Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
Data File : BM033847.D
Acq On : 24 Jan 2022 20:48
Operator : CG/JU
Sample : PB142206BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS206

Quant Time: Jan 25 02:21:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1870	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6572	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	3287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	6971	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5728	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	5701	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1534	0.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3727	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	7980	0.452	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	3946	1.928	ng/ul#	79
5) Naphthalene	10.805	128	7250	0.401	ng/ul#	89
7) 2-Methylnaphthalene	12.416	142	4493	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	4407	0.383	ng/ul	100
10) Acenaphthylene	14.303	152	6416	0.437	ng/ul#	92
11) Acenaphthene	14.644	153	4676	0.398	ng/ul	95
12) Fluorene	15.626	166	5355	0.399	ng/ul	98
14) Pentachlorophenol	16.969	266	2207	0.689	ng/ul	97
15) Phenanthrene	17.358	178	9305	0.419	ng/ul	95
16) Anthracene	17.448	178	8350	0.402	ng/ul	94
19) Fluoranthene	19.365	202	11764	0.451	ng/ul	99
20) Pyrene	19.727	202	11904	0.445	ng/ul	96
21) Benzo(a)anthracene	21.465	228	10115	0.432	ng/ul	99
22) Chrysene	21.519	228	10918	0.440	ng/ul	98
24) Benzo(b)fluoranthene	23.149	252	10782	0.421	ng/ul	91
25) Benzo(k)fluoranthene	23.197	252	10593	0.413	ng/ul#	93
26) Benzo(a)pyrene	23.776	252	10540	0.475	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.390	276	12297	0.416	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.410	278	9985	0.429	ng/ul	94
29) Benzo(g,h,i)perylene	27.156	276	10755	0.429	ng/ul	95

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

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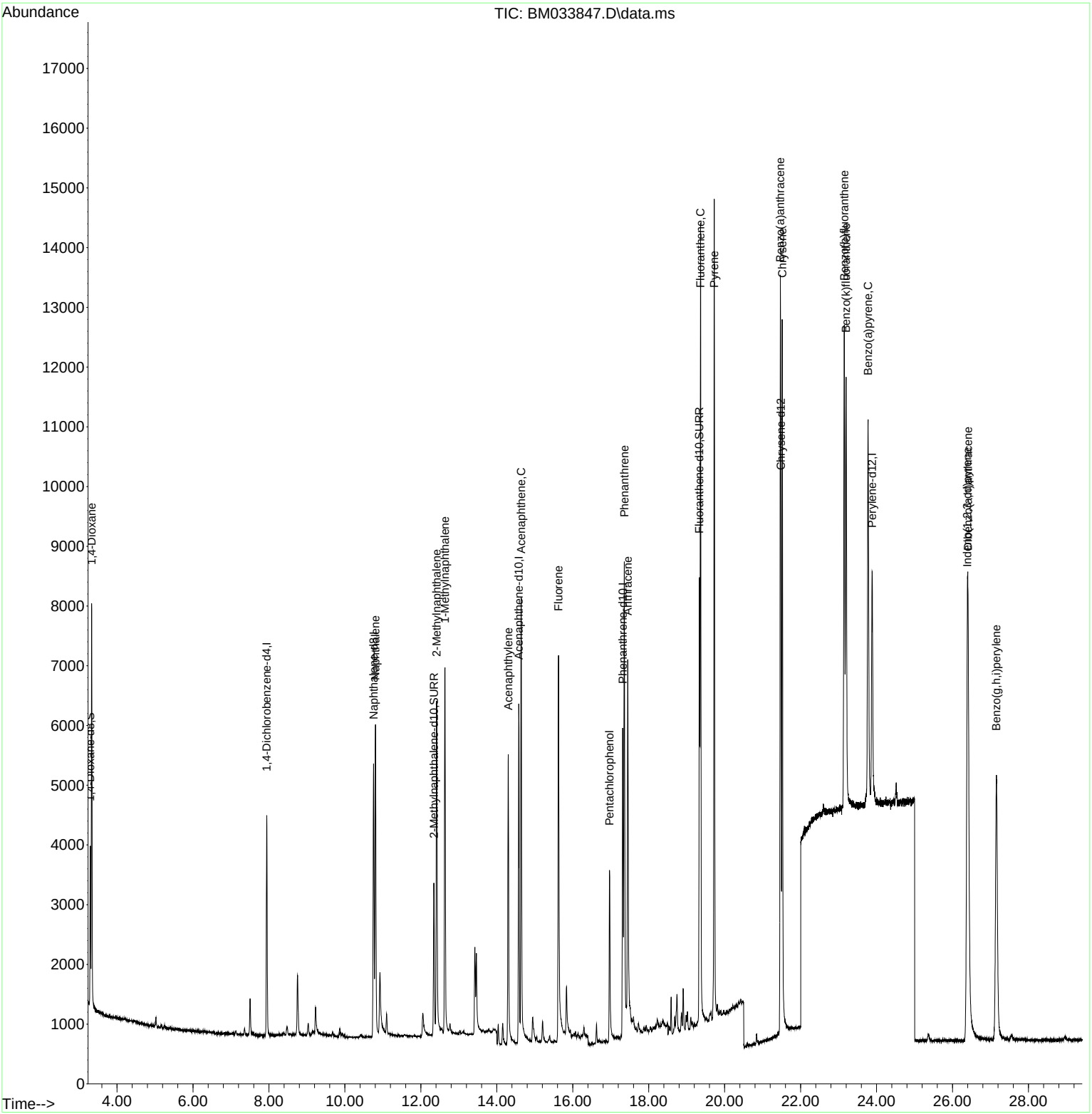
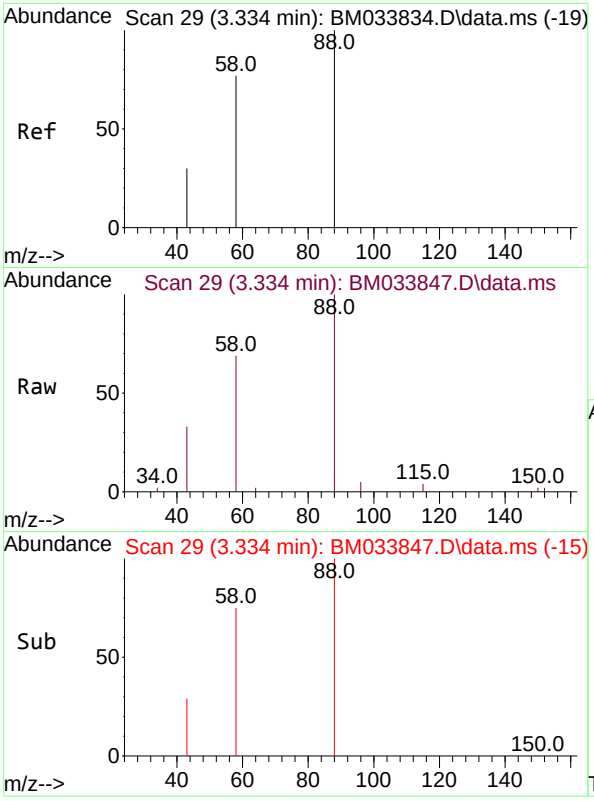


