Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033627.D
Acq On : 04 Jan 2022 16:07
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV042

Quant Time: Jan 04 17:12:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 15:58:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.995	152	3325	0.400	ng/ul		0.00
4) Naphthalene-d8	10.810	136	10833	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.629	164	5425	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.365	188	10564	0.400	ng/ul		0.00
17) Chrysene-d12	21.526	240	8209	0.400	ng/ul	#	0.00
23) Perylene-d12	23.955	264	8617	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.330	96	1376	0.388	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.398	152	6013	0.408	ng/ul		0.00
18) Fluoranthene-d10	19.384	212	10016	0.394	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1522	0.394	ng/ul	#	89
5) Naphthalene	10.860	128	12816	0.408	ng/ul	#	89
7) 2-Methylnaphthalene	12.470	142	8379	0.416	ng/ul		99
8) 1-Methylnaphthalene	12.686	142	7730	0.391	ng/ul		100
10) Acenaphthylene	14.348	152	11154	0.445	ng/ul	#	90
11) Acenaphthene	14.690	153	8315	0.416	ng/ul		97
12) Fluorene	15.672	166	12216	0.511	ng/ul	#	95
14) Pentachlorophenol	17.014	266	1775	0.426	ng/ul		97
15) Phenanthrene	17.406	178	14001	0.409	ng/ul		95
16) Anthracene	17.497	178	12814	0.408	ng/ul	#	91
19) Fluoranthene	19.414	202	15194	0.395	ng/ul		99
20) Pyrene	19.773	202	15524	0.399	ng/ul	#	92
21) Benzo(a)anthracene	21.509	228	13782	0.404	ng/ul		97
22) Chrysene	21.562	228	14444	0.414	ng/ul		98
24) Benzo(b)fluoranthene	23.214	252	14997	0.397	ng/ul		90
25) Benzo(k)fluoranthene	23.262	252	15557	0.420	ng/ul	#	86
26) Benzo(a)pyrene	23.846	252	14118	0.430	ng/ul	#	84
27) Indeno(1,2,3-cd)pyrene	26.495	276	17429	0.408	ng/ul	#	74
28) Dibenzo(a,h)anthracene	26.519	278	14295	0.421	ng/ul	#	90
29) Benzo(g,h,i)perylene	27.272	276	15122	0.412	ng/ul		93

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

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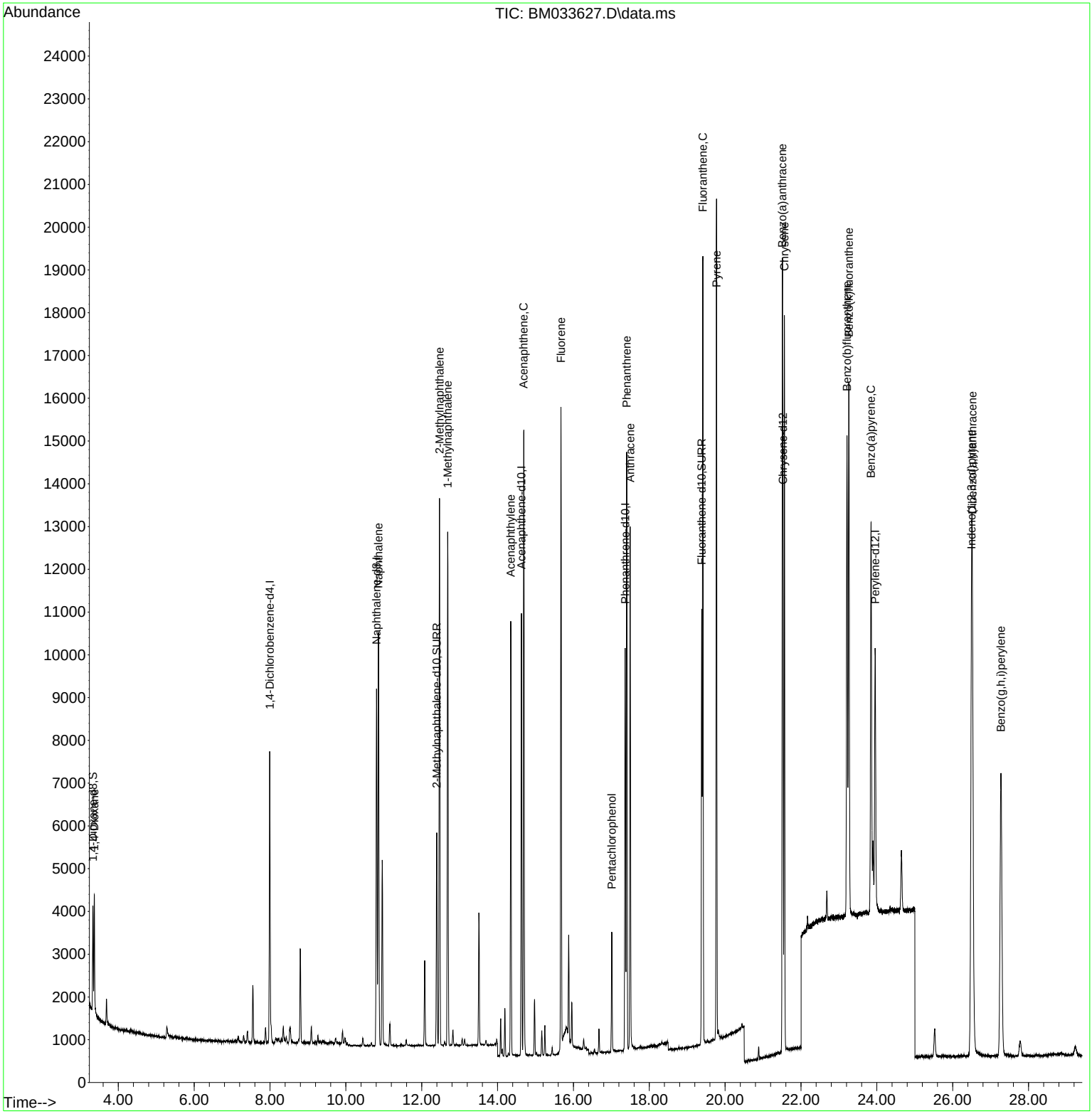
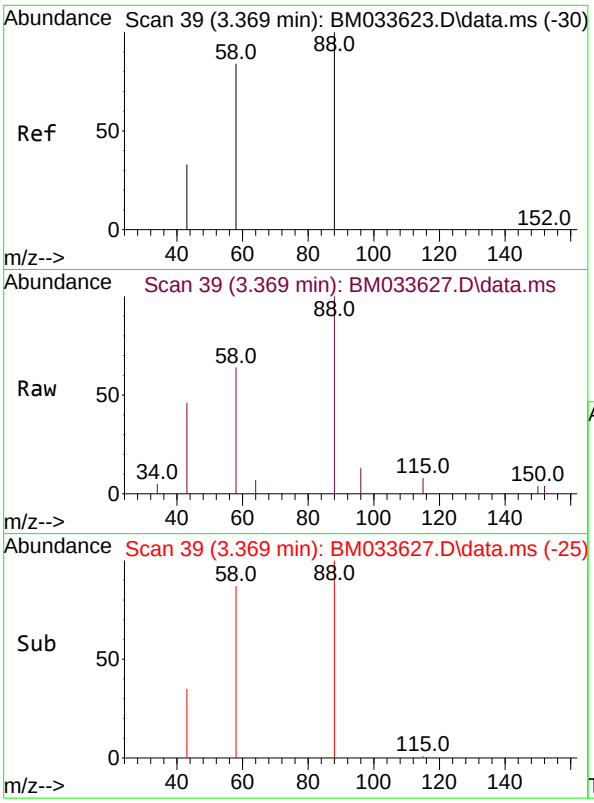


