Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033477.D
Acq On : 15 Dec 2021 13:57
Operator : CG/JU
Sample : PB141312BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS312

Quant Time: Dec 16 02:33:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration

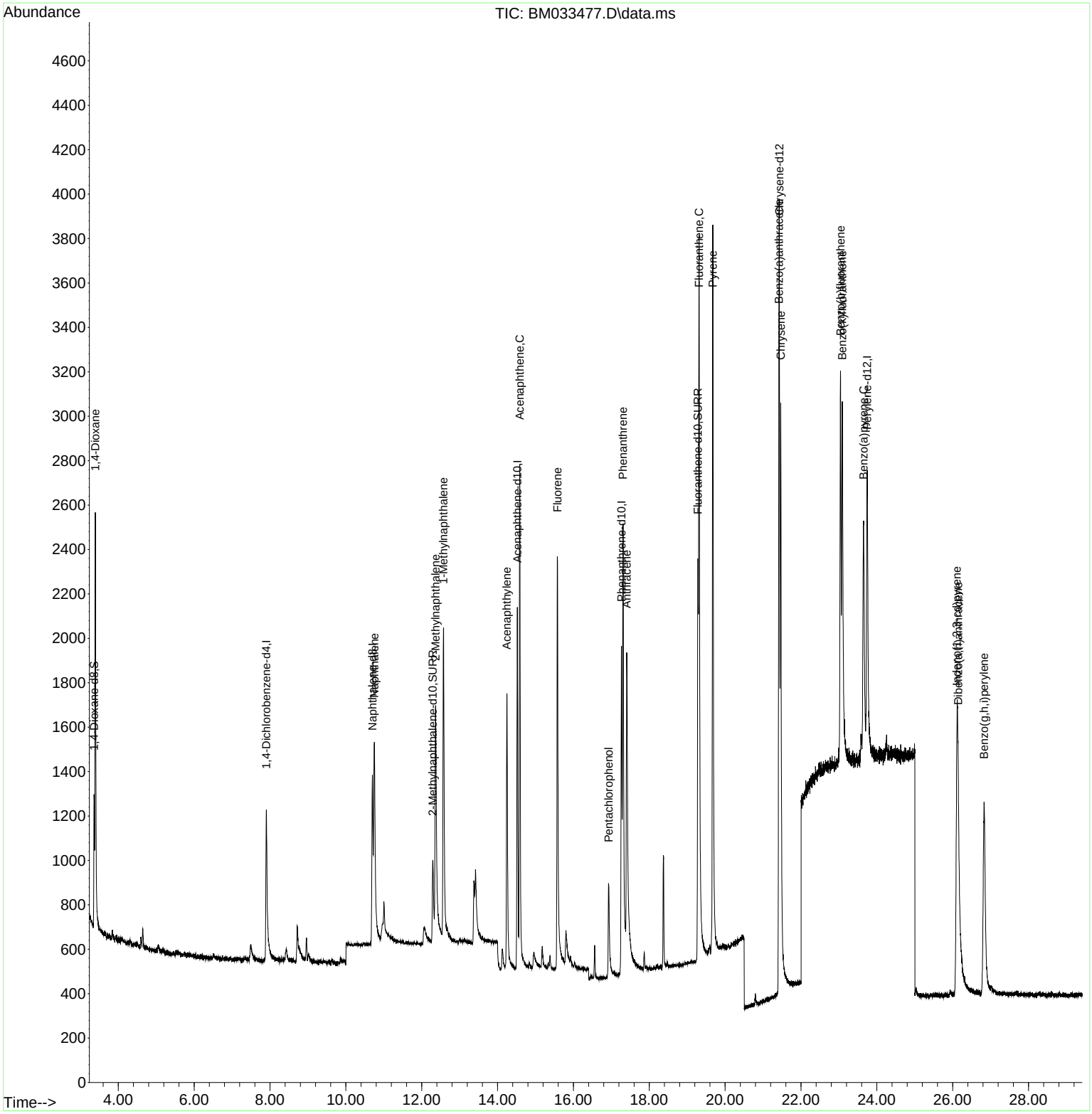
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	1550	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.523	164	1025	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	2344	0.400	ng/ul	-0.01
17) Chrysene-d12	21.429	240	2645	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	2158	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.362	96	374	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	796	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	2861	0.497	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	1204	1.984	ng/ul#	83
5) Naphthalene	10.752	128	1942	0.342	ng/ul	98
7) 2-Methylnaphthalene	12.366	142	1201	0.372	ng/ul	94
8) 1-Methylnaphthalene	12.573	142	1206	0.361	ng/ul	100
10) Acenaphthylene	14.246	152	1922	0.335	ng/ul	98
11) Acenaphthene	14.583	153	1550	0.344	ng/ul	97
12) Fluorene	15.577	166	1731	0.359	ng/ul	98
14) Pentachlorophenol	16.934	266	439	0.522	ng/ul	99
15) Phenanthrene	17.309	178	2791	0.365	ng/ul	97
16) Anthracene	17.406	178	2490	0.369	ng/ul	98
19) Fluoranthene	19.311	202	3484	0.501	ng/ul#	93
20) Pyrene	19.674	202	3699	0.482	ng/ul#	89
21) Benzo(a)anthracene	21.417	228	2479	0.421	ng/ul	99
22) Chrysene	21.468	228	3078	0.419	ng/ul	99
24) Benzo(b)fluoranthene	23.044	252	2604	0.454	ng/ul	89
25) Benzo(k)fluoranthene	23.088	252	2921	0.443	ng/ul#	90
26) Benzo(a)pyrene	23.650	252	2233	0.404	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.112	276	2689	0.435	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.143	278	2246	0.439	ng/ul	92
29) Benzo(g,h,i)perylene	26.829	276	2437	0.438	ng/ul#	94