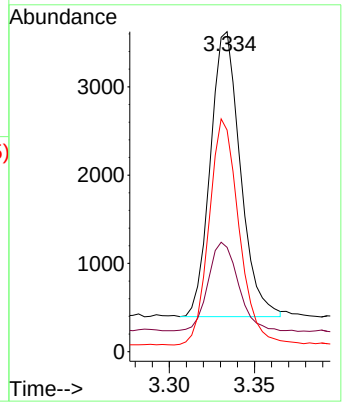


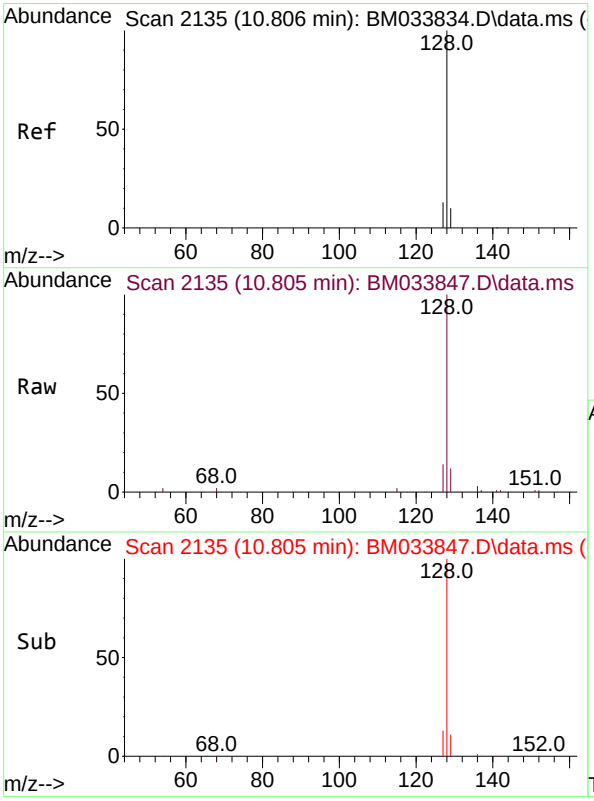
#2
1,4-Dioxane
Concen: 1.928 ng/ul
RT: 3.334 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion: 88 Resp: 3946

