Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
Data File : BM033878.D
Acq On : 26 Jan 2022 19:46
Operator : CG/JU
Sample : PB142272BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS272

Quant Time: Jan 27 01:42:52 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	7.939	152	1665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	5683	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	2660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	5379	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	4646	0.400	ng/ul	# 0.00
23) Perylene-d12	23.875	264	4623	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1321	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	2995	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	6048	0.423	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	3461	1.900	ng/ul#	78
5) Naphthalene	10.801	128	6002	0.384	ng/ul#	90
7) 2-Methylnaphthalene	12.415	142	3575	0.352	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	3574	0.359	ng/ul	98
10) Acenaphthylene	14.303	152	5022	0.422	ng/ul#	93
11) Acenaphthene	14.640	153	3686	0.387	ng/ul	97
12) Fluorene	15.626	166	4196	0.386	ng/ul	98
14) Pentachlorophenol	16.969	266	1652	0.668	ng/ul	98
15) Phenanthrene	17.358	178	6845	0.399	ng/ul	97
16) Anthracene	17.451	178	6141	0.383	ng/ul	94
19) Fluoranthene	19.364	202	8658	0.409	ng/ul	99
20) Pyrene	19.723	202	8963	0.413	ng/ul#	94
21) Benzo(a)anthracene	21.462	228	7608	0.401	ng/ul	98
22) Chrysene	21.513	228	8884	0.441	ng/ul	97
24) Benzo(b)fluoranthene	23.141	252	8685	0.418	ng/ul	93
25) Benzo(k)fluoranthene	23.187	252	9183	0.441	ng/ul#	93
26) Benzo(a)pyrene	23.766	252	8447	0.469	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.383	276	10132	0.423	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.404	278	8106	0.429	ng/ul	95
29) Benzo(g,h,i)perylene	27.138	276	9022	0.444	ng/ul	94

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

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Quant Time: Jan 27 01:42:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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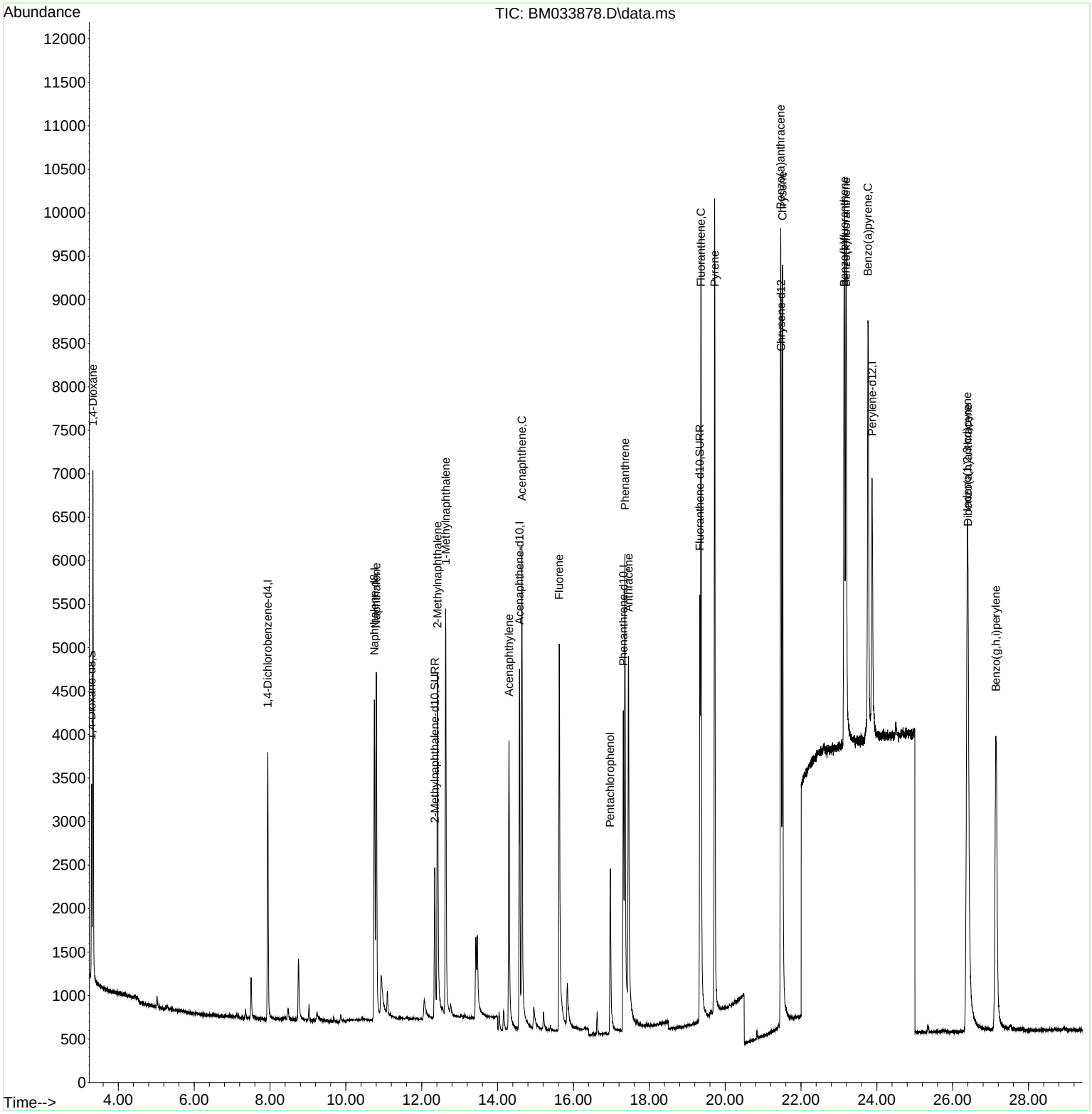
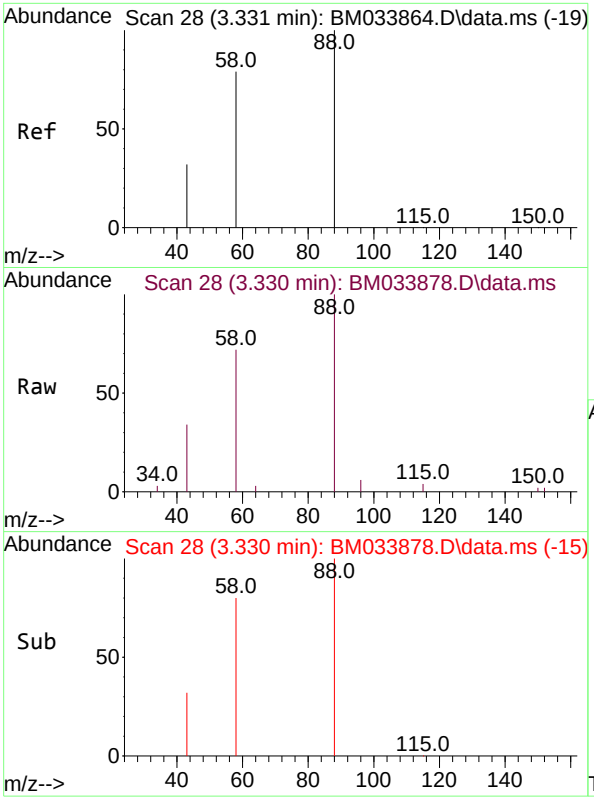


