Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036849.D
Acq On : 07 Oct 2022 09:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Quant Time: Oct 08 02:21:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.968	152	5997	0.400	ng/ul		0.00
4) Naphthalene-d8	10.771	136	19265	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.589	164	10104	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.326	188	20771	0.400	ng/ul		0.00
17) Chrysene-d12	21.497	240	17509	0.400	ng/ul		0.00
23) Perylene-d12	23.899	264	14430	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.357	96	3268	0.386	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.354	152	11300	0.388	ng/ul		0.00
18) Fluoranthene-d10	19.345	212	21268	0.406	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	3169	0.383	ng/ul	#	84
5) Naphthalene	10.820	128	22077	0.401	ng/ul		97
7) 2-Methylnaphthalene	12.431	142	13293	0.395	ng/ul		93
8) 1-Methylnaphthalene	12.646	142	13565	0.396	ng/ul		99
10) Acenaphthylene	14.311	152	16353	0.389	ng/ul		99
11) Acenaphthene	14.654	153	14893	0.409	ng/ul		99
12) Fluorene	15.635	166	16661	0.403	ng/ul		98
14) Pentachlorophenol	16.997	266	1567	0.312	ng/ul		98
15) Phenanthrene	17.368	178	26655	0.402	ng/ul		99
16) Anthracene	17.461	178	21635	0.390	ng/ul		99
19) Fluoranthene	19.377	202	28421	0.408	ng/ul		99
20) Pyrene	19.740	202	29293	0.403	ng/ul		98
21) Benzo(a)anthracene	21.479	228	24913	0.394	ng/ul		99
22) Chrysene	21.532	228	27611	0.407	ng/ul		98
24) Benzo(b)fluoranthene	23.165	252	27205	0.422	ng/ul		94
25) Benzo(k)fluoranthene	23.212	252	26126	0.416	ng/ul		93
26) Benzo(a)pyrene	23.791	252	21460	0.410	ng/ul	#	90
27) Indeno(1,2,3-cd)pyrene	26.390	276	30416	0.411	ng/ul		99
28) Dibenzo(a,h)anthracene	26.413	278	24518	0.409	ng/ul	#	89
29) Benzo(g,h,i)perylene	27.158	276	27106	0.415	ng/ul		98

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

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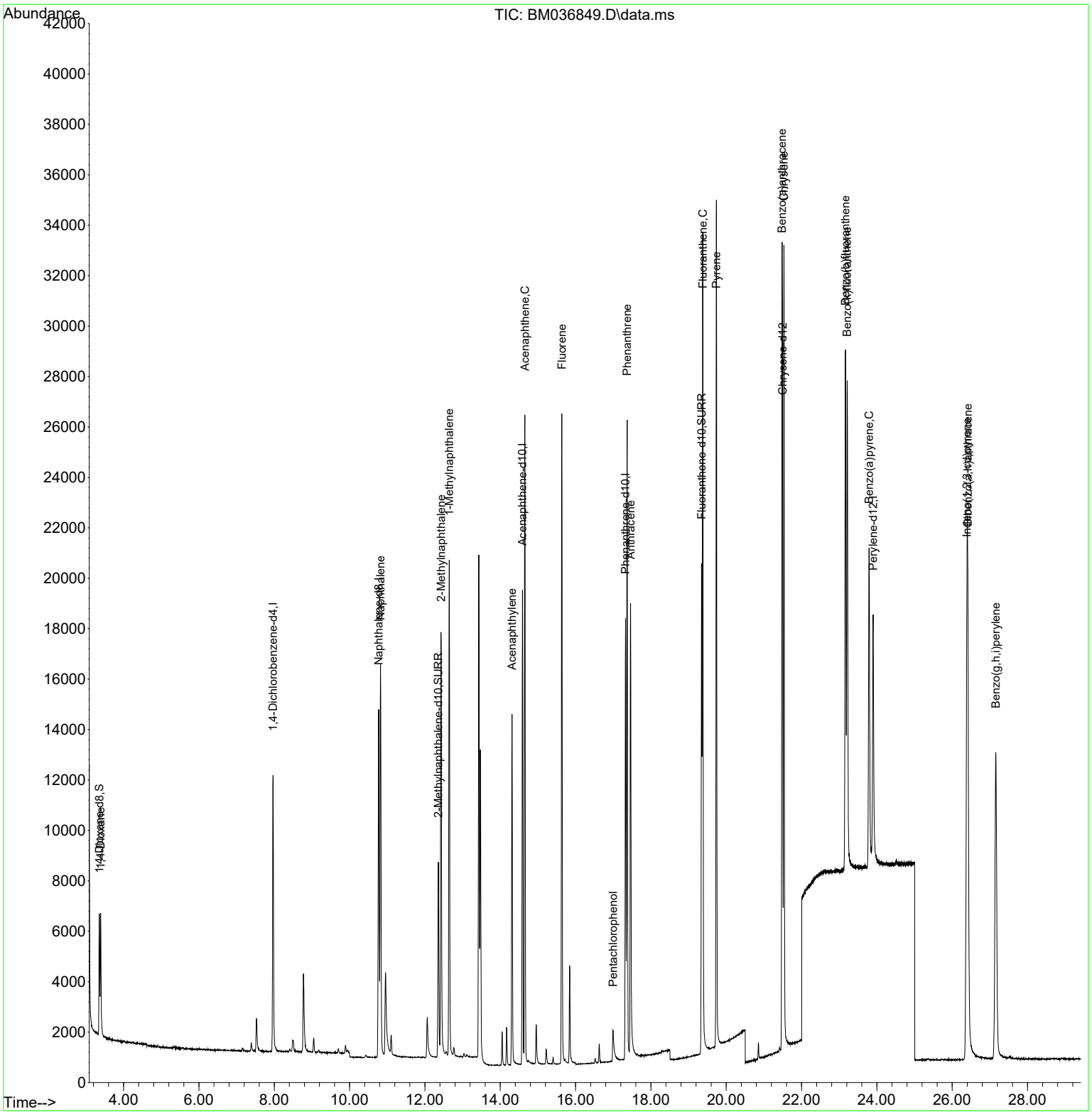
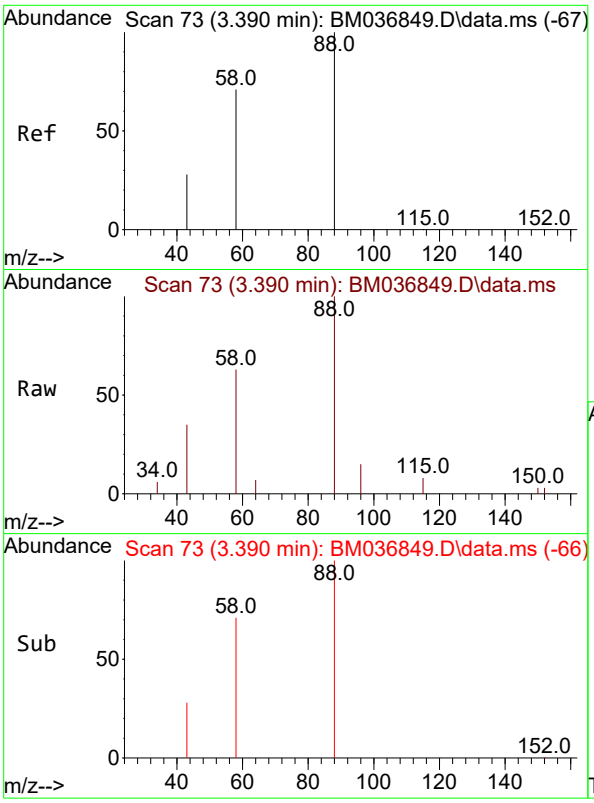


