Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033469.D
Acq On : 15 Dec 2021 09:09
Operator : CG/JU
Sample : PB141279BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS279

Quant Time: Dec 16 02:32:50 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	7.904	152	578	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	1435	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	940	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2258	0.400	ng/ul	-0.02
17) Chrysene-d12	21.426	240	2786	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	2297	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	388	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.290	152	833	0.459	ng/ul	-0.01
18) Fluoranthene-d10	19.284	212	3130	0.516	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	1264	2.065	ng/ul#	82
5) Naphthalene	10.747	128	1979	0.377	ng/ul	99
7) 2-Methylnaphthalene	12.361	142	1218	0.407	ng/ul	92
8) 1-Methylnaphthalene	12.573	142	1235	0.400	ng/ul	96
10) Acenaphthylene	14.246	152	2025	0.385	ng/ul	97
11) Acenaphthene	14.583	153	1619	0.392	ng/ul	98
12) Fluorene	15.577	166	1792	0.406	ng/ul	99
14) Pentachlorophenol	16.927	266	454	0.560	ng/ul	98
15) Phenanthrene	17.305	178	2819	0.382	ng/ul	98
16) Anthracene	17.406	178	2527	0.388	ng/ul	100
19) Fluoranthene	19.311	202	3627	0.495	ng/ul#	94
20) Pyrene	19.673	202	3766	0.466	ng/ul#	90
21) Benzo(a)anthracene	21.414	228	2803	0.452	ng/ul	99
22) Chrysene	21.465	228	3421	0.442	ng/ul	97
24) Benzo(b)fluoranthene	23.037	252	2960	0.485	ng/ul	96
25) Benzo(k)fluoranthene	23.085	252	3355	0.479	ng/ul	98
26) Benzo(a)pyrene	23.640	252	2539	0.432	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.109	276	3120	0.475	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.131	278	2599	0.478	ng/ul	97
29) Benzo(g,h,i)perylene	26.823	276	2780	0.470	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033469.D
Acq On : 15 Dec 2021 09:09
Operator : CG/JU
Sample : PB141279BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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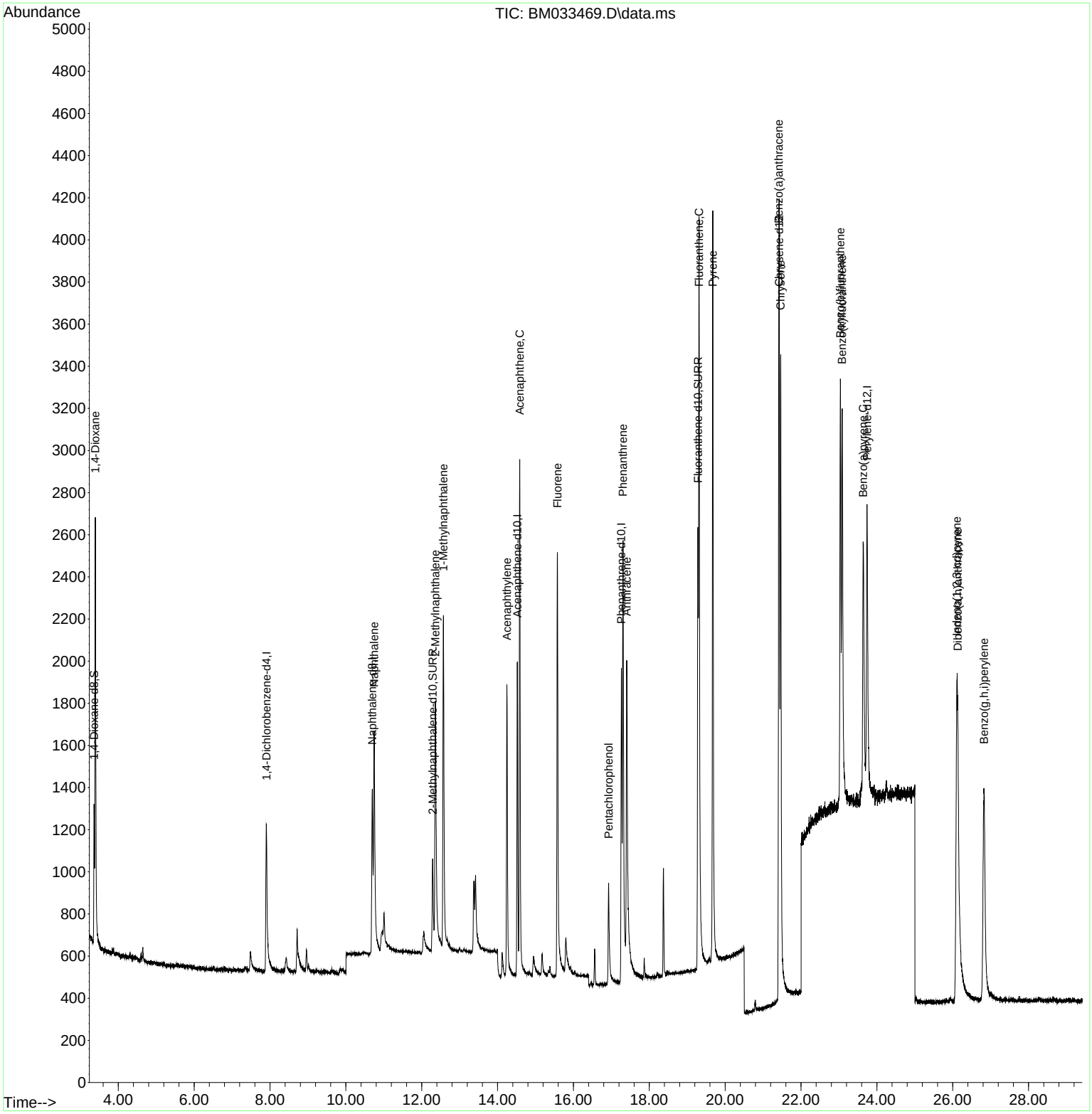
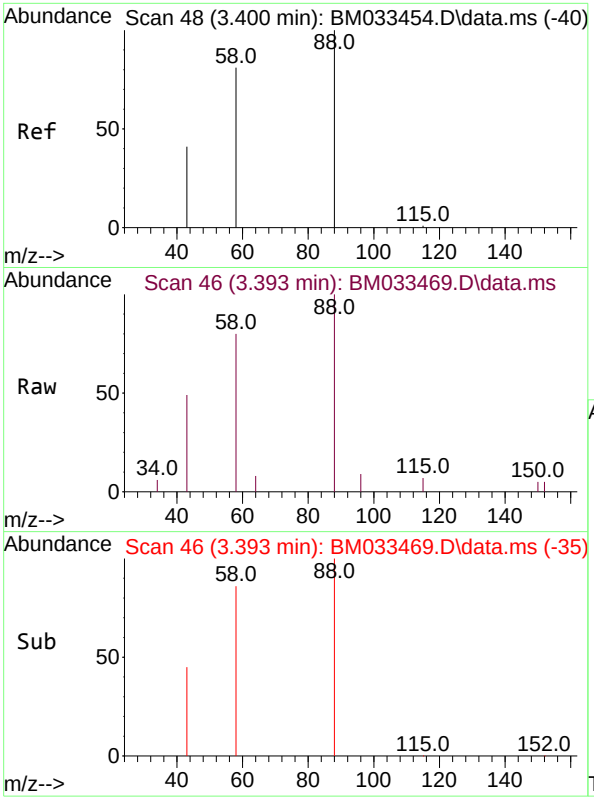
Quant Time: Dec 16 02:32:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration



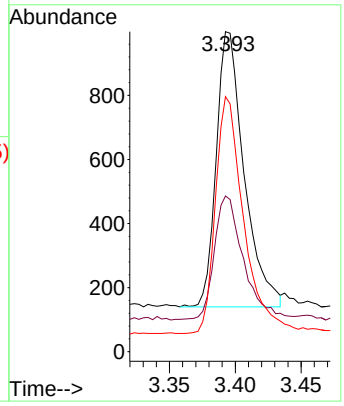


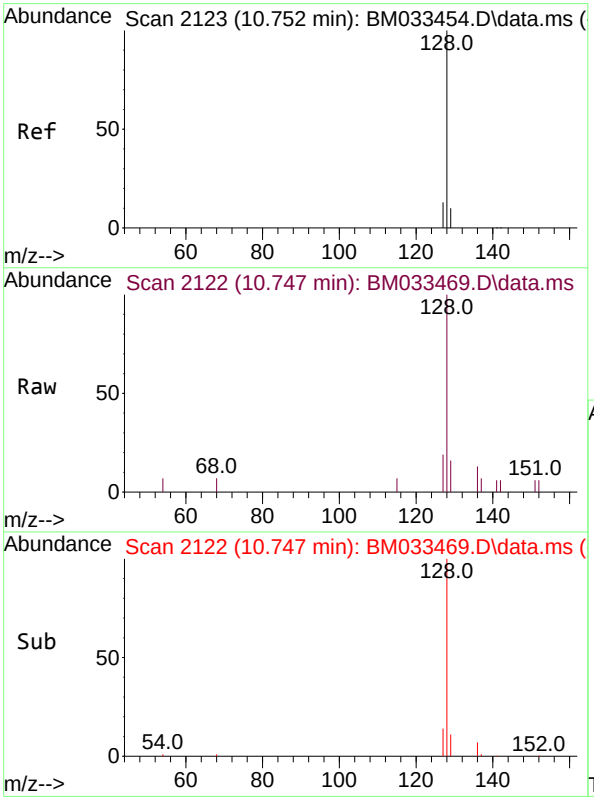
#2
1,4-Dioxane
Concen: 2.065 ng/ul
RT: 3.393 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion: 88 Resp: 1264

Ion	Ratio	Lower	Upper
88	100		
43	48.6	49.7	74.5#
58	79.7	52.5	78.7#

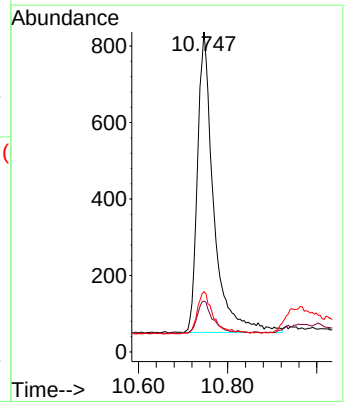


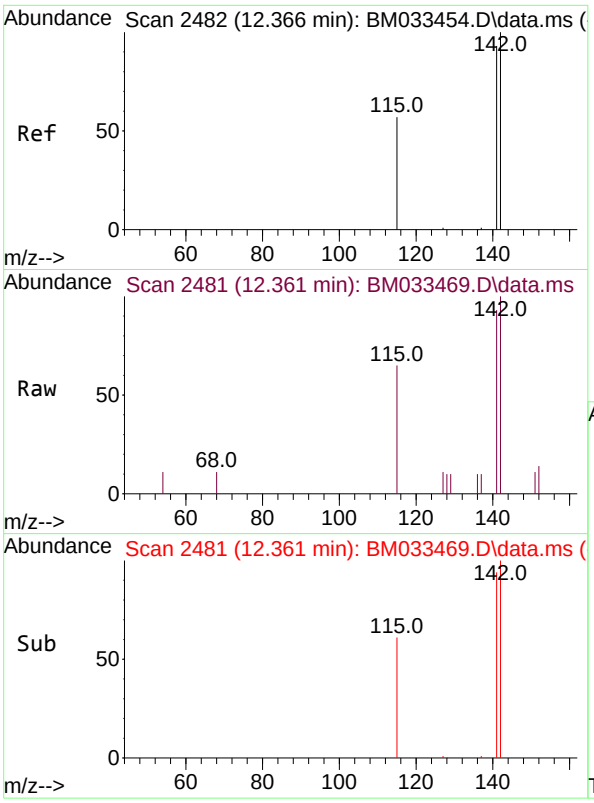


#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.747 min Scan# 2122
Delta R.T. -0.009 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:128 Resp: 1979

