Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033608.D
Acq On : 23 Dec 2021 11:24
Operator : CG/JU
Sample : PB141491BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS491

Quant Time: Dec 24 22:52:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	237	0.400	ng/ul	0.02
4) Naphthalene-d8	10.738	136	822	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.564	164	480	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	989	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.489	240	1265	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	1357	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	267	1.320	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	487	0.443	ng/ul	0.02
18) Fluoranthene-d10	19.337	212	1490	0.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	779	2.973	ng/ul	85
5) Naphthalene	10.787	128	1163	0.428	ng/ul#	87
7) 2-Methylnaphthalene	12.415	142	704	0.380	ng/ul	91
8) 1-Methylnaphthalene	12.618	142	700	0.405	ng/ul	98
10) Acenaphthylene	14.287	152	1149	0.447	ng/ul	96
11) Acenaphthene	14.625	153	889	0.453	ng/ul	97
12) Fluorene	15.626	166	949	0.437	ng/ul	97
14) Pentachlorophenol	16.983	266	380	0.767	ng/ul	98
15) Phenanthrene	17.364	178	1467	0.457	ng/ul	93
16) Anthracene	17.458	178	1288	0.428	ng/ul#	89
19) Fluoranthene	19.368	202	1863	0.480	ng/ul#	95
20) Pyrene	19.730	202	1974	0.486	ng/ul#	92
21) Benzo(a)anthracene	21.482	228	1449	0.417	ng/ul	95
22) Chrysene	21.525	228	1840	0.470	ng/ul	96
24) Benzo(b)fluoranthene	23.155	252	1903	0.444	ng/ul	89
25) Benzo(k)fluoranthene	23.201	252	2147	0.477	ng/ul	91
26) Benzo(a)pyrene	23.783	252	1892	0.476	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.370	276	2487	0.452	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.399	278	1975	0.447	ng/ul#	86
29) Benzo(g,h,i)perylene	27.126	276	2300	0.473	ng/ul	94

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

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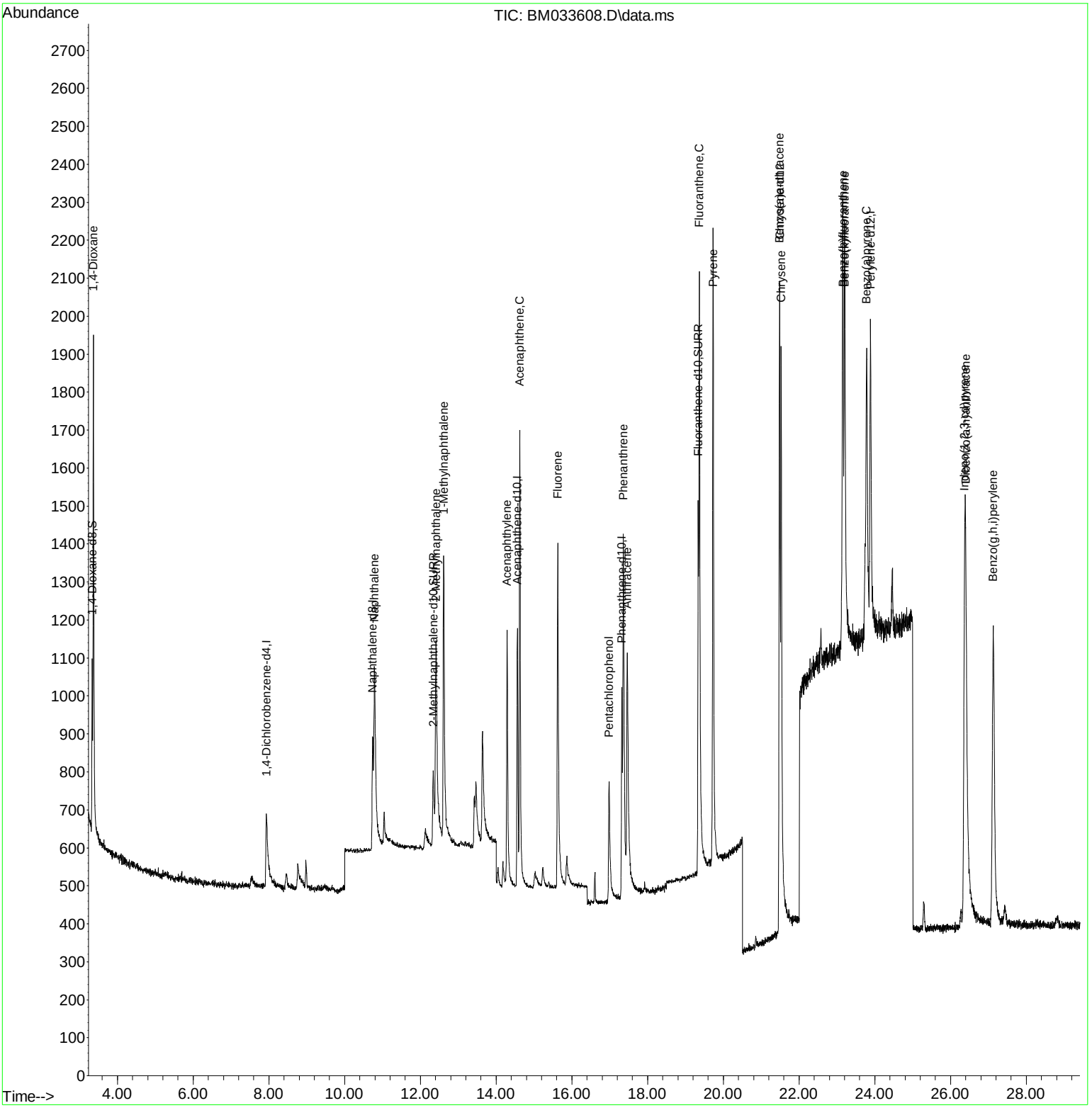
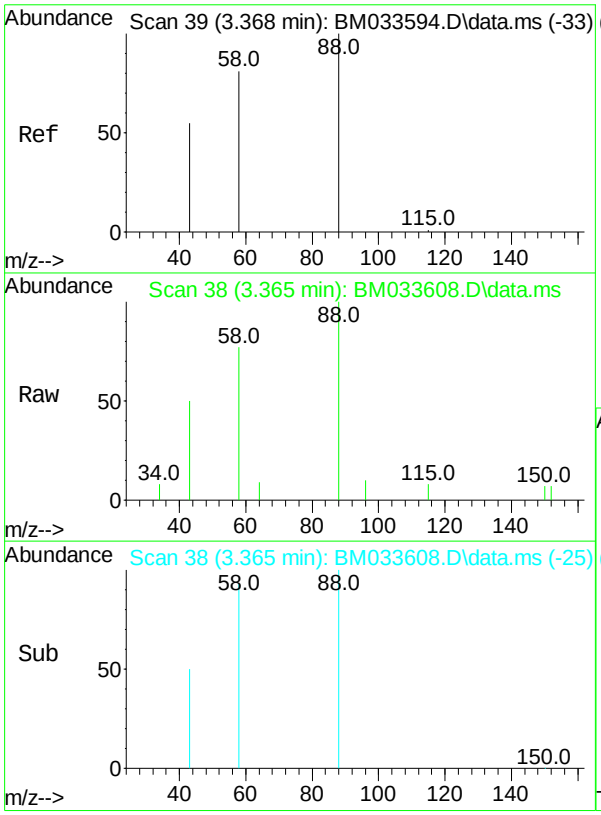