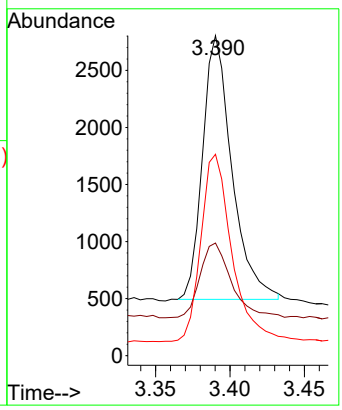


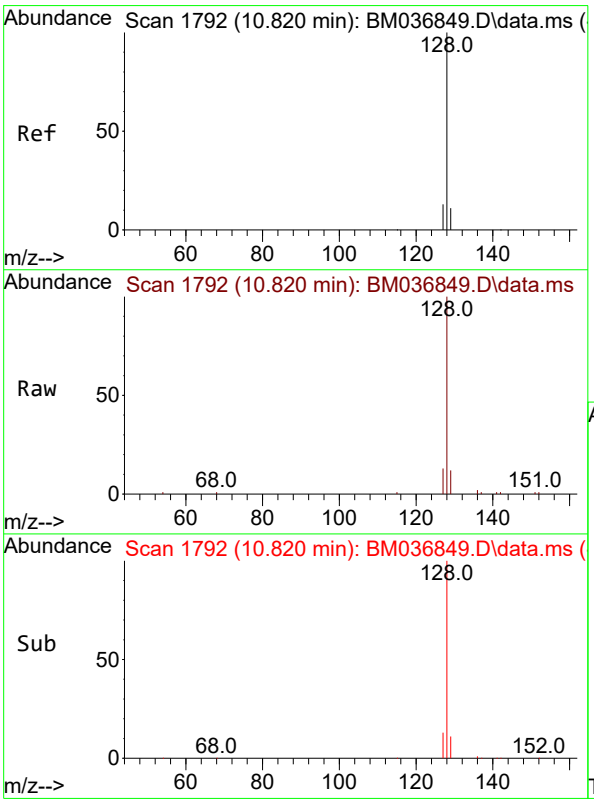
#2
1,4-Dioxane
Concen: 0.383 ng/ul
RT: 3.390 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion: 88 Resp: 3169