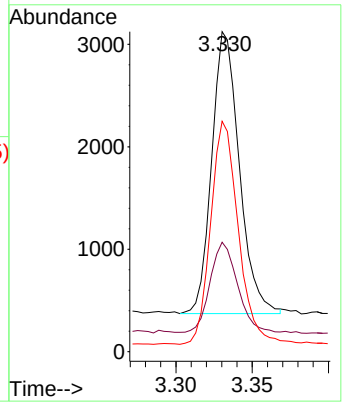


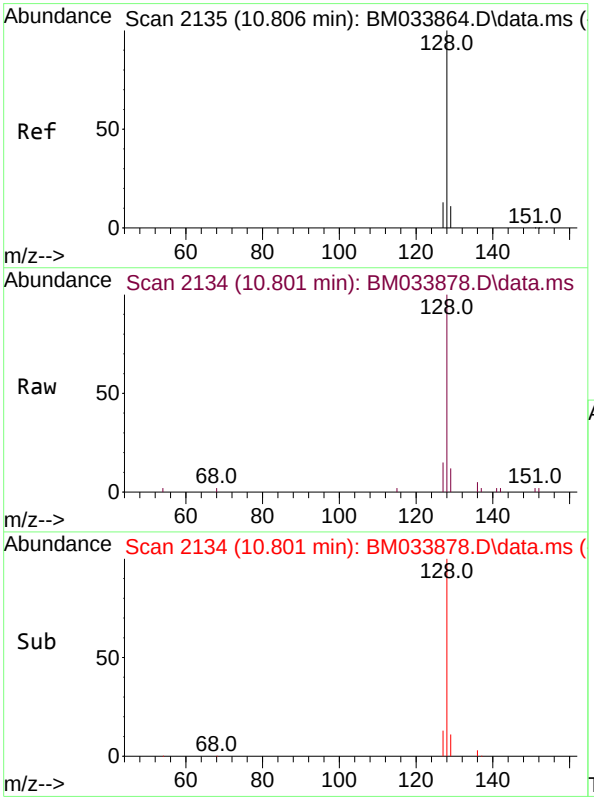
#2
1,4-Dioxane
Concen: 1.900 ng/ul
RT: 3.330 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion: 88 Resp: 3461

Ion	Ratio	Lower	Upper
88	100		
43	34.2	49.7	74.5#
58	72.0	52.5	78.7

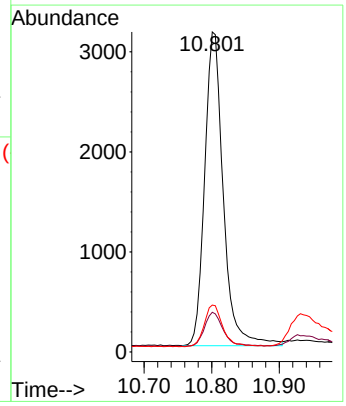


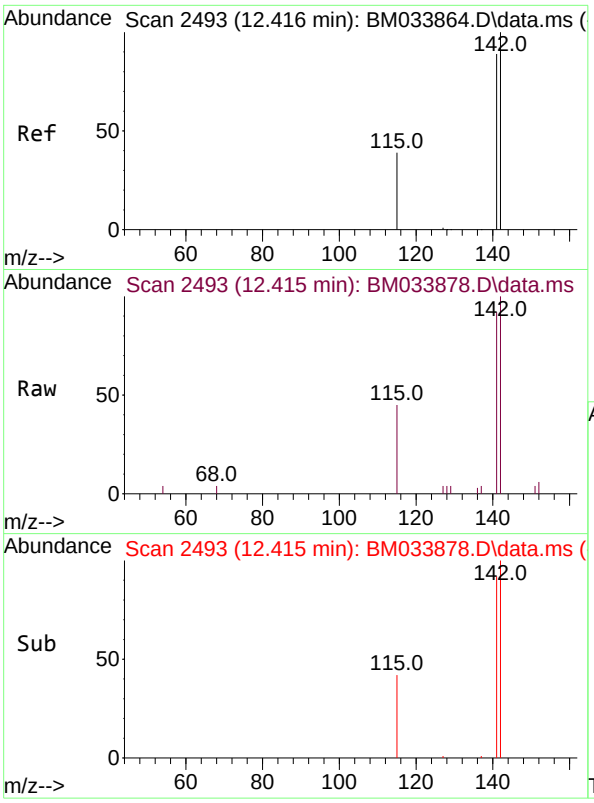


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.801 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:128 Resp: 6002