Ion	Ratio	Lower	Upper
128	100		
129	15.9	13.4	20.2
127	18.9	15.2	22.8



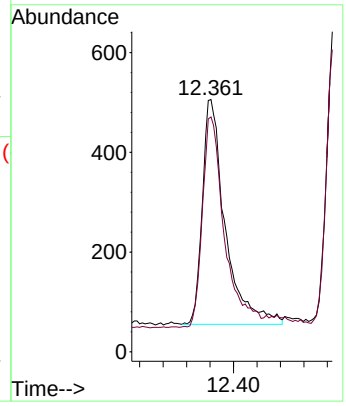


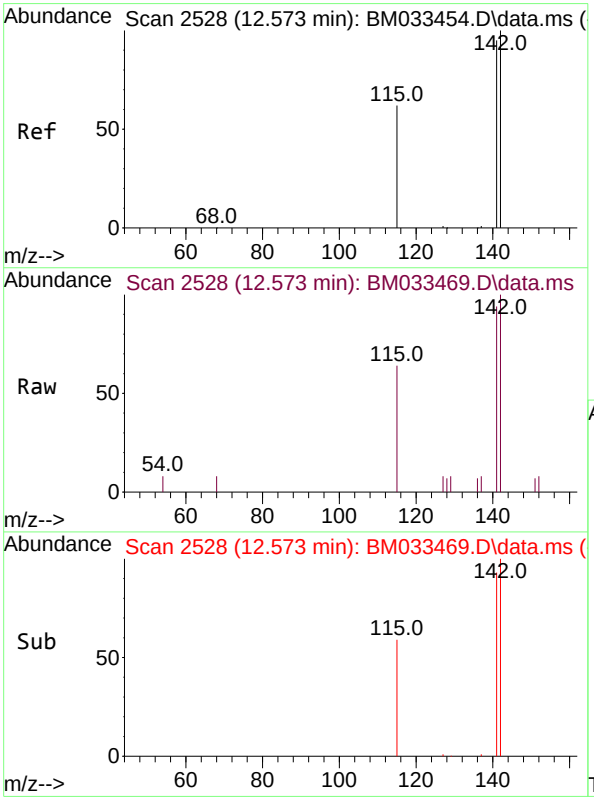
#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.361 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:142 Resp: 1218

Ion	Ratio	Lower	Upper
142	100		
141	97.4	71.8	107.6

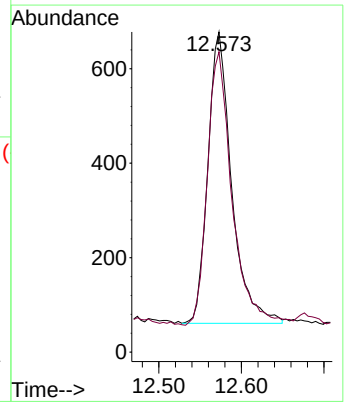


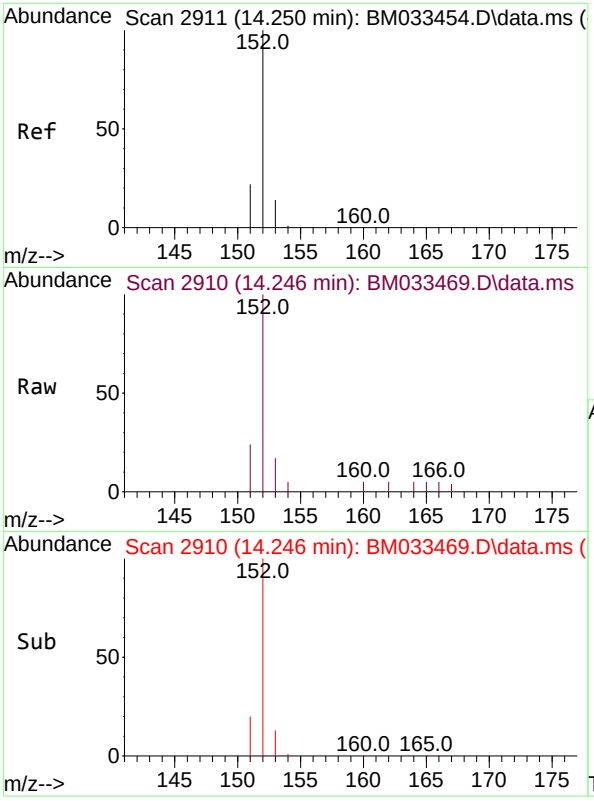


#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.573 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:142 Resp: 1235

Ion	Ratio	Lower	Upper
142	100		
141	97.8	75.0	112.4



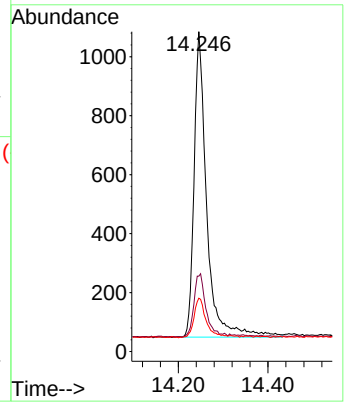


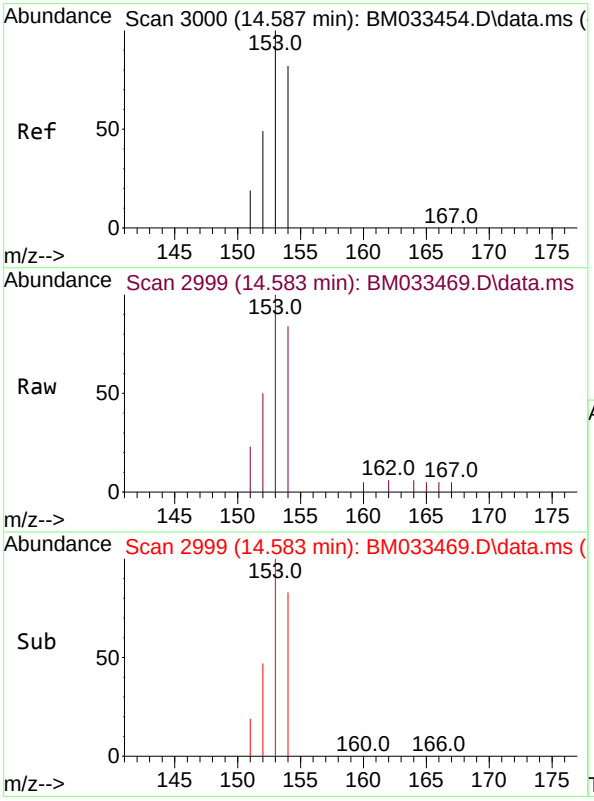
#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.246 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:152 Resp: 2025