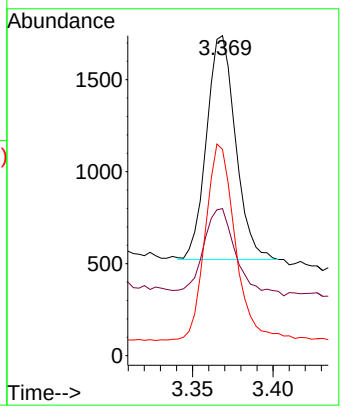


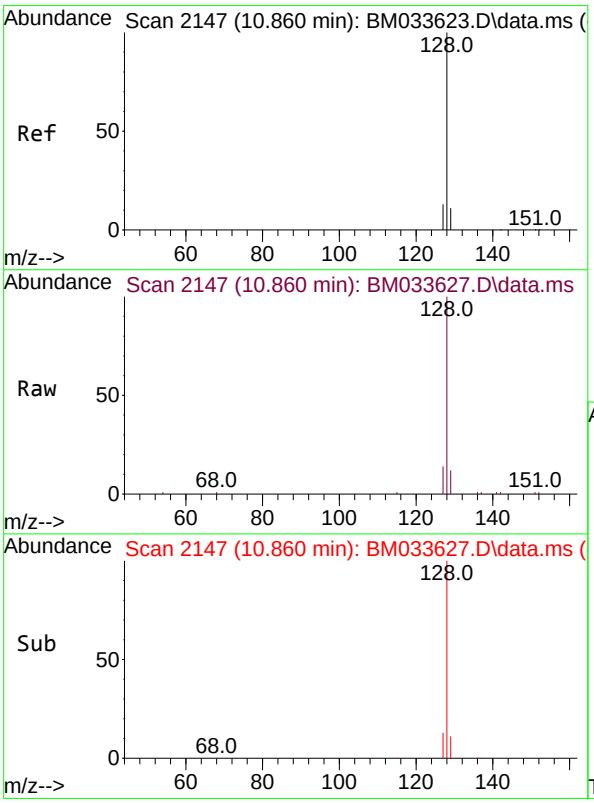
#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.369 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion: 88 Resp: 1522

Ion	Ratio	Lower	Upper
88	100		
43	45.9	49.7	74.5#
58	64.5	52.5	78.7

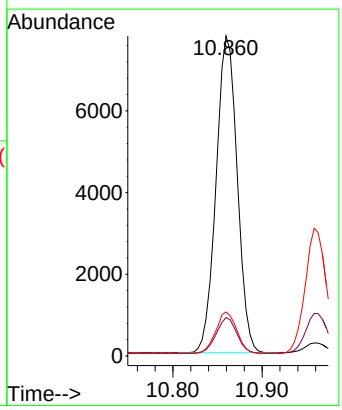


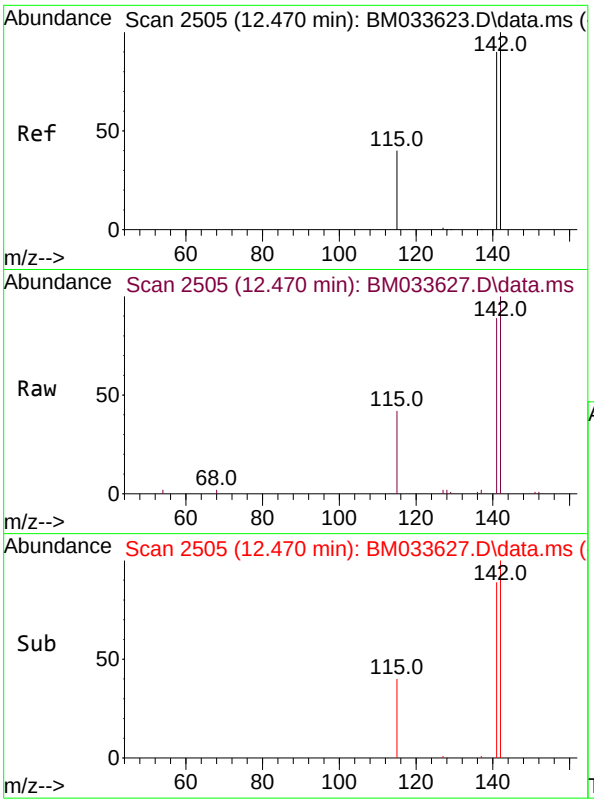


#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.860 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:128 Resp: 12816

