Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034927.D
Acq On : 04 May 2022 13:38
Operator : CG/JU
Sample : PB144511BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS511

Quant Time: May 05 04:12:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	5364	0.400	ng/ul		0.00
4) Naphthalene-d8	10.726	136	14364	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.557	164	7928	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.296	188	14949	0.400	ng/ul		0.00
17) Chrysene-d12	21.474	240	9326	0.400	ng/ul	#	0.00
23) Perylene-d12	23.862	264	8254	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.373	96	3428	0.578	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.316	152	6611	0.327	ng/ul		0.00
18) Fluoranthene-d10	19.322	212	11441	0.389	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	8196	1.451	ng/ul	#	82
5) Naphthalene	10.776	128	12630	0.307	ng/ul	#	88
7) 2-Methylnaphthalene	12.387	142	8149	0.299	ng/ul		100
8) 1-Methylnaphthalene	12.607	142	8091	0.302	ng/ul		100
10) Acenaphthylene	14.279	152	11548	0.333	ng/ul	#	90
11) Acenaphthene	14.621	153	8885	0.303	ng/ul		96
12) Fluorene	15.607	166	9426	0.285	ng/ul	#	96
14) Pentachlorophenol	16.950	266	2466	0.556	ng/ul		98
15) Phenanthrene	17.339	178	14715	0.298	ng/ul		95
16) Anthracene	17.431	178	12726	0.289	ng/ul	#	92
19) Fluoranthene	19.350	202	15925	0.356	ng/ul		99
20) Pyrene	19.712	202	15771	0.351	ng/ul		98
21) Benzo(a)anthracene	21.459	228	11660	0.321	ng/ul		98
22) Chrysene	21.511	228	12927	0.334	ng/ul		98
24) Benzo(b)fluoranthene	23.134	252	12138	0.322	ng/ul		92
25) Benzo(k)fluoranthene	23.180	252	12101	0.321	ng/ul	#	91
26) Benzo(a)pyrene	23.750	252	11318	0.368	ng/ul	#	86
27) Indeno(1,2,3-cd)pyrene	26.329	276	13397	0.310	ng/ul	#	57
28) Dibenzo(a,h)anthracene	26.353	278	10729	0.305	ng/ul		92
29) Benzo(g,h,i)perylene	27.084	276	11731	0.315	ng/ul		94

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
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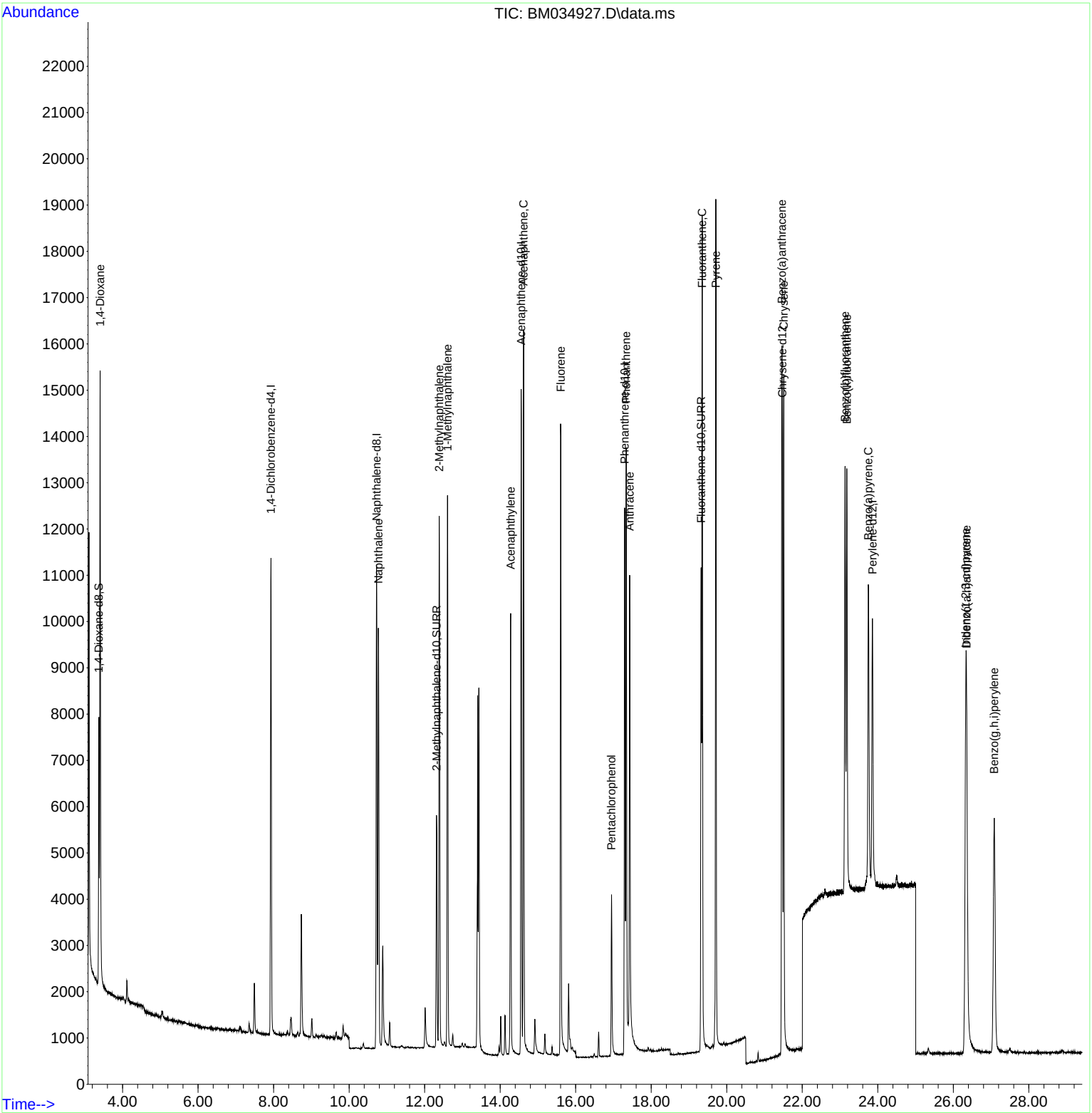
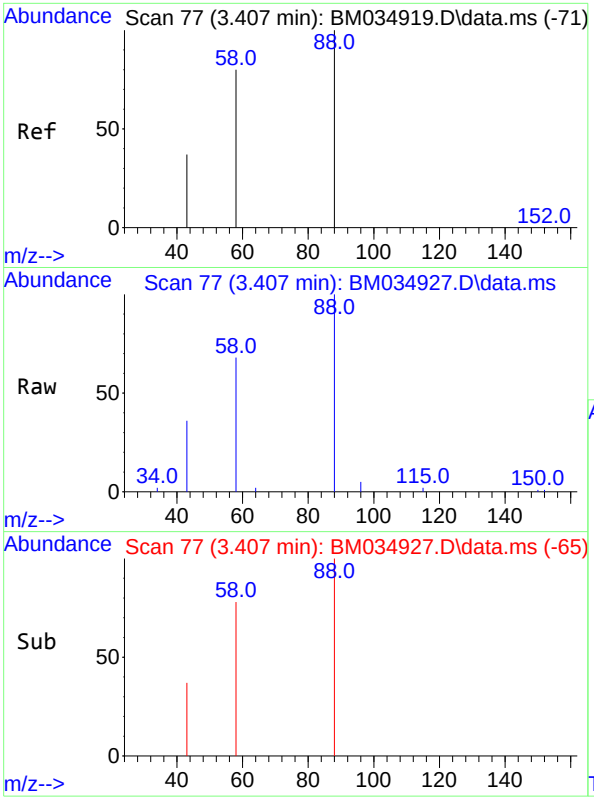