Ion	Ratio	Lower	Upper
152	100		
151	23.6	19.9	29.9
153	16.7	15.0	22.4

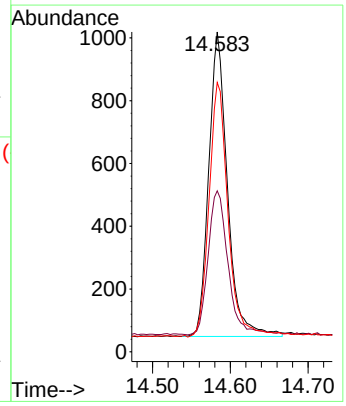


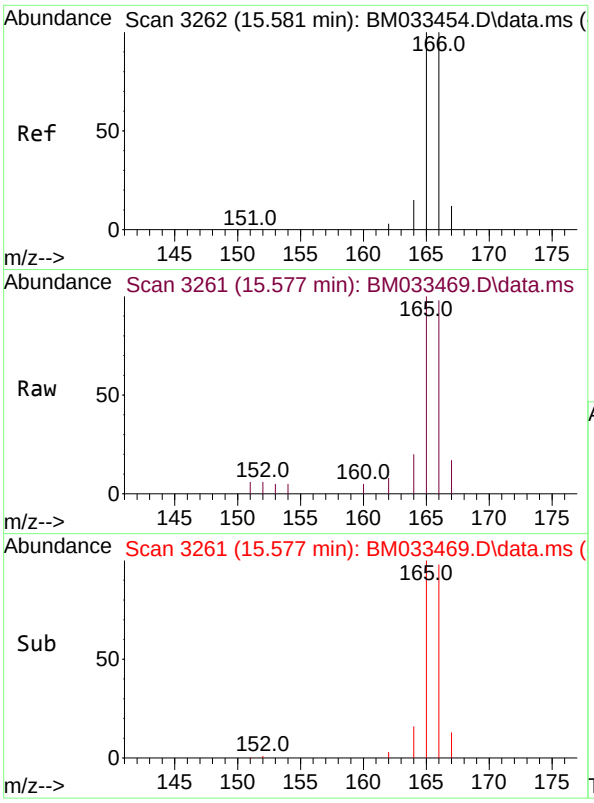


#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.583 min Scan# 2999
Delta R.T. -0.008 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:153 Resp: 1619

Ion	Ratio	Lower	Upper
153	100		
152	50.3	42.4	63.6
154	84.2	66.2	99.2



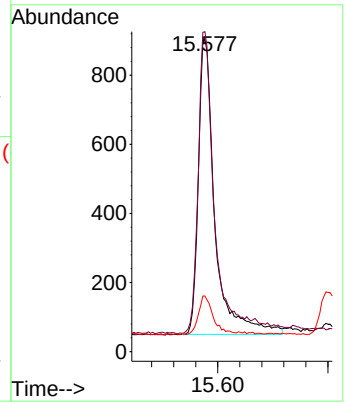


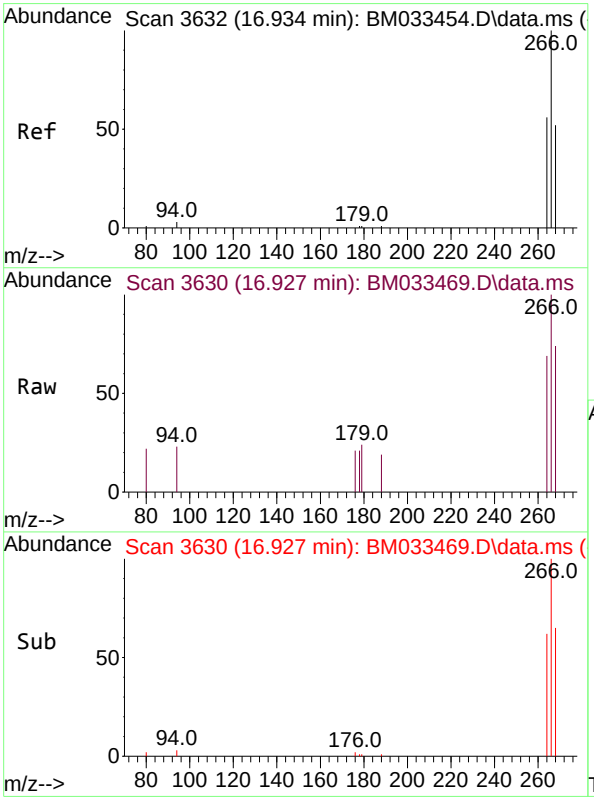
#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.577 min Scan# 3
Delta R.T. -0.015 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:166 Resp: 1792

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.1	121.7
167	17.8	14.9	22.3

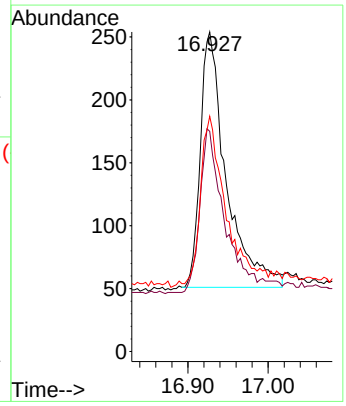


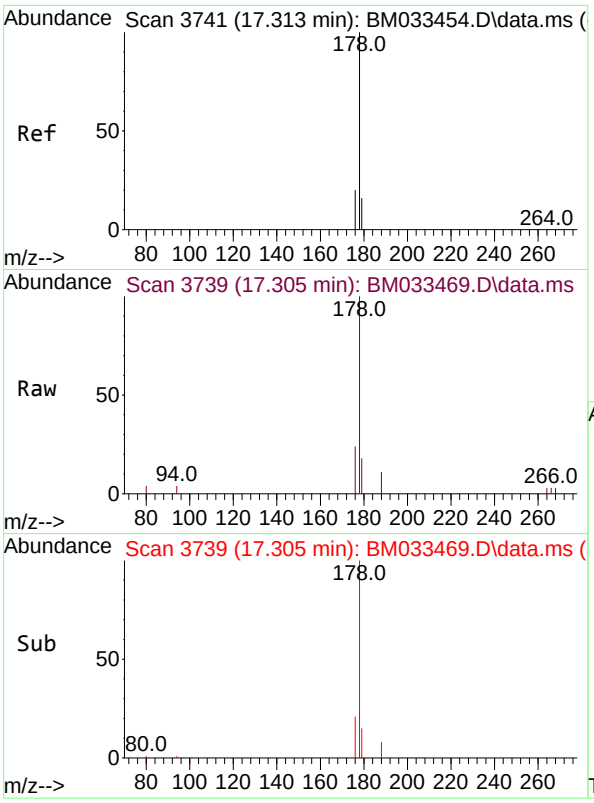


#14
Pentachlorophenol
Concen: 0.560 ng/ul
RT: 16.927 min Scan# 3630
Delta R.T. -0.021 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:266 Resp: 454