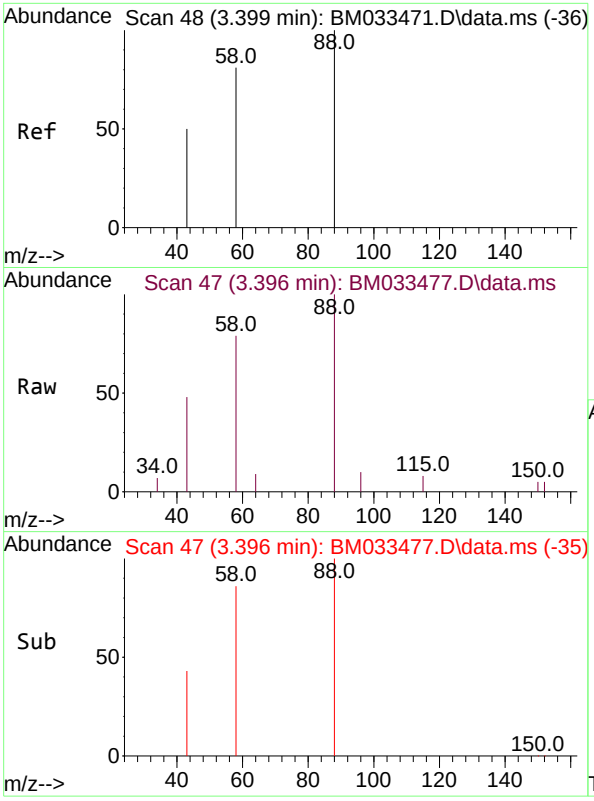
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033477.D
Acq On : 15 Dec 2021 13:57
Operator : CG/JU
Sample : PB141312BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS312

Quant Time: Dec 16 02:33:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration



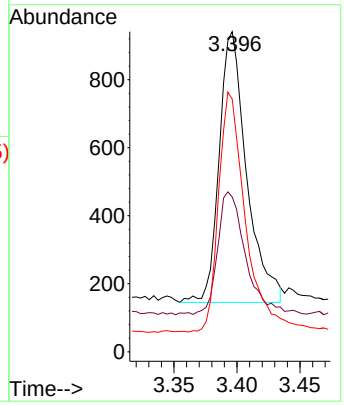


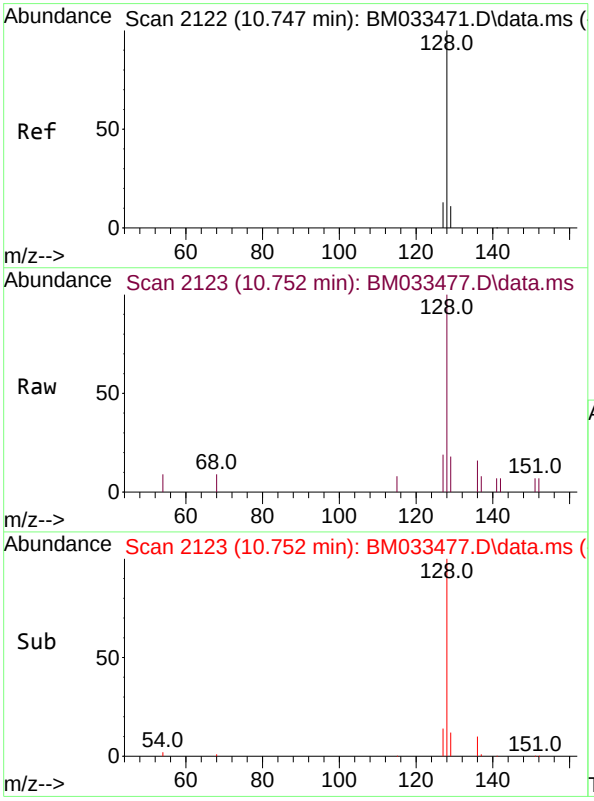
#2
1,4-Dioxane
Concen: 1.984 ng/ul
RT: 3.396 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion: 88 Resp: 1204

Ion	Ratio	Lower	Upper
88	100		
43	48.4	49.7	74.5#
58	79.0	52.5	78.7#

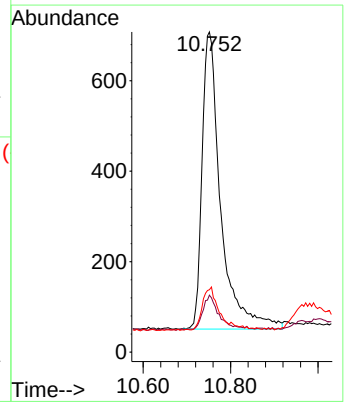


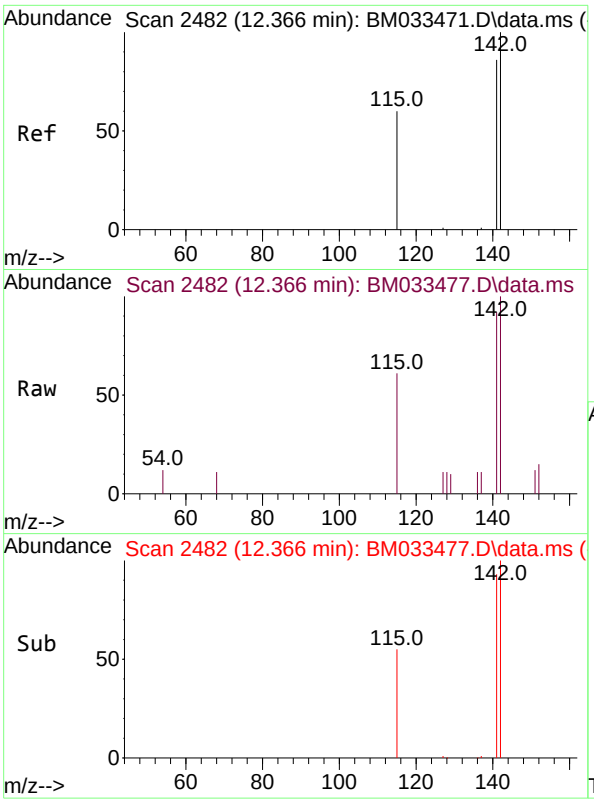


#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.752 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:128 Resp: 1942