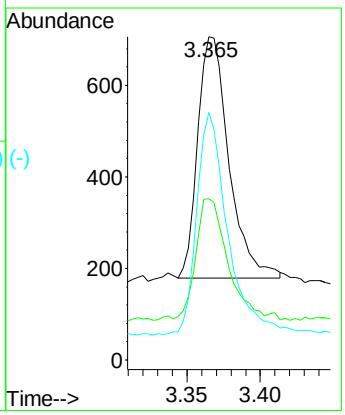


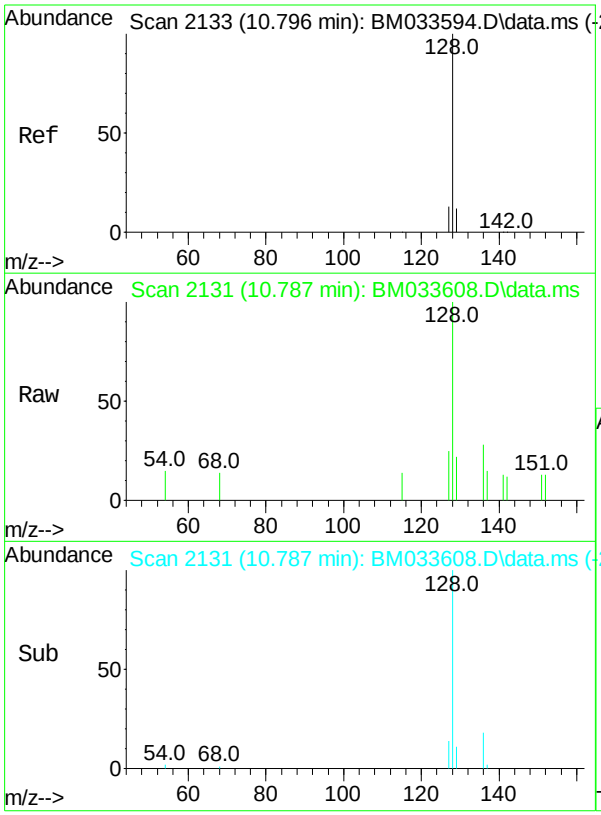
#2
1,4-Dioxane
Concen: 2.973 ng/ul
RT: 3.365 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion: 88 Resp: 779

Ion	Ratio	Lower	Upper
88	100		
43	49.9	49.7	74.5
58	76.6	52.5	78.7

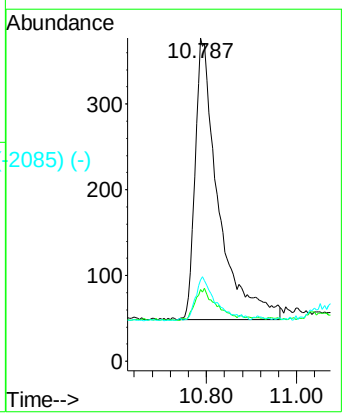


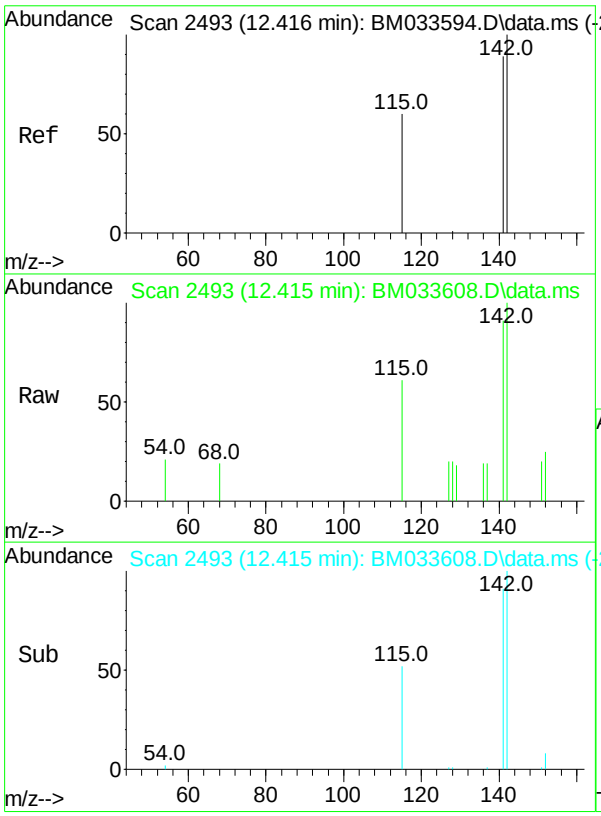


#5
Naphthalene
Concen: 0.428 ng/ul
RT: 10.787 min Scan# 2131
Delta R.T. 0.009 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:128 Resp: 1163