Ion	Ratio	Lower	Upper
88	100		
43	32.6	49.7	74.5#
58	69.2	52.5	78.7

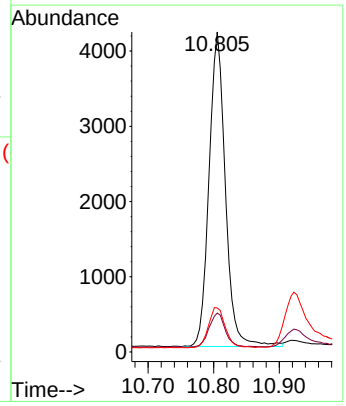


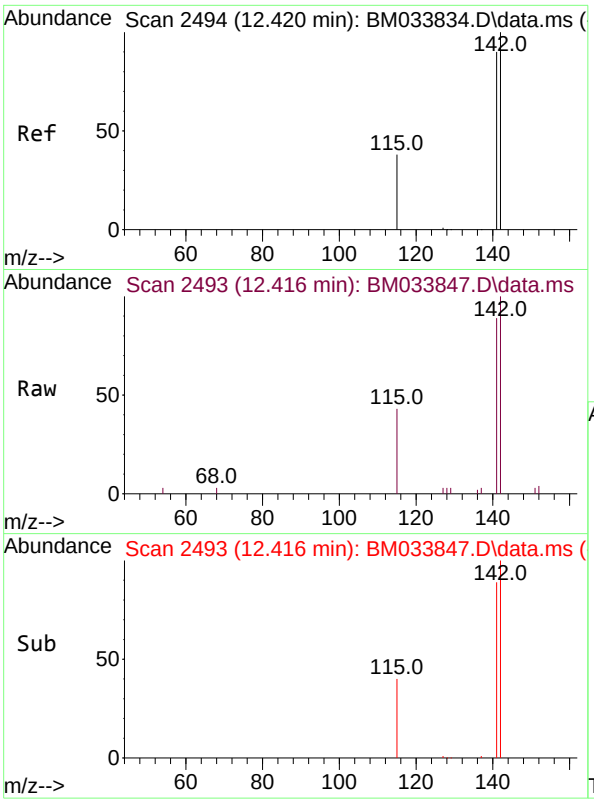


#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:128 Resp: 7250

Ion	Ratio	Lower	Upper
128	100		
129	12.2	13.4	20.2#
127	13.8	15.2	22.8#



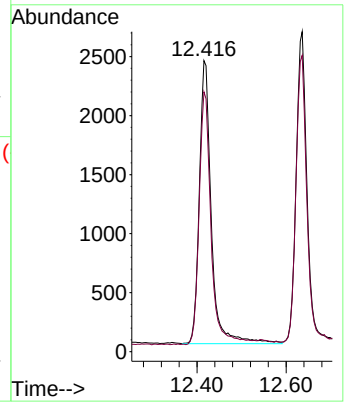


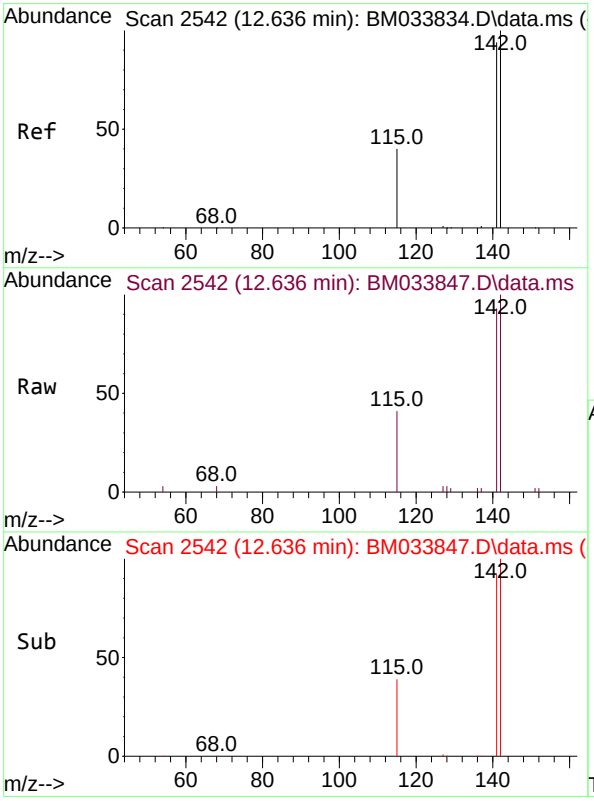
#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.416 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:142 Resp: 4493

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.8	107.6

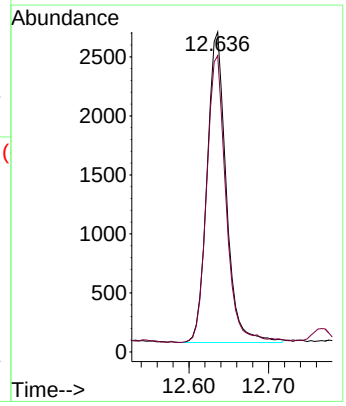


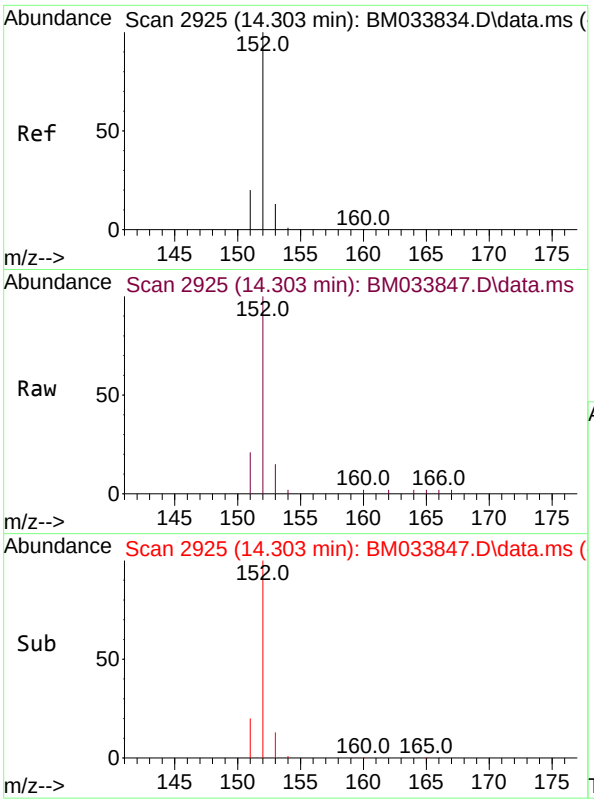


#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:142 Resp: 4407

Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.0	112.4



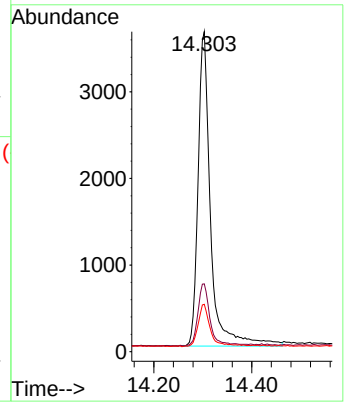


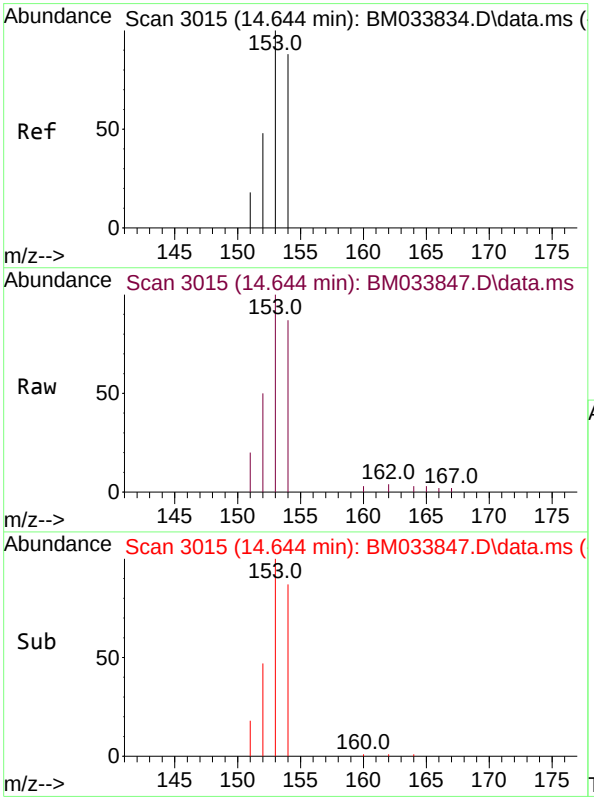
#10
Acenaphthylene
Concen: 0.437 ng/ul
RT: 14.303 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:152 Resp: 6416