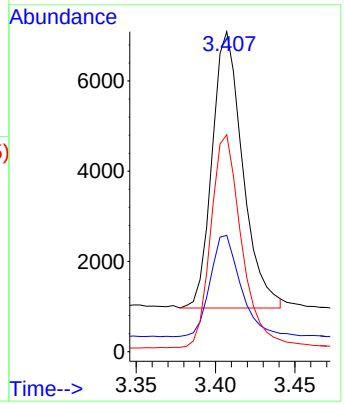


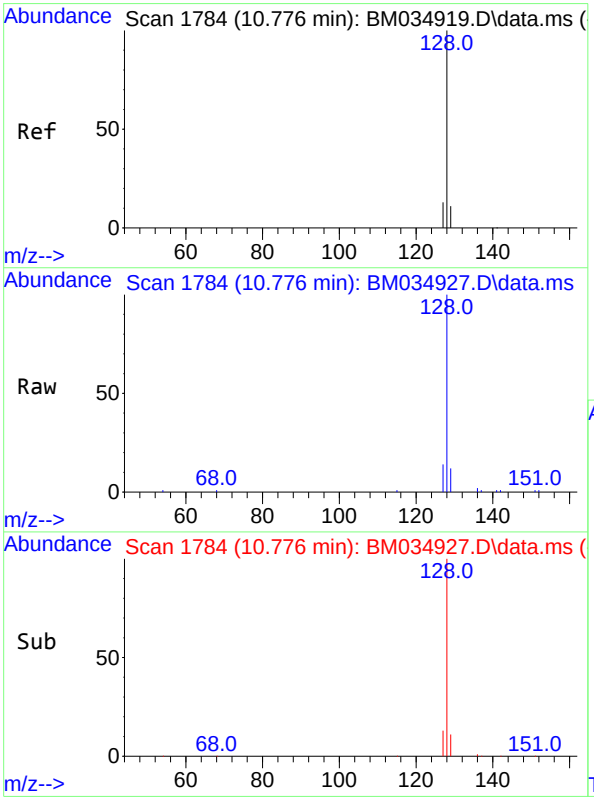
#2
1,4-Dioxane
Concen: 1.451 ng/ul
RT: 3.407 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion: 88 Resp: 8196