Ion	Ratio	Lower	Upper
128	100		
129	22.3	13.4	20.2#
127	25.2	15.2	22.8#



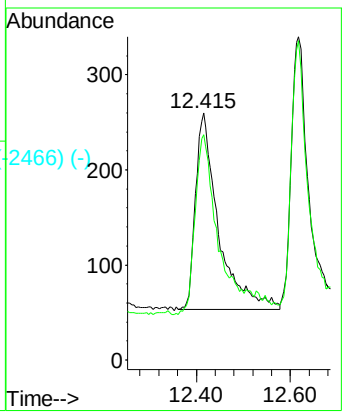


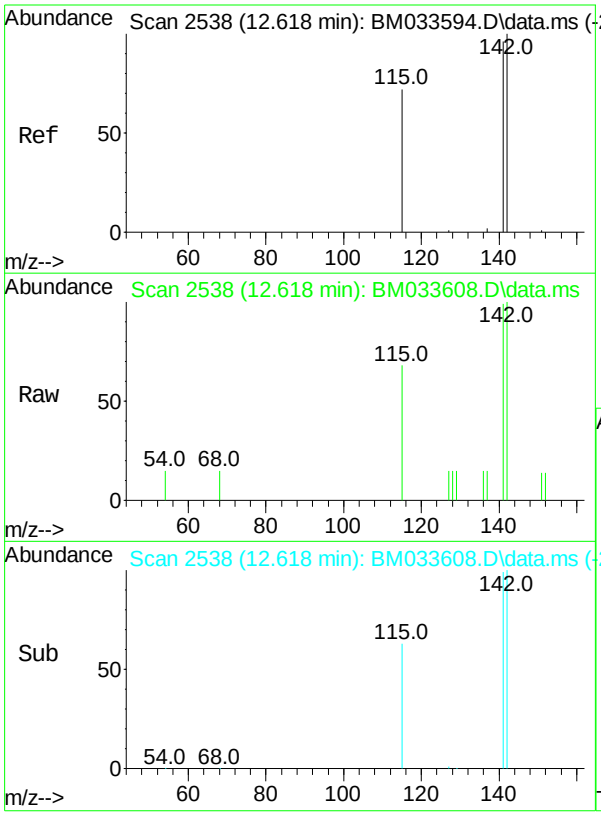
#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.415 min Scan# 2
Delta R.T. 0.022 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:142 Resp: 704

Ion	Ratio	Lower	Upper
142	100		
141	98.0	71.8	107.6

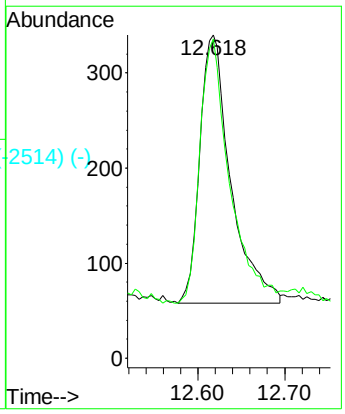


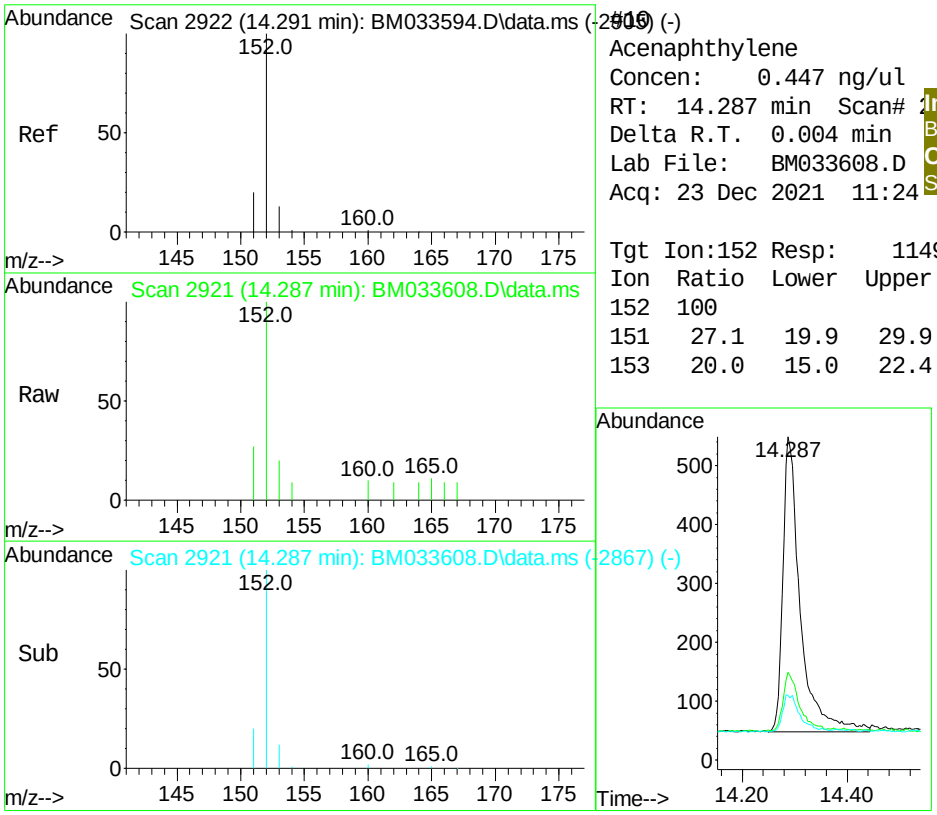


#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.618 min Scan# 2538
Delta R.T. 0.009 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:142 Resp: 700

Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.0	112.4



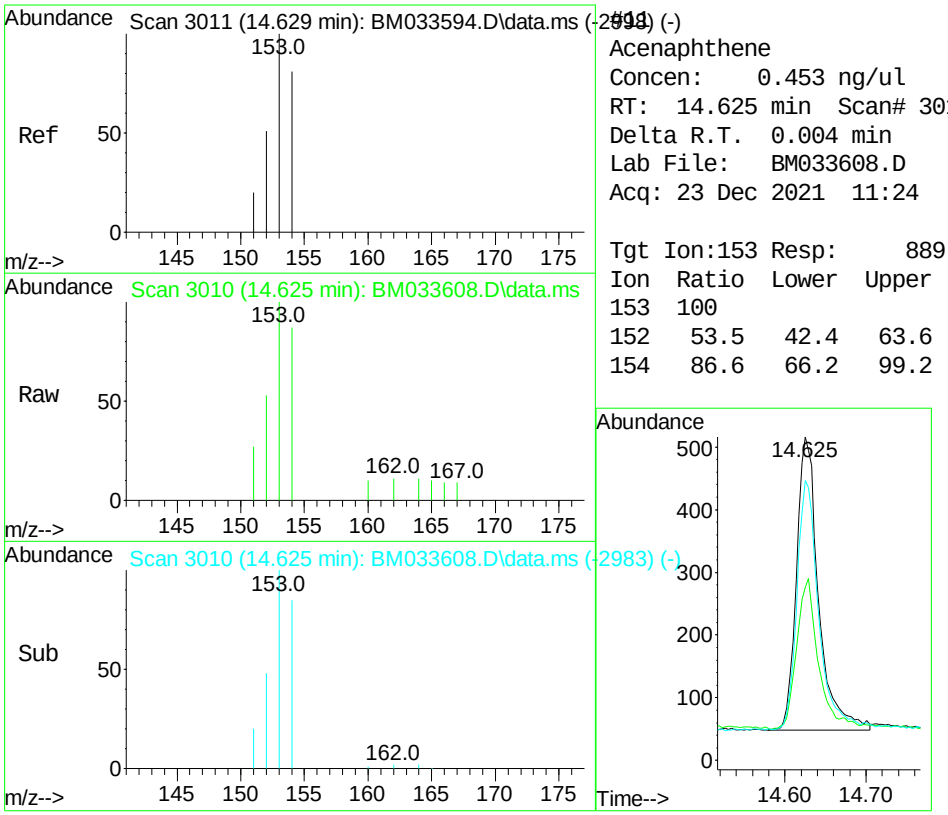


#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.287 min Scan# 2
Delta R.T. 0.004 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:152 Resp: 1149