Ion	Ratio	Lower	Upper
128	100		
129	17.8	13.4	20.2
127	19.5	15.2	22.8



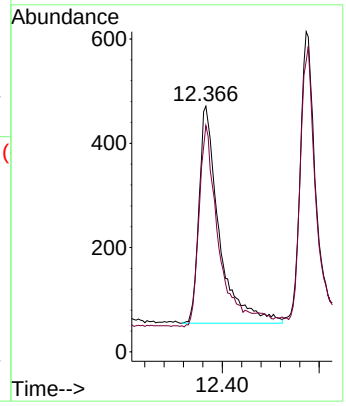


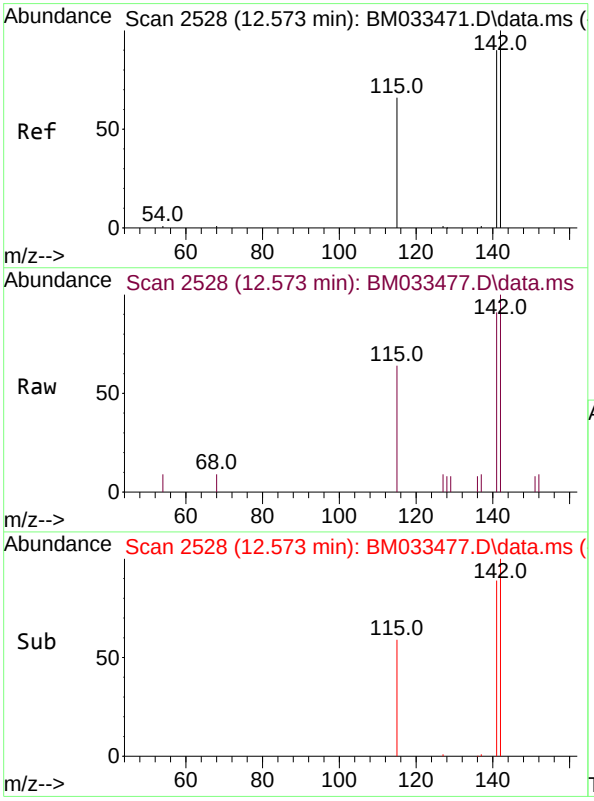
#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.366 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:142 Resp: 1201

Ion	Ratio	Lower	Upper
142	100		
141	95.7	71.8	107.6

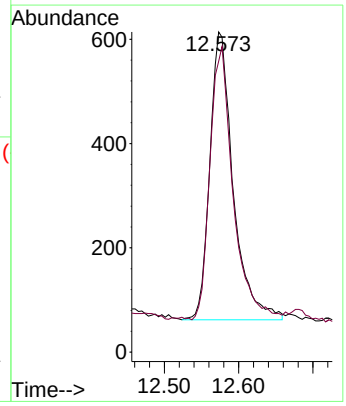


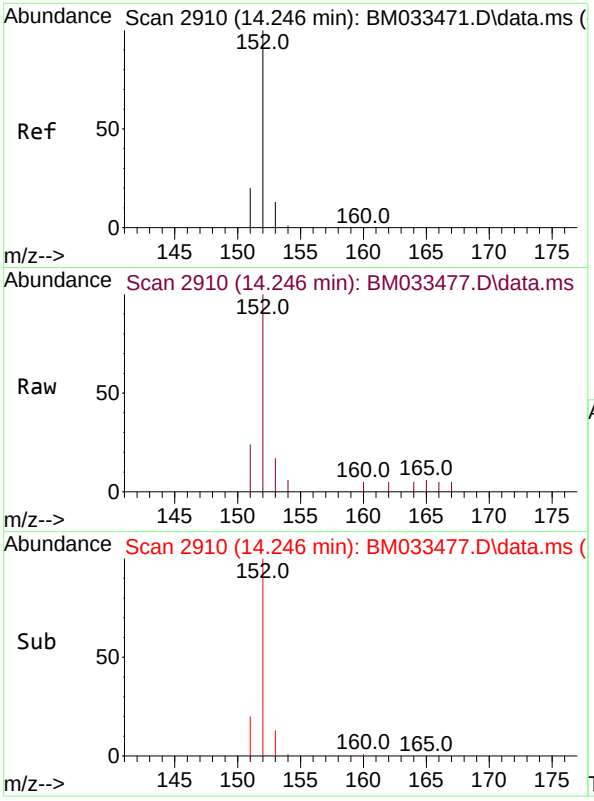


#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.573 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:142 Resp: 1206

Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.0	112.4



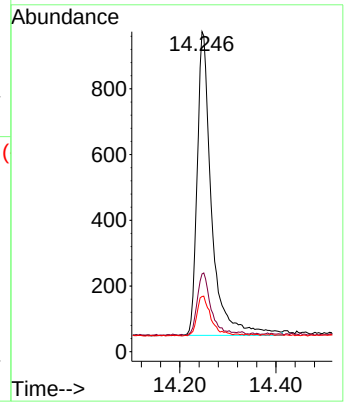


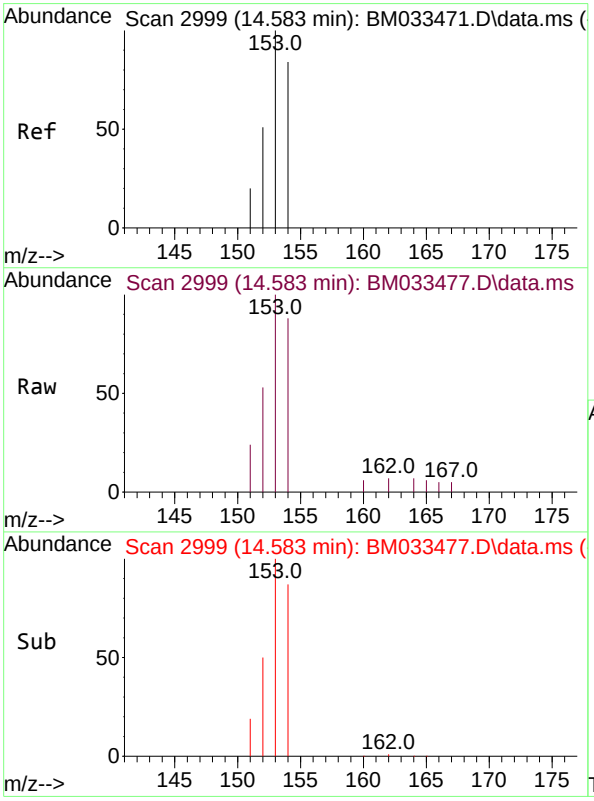
#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.246 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:152 Resp: 1922