Ion	Ratio	Lower	Upper
152	100		
151	21.2	19.9	29.9
153	14.8	15.0	22.4#

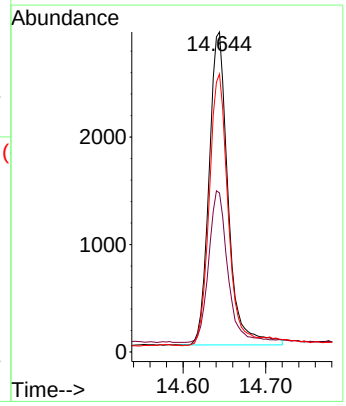


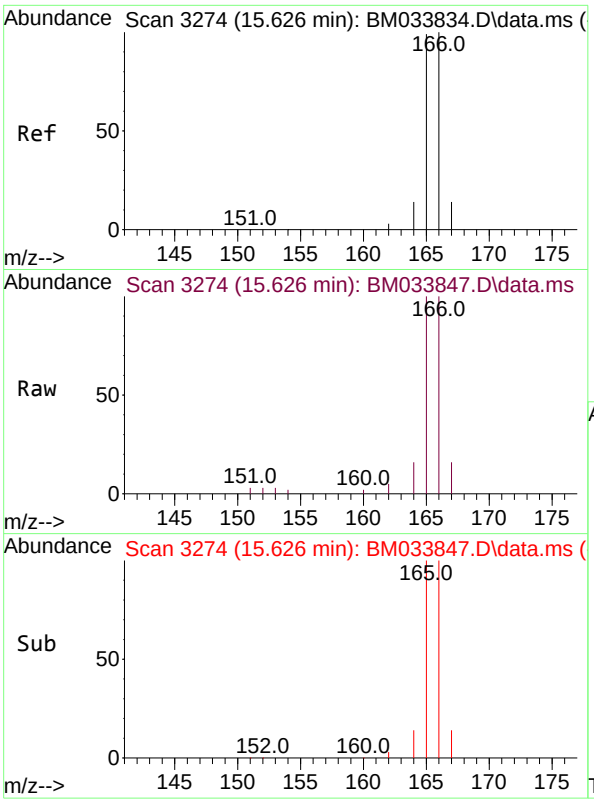


#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:153 Resp: 4676

Ion	Ratio	Lower	Upper
153	100		
152	49.7	42.4	63.6
154	86.9	66.2	99.2



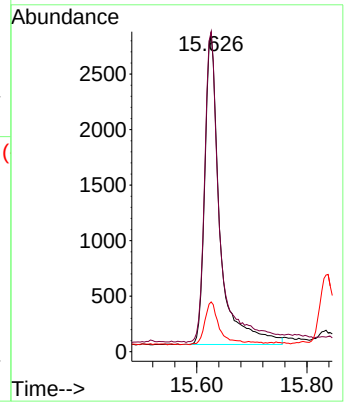


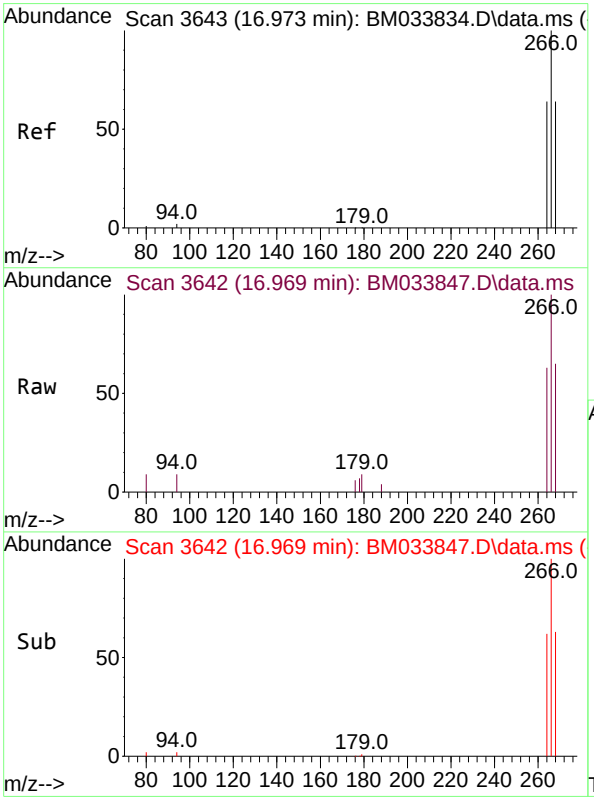
#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.626 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:166 Resp: 5355

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.1	121.7
167	15.7	14.9	22.3

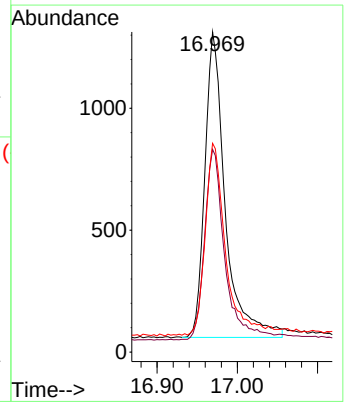


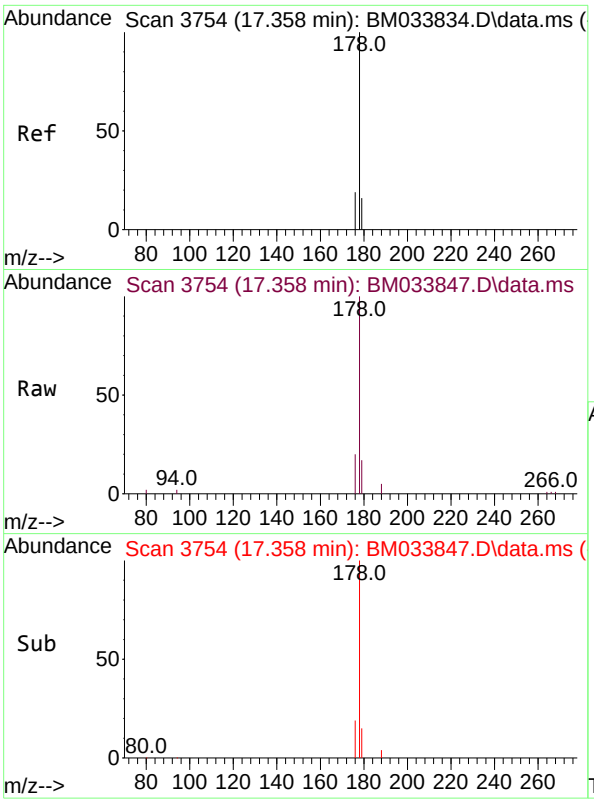


#14
Pentachlorophenol
Concen: 0.689 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:266 Resp: 2207