Ion	Ratio	Lower	Upper
88	100		
43	36.4	49.7	74.5#
58	67.8	52.5	78.7

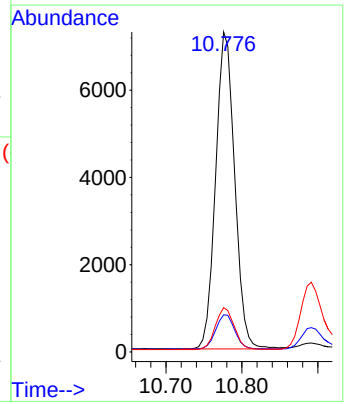


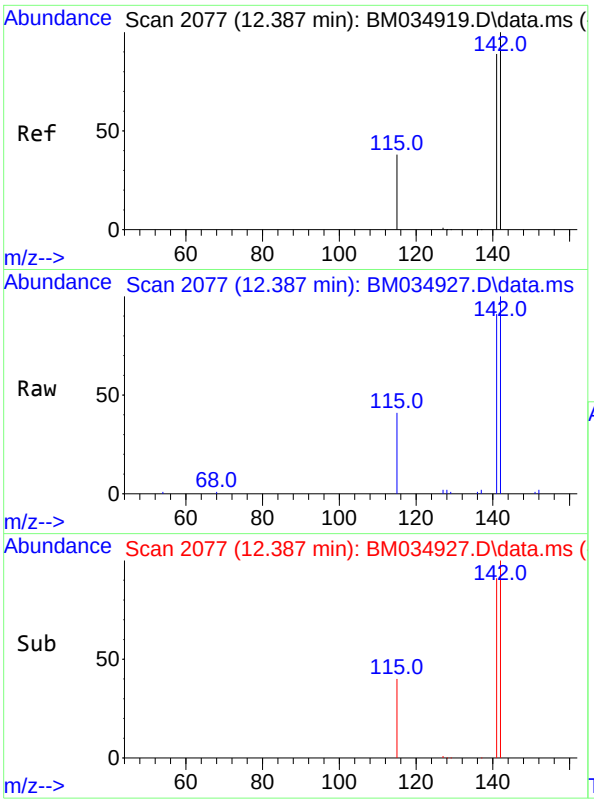


#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:128 Resp: 12630

Ion	Ratio	Lower	Upper
128	100		
129	11.6	13.4	20.2#
127	13.9	15.2	22.8#



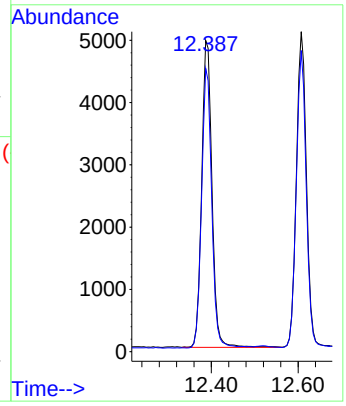


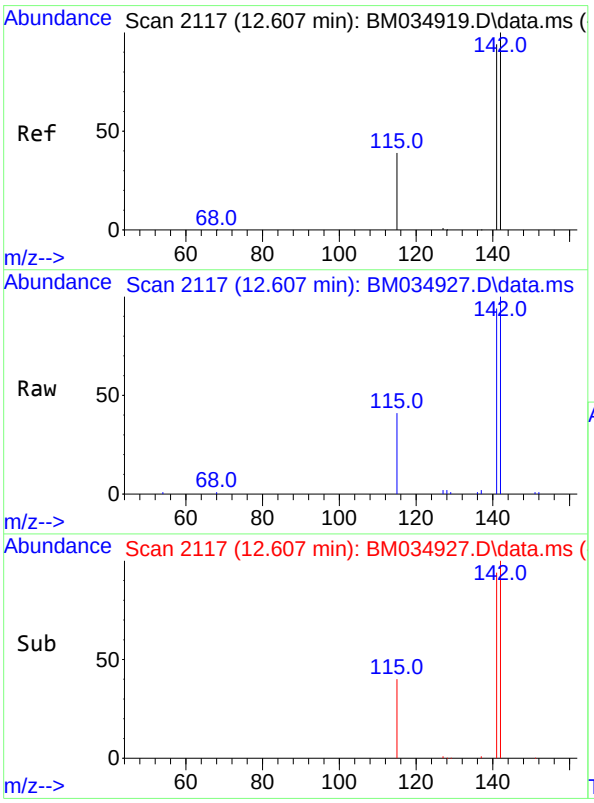
#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.387 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:142 Resp: 8149

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.6

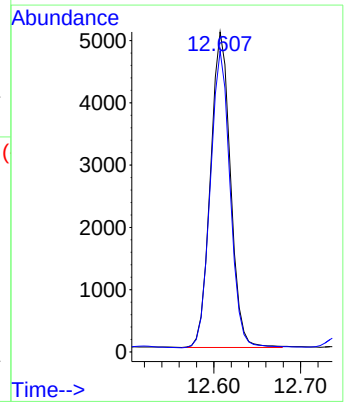


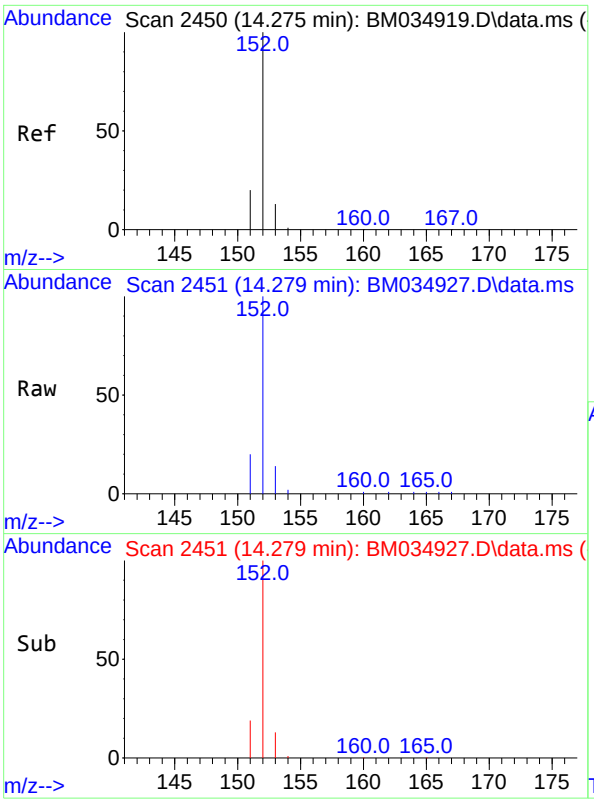


#8
1-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:142 Resp: 8091

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.0	112.4



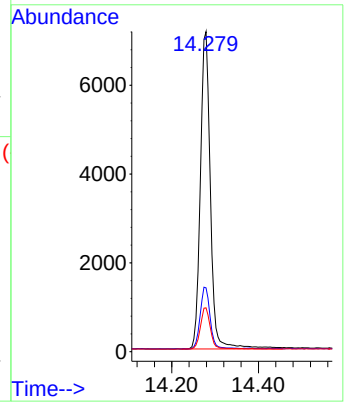


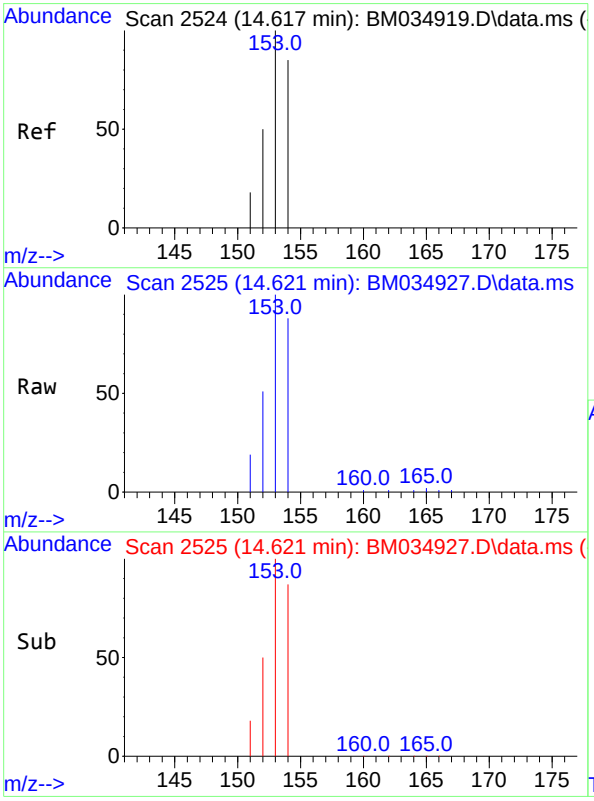
#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.279 min Scan# 24
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:152 Resp: 11548