Ion	Ratio	Lower	Upper
152	100		
151	24.3	19.9	29.9
153	17.2	15.0	22.4

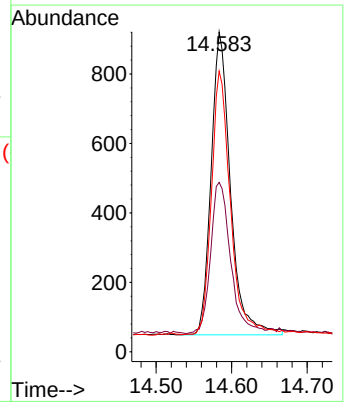


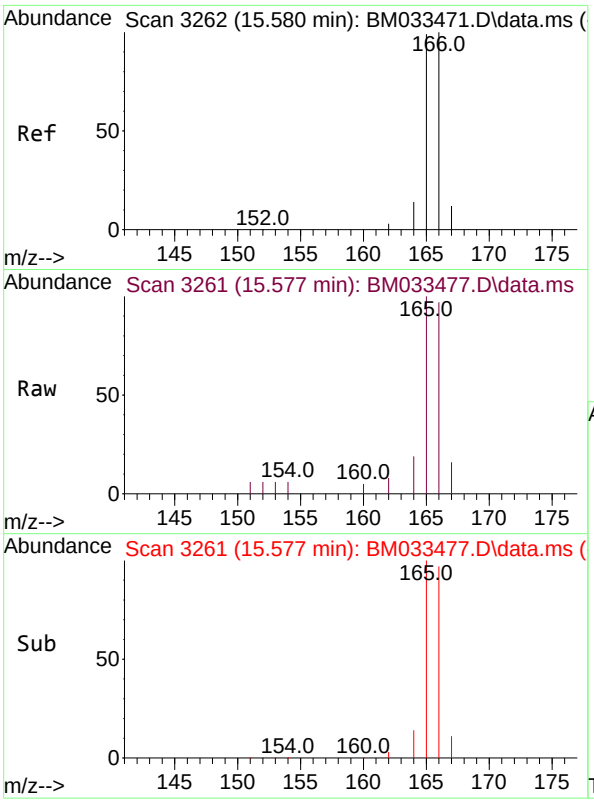


#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.583 min Scan# 2999
Delta R.T. -0.007 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:153 Resp: 1550

Ion	Ratio	Lower	Upper
153	100		
152	53.0	42.4	63.6
154	87.7	66.2	99.2



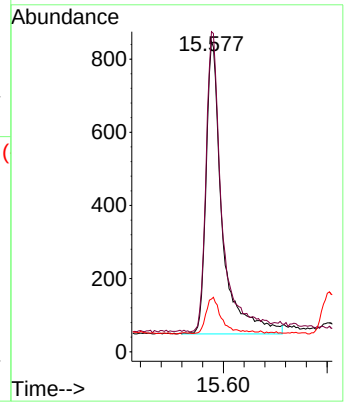


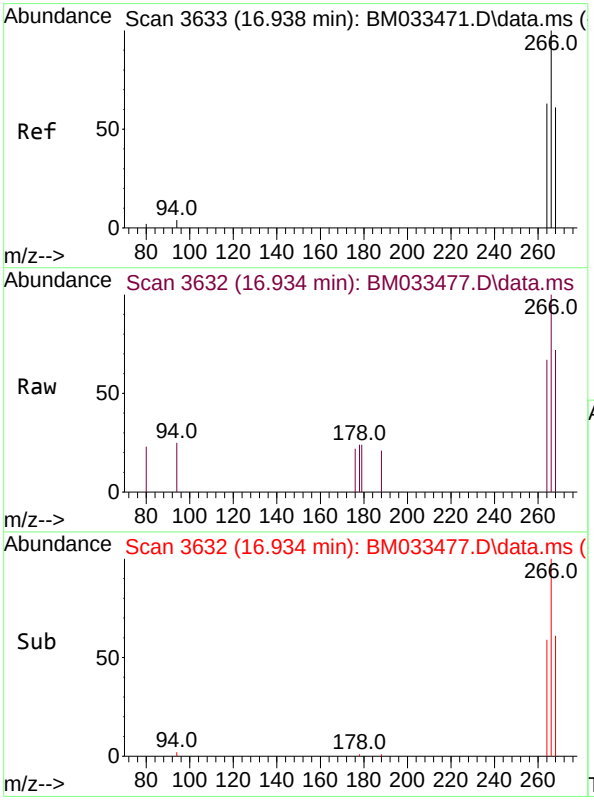
#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.577 min Scan# 3
Delta R.T. -0.015 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:166 Resp: 1731

Ion	Ratio	Lower	Upper
166	100		
165	103.2	81.1	121.7
167	17.0	14.9	22.3

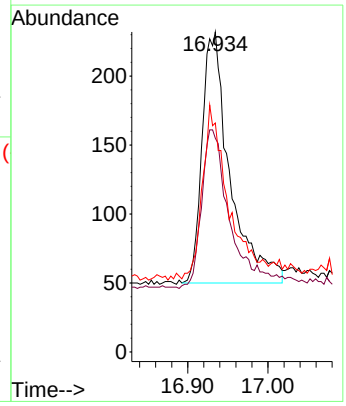


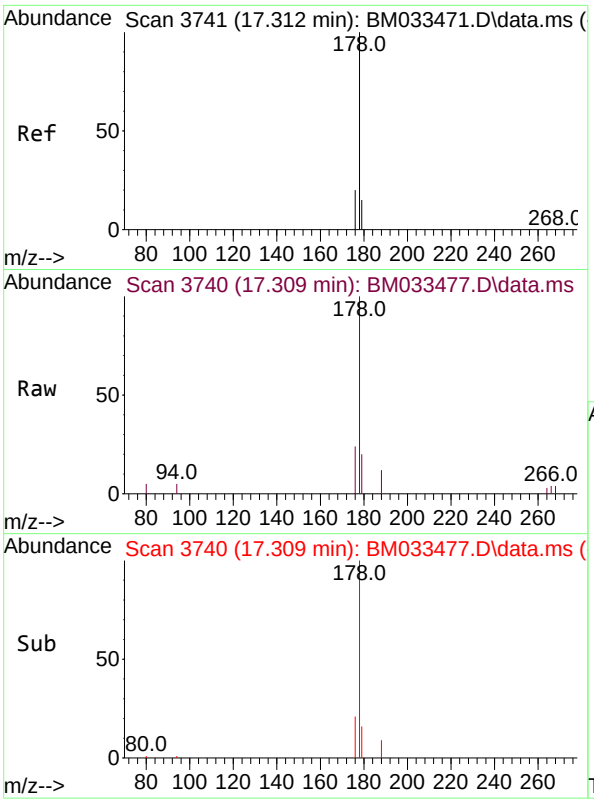


#14
Pentachlorophenol
Concen: 0.522 ng/ul
RT: 16.934 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:266 Resp: 439