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.4	77.0
268	63.5	53.1	79.7



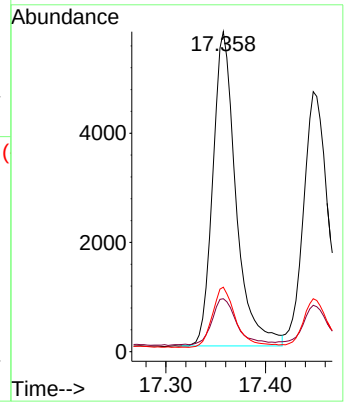


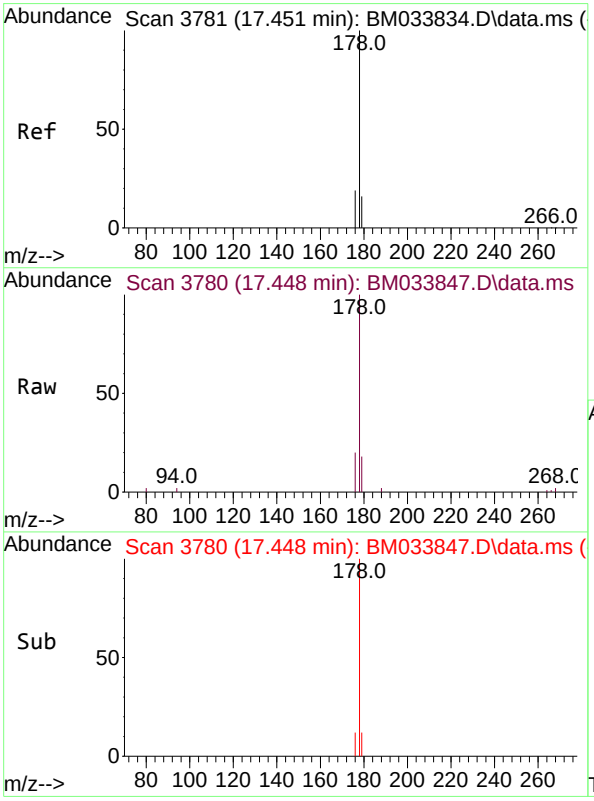
#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:178 Resp: 9305

Ion	Ratio	Lower	Upper
178	100		
179	16.5	15.0	22.6
176	20.2	17.9	26.9

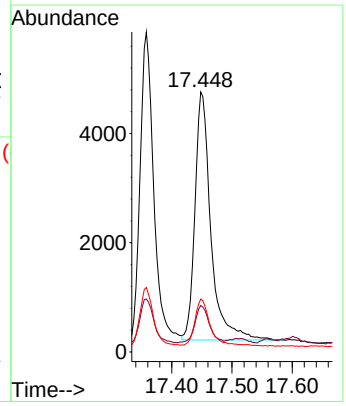


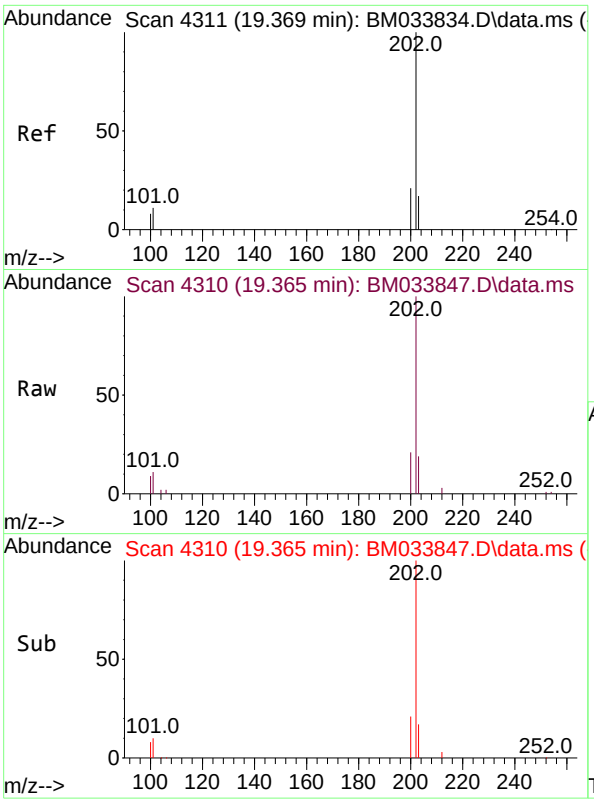


#16
Anthracene
Concen: 0.402 ng/ul
RT: 17.448 min Scan# 3780
Delta R.T. -0.003 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:178 Resp: 8350

Ion	Ratio	Lower	Upper
178	100		
179	17.9	16.5	24.7
176	20.4	18.3	27.5



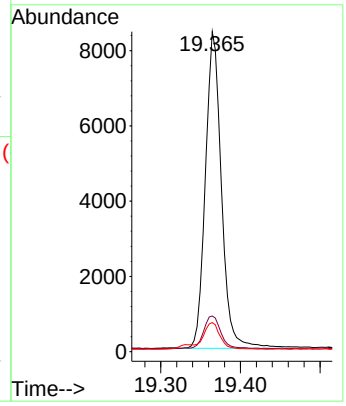


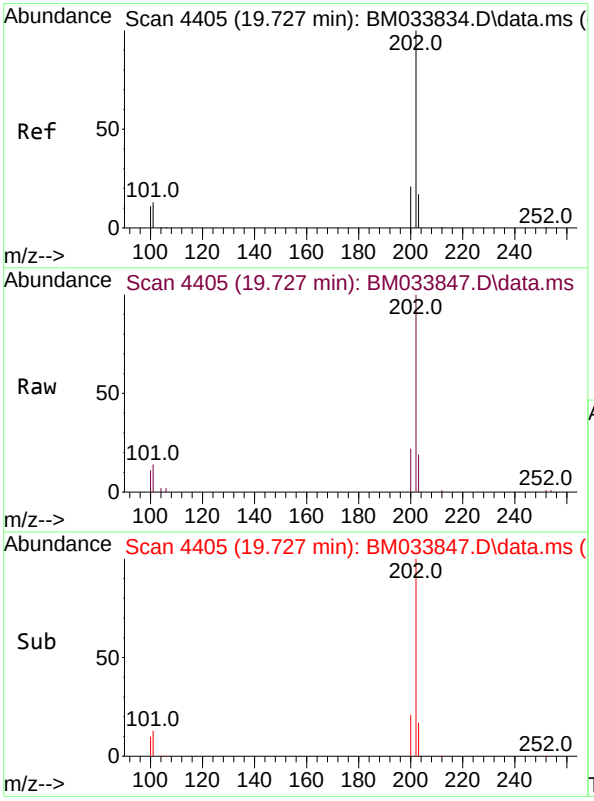
#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.365 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:202 Resp: 11764