Ion	Ratio	Lower	Upper
152	100		
151	20.0	19.9	29.9
153	13.7	15.0	22.4#

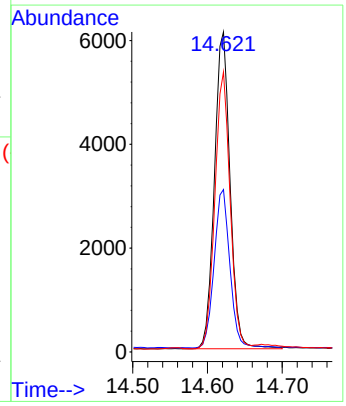


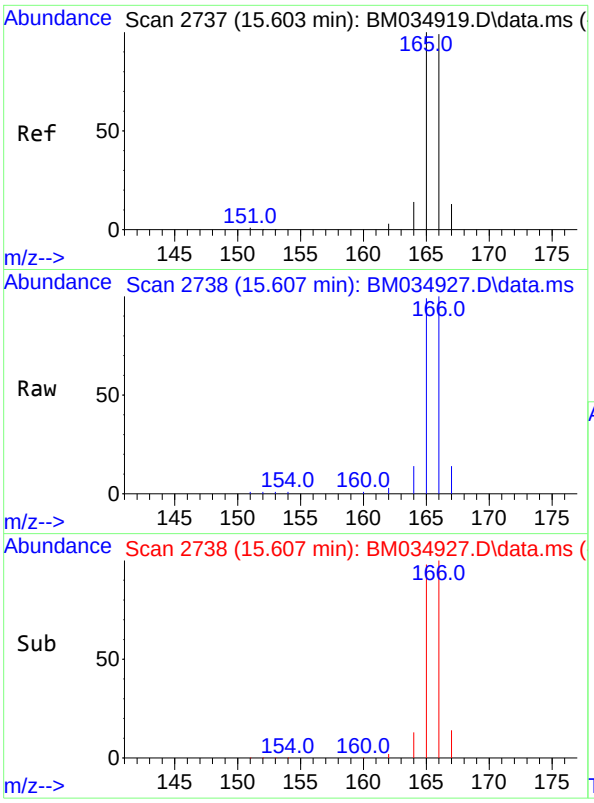


#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.621 min Scan# 2525
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:153 Resp: 8885

Ion	Ratio	Lower	Upper
153	100		
152	50.8	42.4	63.6
154	87.5	66.2	99.2



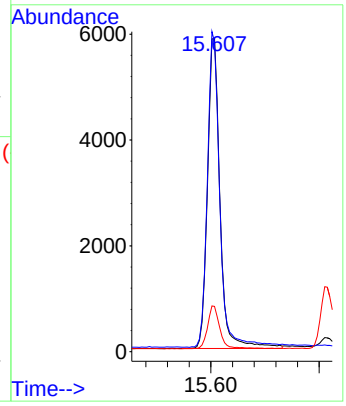


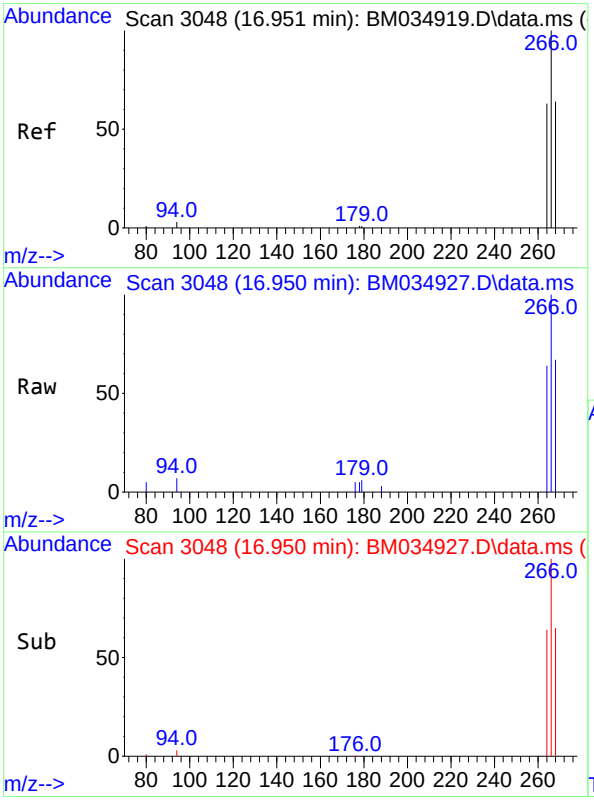
#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.607 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:166 Resp: 9426

Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.1	121.7
167	14.5	14.9	22.3#

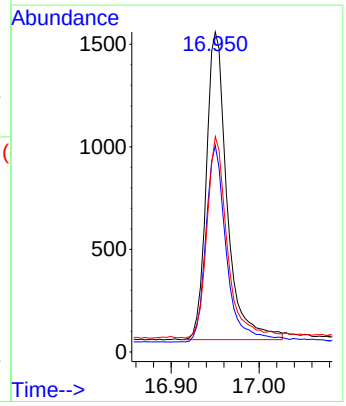


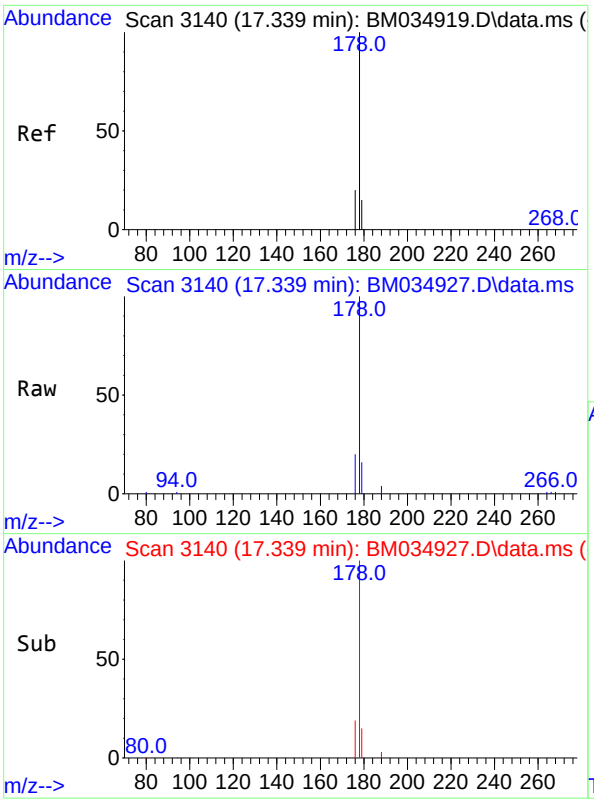


#14
Pentachlorophenol
Concen: 0.556 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:266 Resp: 2466