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.4	77.0
268	66.3	53.1	79.7



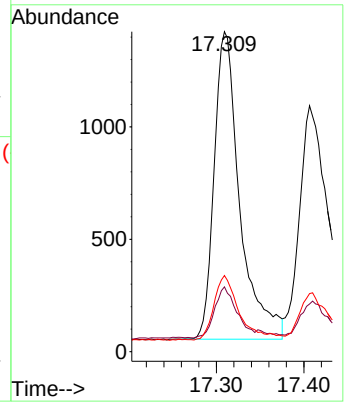


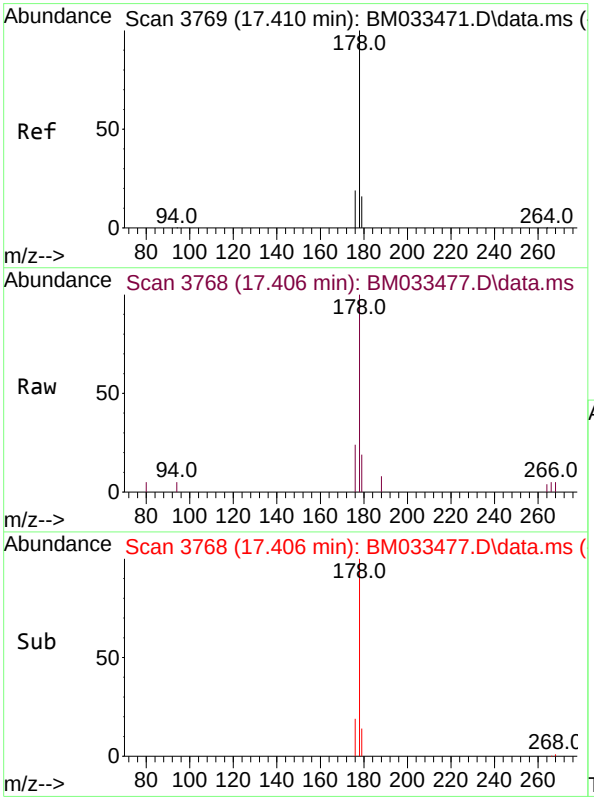
#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.309 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:178 Resp: 2791

Ion	Ratio	Lower	Upper
178	100		
179	20.2	15.0	22.6
176	23.8	17.9	26.9

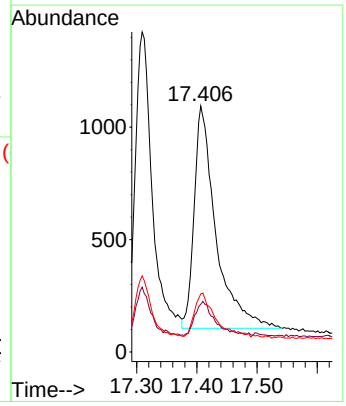


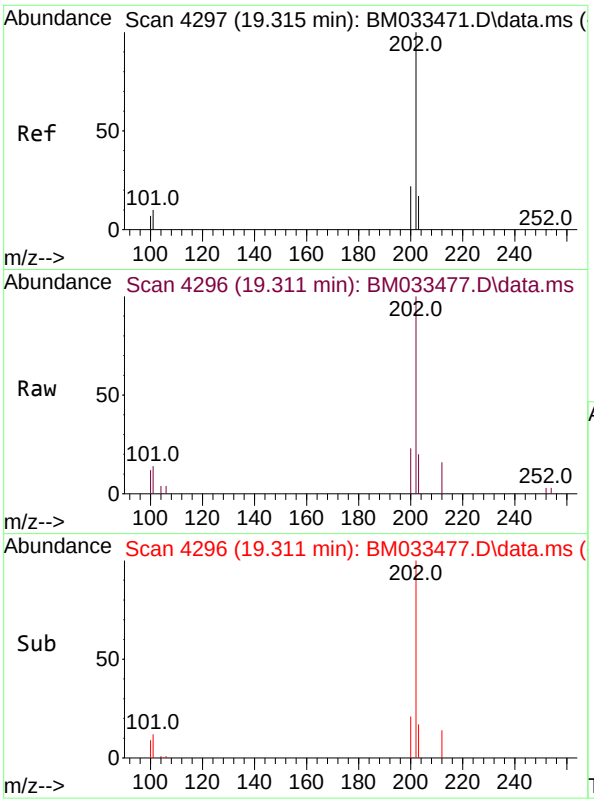


#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.406 min Scan# 3768
Delta R.T. -0.017 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:178 Resp: 2490

Ion	Ratio	Lower	Upper
178	100		
179	19.4	16.5	24.7
176	23.6	18.3	27.5



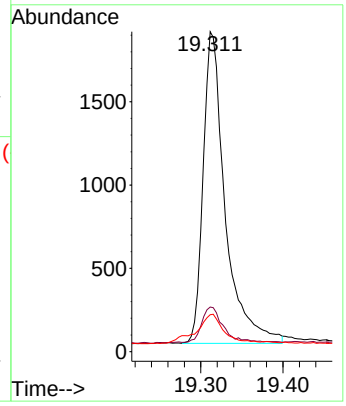


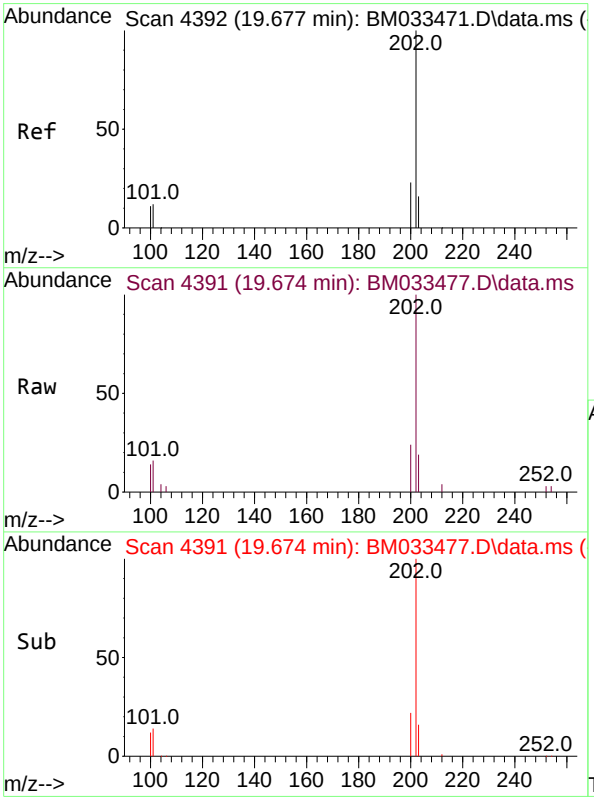
#19
Fluoranthene
Concen: 0.501 ng/ul
RT: 19.311 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:202 Resp: 3484