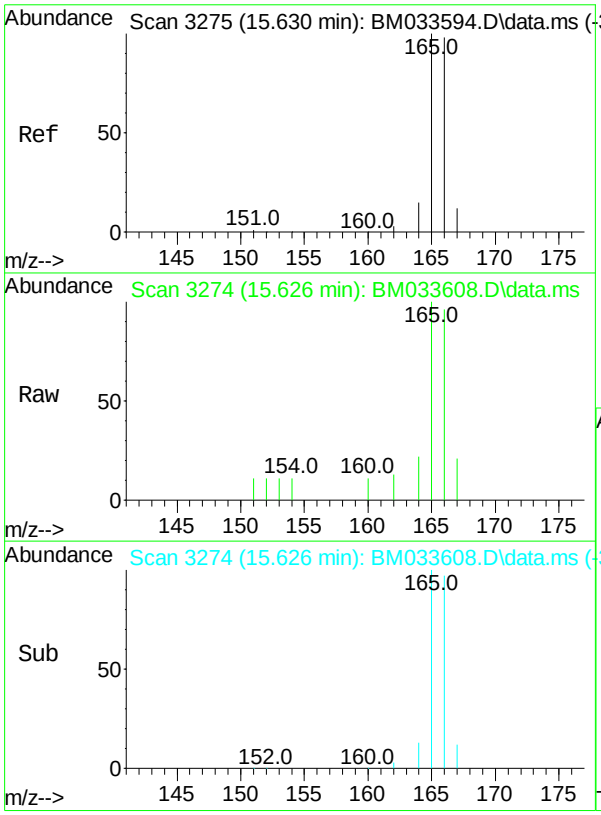
Ion	Ratio	Lower	Upper
152	100		
151	27.1	19.9	29.9
153	20.0	15.0	22.4



#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.625 min Scan# 3010
Delta R.T. 0.004 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:153 Resp: 889

Ion	Ratio	Lower	Upper
153	100		
152	53.5	42.4	63.6
154	86.6	66.2	99.2

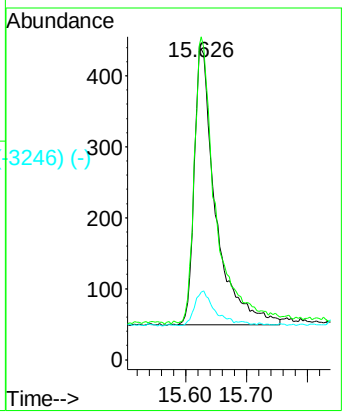


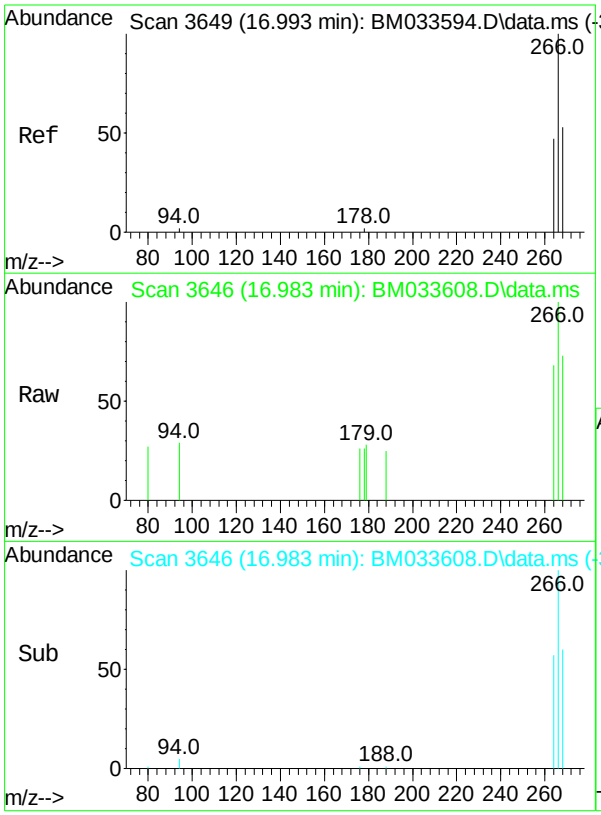
#12
Fluorene
Concen: 0.437 ng/ul
RT: 15.626 min Scan# 1
Delta R.T. 0.007 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:166 Resp: 949

Ion	Ratio	Lower	Upper
166	100		
165	103.9	81.1	121.7
167	21.7	14.9	22.3

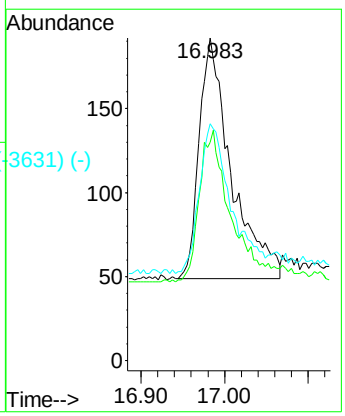


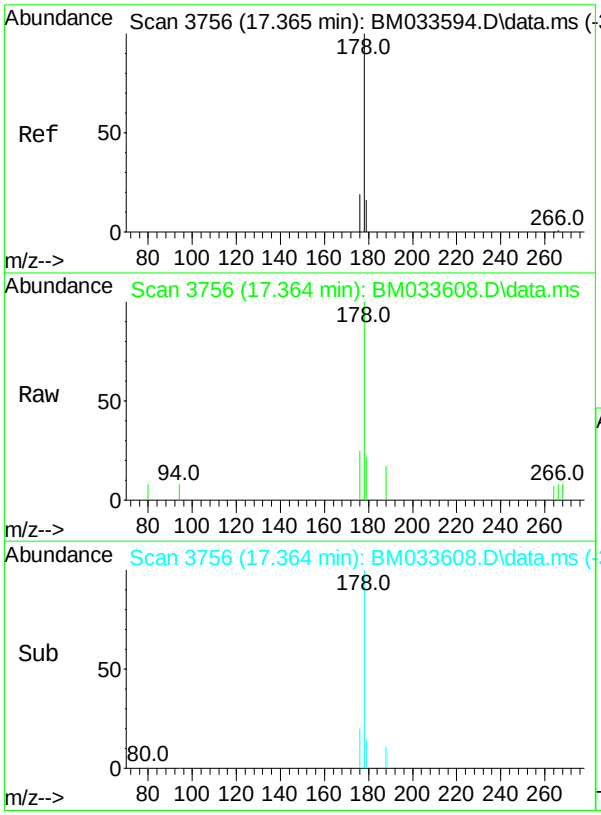


#14
Pentachlorophenol
Concen: 0.767 ng/ul
RT: 16.983 min Scan# 3646
Delta R.T. 0.003 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:266 Resp: 380

Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.4	77.0
268	65.5	53.1	79.7



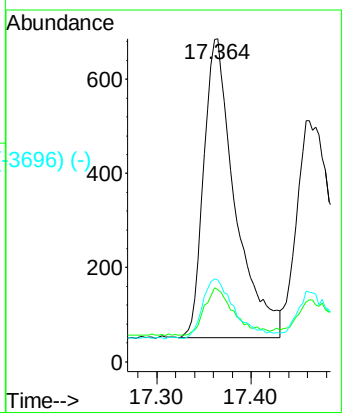


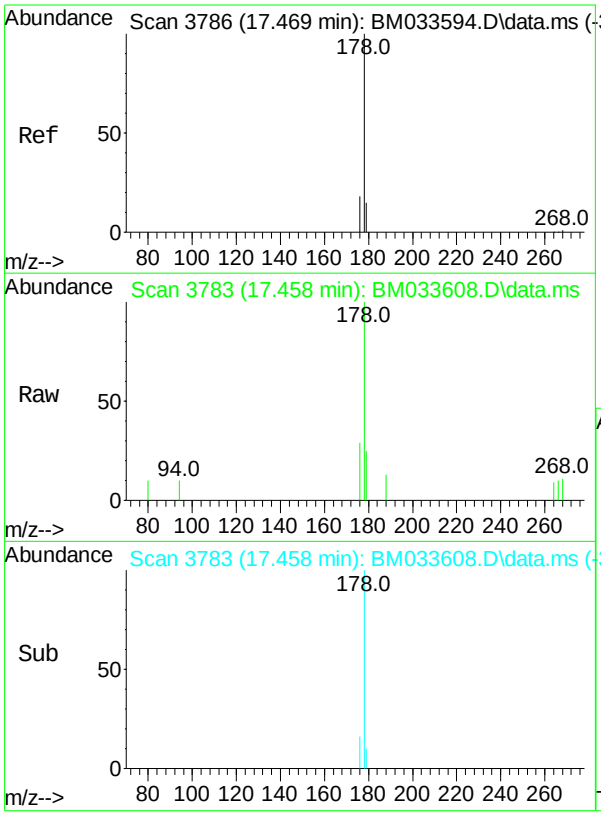
#15
Phenanthrene
Concen: 0.457 ng/ul
RT: 17.364 min Scan# 1
Delta R.T. 0.007 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:178 Resp: 1467

Ion	Ratio	Lower	Upper
178	100		
179	22.3	15.0	22.6
176	25.2	17.9	26.9

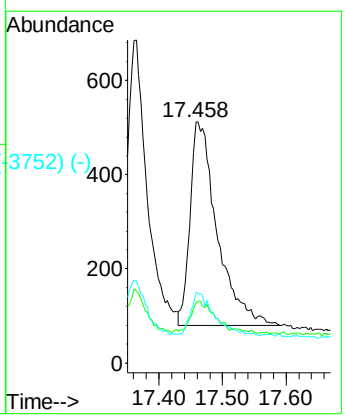


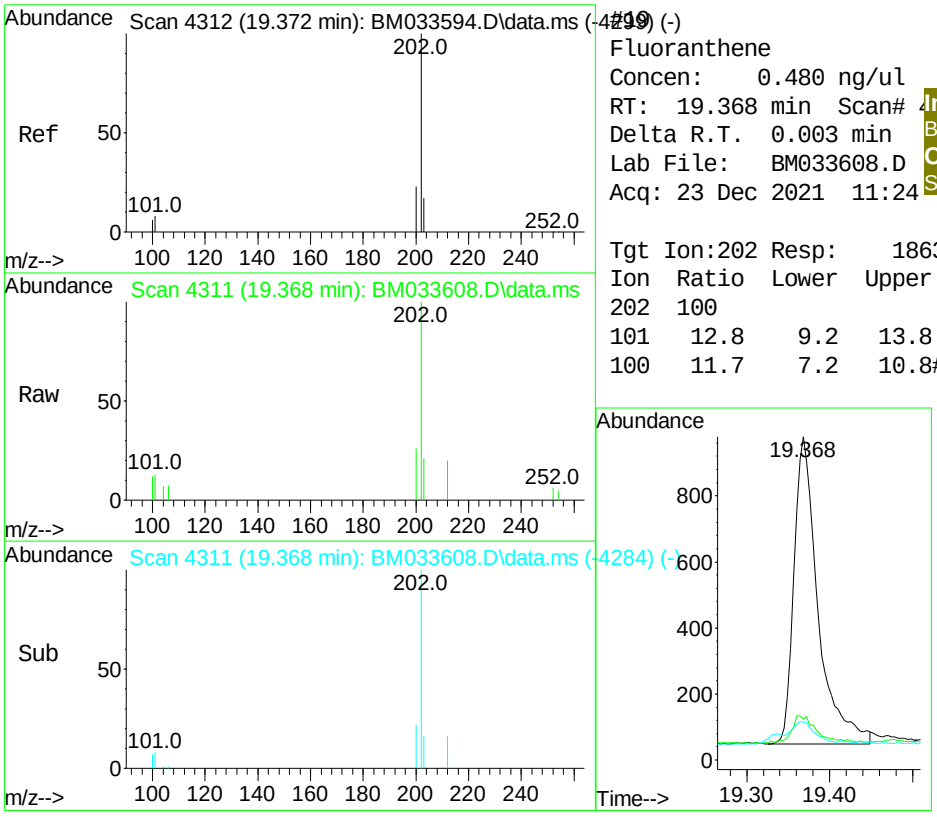


#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.458 min Scan# 3783
Delta R.T. 0.007 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:178 Resp: 1288