Ion	Ratio	Lower	Upper
88	100		
43	35.2	37.8	56.6#
58	62.9	42.6	63.8

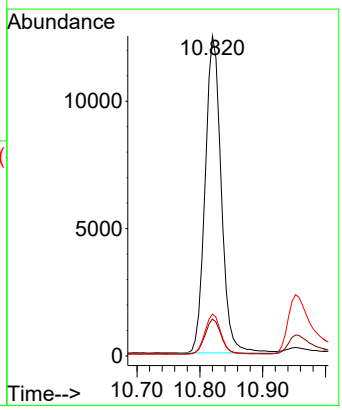


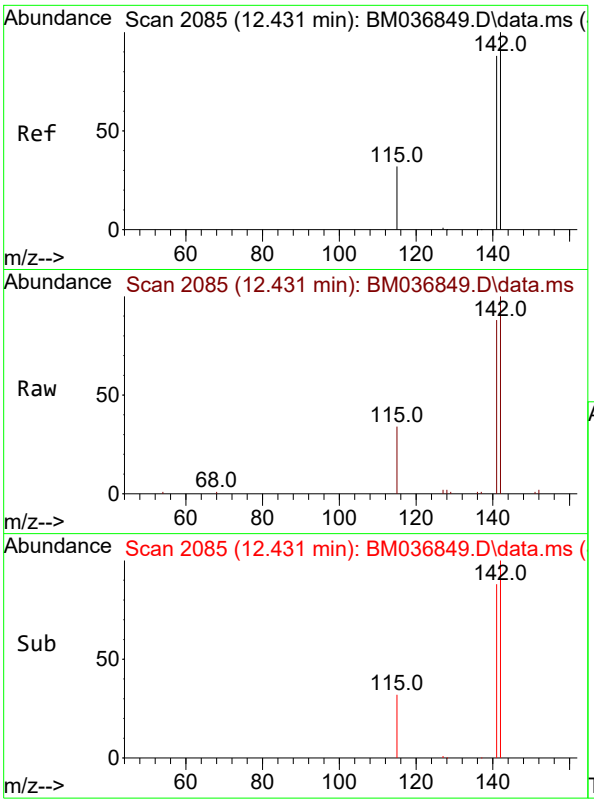


#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:128 Resp: 22077

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.0	11.7	17.5



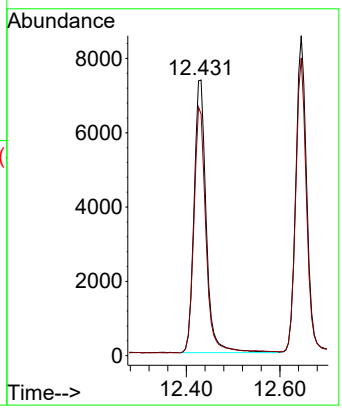


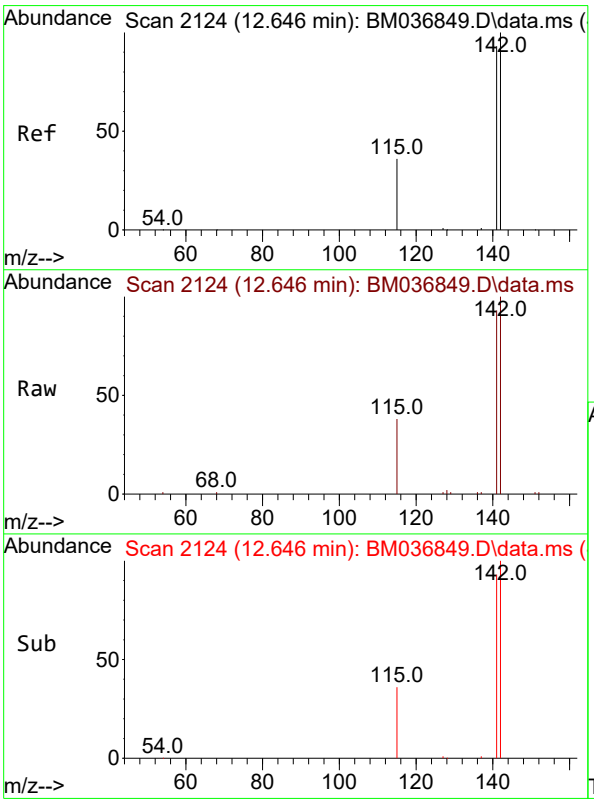
#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.431 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:142 Resp: 13293

Ion	Ratio	Lower	Upper
142	100		
141	89.5	77.4	116.0

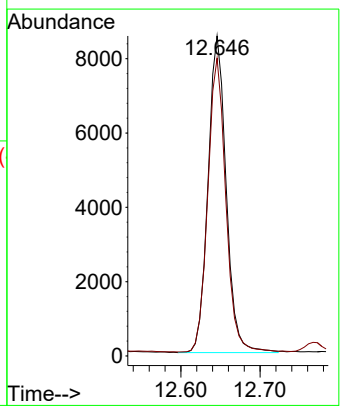


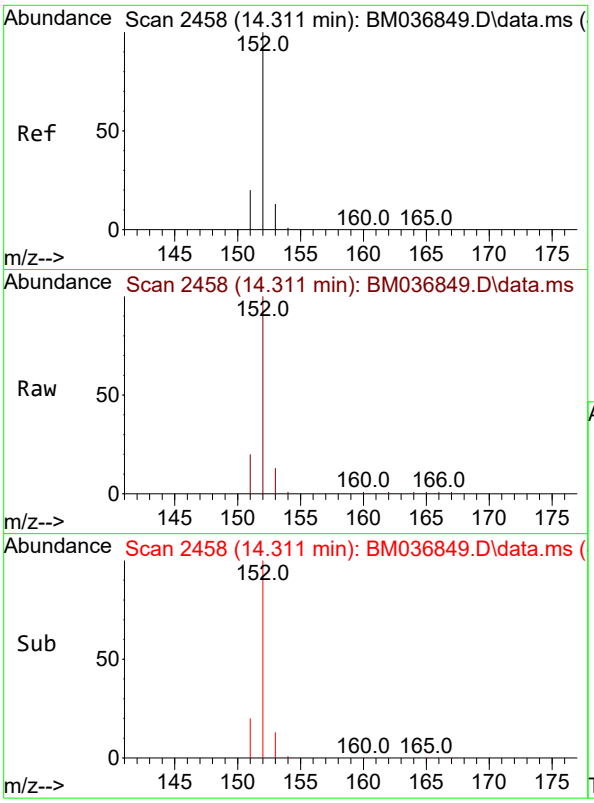


#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:142 Resp: 13565

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1



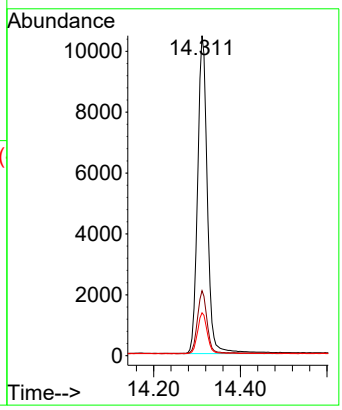


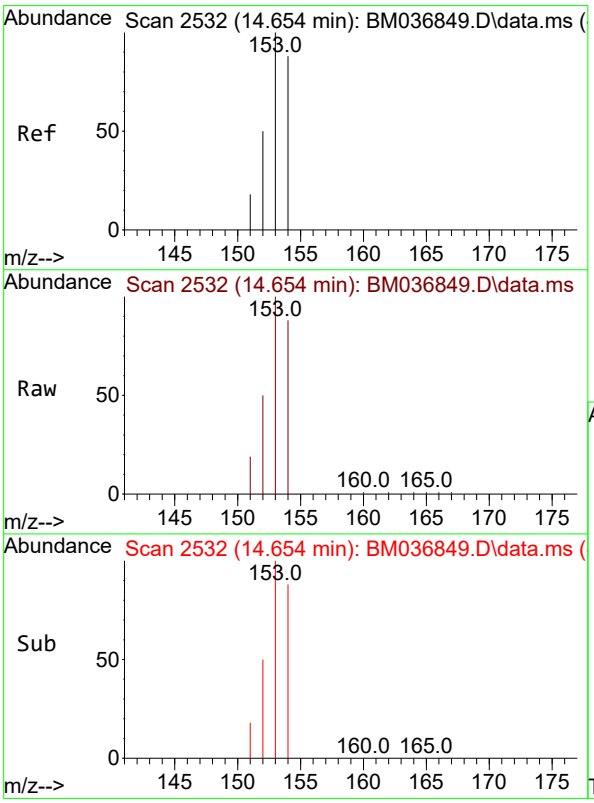
#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.311 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:152 Resp: 16353