Ion	Ratio	Lower	Upper
128	100		
129	12.4	13.4	20.2#
127	14.6	15.2	22.8#



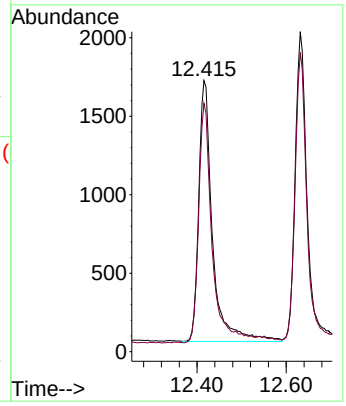


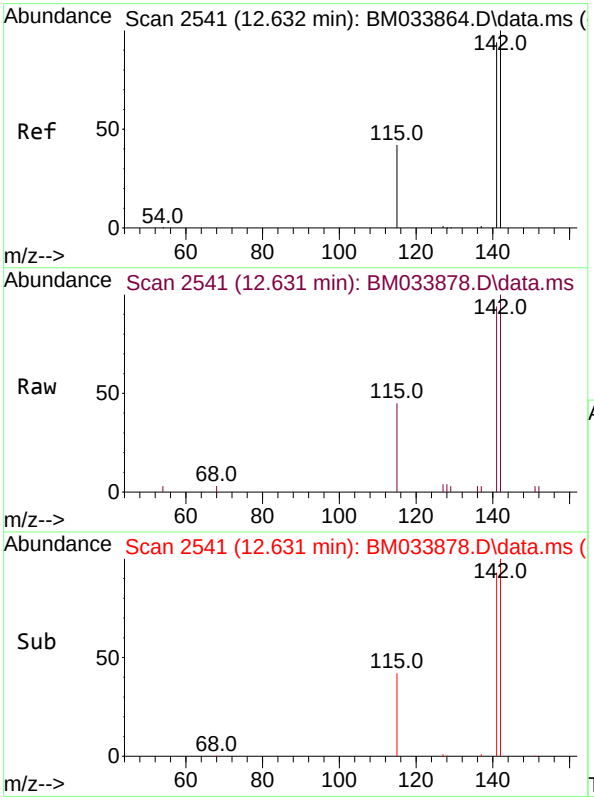
#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.415 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:142 Resp: 3575

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.8	107.6

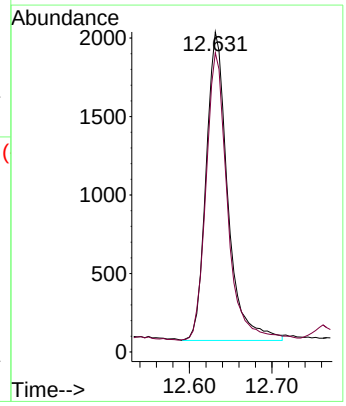


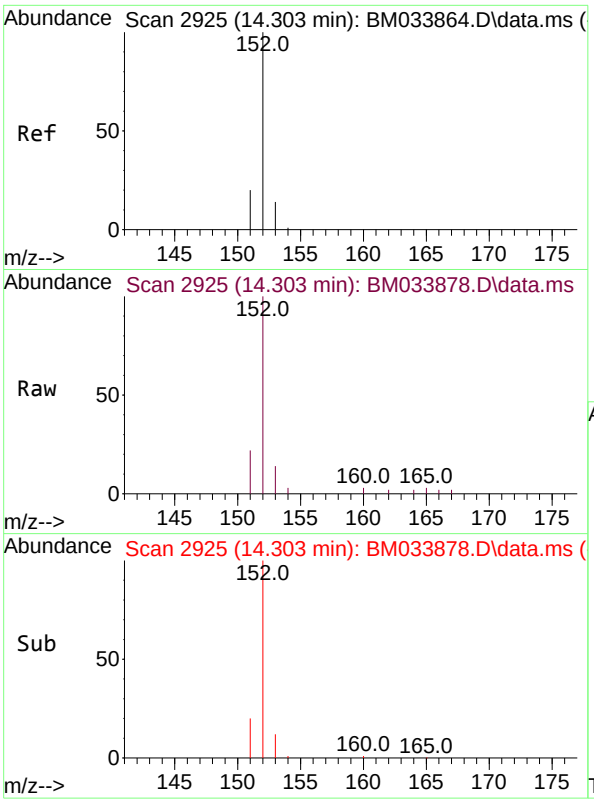


#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.631 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:142 Resp: 3574

Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.0	112.4



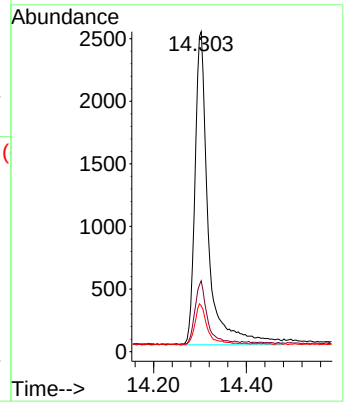


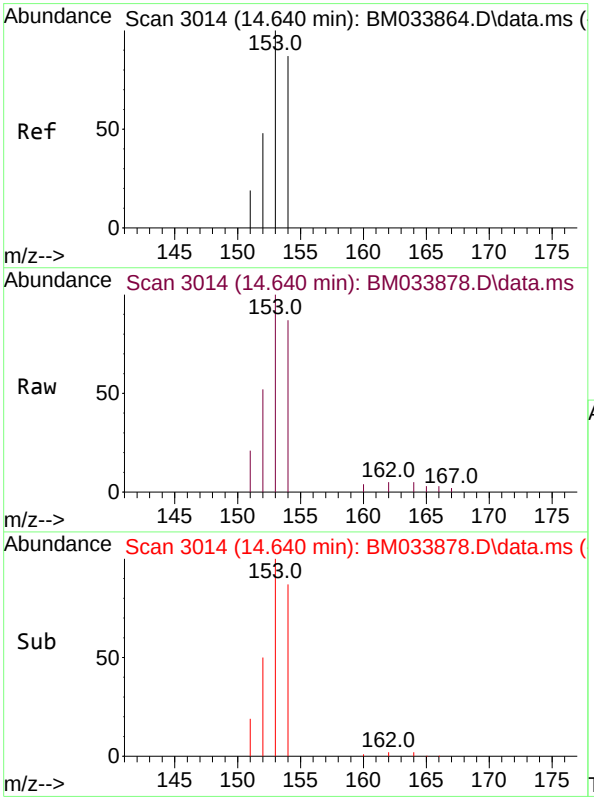
#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.303 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:152 Resp: 5022