Ion	Ratio	Lower	Upper
178	100		
179	24.8	16.5	24.7#
176	29.3	18.3	27.5#



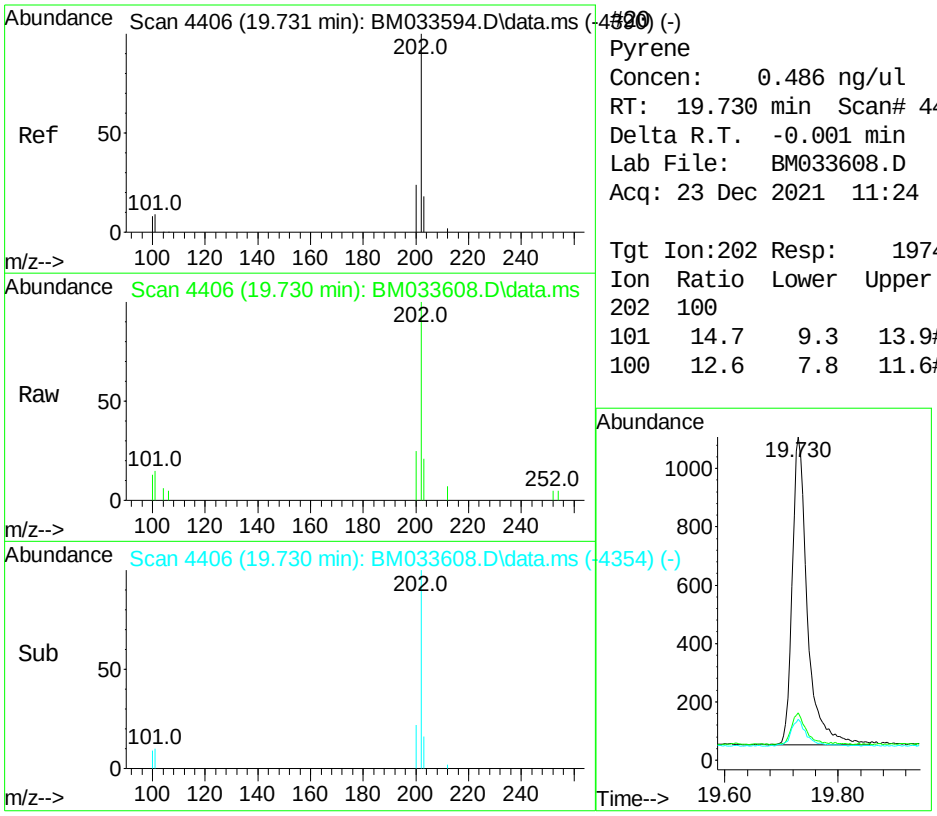


#19
Fluoranthene
Concen: 0.480 ng/ul
RT: 19.368 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:202 Resp: 1863

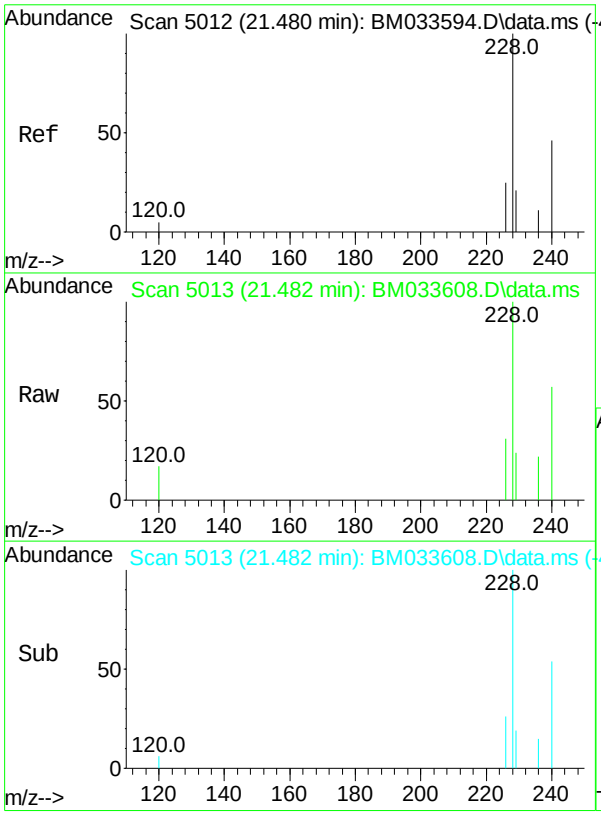
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.2	13.8
100	11.7	7.2	10.8#



#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.730 min Scan# 4406
Delta R.T. -0.001 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:202 Resp: 1974

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.3	13.9#
100	12.6	7.8	11.6#

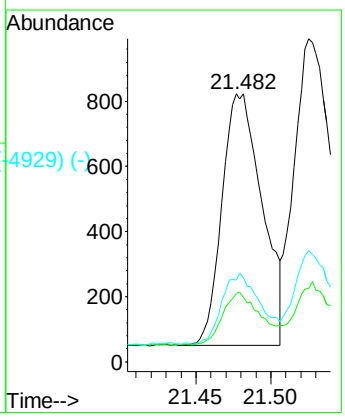


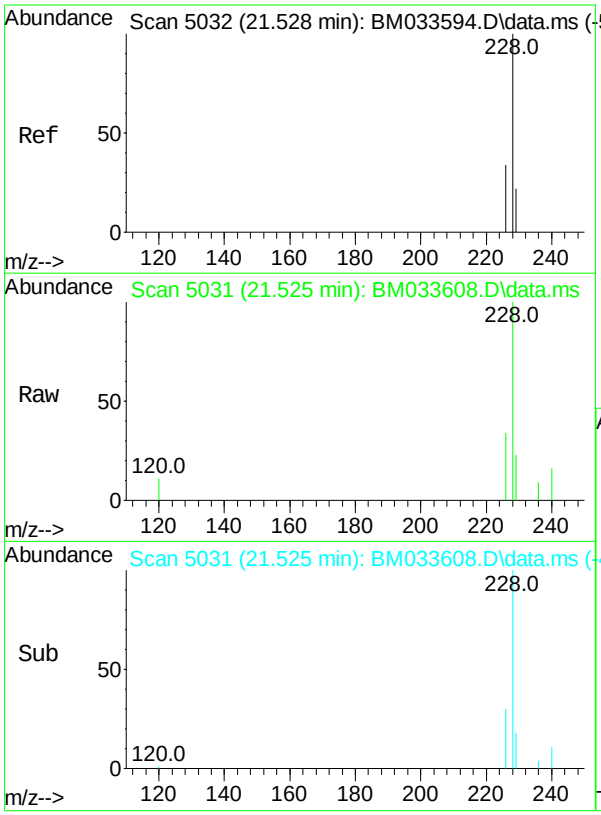
#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.482 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:228 Resp: 1449