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	13.4	11.4	17.0

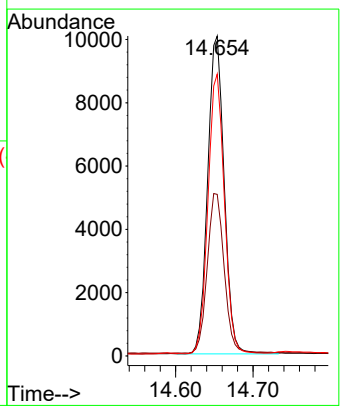


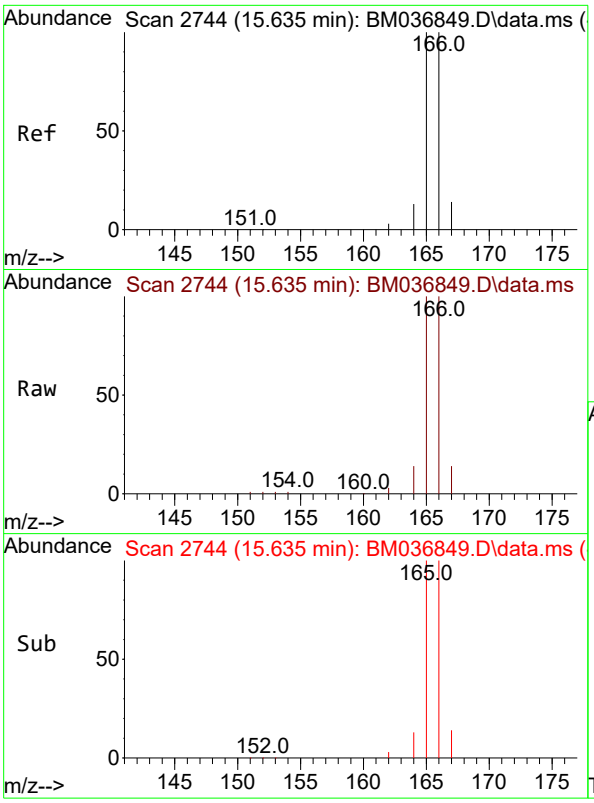


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:153 Resp: 14893

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.2	60.4
154	88.1	69.7	104.5



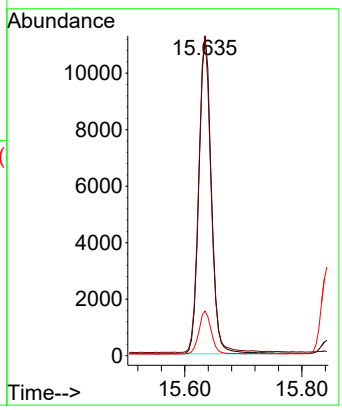


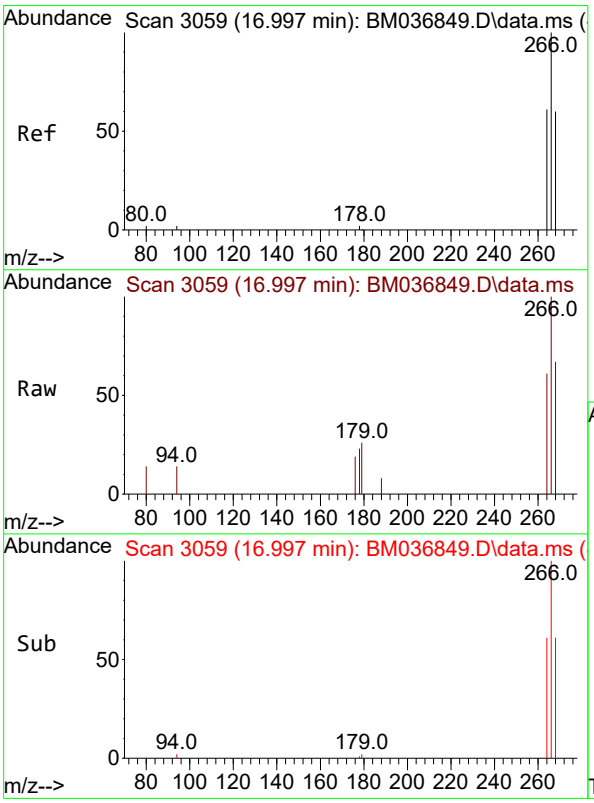
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.635 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:166 Resp: 16661

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.9	118.3
167	14.0	11.3	16.9

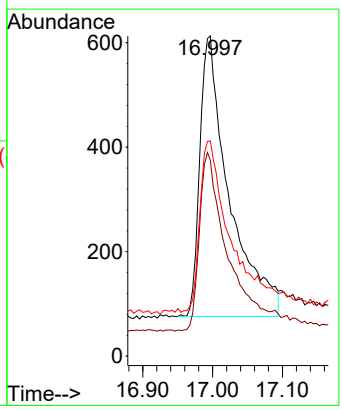


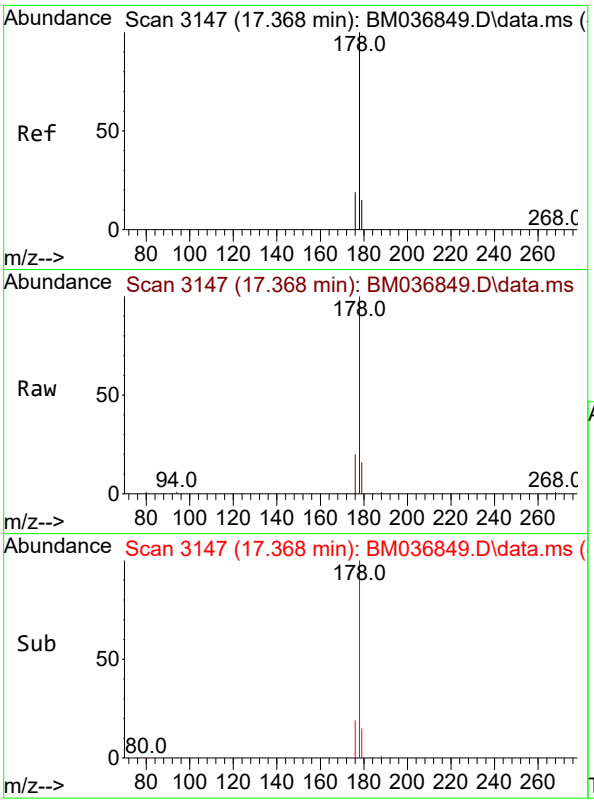


#14
Pentachlorophenol
Concen: 0.312 ng/ul
RT: 16.997 min Scan# 3059
Delta R.T. 0.008 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:266 Resp: 1567