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	9.1	7.2	10.8

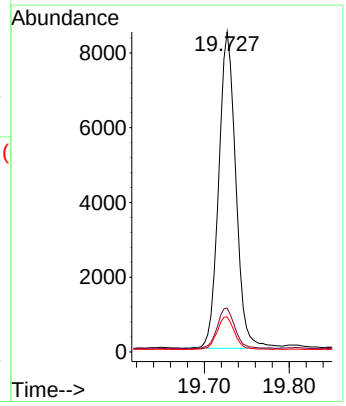


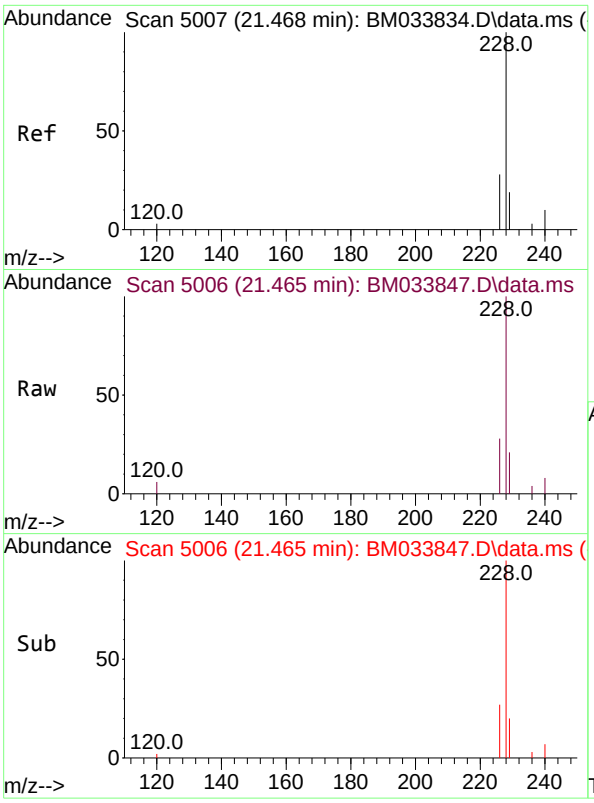


#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. -0.000 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:202 Resp: 11904

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.3	13.9
100	10.9	7.8	11.6



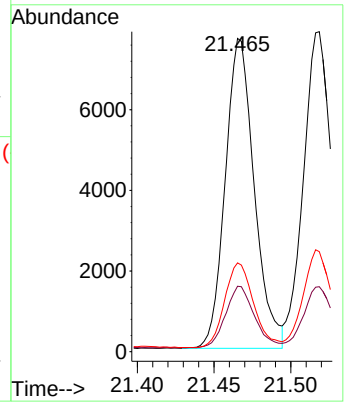


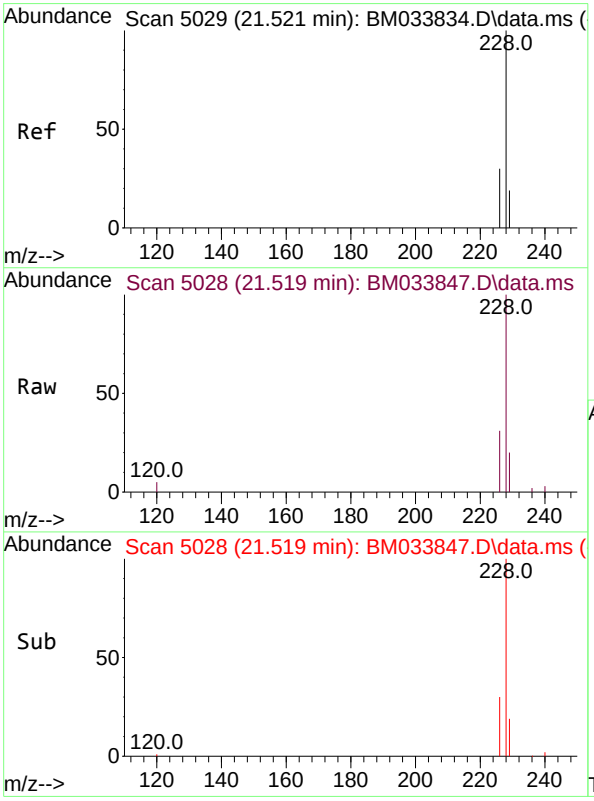
#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.465 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:228 Resp: 10115