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.4	77.0
268	64.3	53.1	79.7



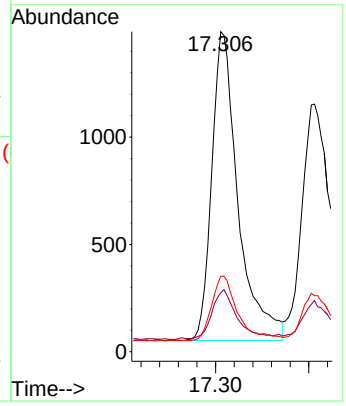


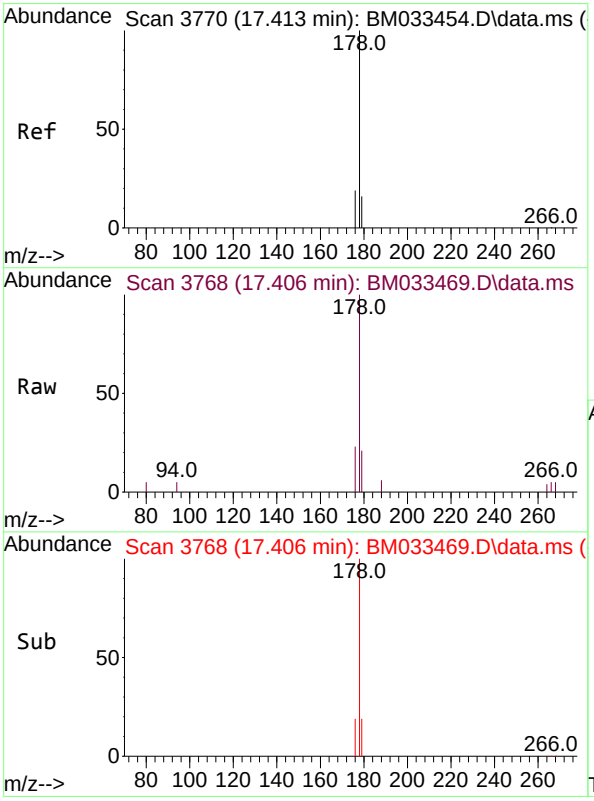
#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.305 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:178 Resp: 2819

Ion	Ratio	Lower	Upper
178	100		
179	18.4	15.0	22.6
176	23.6	17.9	26.9

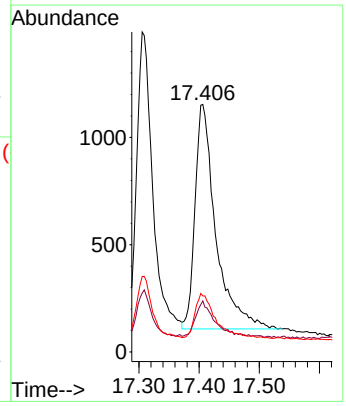


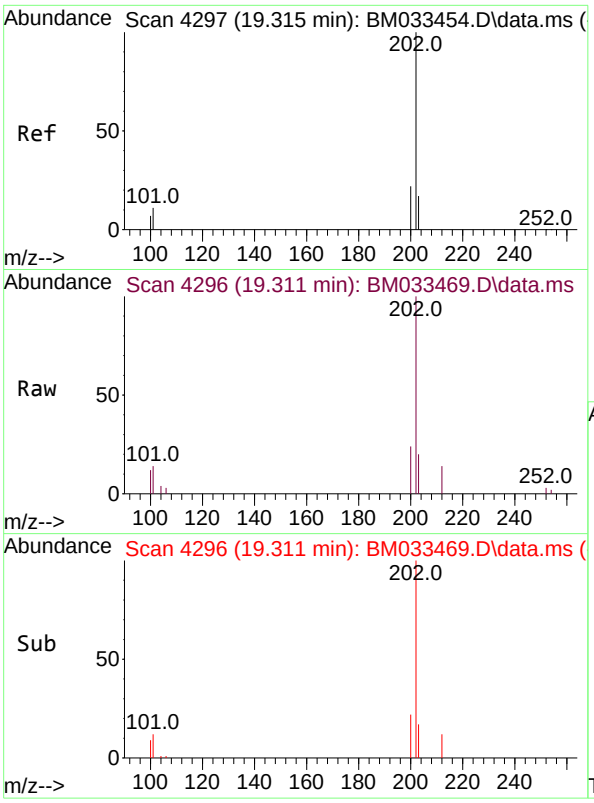


#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.406 min Scan# 3768
Delta R.T. -0.017 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:178 Resp: 2527

Ion	Ratio	Lower	Upper
178	100		
179	20.6	16.5	24.7
176	22.6	18.3	27.5



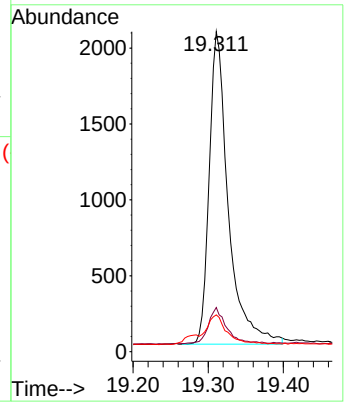


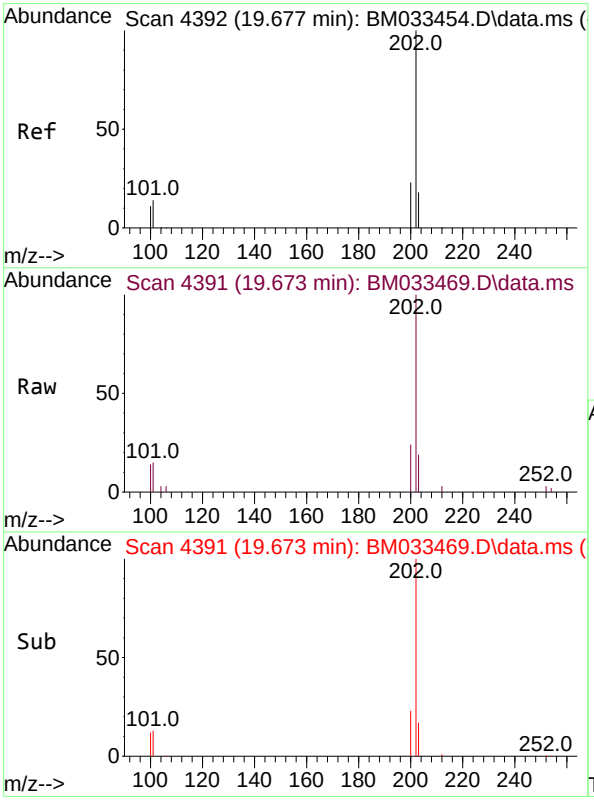
#19
Fluoranthene
Concen: 0.495 ng/ul
RT: 19.311 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:202 Resp: 3627

