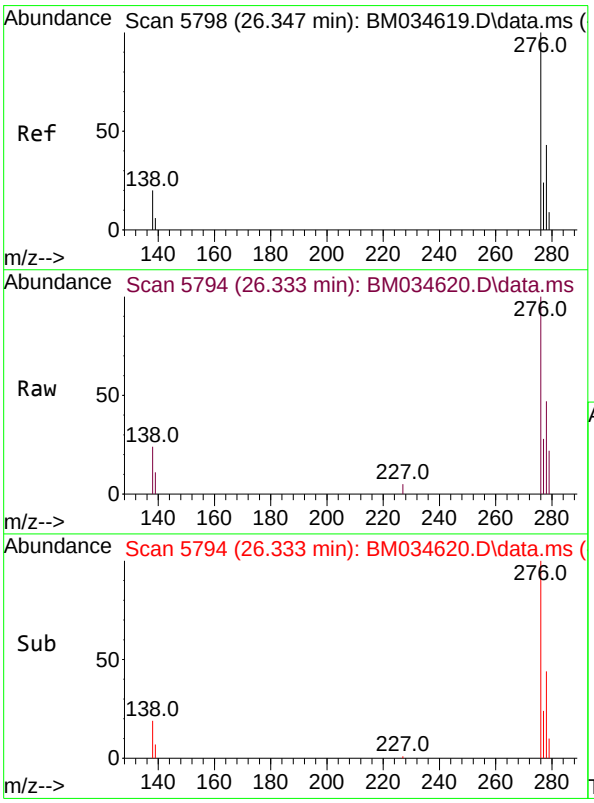
#26
Benzo(a)pyrene
Concen: 0.838 ng/ul
RT: 23.742 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:252 Resp: 9807

Ion	Ratio	Lower	Upper
252	100		
253	42.4	32.0	48.0
125	28.0	14.5	21.7#

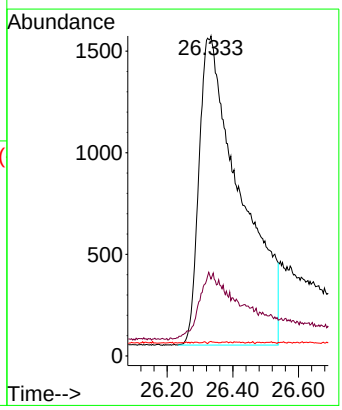


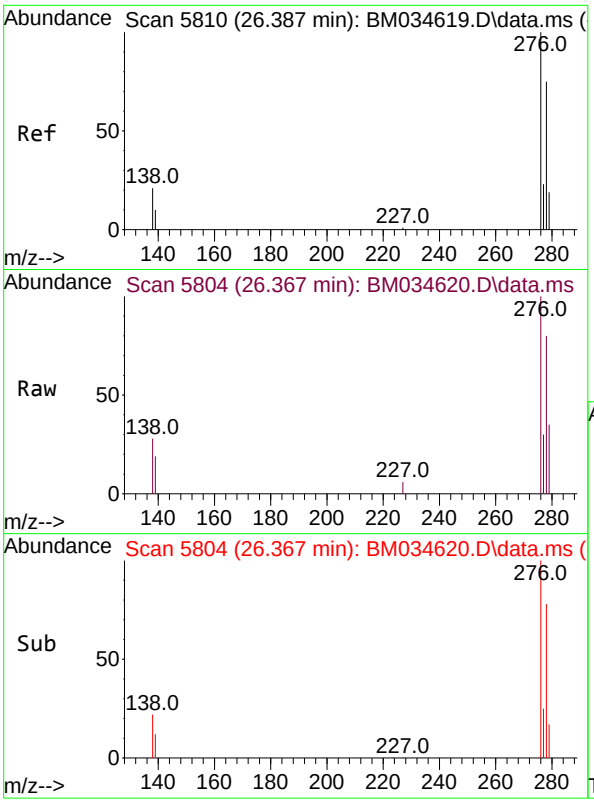


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.944 ng/ul
RT: 26.333 min Scan# 5794
Delta R.T. -0.013 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:276 Resp: 13289

Ion	Ratio	Lower	Upper
276	100		
138	22.4	15.8	23.6
227	0.1	0.0	0.0#



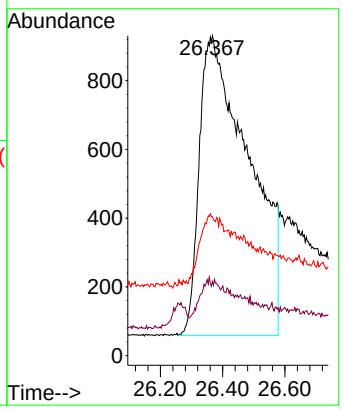


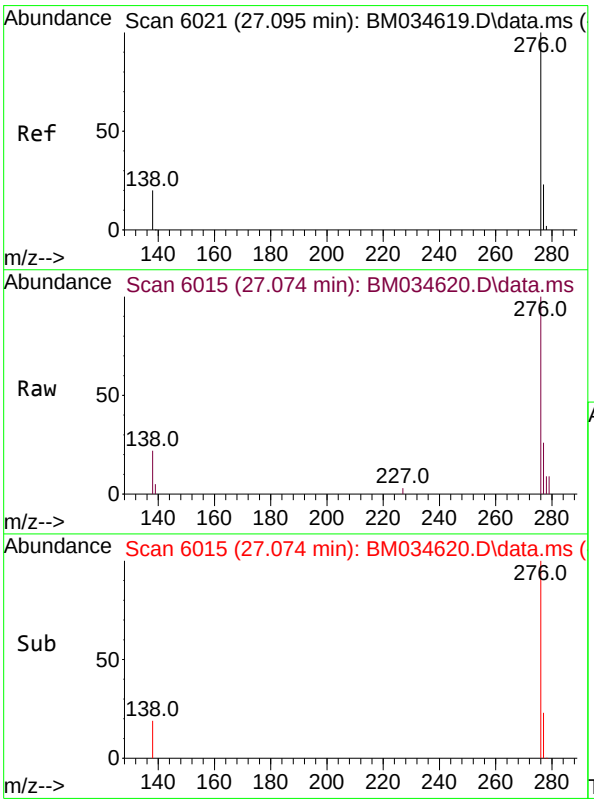
#28
Dibenzo(a,h)anthracene
Concen: 0.942 ng/ul
RT: 26.367 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:278 Resp: 9647

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.0	27.0
279	43.4	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.932 ng/ul
RT: 27.074 min Scan# 6015
Delta R.T. -0.020 min
Lab File: BM034620.D
Acq: 12 Apr 2022 13:54

Tgt Ion:276 Resp: 14213

Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.4	26.0
277	26.0	22.6	33.8