Ion	Ratio	Lower	Upper
228	100		
229	24.2	17.3	25.9
226	31.3	23.2	34.8

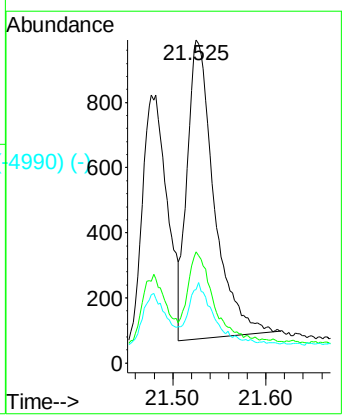


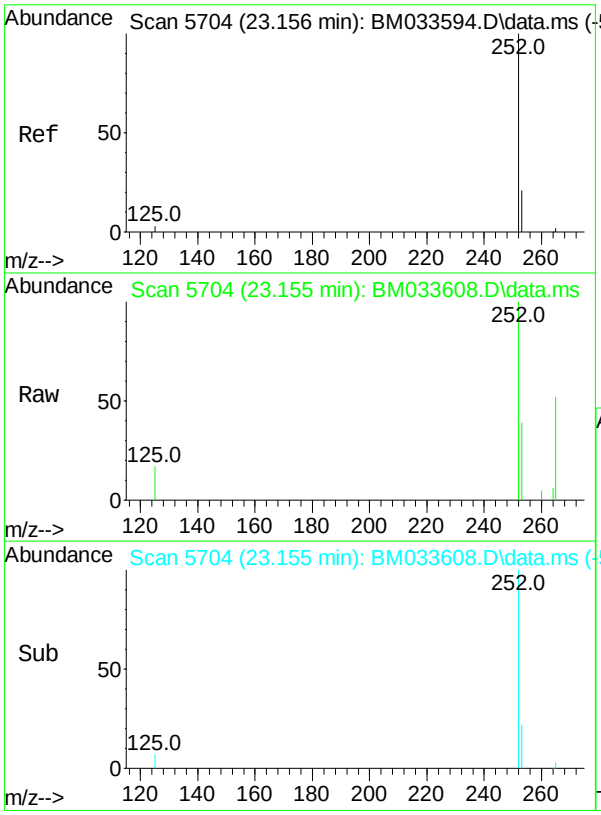


#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.525 min Scan# 5031
Delta R.T. -0.001 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:228 Resp: 1840

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.8	38.8
229	22.7	16.7	25.1



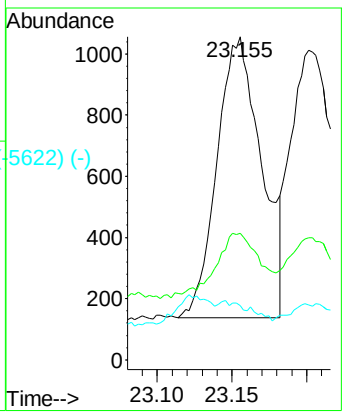


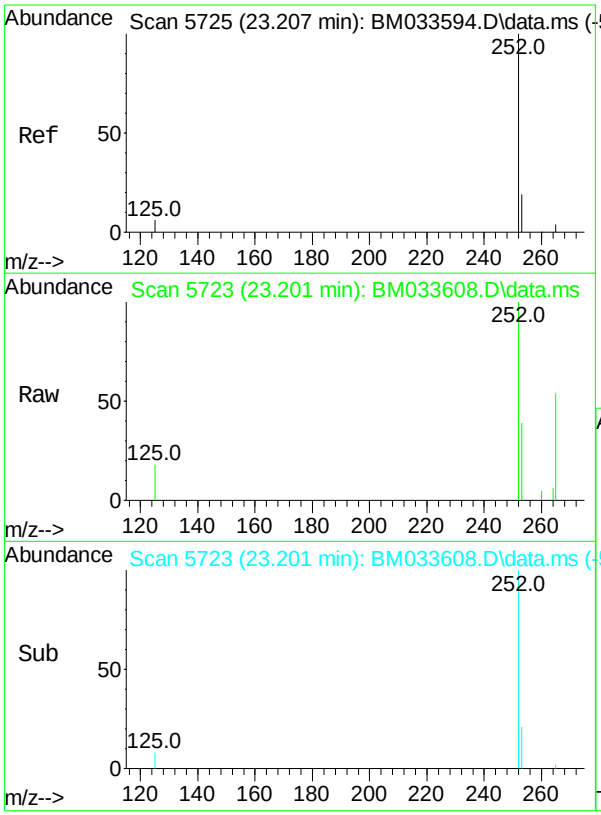
#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 23.155 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:252 Resp: 1903

Ion	Ratio	Lower	Upper
252	100		
253	39.2	0.0	64.2
125	16.9	0.0	28.8

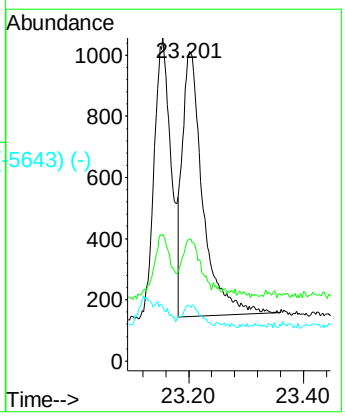


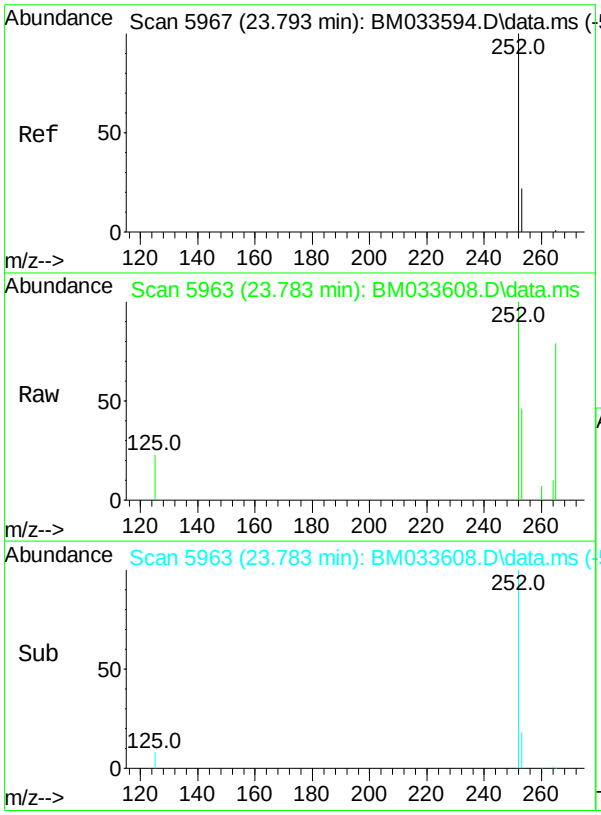


#25
Benzo(k)fluoranthene
Concen: 0.477 ng/ul
RT: 23.201 min Scan# 5723
Delta R.T. -0.005 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:252 Resp: 2147