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	64.6	53.5	80.3



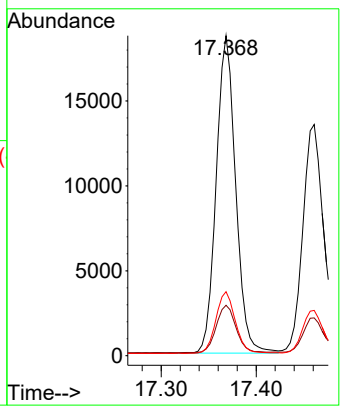


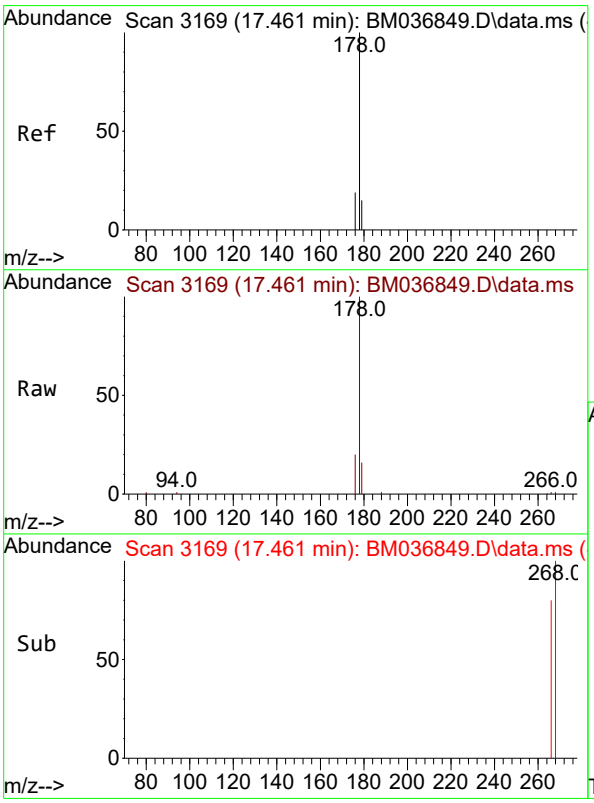
#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.368 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:178 Resp: 26655

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	20.0	15.6	23.4

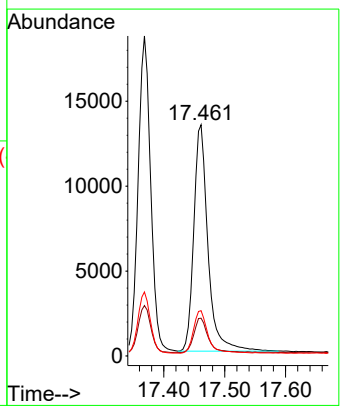


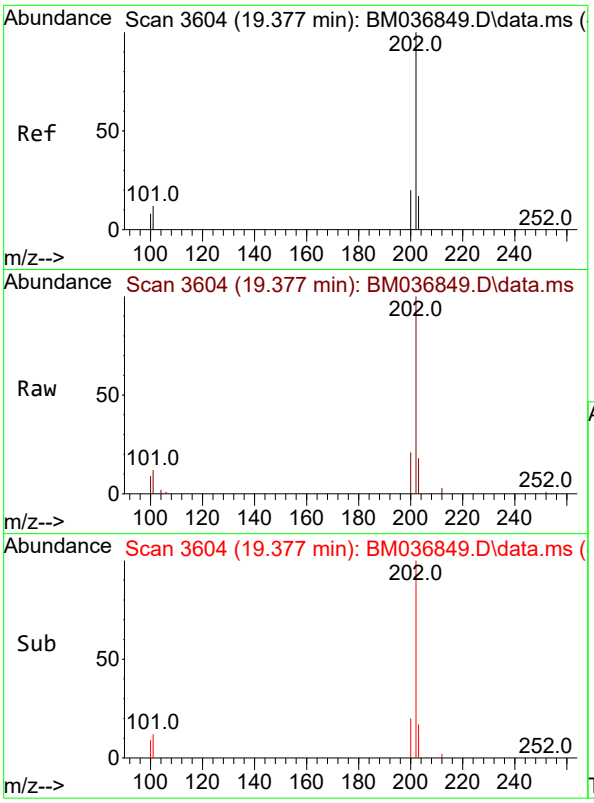


#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:178 Resp: 21635

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.6	20.4
176	19.6	15.6	23.4



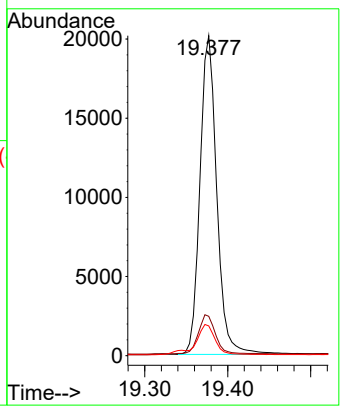


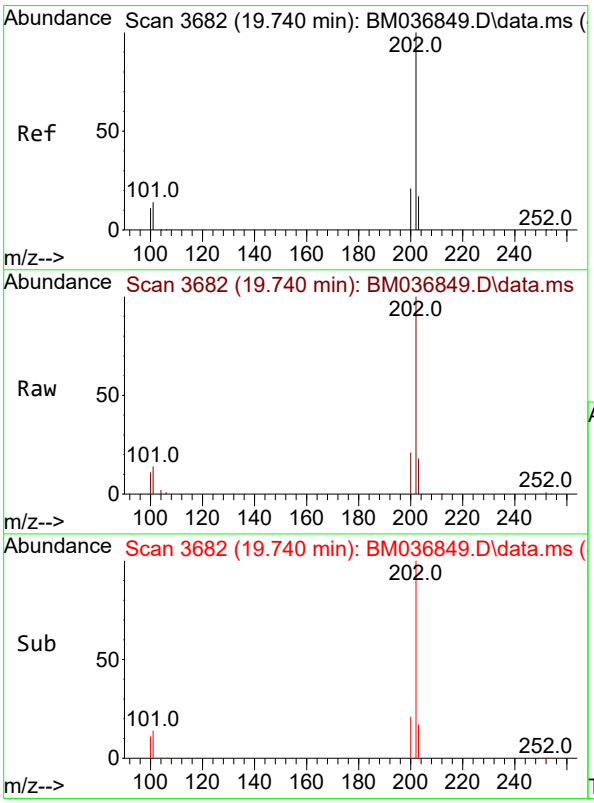
#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.377 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:202 Resp: 28421