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.2	13.8#
100	11.6	7.2	10.8#

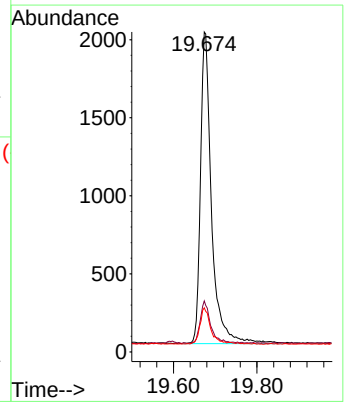


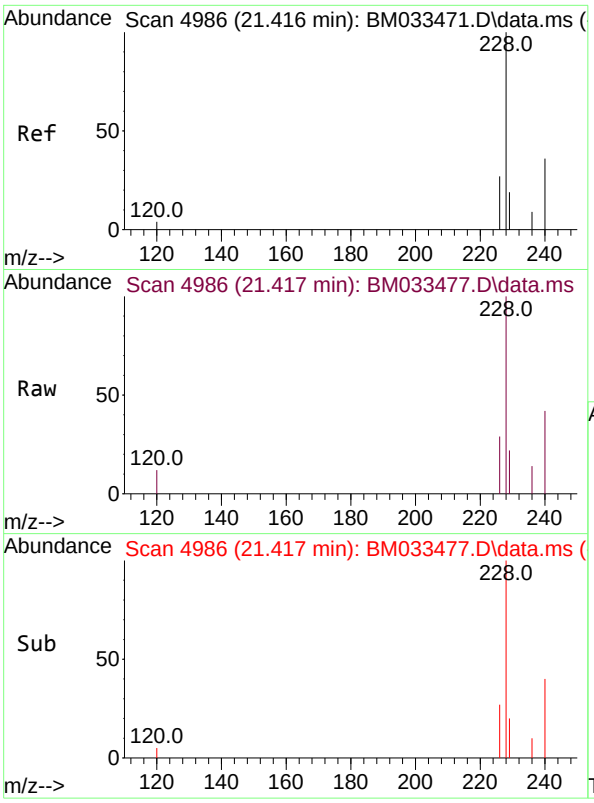


#20
Pyrene
Concen: 0.482 ng/ul
RT: 19.674 min Scan# 4391
Delta R.T. -0.011 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:202 Resp: 3699

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.3	13.9#
100	13.8	7.8	11.6#



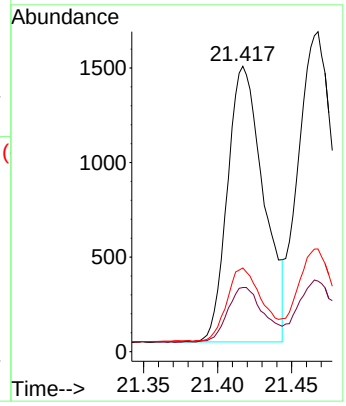


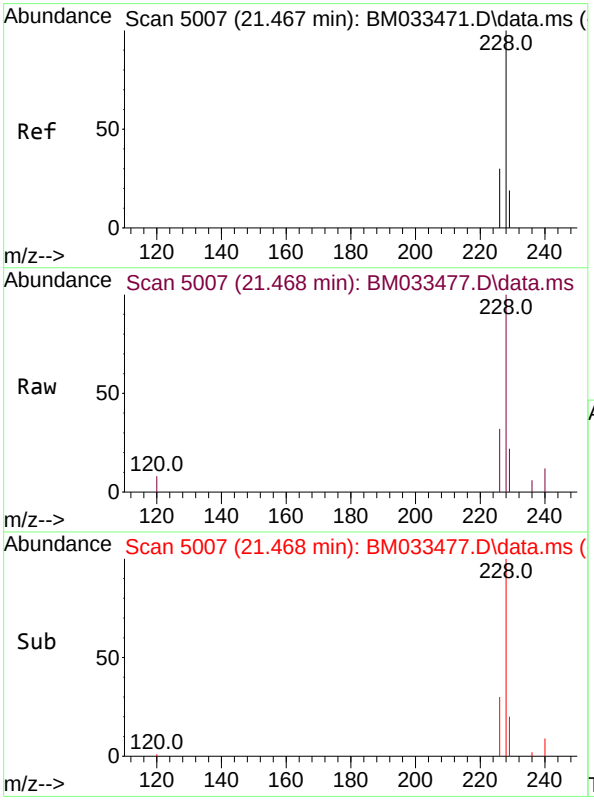
#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.417 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:228 Resp: 2479