Ion	Ratio	Lower	Upper
252	100		
253	39.4	26.8	40.2
125	17.7	12.0	18.0



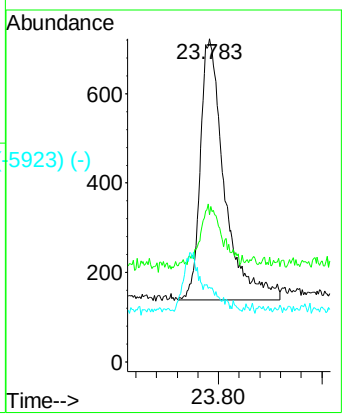


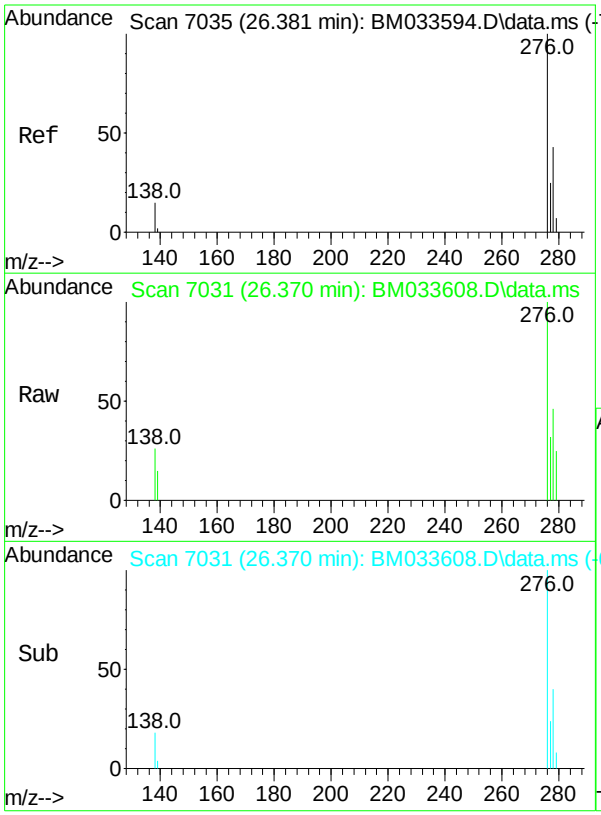
#26
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.783 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:252 Resp: 1892

Ion	Ratio	Lower	Upper
252	100		
253	45.5	32.0	48.0
125	23.1	14.5	21.7#

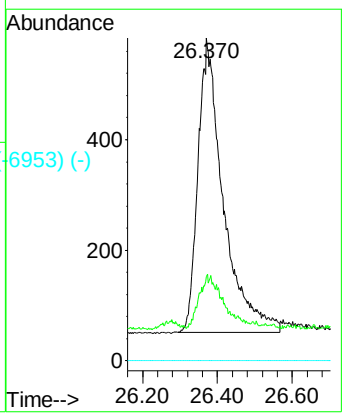


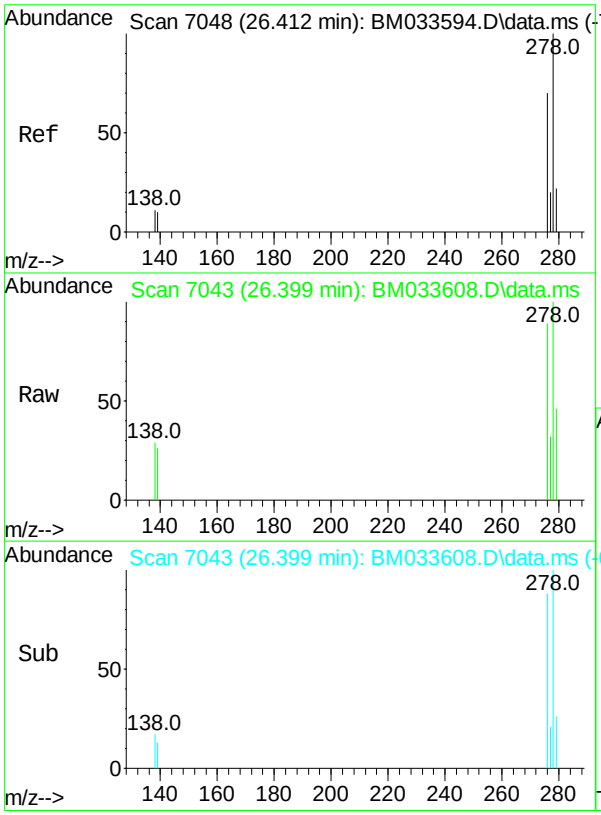


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng/ul
RT: 26.370 min Scan# 7031
Delta R.T. -0.010 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:276 Resp: 2487

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.8	23.6
227	0.0	0.0	0.0



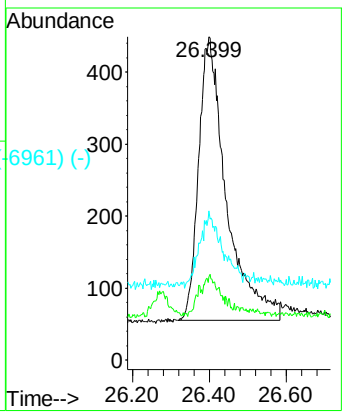


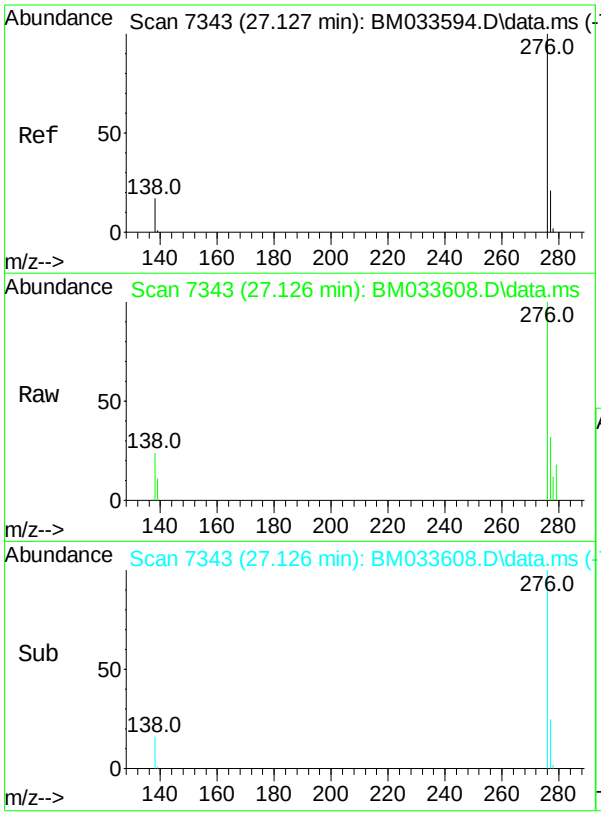
#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.399 min Scan# 7043
Delta R.T. -0.001 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS491

Tgt Ion:278 Resp: 1975

Ion	Ratio	Lower	Upper
278	100		
139	25.8	18.0	27.0
279	46.1	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.126 min Scan# 7343
Delta R.T. -0.013 min
Lab File: BM033608.D
Acq: 23 Dec 2021 11:24

Tgt Ion:276 Resp: 2300

Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.4	26.0
277	32.0	22.6	33.8