Ion	Ratio	Lower	Upper
152	100		
151	22.1	19.9	29.9
153	14.3	15.0	22.4#

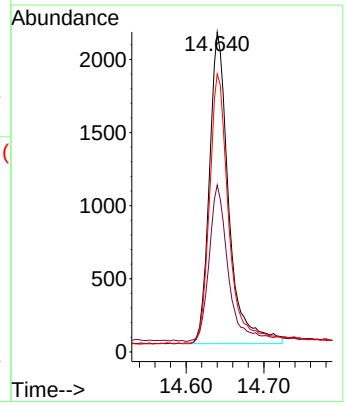


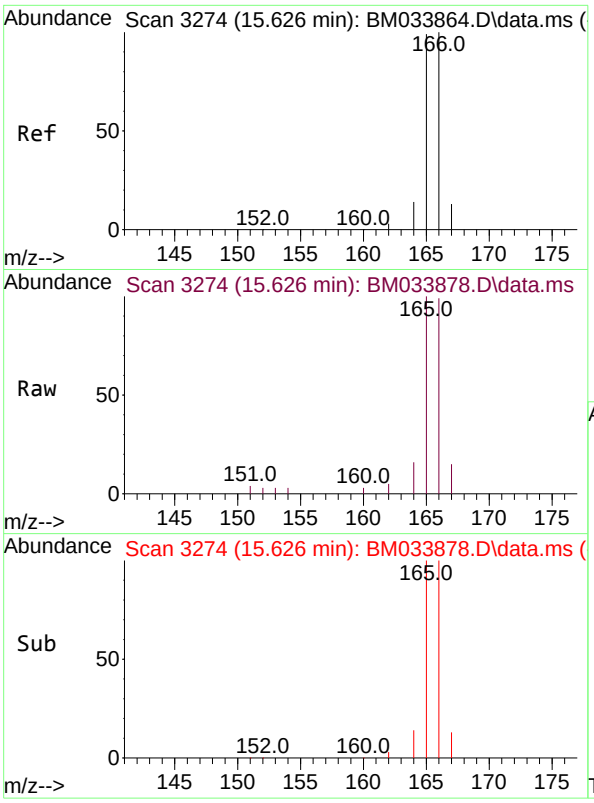


#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.640 min Scan# 3014
Delta R.T. -0.004 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:153 Resp: 3686

Ion	Ratio	Lower	Upper
153	100		
152	52.2	42.4	63.6
154	86.9	66.2	99.2



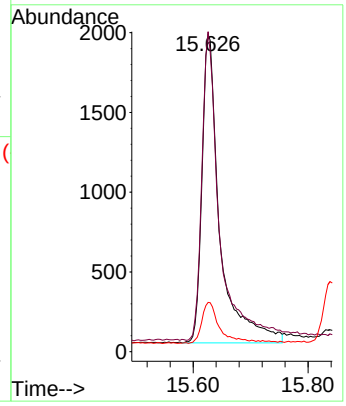


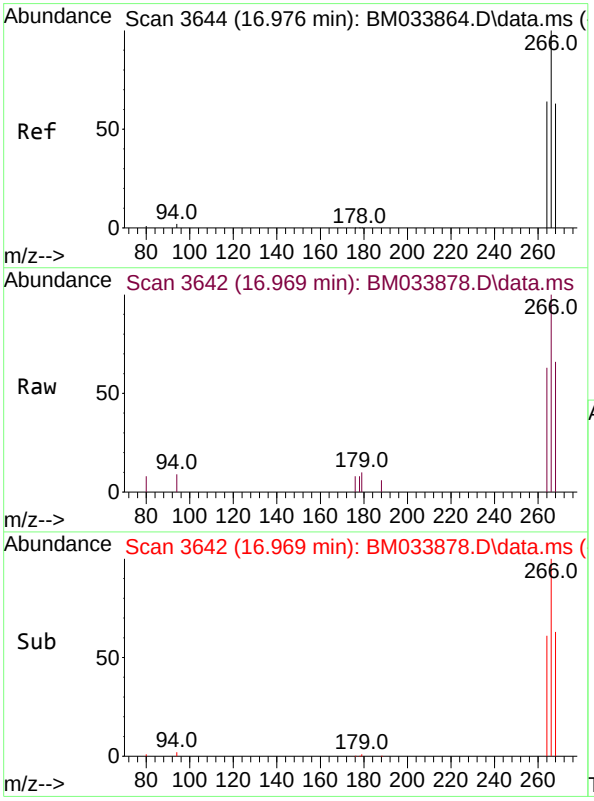
#12
Fluorene
Concen: 0.386 ng/ul
RT: 15.626 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:166 Resp: 4196

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.1	121.7
167	15.5	14.9	22.3

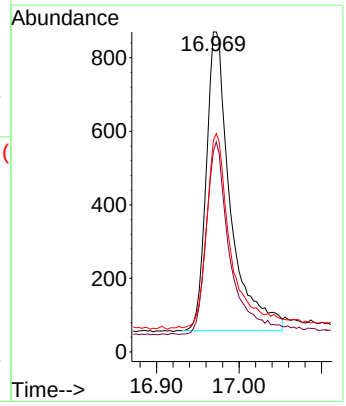


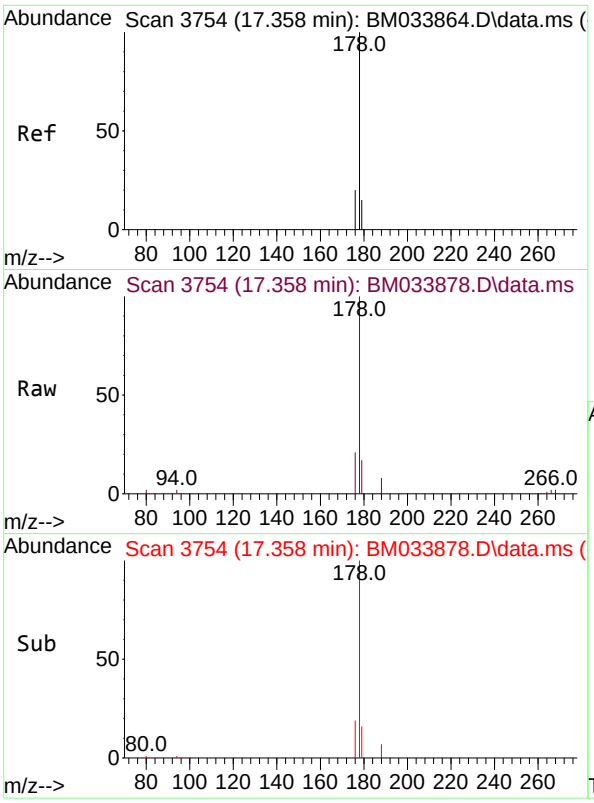


#14
Pentachlorophenol
Concen: 0.668 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:266 Resp: 1652