Ion	Ratio	Lower	Upper
228	100		
229	20.9	17.3	25.9
226	28.3	23.2	34.8

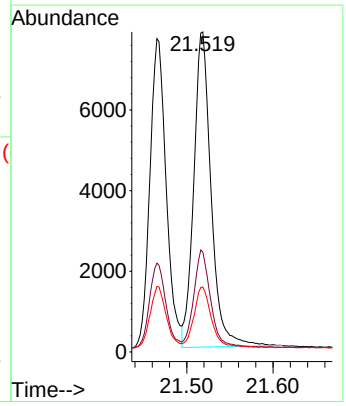


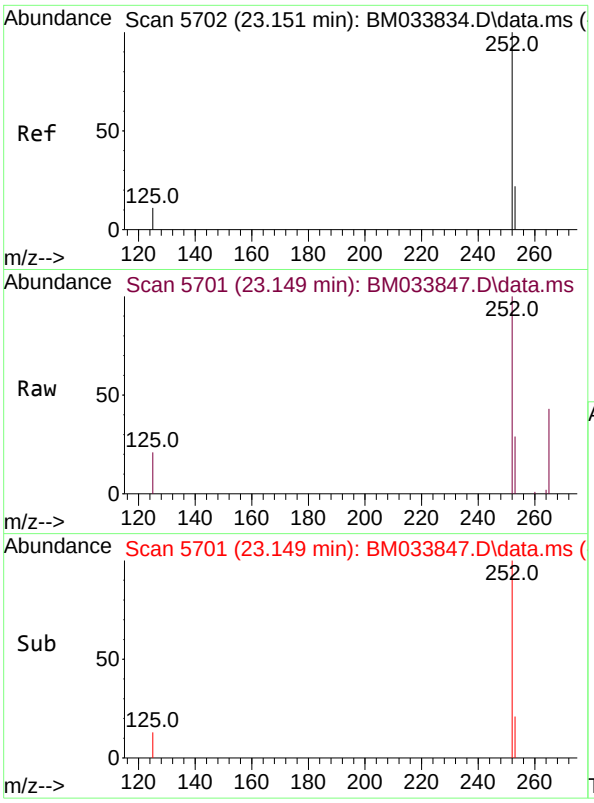


#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.519 min Scan# 5028
Delta R.T. -0.002 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:228 Resp: 10918

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.8
229	20.3	16.7	25.1



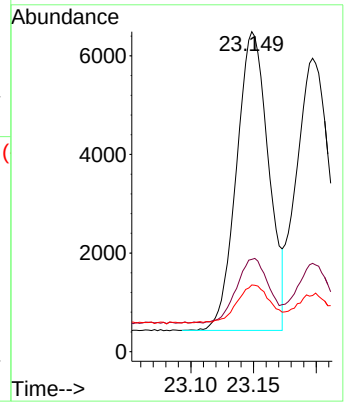


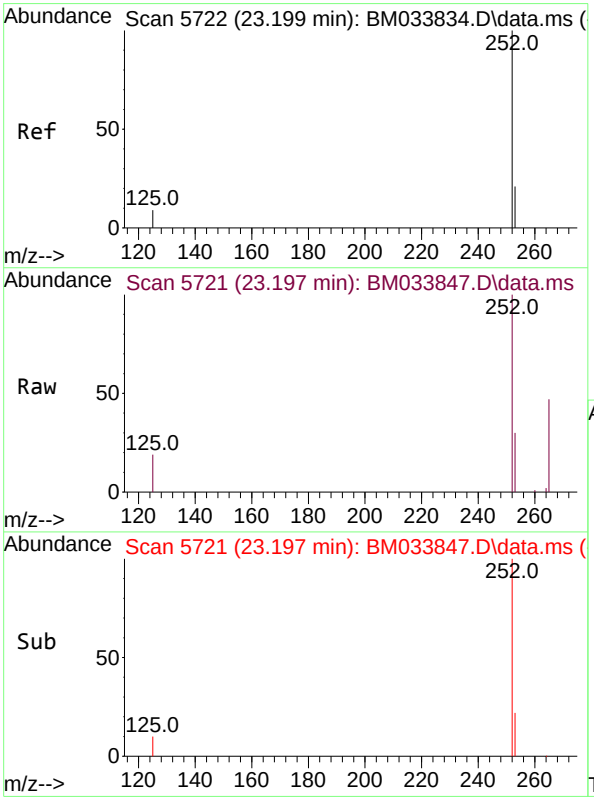
#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.149 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:252 Resp: 10782

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	64.2
125	20.8	0.0	28.8

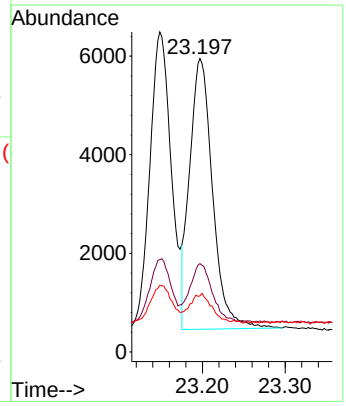


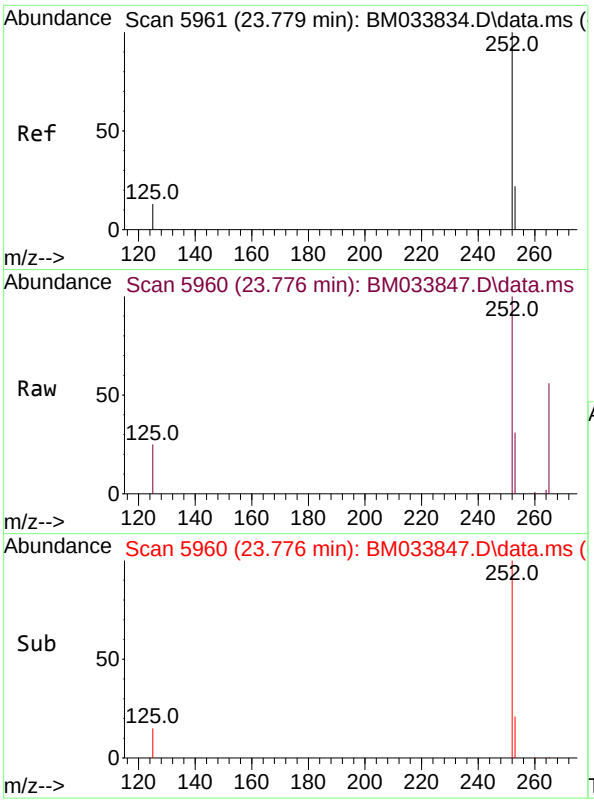


#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.002 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:252 Resp: 10593