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
100	9.3	7.9	11.9

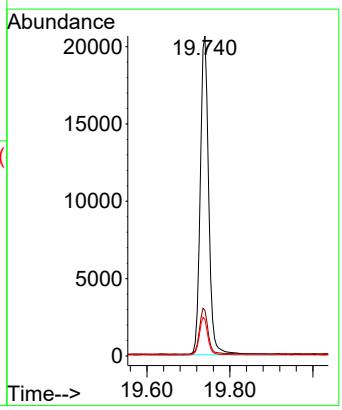


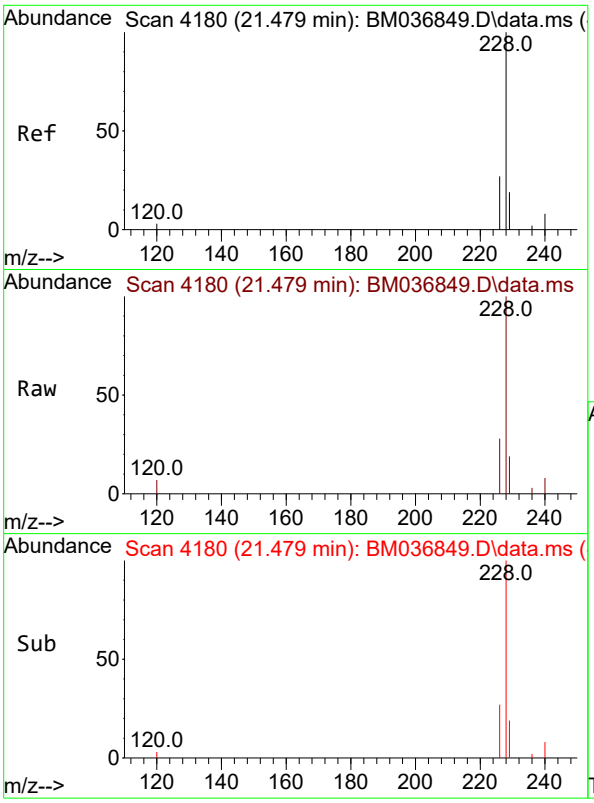


#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:202 Resp: 29293

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.0	18.0
100	11.4	9.8	14.6



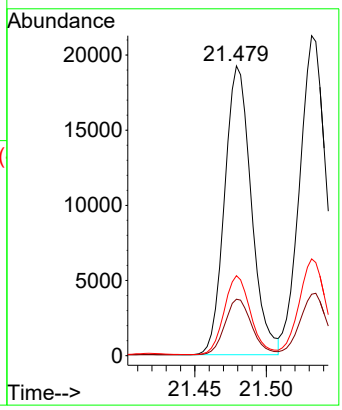


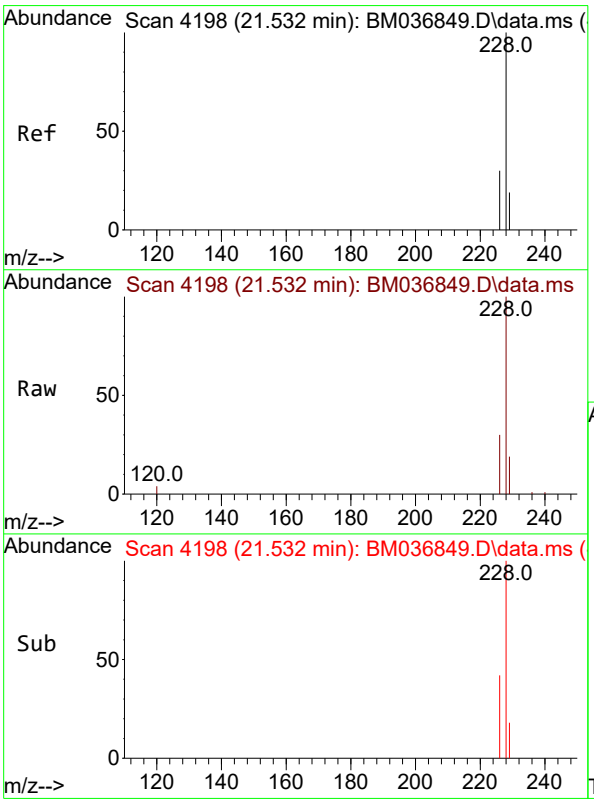
#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.479 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:228 Resp: 24913