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.4	77.0
268	64.5	53.1	79.7



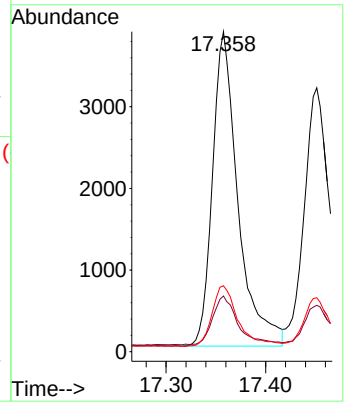


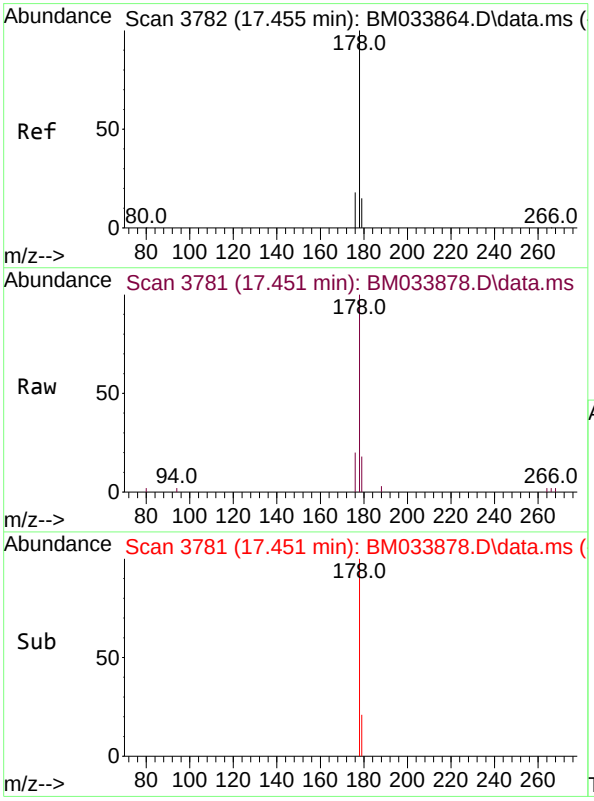
#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:178 Resp: 6845

Ion	Ratio	Lower	Upper
178	100		
179	17.4	15.0	22.6
176	20.6	17.9	26.9

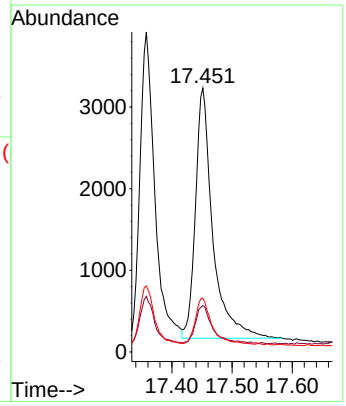


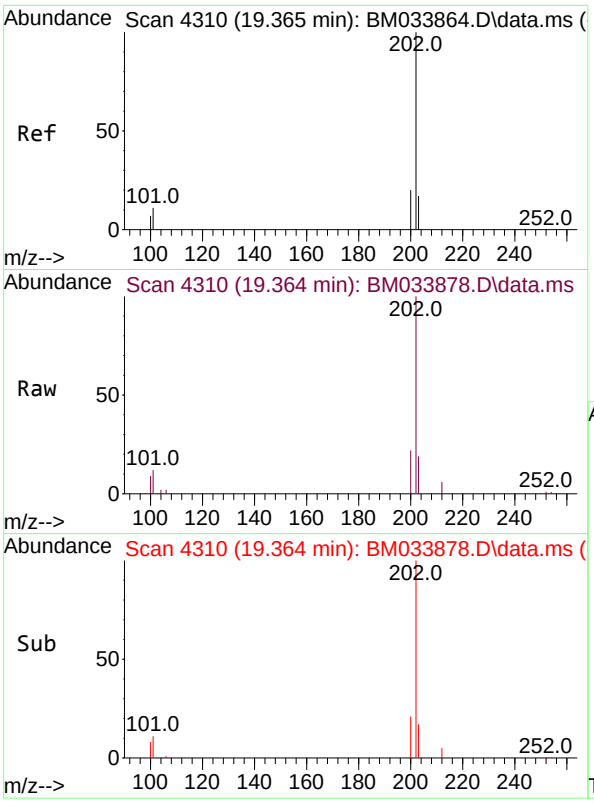


#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:178 Resp: 6141

Ion	Ratio	Lower	Upper
178	100		
179	17.6	16.5	24.7
176	20.4	18.3	27.5



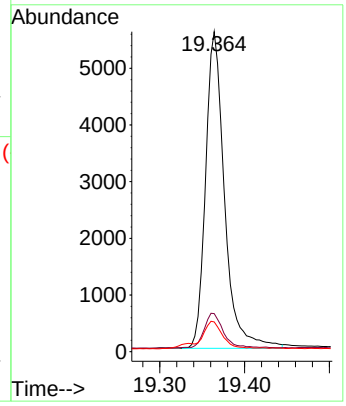


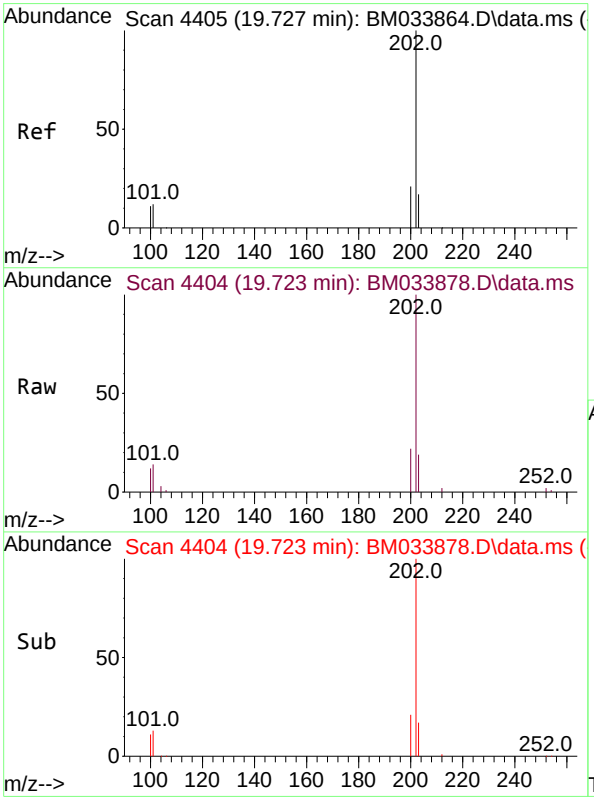
#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.364 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:202 Resp: 8658