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



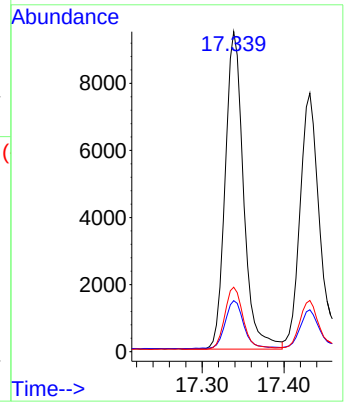


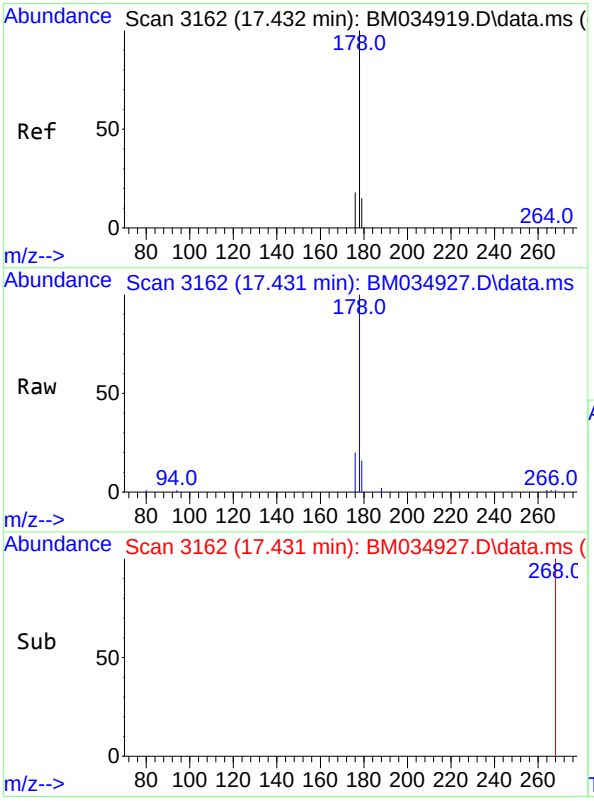
#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.339 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:178 Resp: 14715

Ion	Ratio	Lower	Upper
178	100		
179	15.9	15.0	22.6
176	20.1	17.9	26.9

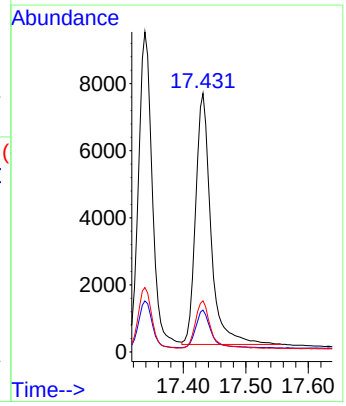


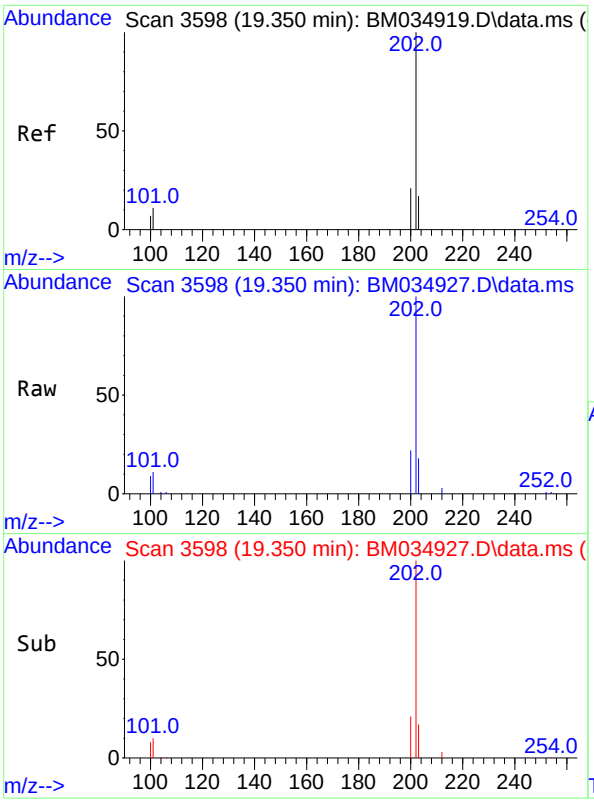


#16
Anthracene
Concen: 0.289 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:178 Resp: 12726

Ion	Ratio	Lower	Upper
178	100		
179	16.2	16.5	24.7#
176	19.8	18.3	27.5



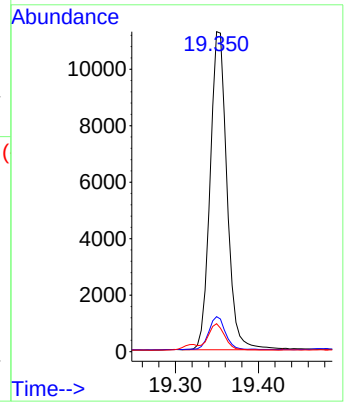


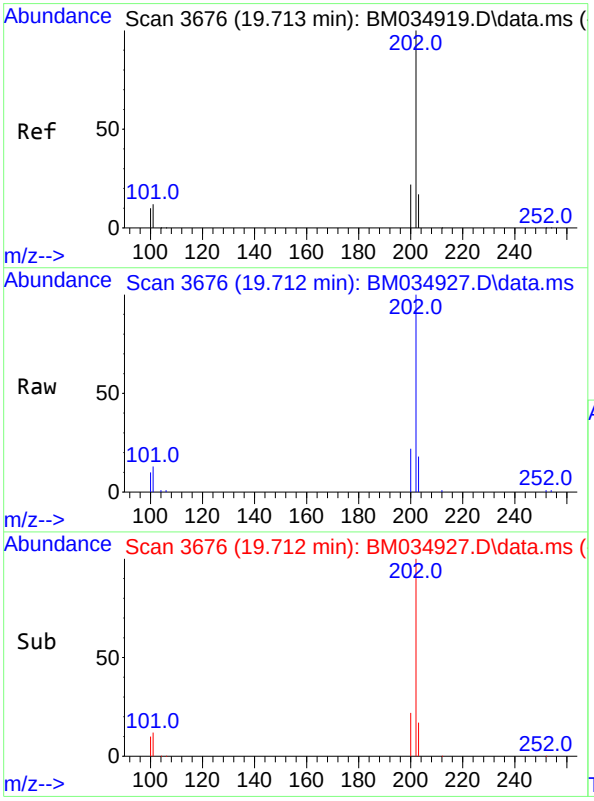
#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.350 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:202 Resp: 15925