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.2	13.8#
100	11.5	7.2	10.8#

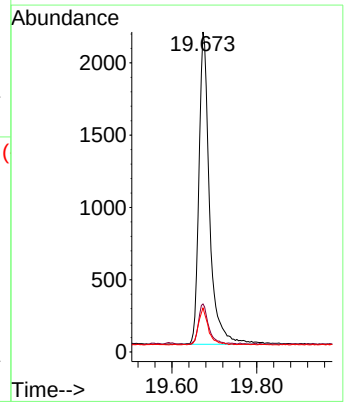


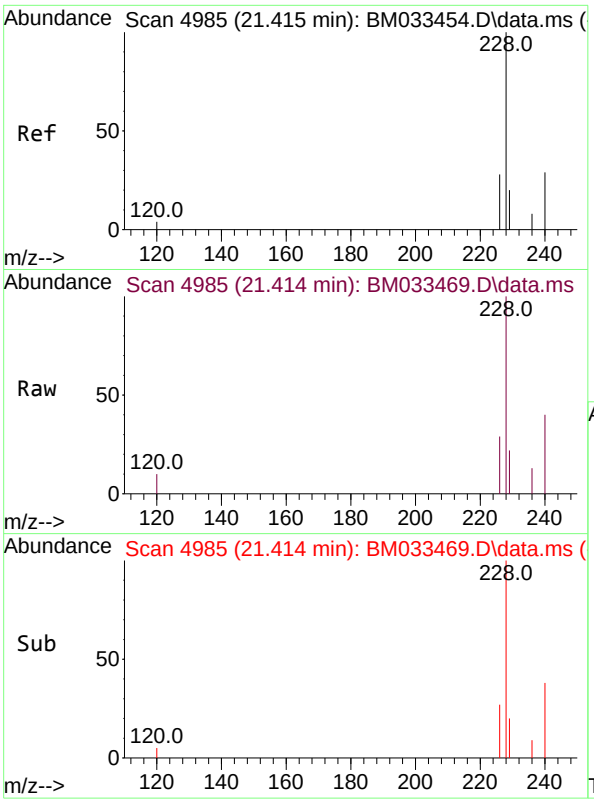


#20
Pyrene
Concen: 0.466 ng/ul
RT: 19.673 min Scan# 4391
Delta R.T. -0.011 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:202 Resp: 3766

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.3	13.9#
100	13.8	7.8	11.6#



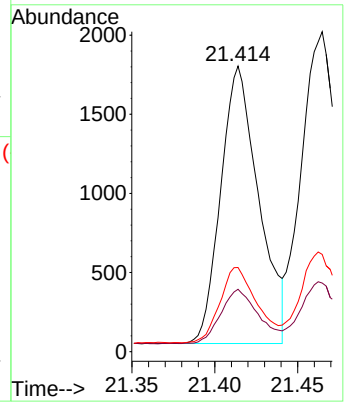


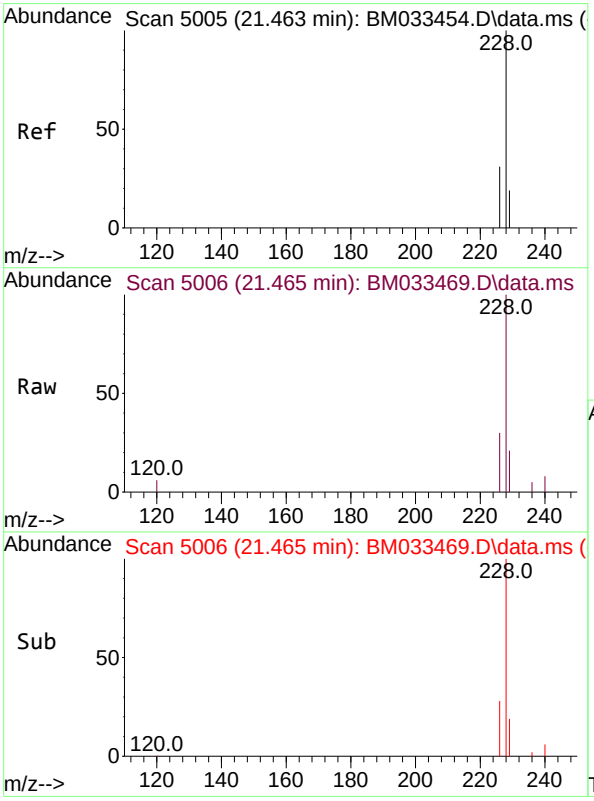
#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.414 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:228 Resp: 2803

Ion	Ratio	Lower	Upper
228	100		
229	21.8	17.3	25.9
226	29.5	23.2	34.8

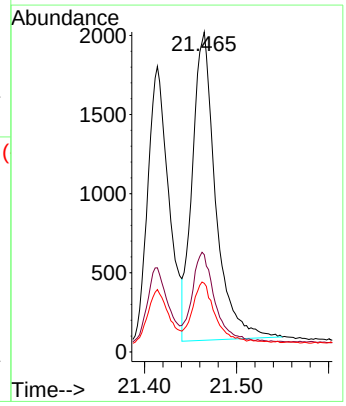


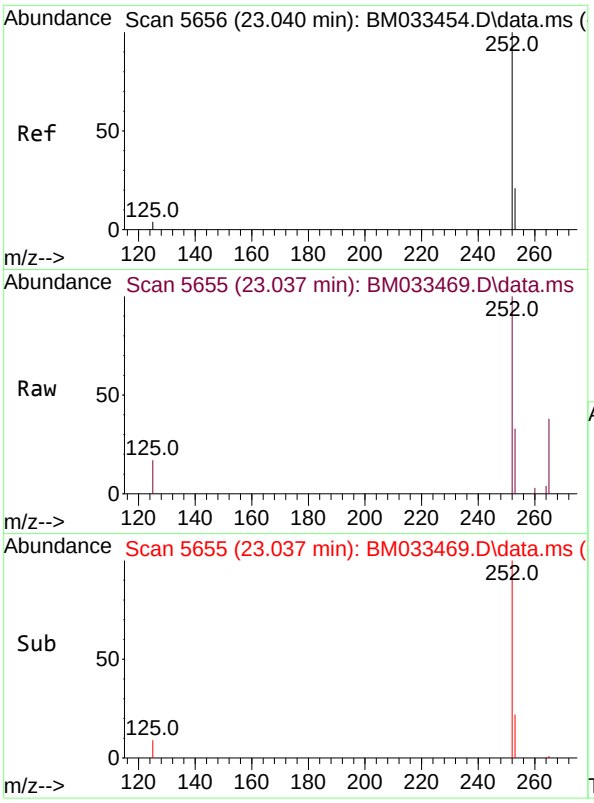


#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.007 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:228 Resp: 3421