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.3	25.9
226	29.3	23.2	34.8

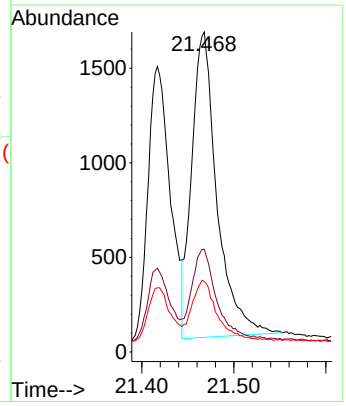


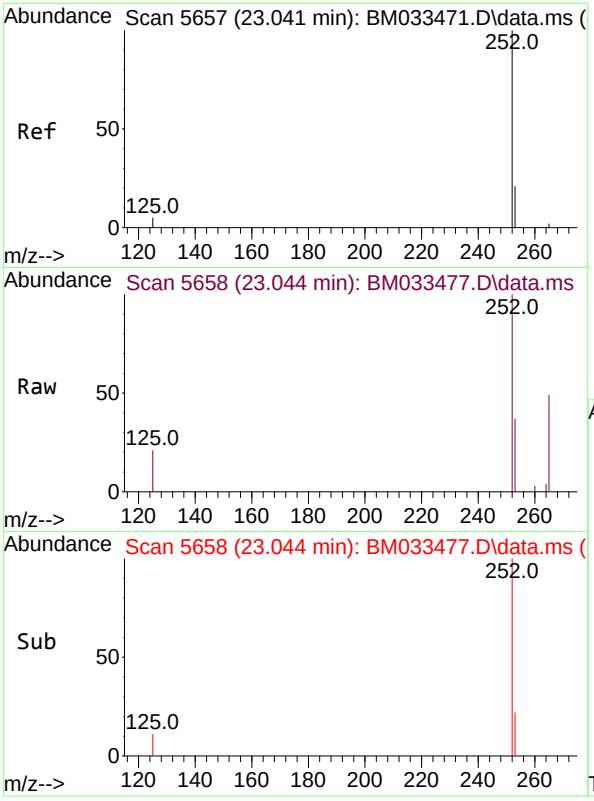


#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.468 min Scan# 5007
Delta R.T. -0.004 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:228 Resp: 3078

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.8
229	22.0	16.7	25.1



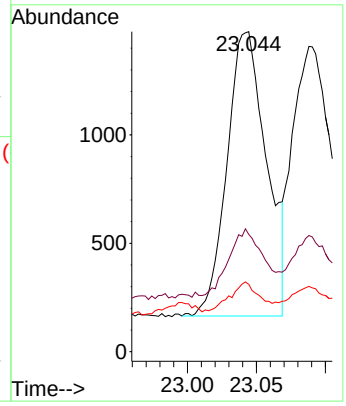


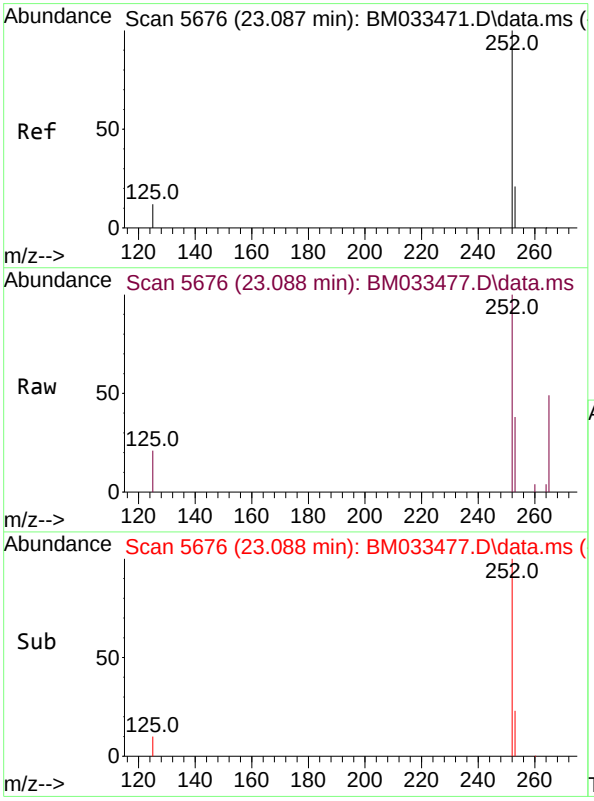
#24
Benzo(b)fluoranthene
Concen: 0.454 ng/ul
RT: 23.044 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:252 Resp: 2604

Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	64.2
125	21.1	0.0	28.8

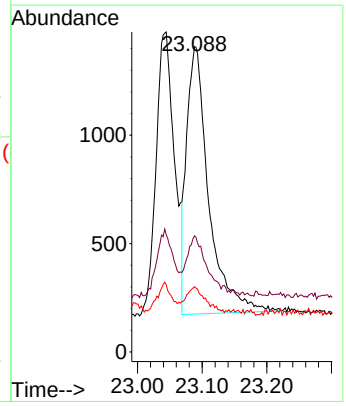


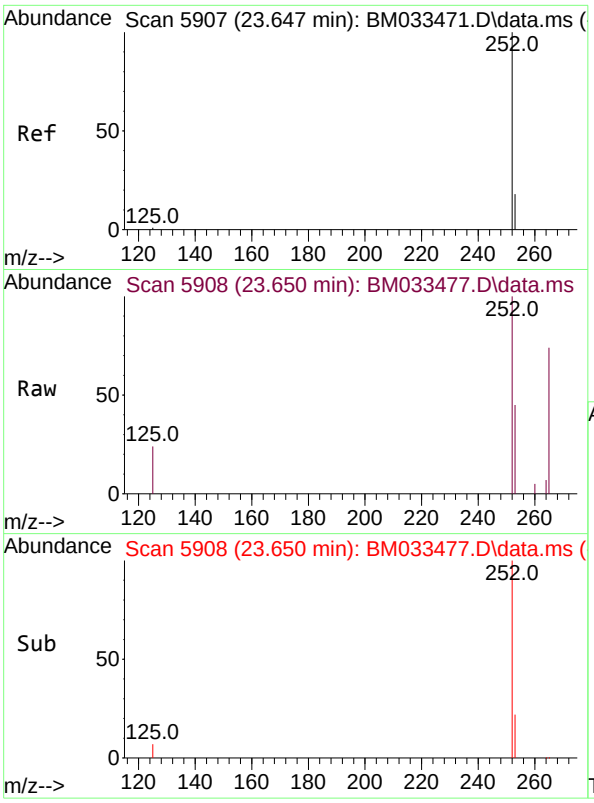


#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 23.088 min Scan# 5676
Delta R.T. -0.007 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:252 Resp: 2921