Ion	Ratio	Lower	Upper
128	100		
129	12.0	13.4	20.2#
127	13.8	15.2	22.8#



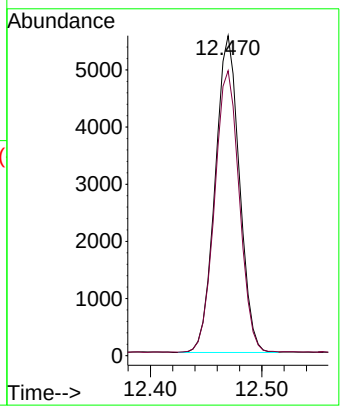


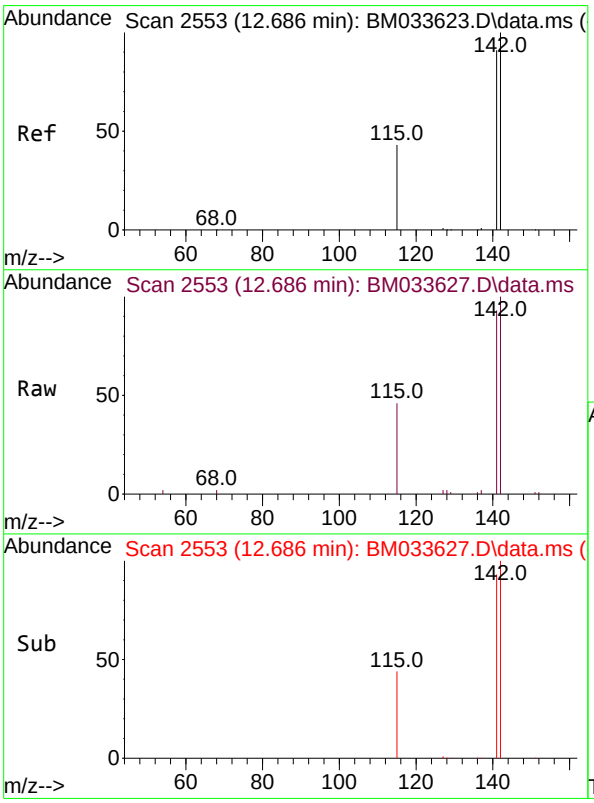
#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.470 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:142 Resp: 8379

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.8	107.6

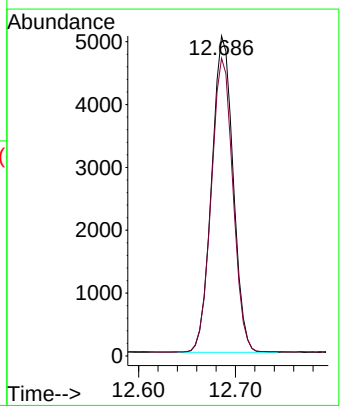


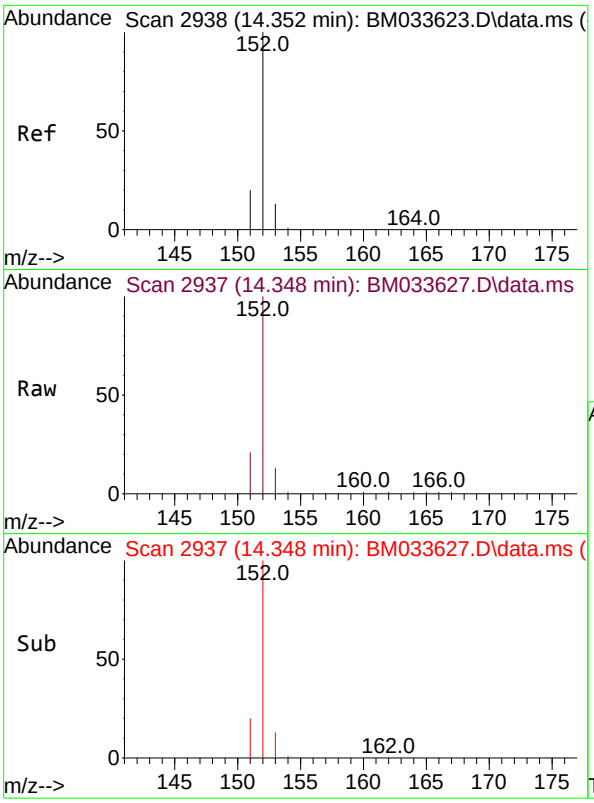


#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.686 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:142 Resp: 7730

Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.0	112.4



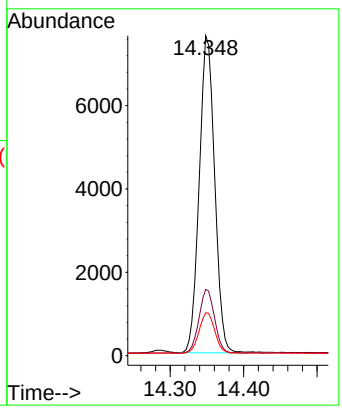


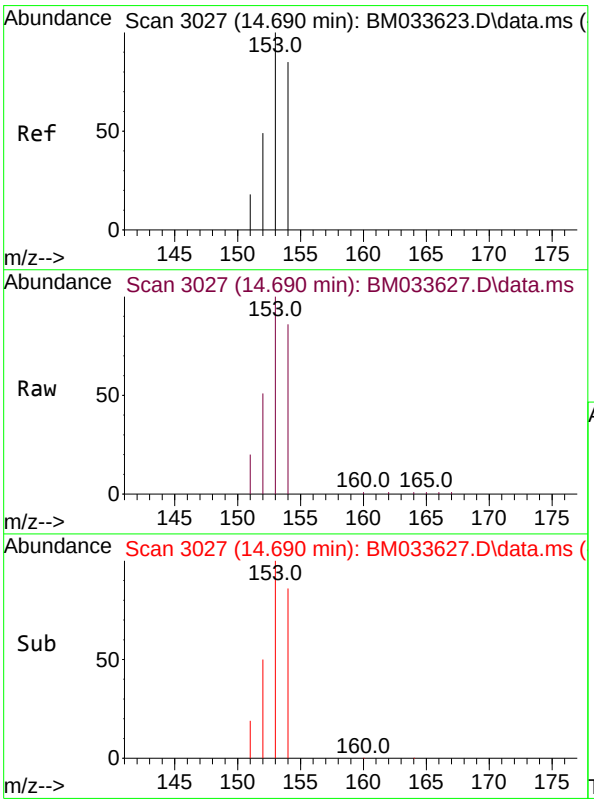
#10
Acenaphthylene
Concen: 0.445 ng/ul
RT: 14.348 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:152 Resp: 11154