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.8	38.8
229	21.4	16.7	25.1



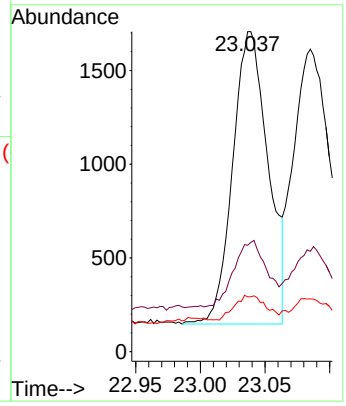


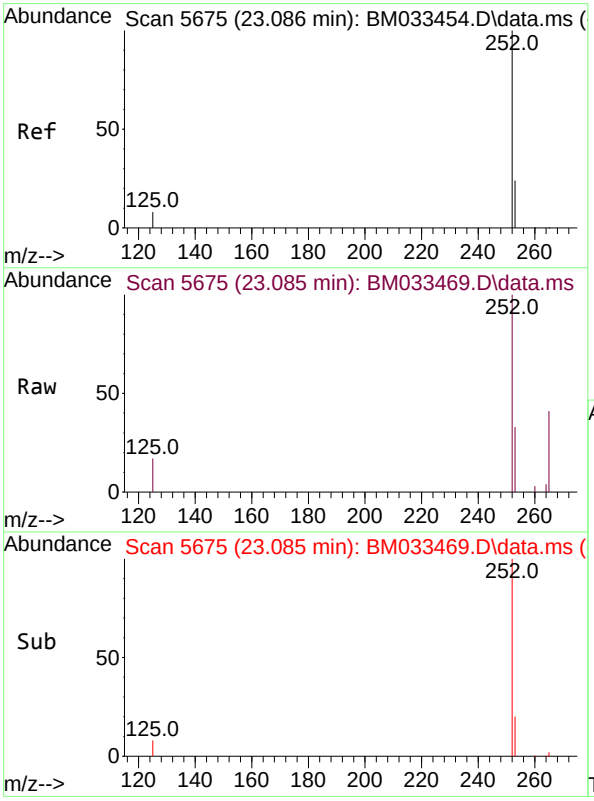
#24
Benzo(b)fluoranthene
Concen: 0.485 ng/ul
RT: 23.037 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:252 Resp: 2960

Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	64.2
125	17.2	0.0	28.8

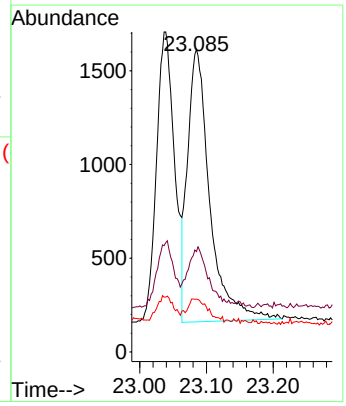


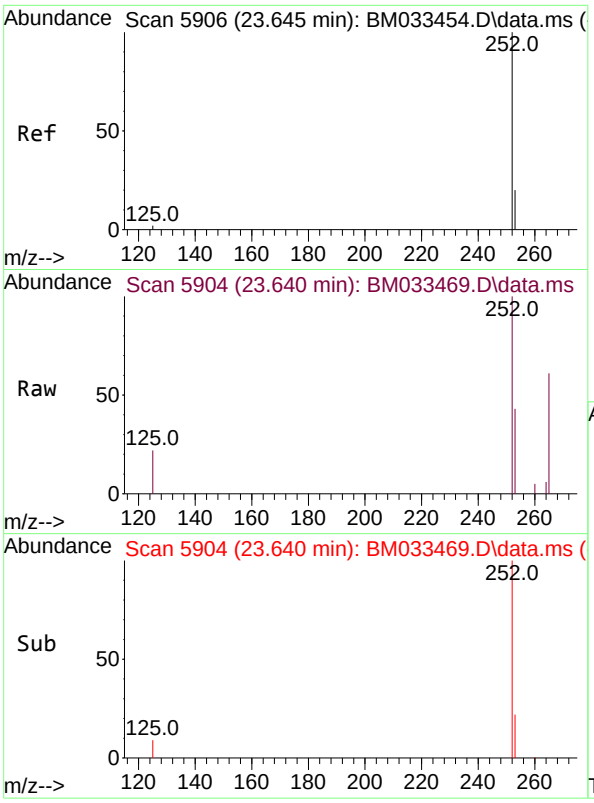


#25
Benzo(k)fluoranthene
Concen: 0.479 ng/ul
RT: 23.085 min Scan# 5675
Delta R.T. -0.010 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:252 Resp: 3355