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.2	24.2
226	27.6	22.5	33.7

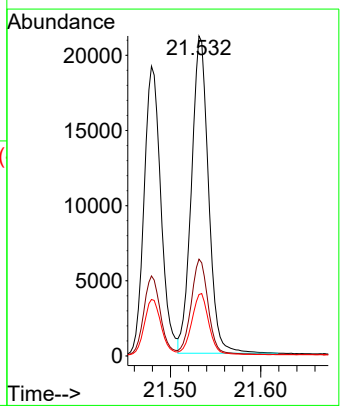


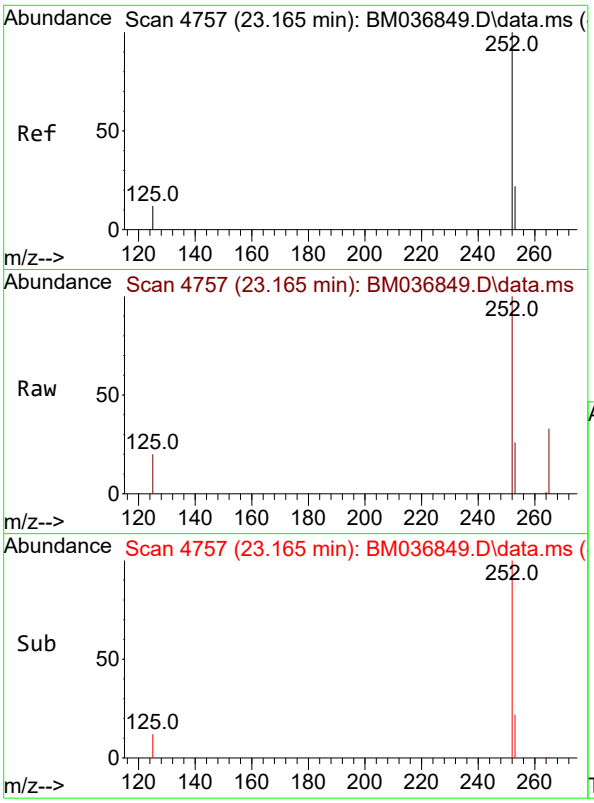


#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:228 Resp: 27611

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.2	16.4	24.6



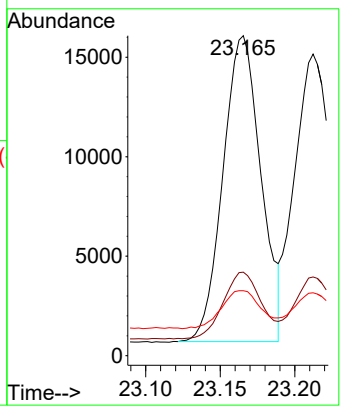


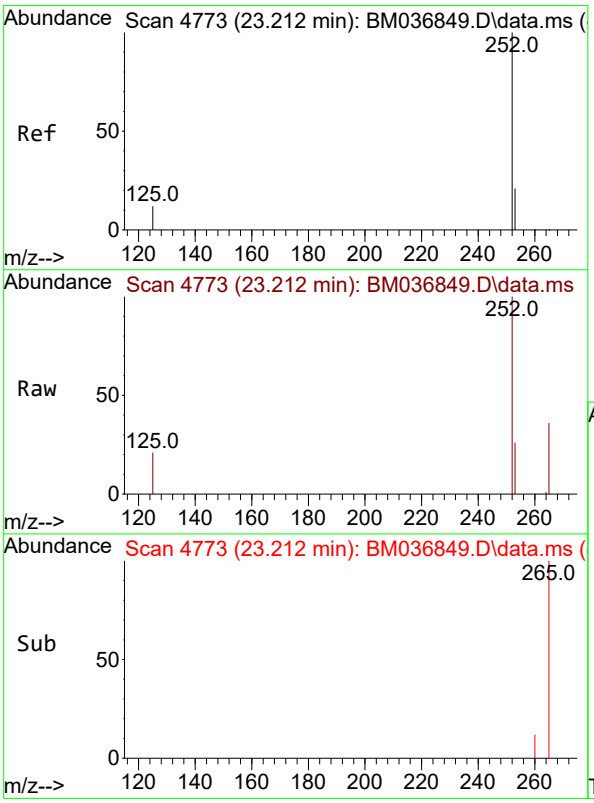
#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.165 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:252 Resp: 27205

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	61.4
125	20.3	0.0	42.6

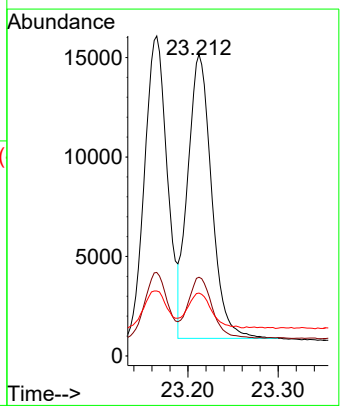


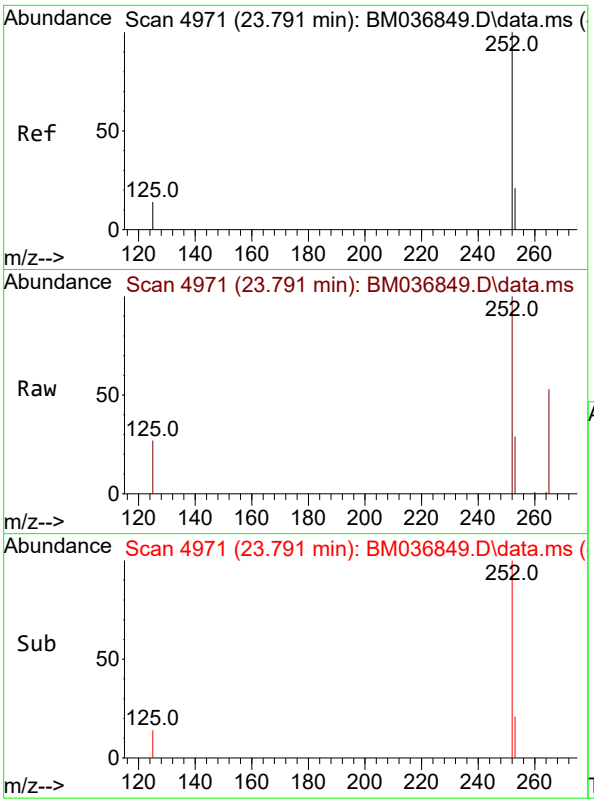


#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.005 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:252 Resp: 26126