Ion	Ratio	Lower	Upper
152	100		
151	20.7	19.9	29.9
153	13.4	15.0	22.4#

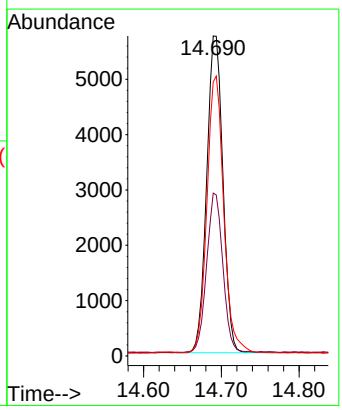


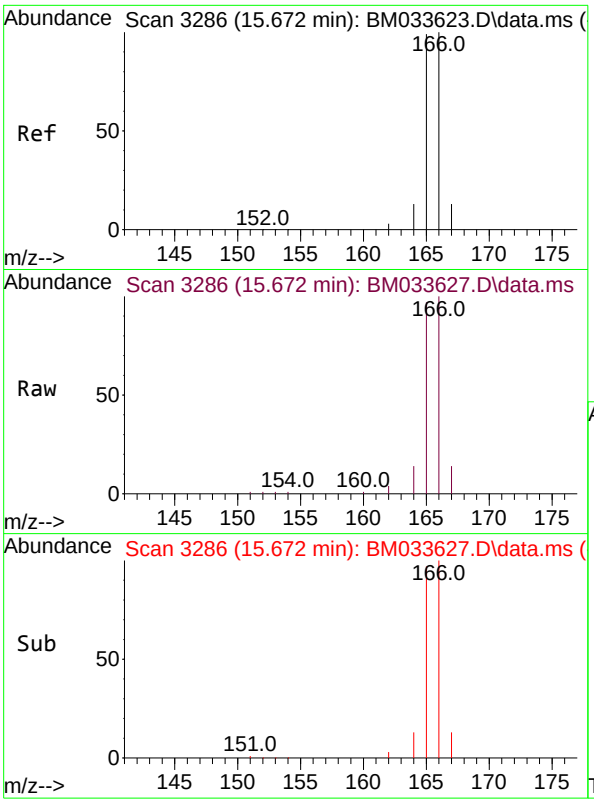


#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.690 min Scan# 3027
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:153 Resp: 8315

Ion	Ratio	Lower	Upper
153	100		
152	50.9	42.4	63.6
154	85.6	66.2	99.2



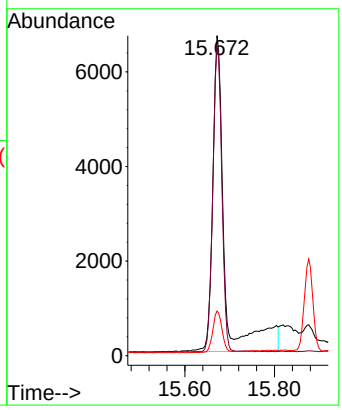


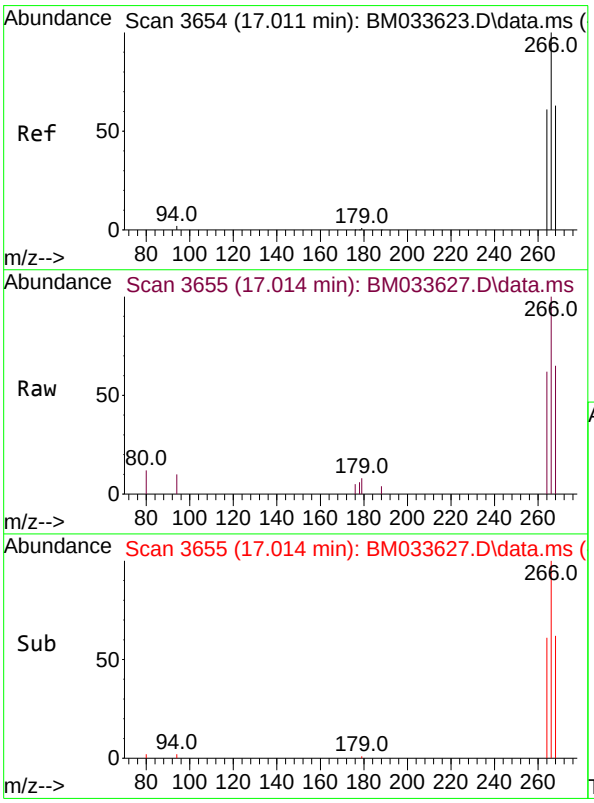
#12
Fluorene
Concen: 0.511 ng/ul
RT: 15.672 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:166 Resp: 12216

Ion	Ratio	Lower	Upper
166	100		
165	97.1	81.1	121.7
167	13.9	14.9	22.3#

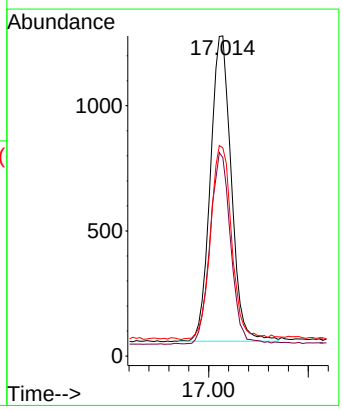


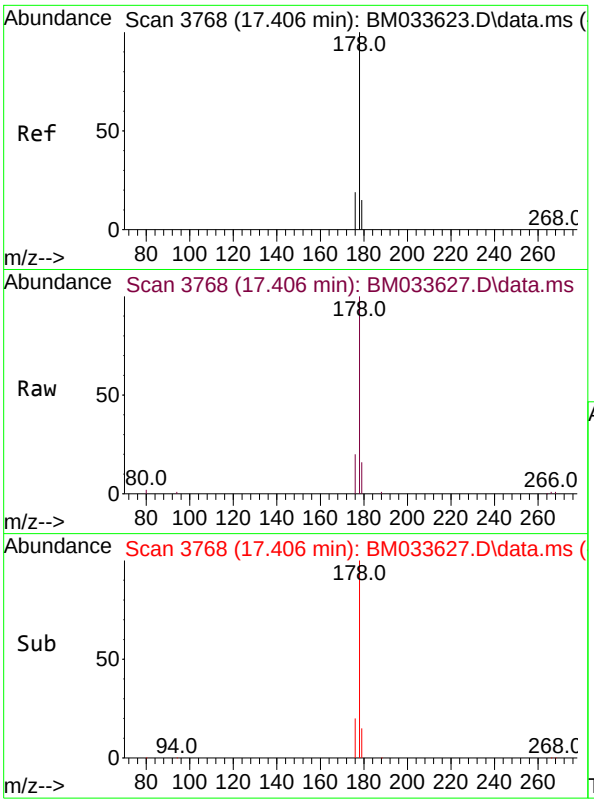


#14
Pentachlorophenol
Concen: 0.426 ng/ul
RT: 17.014 min Scan# 3655
Delta R.T. 0.003 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:266 Resp: 1775