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	9.3	7.2	10.8

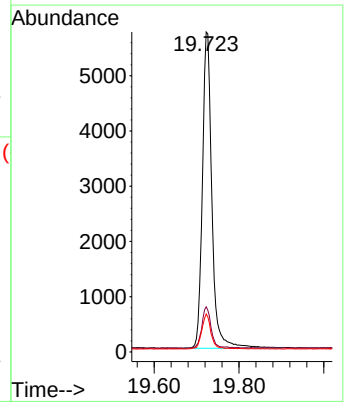


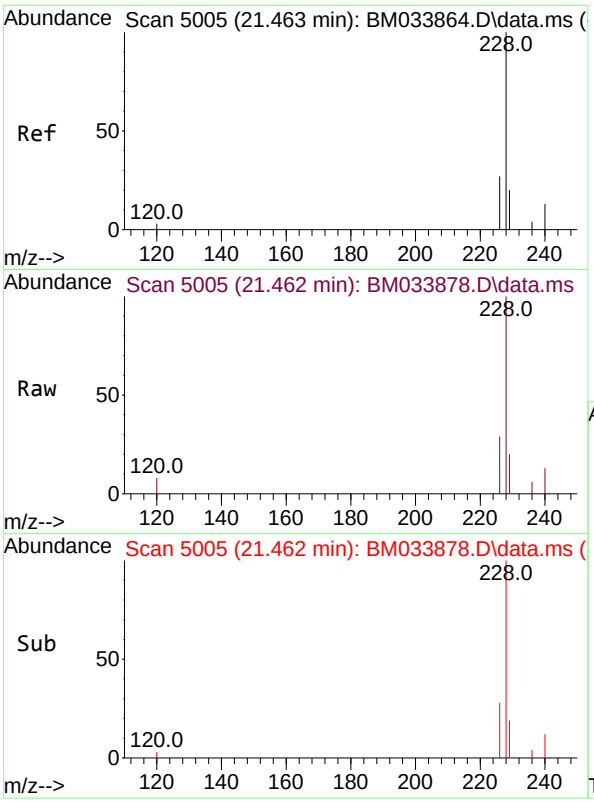


#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.723 min Scan# 4404
Delta R.T. -0.004 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:202 Resp: 8963

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.3	13.9#
100	11.9	7.8	11.6#



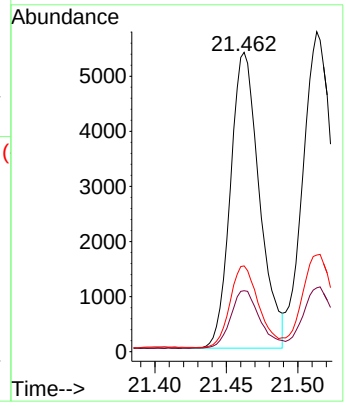


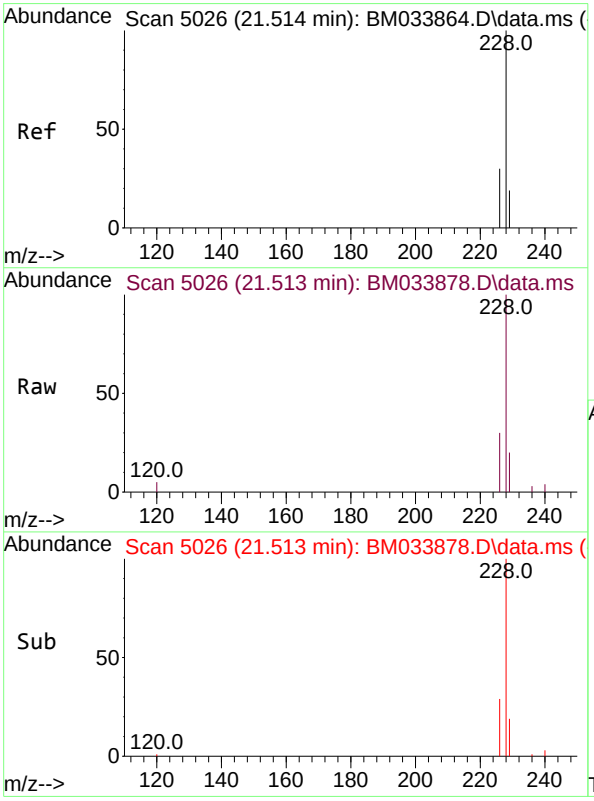
#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.462 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:228 Resp: 7608

Ion	Ratio	Lower	Upper
228	100		
229	20.4	17.3	25.9
226	28.6	23.2	34.8

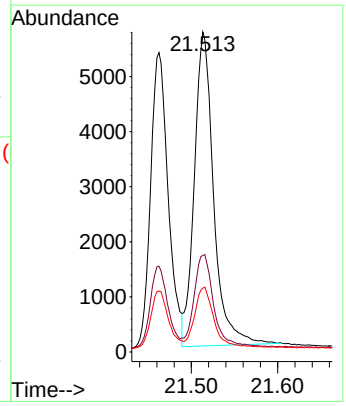


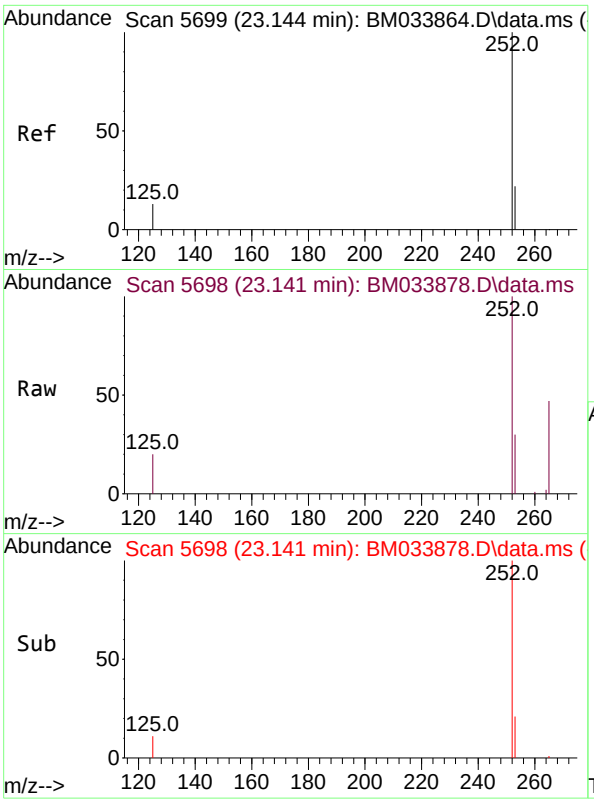


#22
Chrysene
Concen: 0.441 ng/ul
RT: 21.513 min Scan# 5026
Delta R.T. -0.008 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:228 Resp: 8884