Ion	Ratio	Lower	Upper
252	100		
253	26.1	25.2	37.8
125	20.9	18.3	27.5



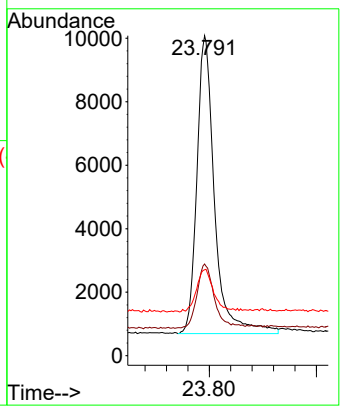


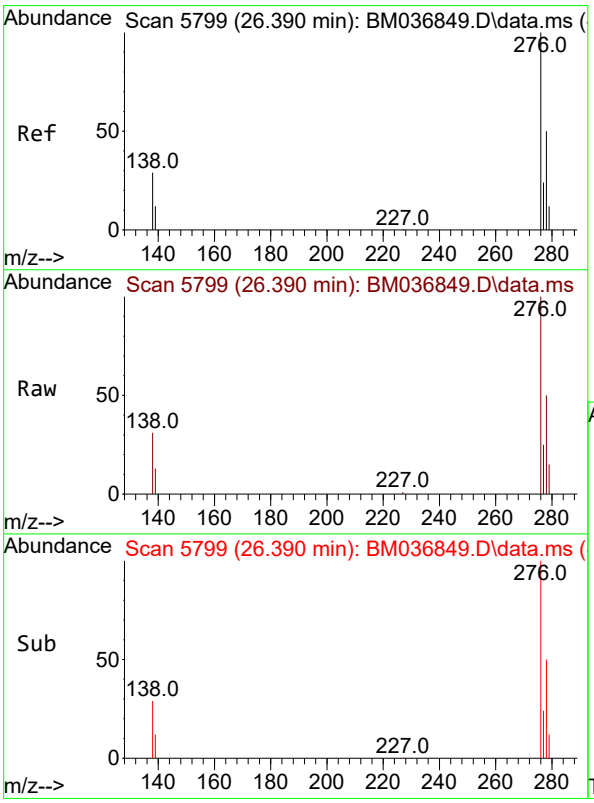
#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.791 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:252 Resp: 21460

Ion	Ratio	Lower	Upper
252	100		
253	28.7	29.7	44.5#
125	26.8	23.6	35.4

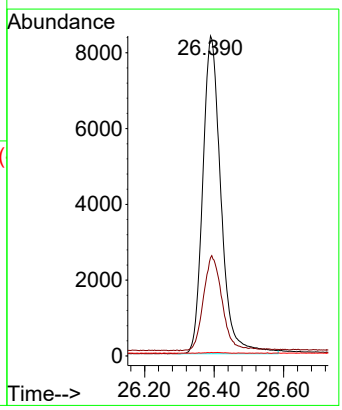


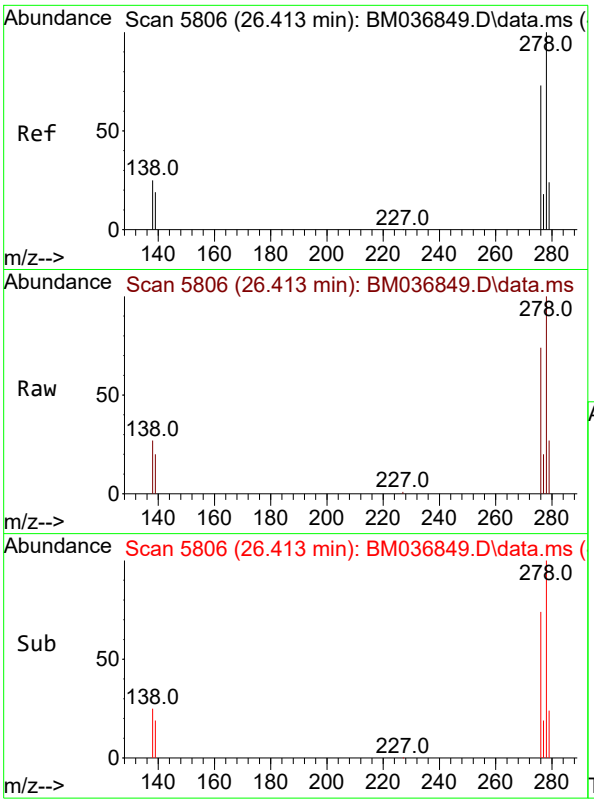


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 26.390 min Scan# 5799
Delta R.T. -0.010 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:276 Resp: 30416

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.9	35.9
227	0.1	0.1	0.1



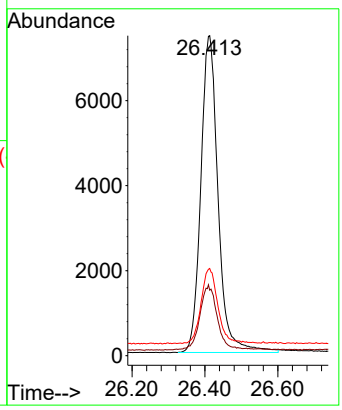


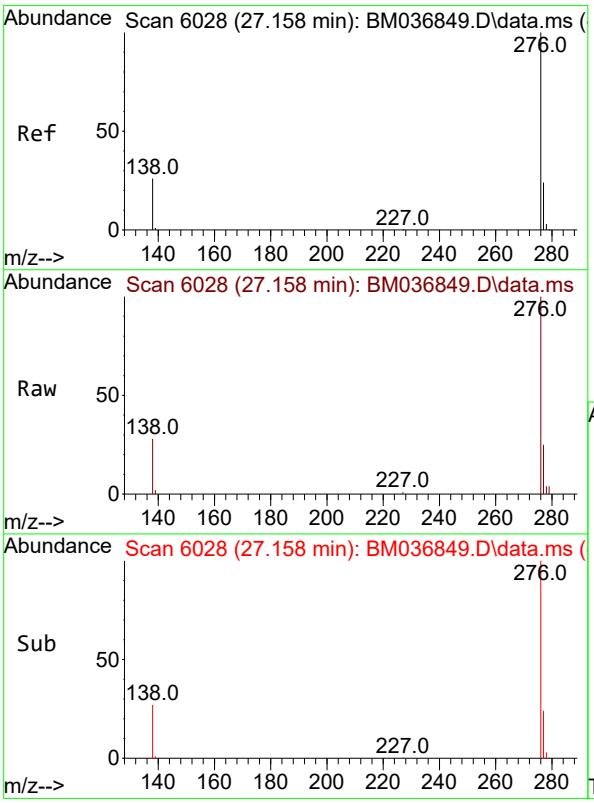
#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.413 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4133

Tgt Ion:278 Resp: 24518

Ion	Ratio	Lower	Upper
278	100		
139	20.5	19.8	29.6
279	27.3	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 27.158 min Scan# 6028
Delta R.T. -0.006 min
Lab File: BM036849.D
Acq: 07 Oct 2022 09:44

Tgt Ion:276 Resp: 27106

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.4	35.0
277	25.1	21.0	31.4