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.4	77.0
268	64.4	53.1	79.7



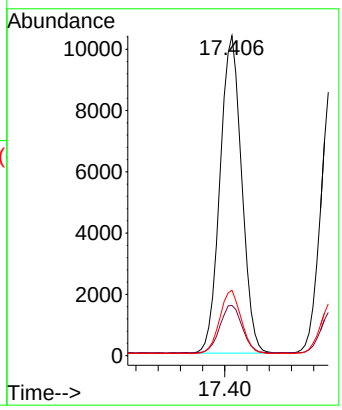


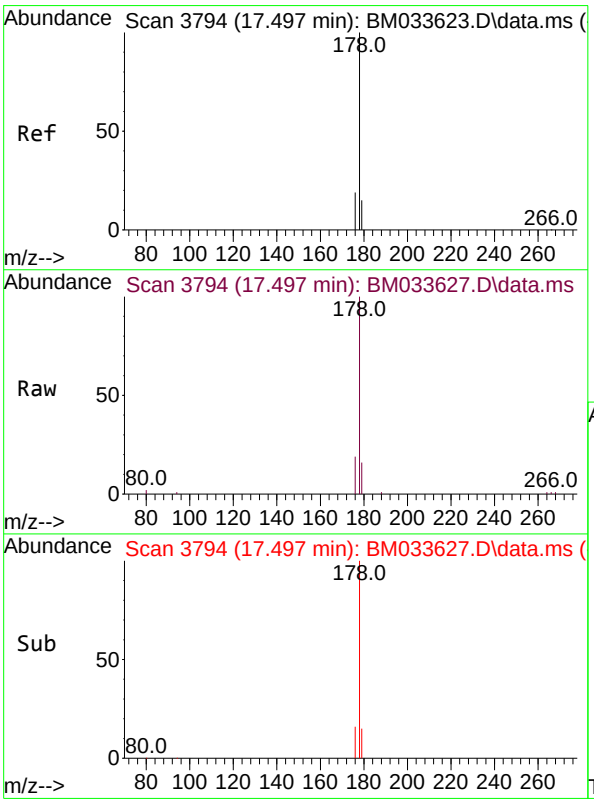
#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.406 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:178 Resp: 14001

Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.0	22.6
176	20.5	17.9	26.9

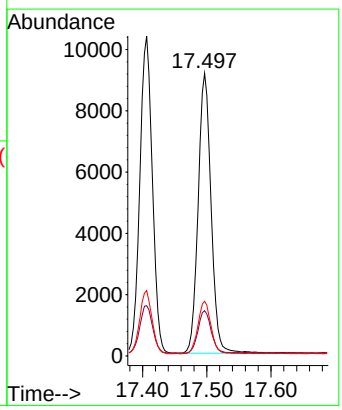


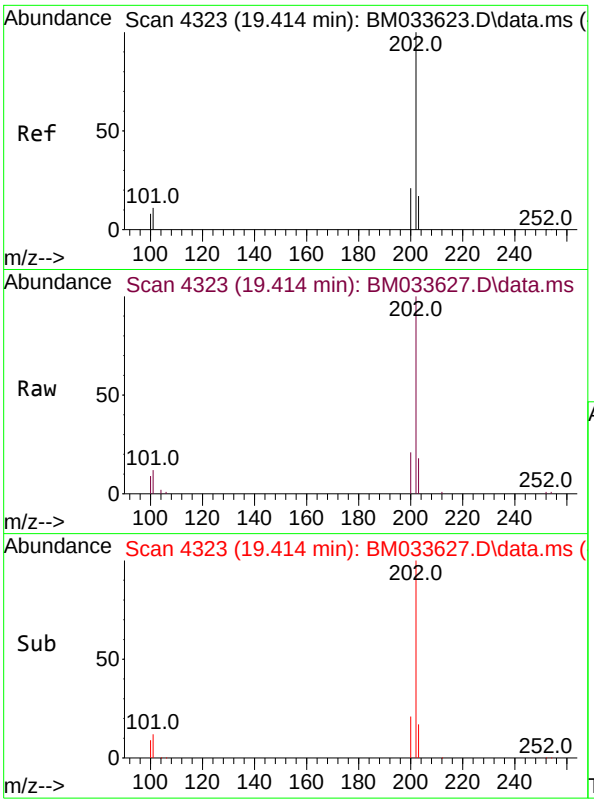


#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.497 min Scan# 3794
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:178 Resp: 12814

Ion	Ratio	Lower	Upper
178	100		
179	16.0	16.5	24.7#
176	19.3	18.3	27.5



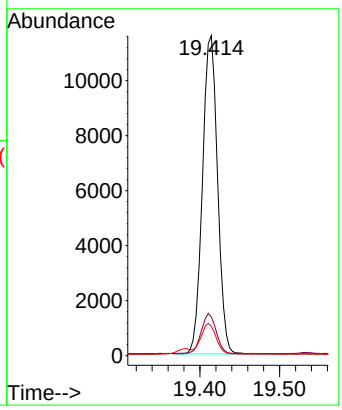


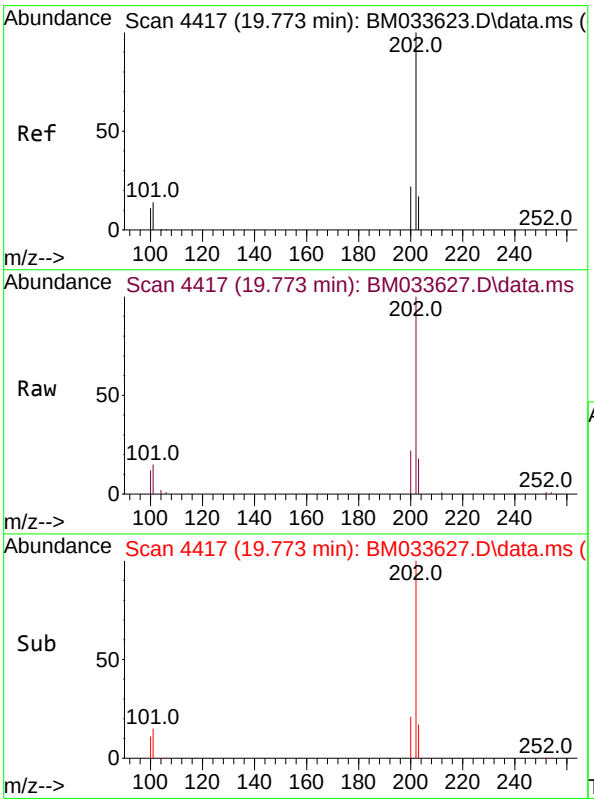
#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.414 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:202 Resp: 15194