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.8	38.8
229	20.0	16.7	25.1



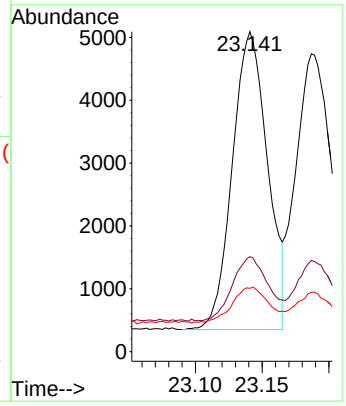


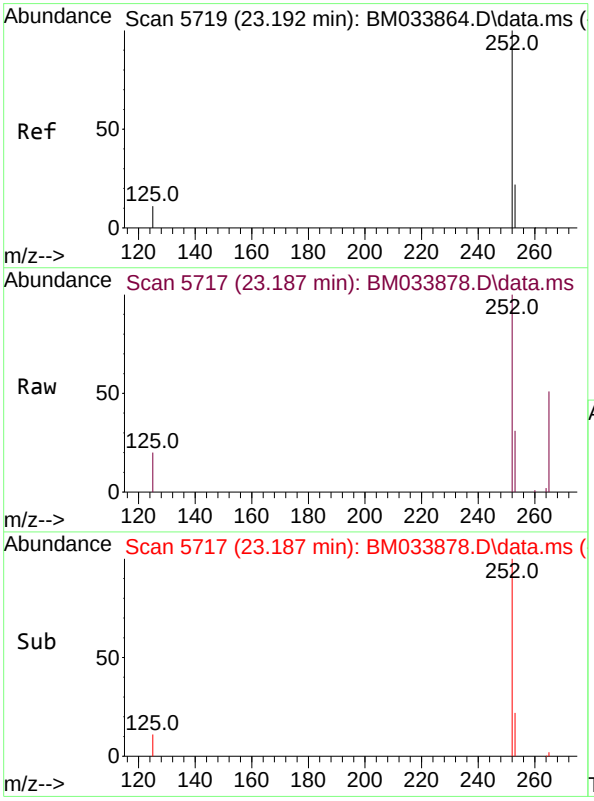
#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.141 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:252 Resp: 8685

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	64.2
125	19.8	0.0	28.8

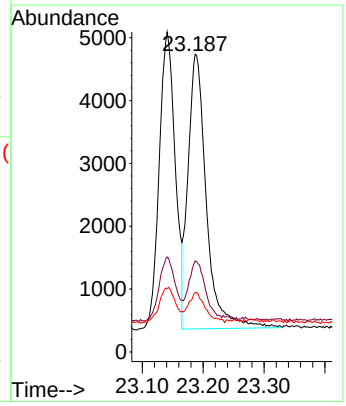


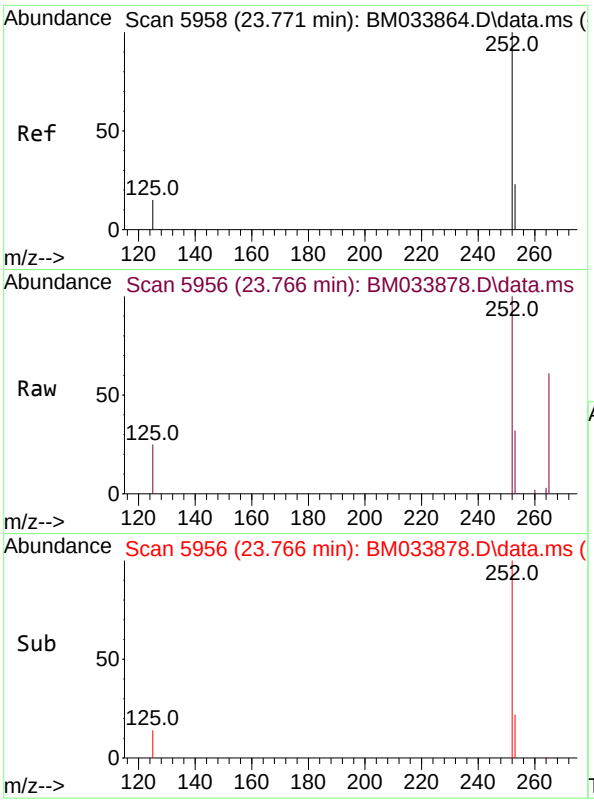


#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 23.187 min Scan# 5717
Delta R.T. -0.013 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:252 Resp: 9183