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	8.7	7.2	10.8

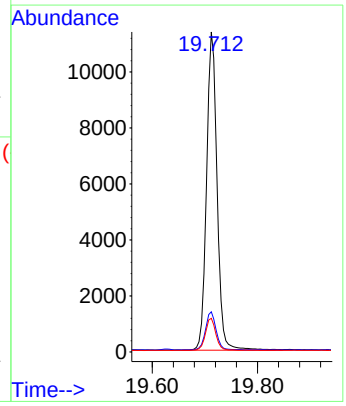


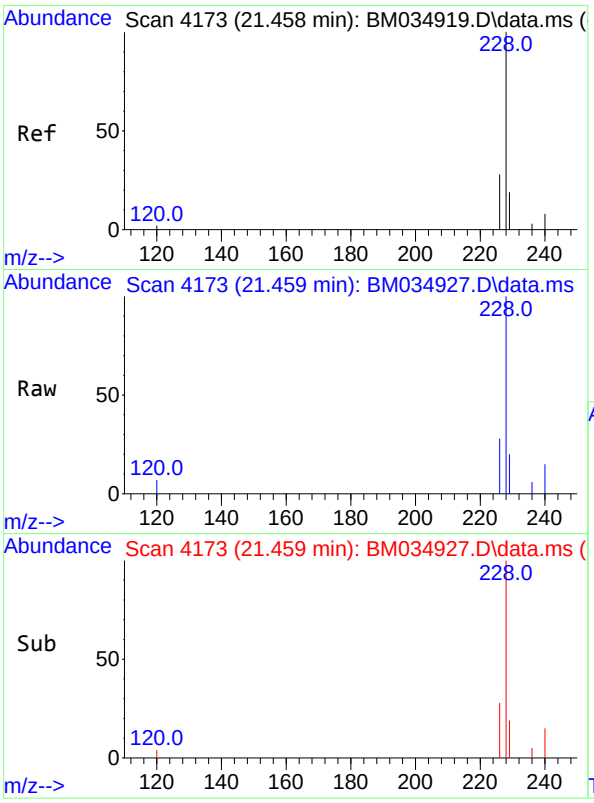


#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:202 Resp: 15771

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.3	13.9
100	10.5	7.8	11.6



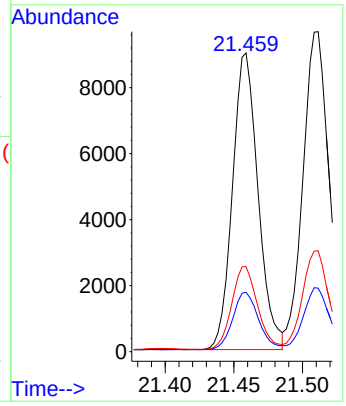


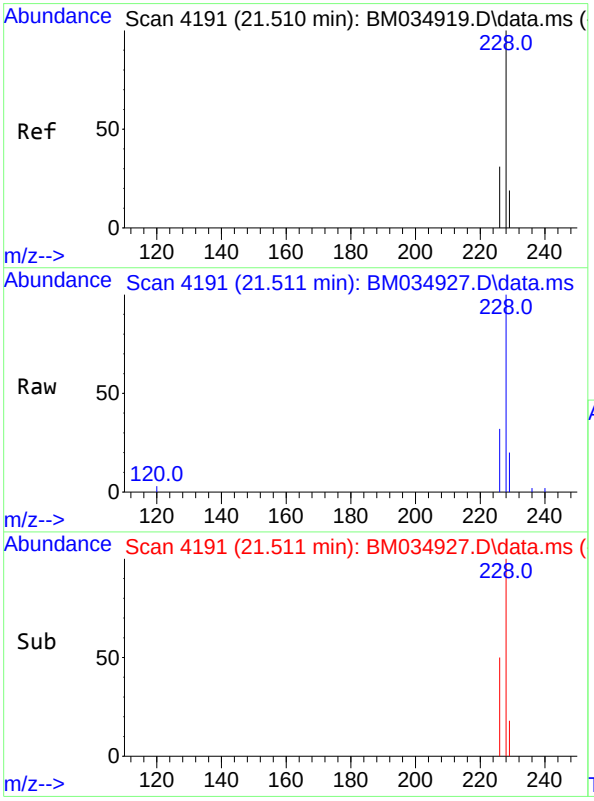
#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.459 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:228 Resp: 11660