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.2	13.8
100	9.2	7.2	10.8

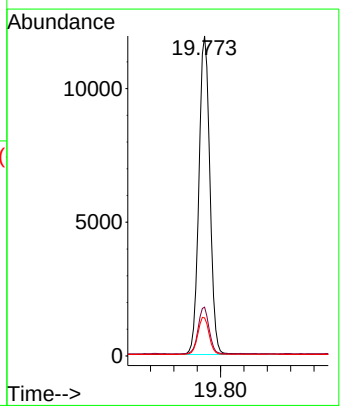


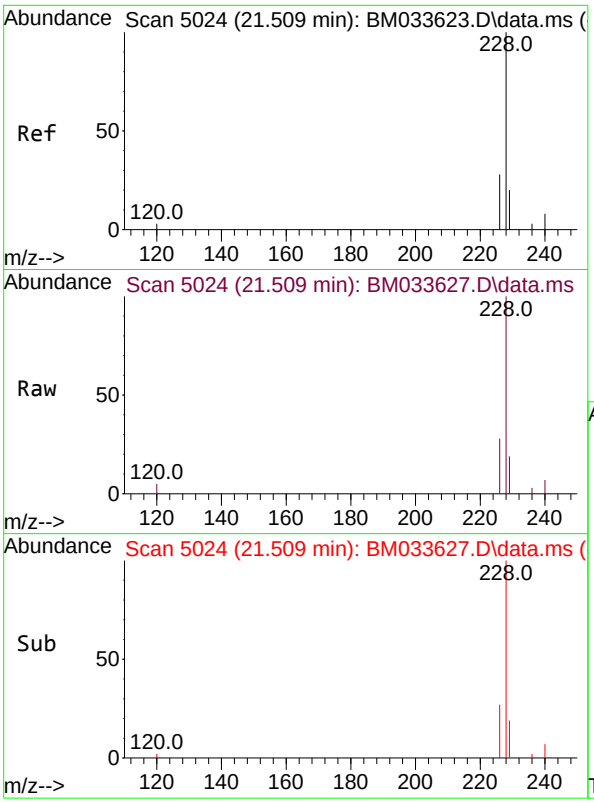


#20
Pyrene
Concen: 0.399 ng/ul
RT: 19.773 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:202 Resp: 15524

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.3	13.9#
100	11.9	7.8	11.6#



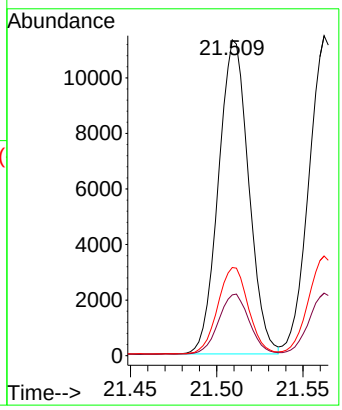


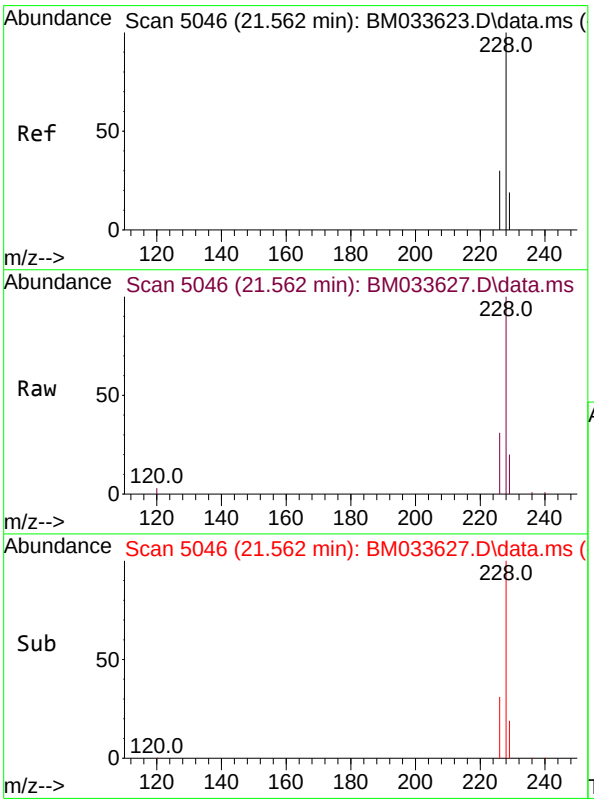
#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.509 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:228 Resp: 13782