Ion	Ratio	Lower	Upper
252	100		
253	30.6	26.8	40.2
125	19.9	12.0	18.0#



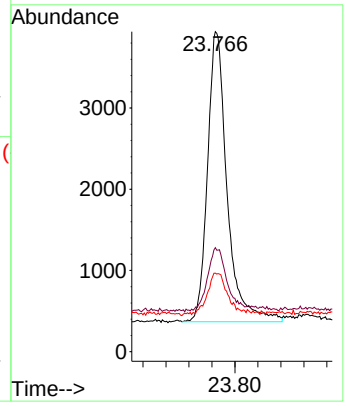


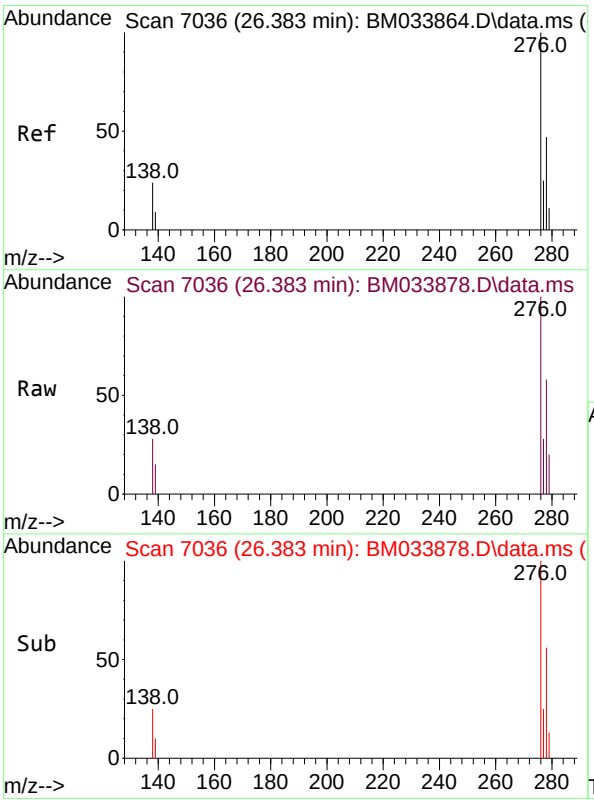
#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.766 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:252 Resp: 8447

Ion	Ratio	Lower	Upper
252	100		
253	32.5	32.0	48.0
125	24.6	14.5	21.7#

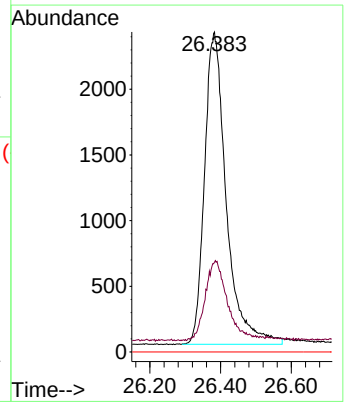


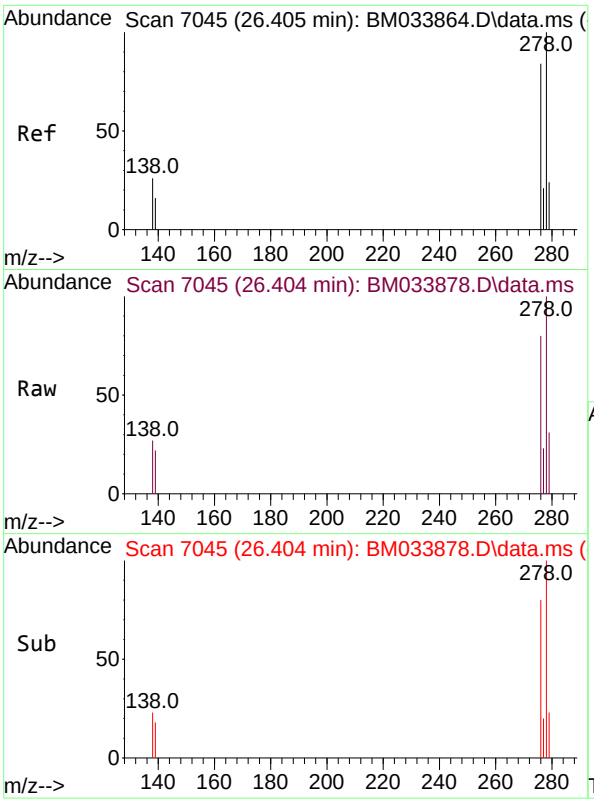


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.383 min Scan# 7036
Delta R.T. -0.013 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:276 Resp: 10132

Ion	Ratio	Lower	Upper
276	100		
138	26.5	15.8	23.6#
227	0.0	0.0	0.0



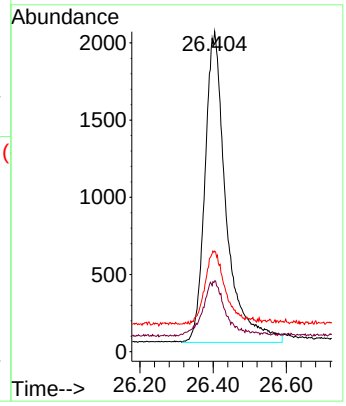


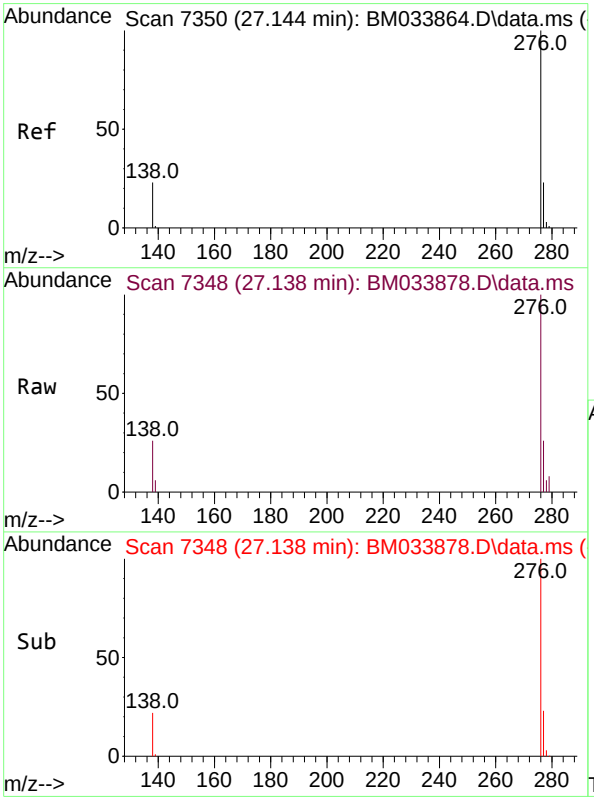
#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.404 min Scan# 7
Delta R.T. -0.008 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS272

Tgt Ion:278 Resp: 8106

Ion	Ratio	Lower	Upper
278	100		
139	22.1	18.0	27.0
279	31.5	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.138 min Scan# 7348
Delta R.T. -0.025 min
Lab File: BM033878.D
Acq: 26 Jan 2022 19:46

Tgt Ion:276 Resp: 9022

Ion	Ratio	Lower	Upper
276	100		
138	25.7	17.4	26.0
277	26.2	22.6	33.8