Ion	Ratio	Lower	Upper
252	100		
253	30.1	26.8	40.2
125	19.1	12.0	18.0#



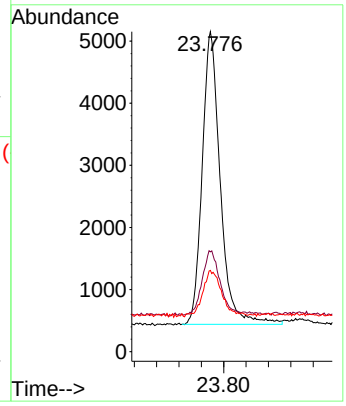


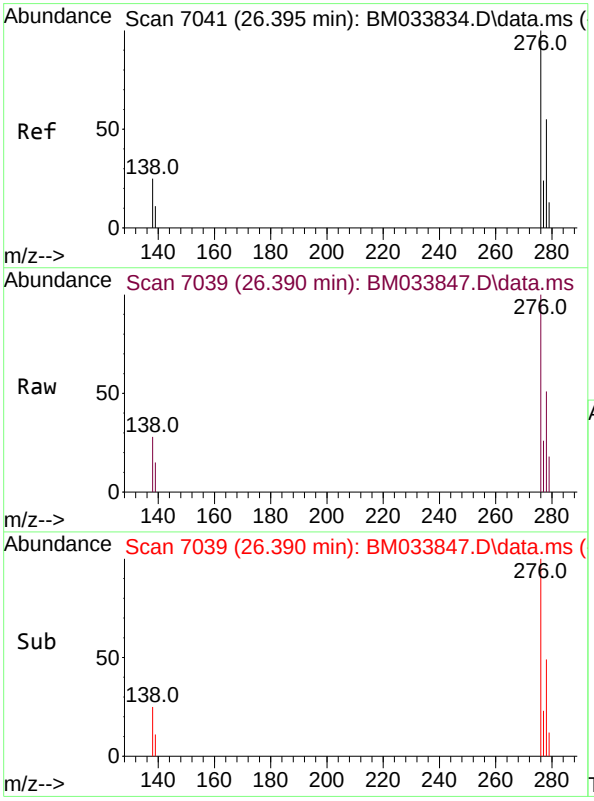
#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.776 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:252 Resp: 10540

Ion	Ratio	Lower	Upper
252	100		
253	31.2	32.0	48.0#
125	25.4	14.5	21.7#

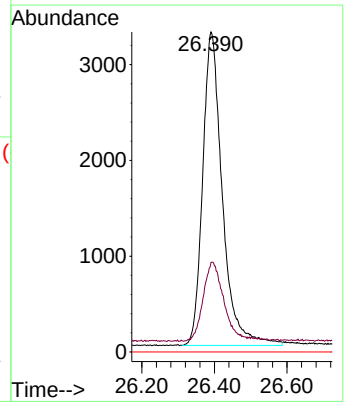


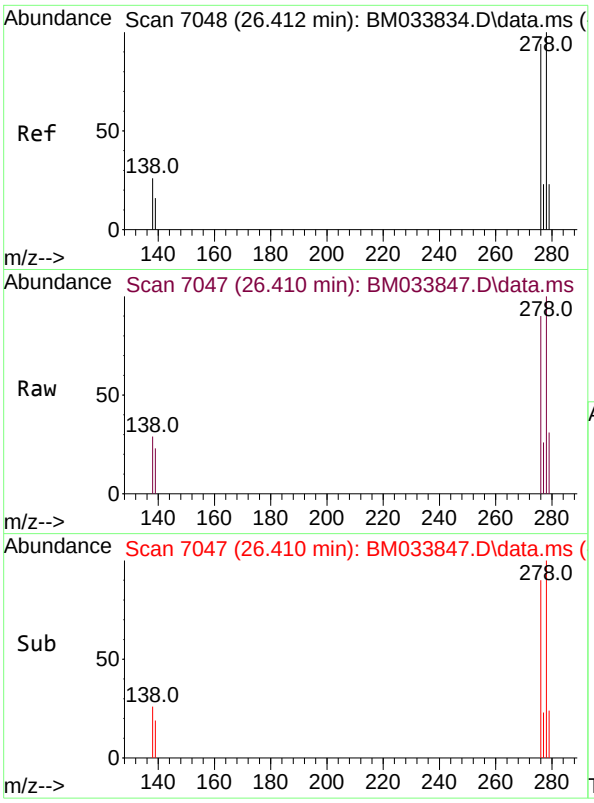


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 26.390 min Scan# 7039
Delta R.T. -0.005 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:276 Resp: 12297

Ion	Ratio	Lower	Upper
276	100		
138	26.9	15.8	23.6#
227	0.0	0.0	0.0



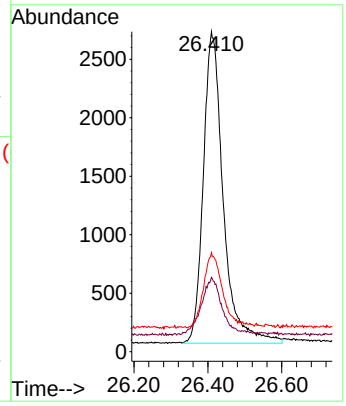


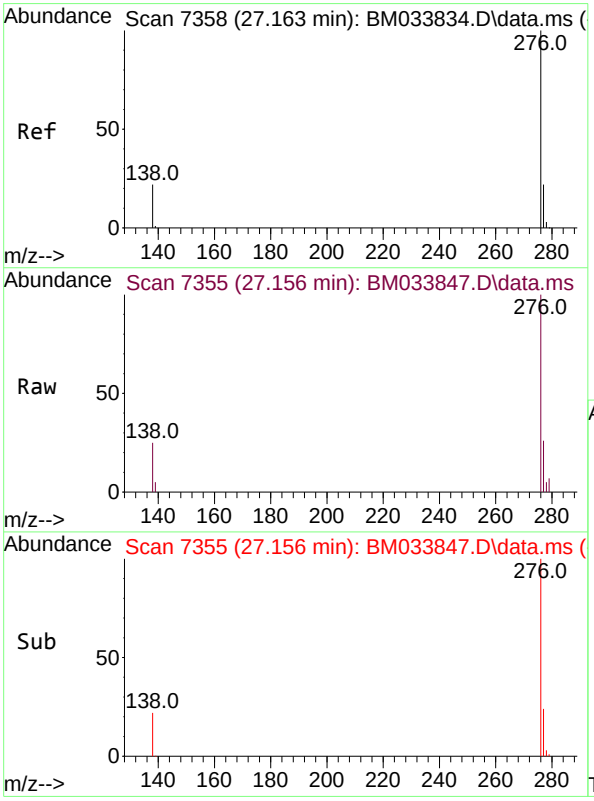
#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.410 min Scan# 7
Delta R.T. -0.002 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:278 Resp: 9985

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.0	27.0
279	31.0	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.156 min Scan# 7355
Delta R.T. -0.007 min
Lab File: BM033847.D
Acq: 24 Jan 2022 20:48

Tgt Ion:276 Resp: 10755

Ion	Ratio	Lower	Upper
276	100		
138	25.2	17.4	26.0
277	26.3	22.6	33.8