Ion	Ratio	Lower	Upper
228	100		
229	19.2	17.3	25.9
226	27.9	23.2	34.8

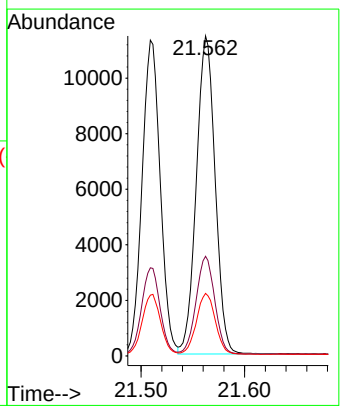


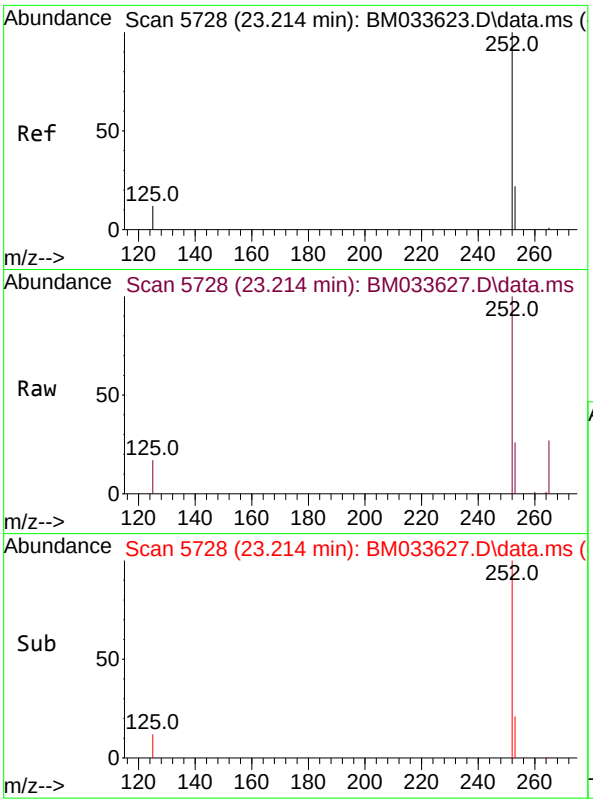


#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.562 min Scan# 5046
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:228 Resp: 14444

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.8
229	19.5	16.7	25.1



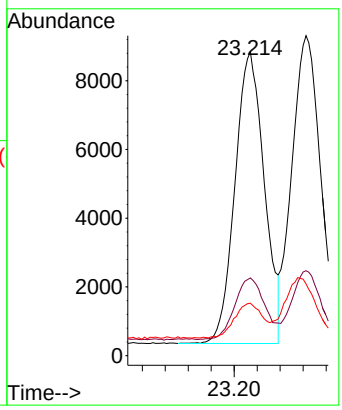


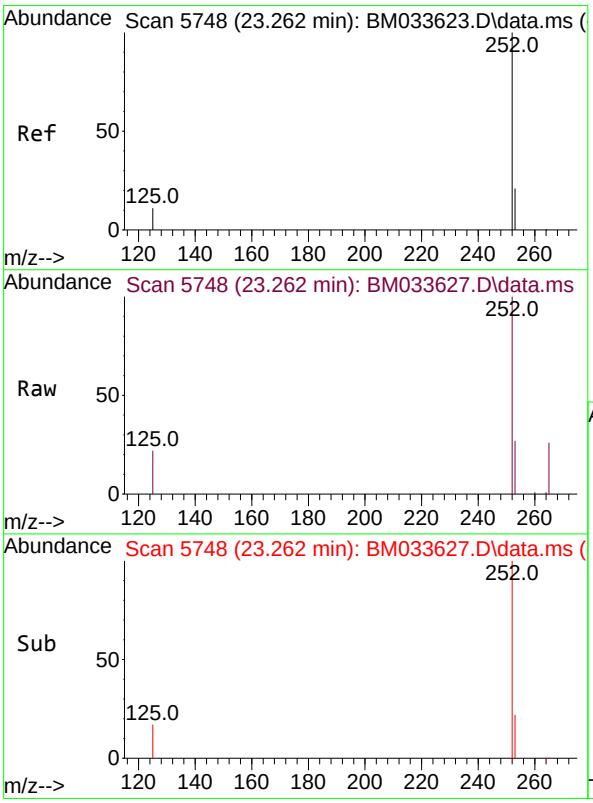
#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.214 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:252 Resp: 14997

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	64.2
125	17.3	0.0	28.8

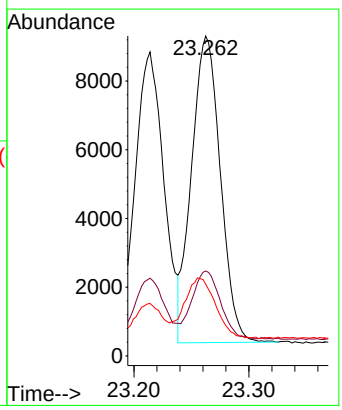


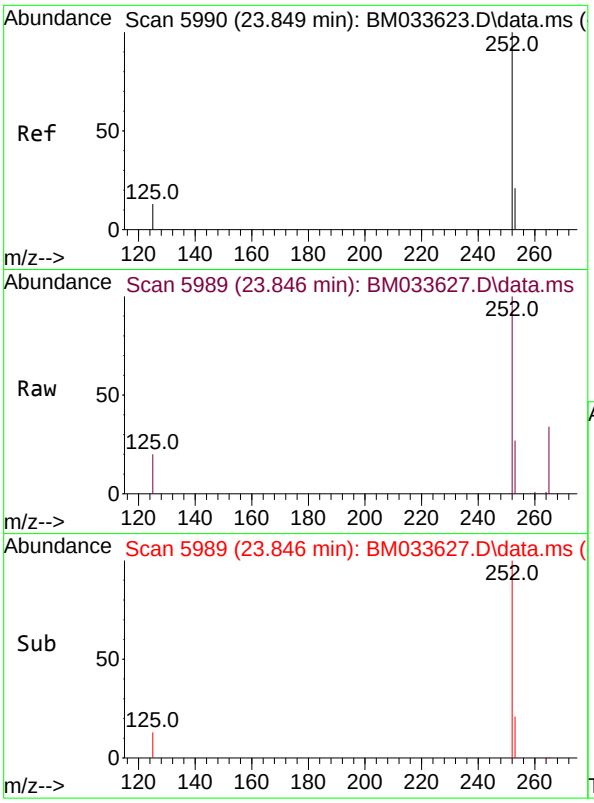


#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.262 min Scan# 5748
Delta R.T. -0.000 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:252 Resp: 15557