Ion	Ratio	Lower	Upper
228	100		
229	19.9	17.3	25.9
226	28.5	23.2	34.8

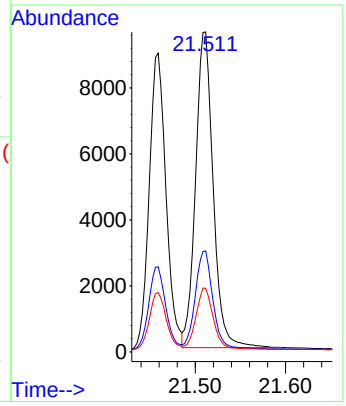


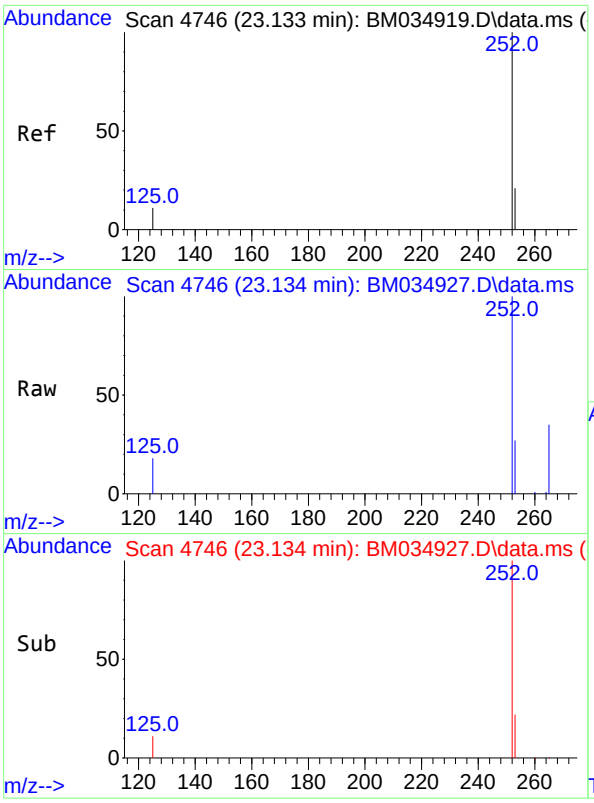


#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:228 Resp: 12927

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.8
229	19.9	16.7	25.1



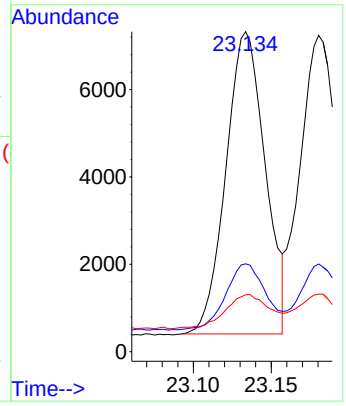


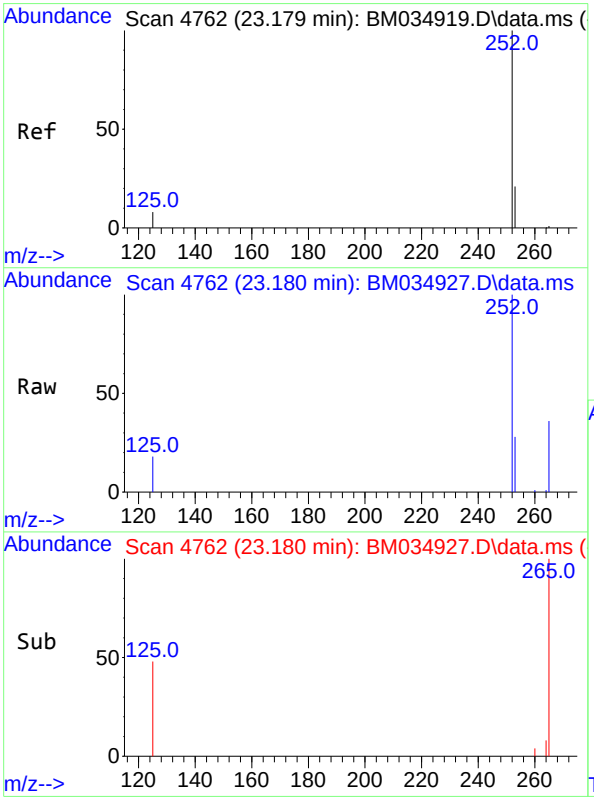
#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.134 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:252 Resp: 12138