Ion	Ratio	Lower	Upper
252	100		
253	38.1	26.8	40.2
125	21.4	12.0	18.0#



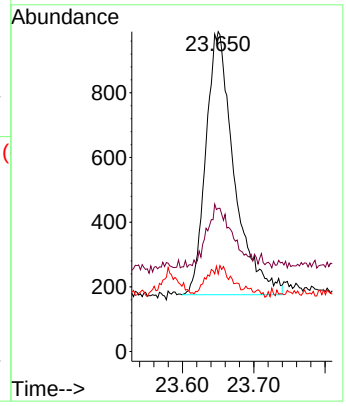


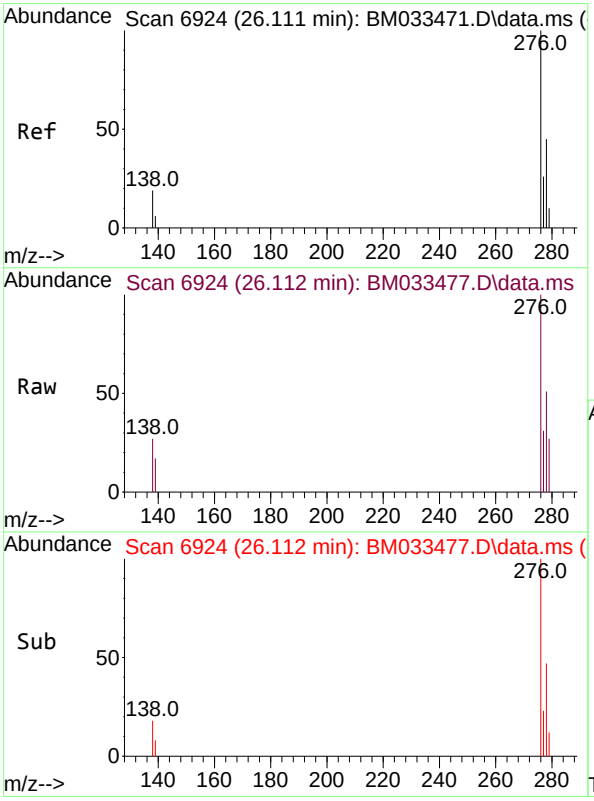
#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.650 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:252 Resp: 2233

Ion	Ratio	Lower	Upper
252	100		
253	44.8	32.0	48.0
125	24.3	14.5	21.7#

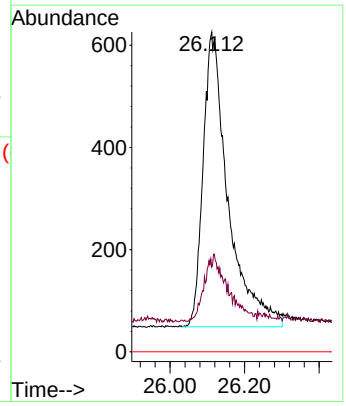


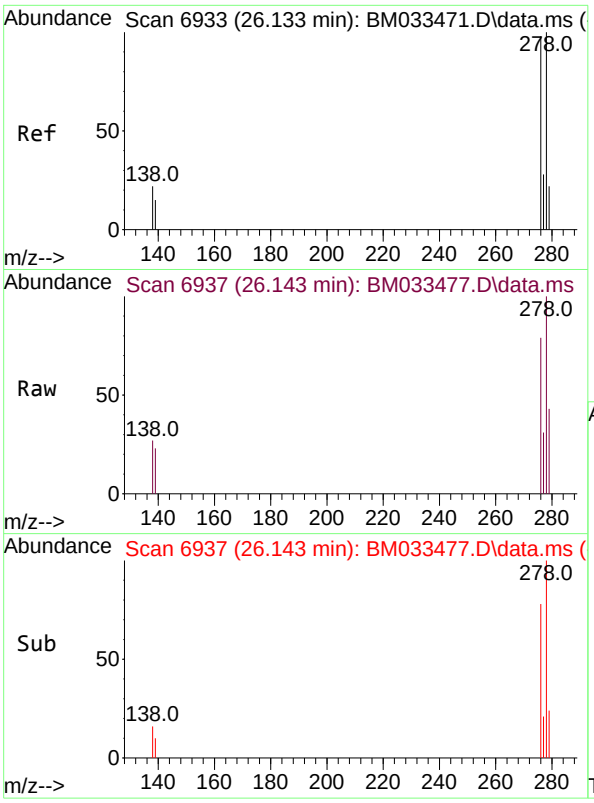


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.112 min Scan# 6924
Delta R.T. -0.009 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:276 Resp: 2689

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.8	23.6
227	0.0	0.0	0.0



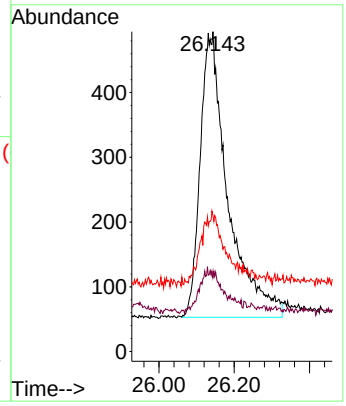


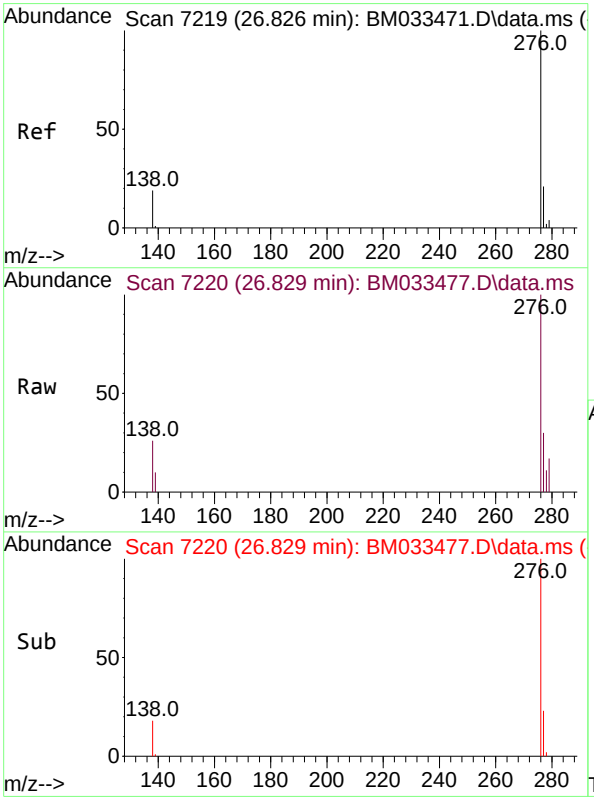
#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 26.143 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Instrument :
BNA_M
ClientSampleId :
SLCS312

Tgt Ion:278 Resp: 2246

Ion	Ratio	Lower	Upper
278	100		
139	23.1	18.0	27.0
279	42.5	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 26.829 min Scan# 7220
Delta R.T. -0.012 min
Lab File: BM033477.D
Acq: 15 Dec 2021 13:57

Tgt Ion:276 Resp: 2437

Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.4	26.0#
277	30.0	22.6	33.8