Ion	Ratio	Lower	Upper
252	100		
253	26.5	26.8	40.2#
125	22.4	12.0	18.0#



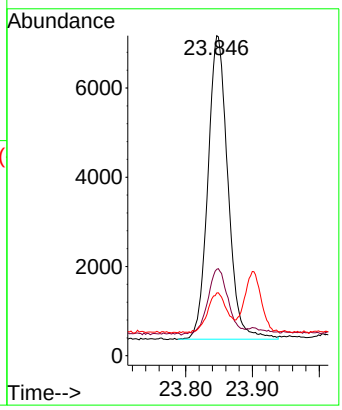


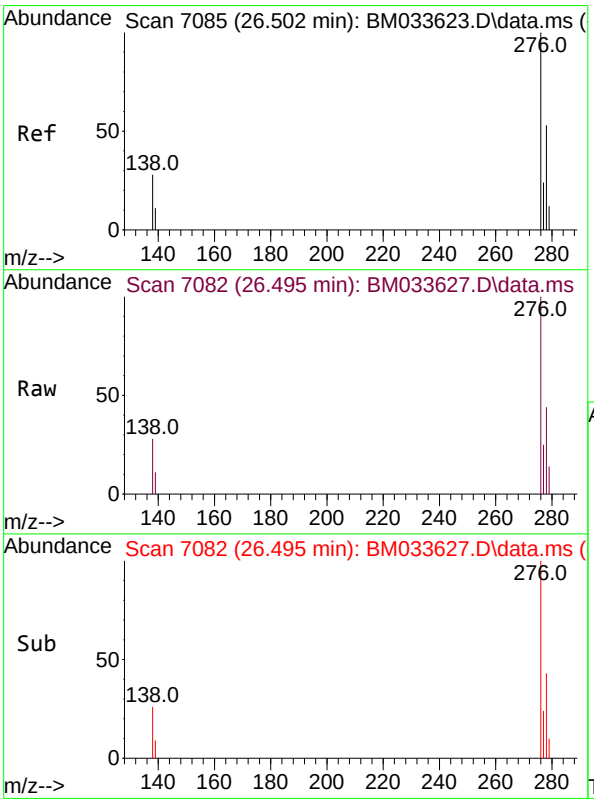
#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.846 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:252 Resp: 14118

Ion	Ratio	Lower	Upper
252	100		
253	27.0	32.0	48.0#
125	19.6	14.5	21.7

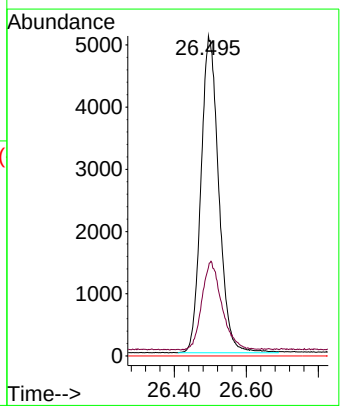


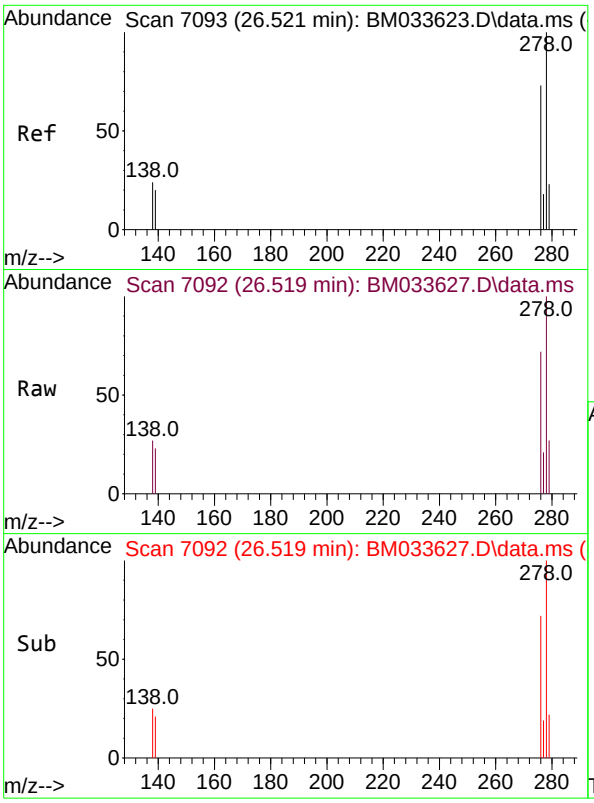


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.495 min Scan# 7082
Delta R.T. -0.007 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:276 Resp: 17429

Ion	Ratio	Lower	Upper
276	100		
138	31.4	15.8	23.6#
227	0.0	0.0	0.0



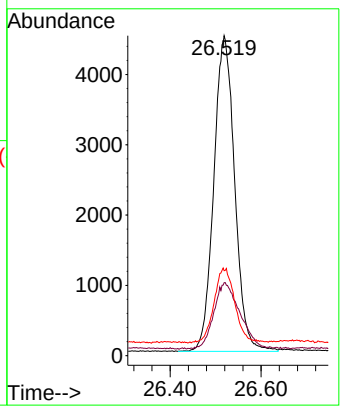


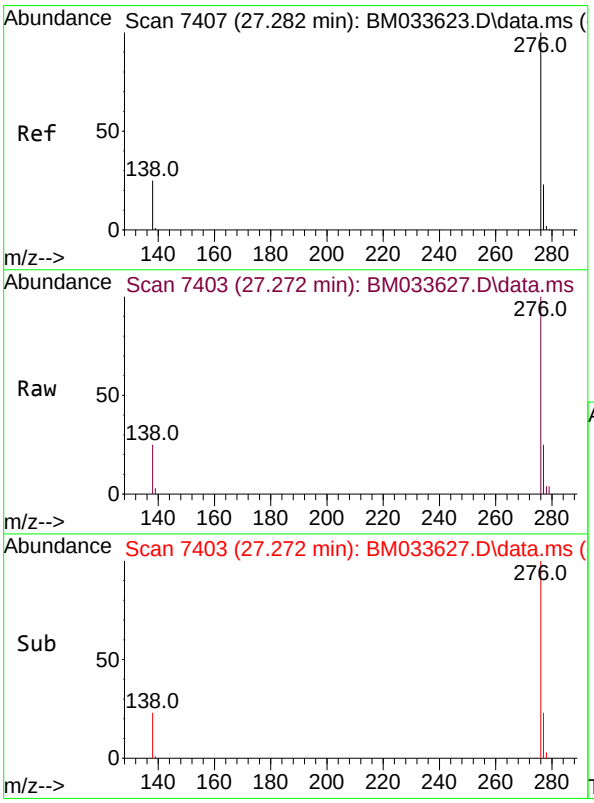
#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 26.519 min Scan# 7
Delta R.T. -0.002 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:278 Resp: 14295

Ion	Ratio	Lower	Upper
278	100		
139	22.8	18.0	27.0
279	26.6	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.272 min Scan# 7403
Delta R.T. -0.010 min
Lab File: BM033627.D
Acq: 04 Jan 2022 16:07

Tgt Ion:276 Resp: 15122

Ion	Ratio	Lower	Upper
276	100		
138	25.2	17.4	26.0
277	25.0	22.6	33.8