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	64.2
125	17.8	0.0	28.8

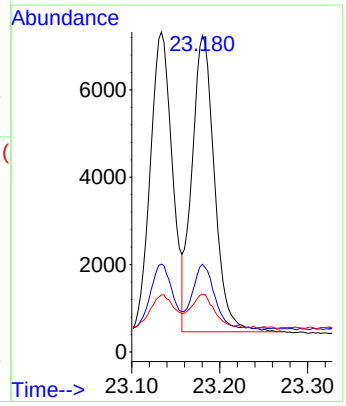


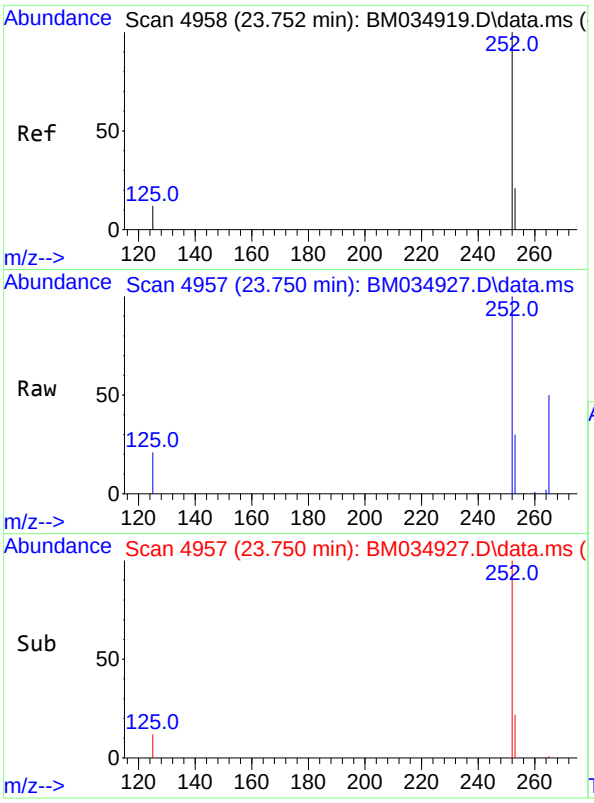


#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:252 Resp: 12101

Ion	Ratio	Lower	Upper
252	100		
253	27.7	26.8	40.2
125	18.2	12.0	18.0#



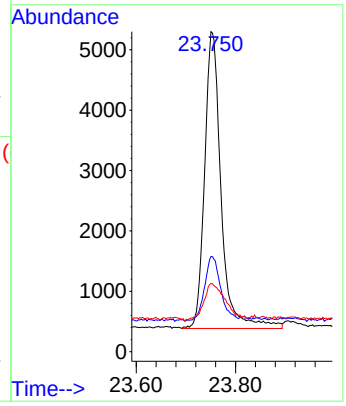


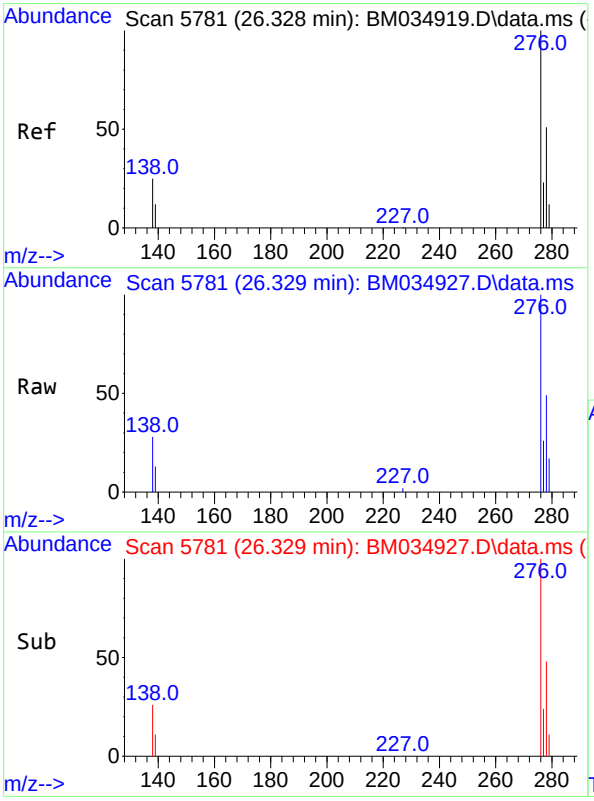
#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.750 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:252 Resp: 11318

Ion	Ratio	Lower	Upper
252	100		
253	29.7	32.0	48.0#
125	21.3	14.5	21.7

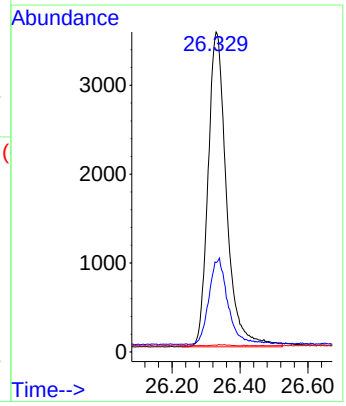


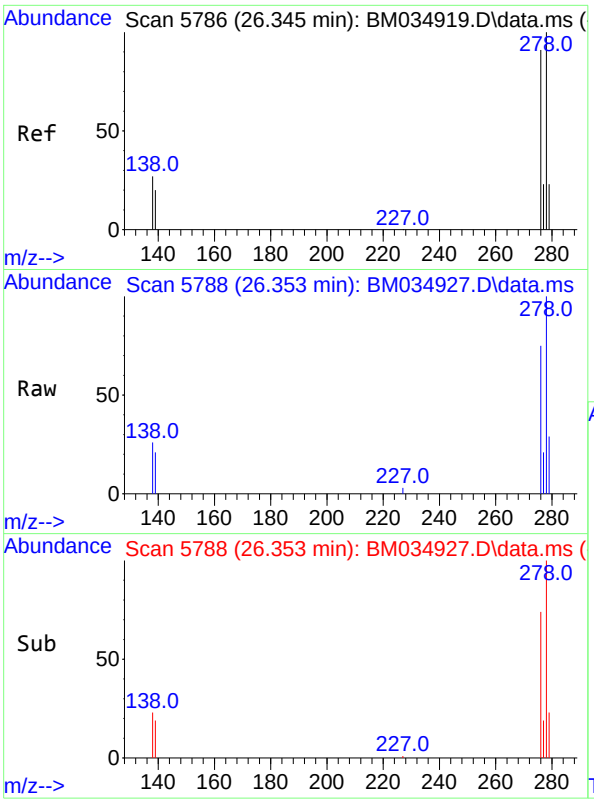


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:276 Resp: 13397

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.6#
227	0.1	0.0	0.0#



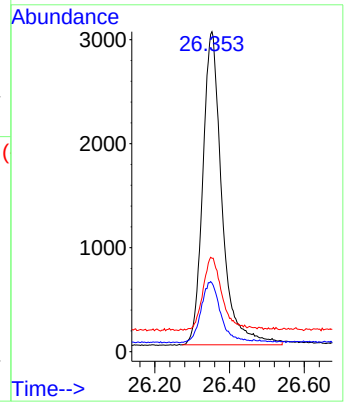


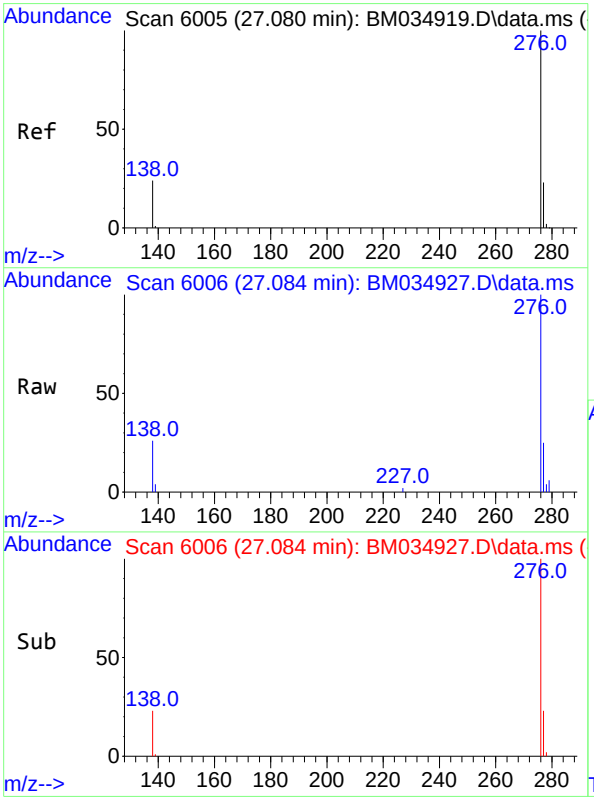
#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.353 min Scan# 5
Delta R.T. 0.001 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:278 Resp: 10729

Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.0	27.0
279	29.2	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.002 min
Lab File: BM034927.D
Acq: 04 May 2022 13:38

Tgt Ion:276 Resp: 11731

Ion	Ratio	Lower	Upper
276	100		
138	25.5	17.4	26.0
277	25.5	22.6	33.8