Ion	Ratio	Lower	Upper
252	100		
253	33.1	26.8	40.2
125	17.5	12.0	18.0



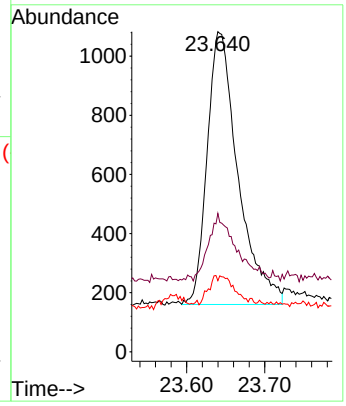


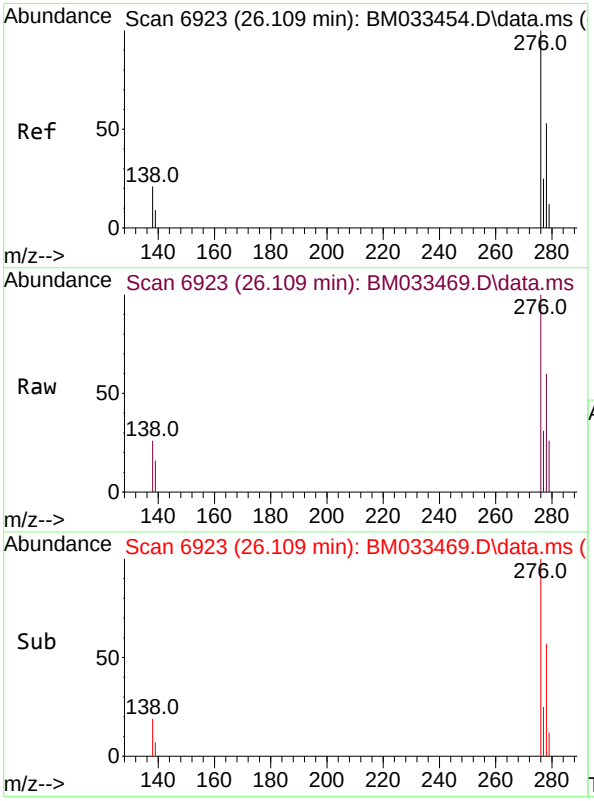
#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.640 min Scan# 5
Delta R.T. -0.015 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:252 Resp: 2539

Ion	Ratio	Lower	Upper
252	100		
253	43.2	32.0	48.0
125	22.3	14.5	21.7#

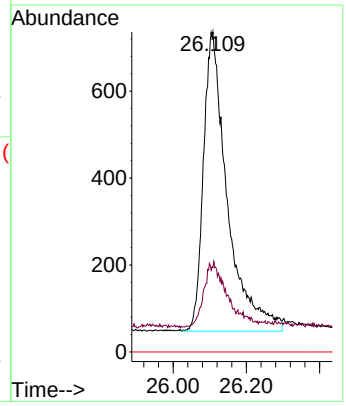


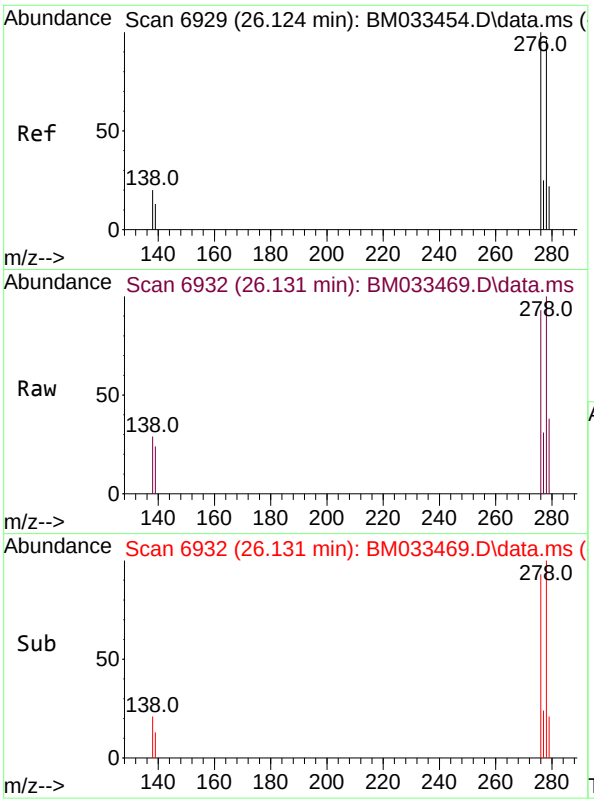


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 26.109 min Scan# 6923
Delta R.T. -0.012 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:276 Resp: 3120

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.8	23.6
227	0.0	0.0	0.0



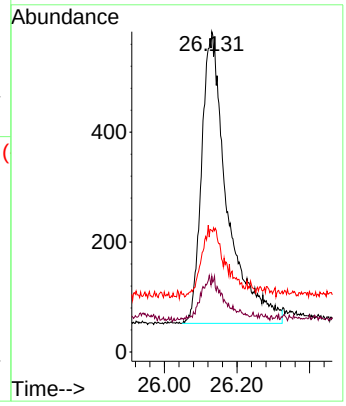


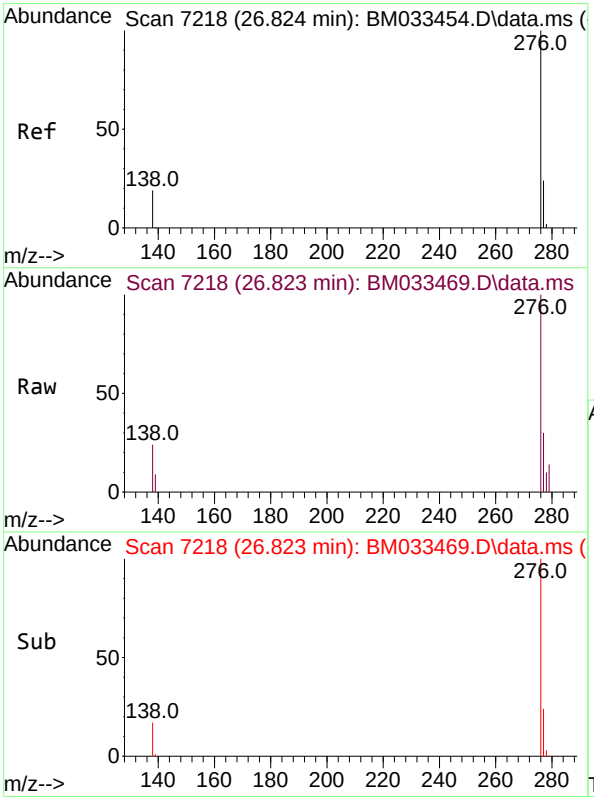
#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 26.131 min Scan# 6
Delta R.T. -0.017 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS279

Tgt Ion:278 Resp: 2599

Ion	Ratio	Lower	Upper
278	100		
139	23.7	18.0	27.0
279	37.9	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.470 ng/ul
RT: 26.823 min Scan# 7218
Delta R.T. -0.017 min
Lab File: BM033469.D
Acq: 15 Dec 2021 09:09

Tgt Ion:276 Resp: 2780

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.4	26.0
277	29.8	22.6	33.8