Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038306.D
Acq On : 25 Dec 2022 13:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 115 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 25 23:55:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	8317	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	4584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	8966	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	5730	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	6172	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	1091	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	5018	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	8642	0.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.427	88	1015	0.369	ng/ul#	92
5) Naphthalene	10.889	128	9703	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.489	142	6290	0.415	ng/ul	99
8) 1-Methylnaphthalene	12.709	142	6485	0.418	ng/ul	100
10) Acenaphthylene	14.379	152	10154	0.401	ng/ul	99
11) Acenaphthene	14.717	153	7377	0.408	ng/ul	99
12) Fluorene	15.698	166	8030	0.410	ng/ul	98
14) Pentachlorophenol	17.050	266	2079	0.465	ng/ul	97
15) Phenanthrene	17.434	178	12054	0.402	ng/ul	100
16) Anthracene	17.527	178	11613	0.403	ng/ul	99
19) Fluoranthene	19.445	202	13454	0.429	ng/ul	98
20) Pyrene	19.808	202	13749	0.433	ng/ul	97
21) Benzo(a)anthracene	21.547	228	11122	0.443	ng/ul	98
22) Chrysene	21.603	228	10866	0.444	ng/ul	99
24) Benzo(b)fluoranthene	23.257	252	11210	0.410	ng/ul	98
25) Benzo(k)fluoranthene	23.307	252	10892	0.415	ng/ul	98
26) Benzo(a)pyrene	23.900	252	9844	0.413	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.565	276	13339	0.403	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.579	278	10259	0.399	ng/ul	100
29) Benzo(g,h,i)perylene	27.353	276	11034	0.397	ng/ul	98

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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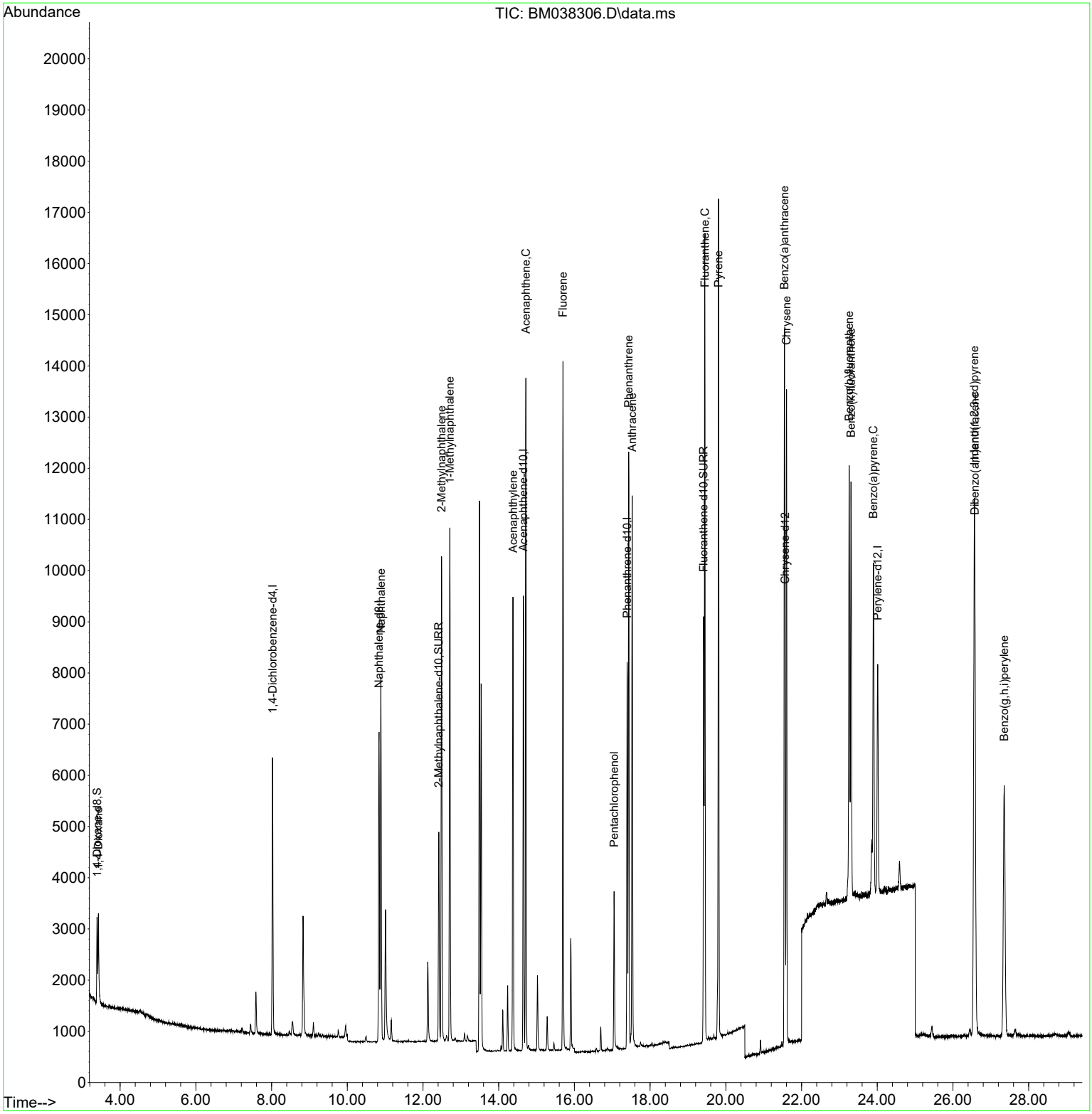
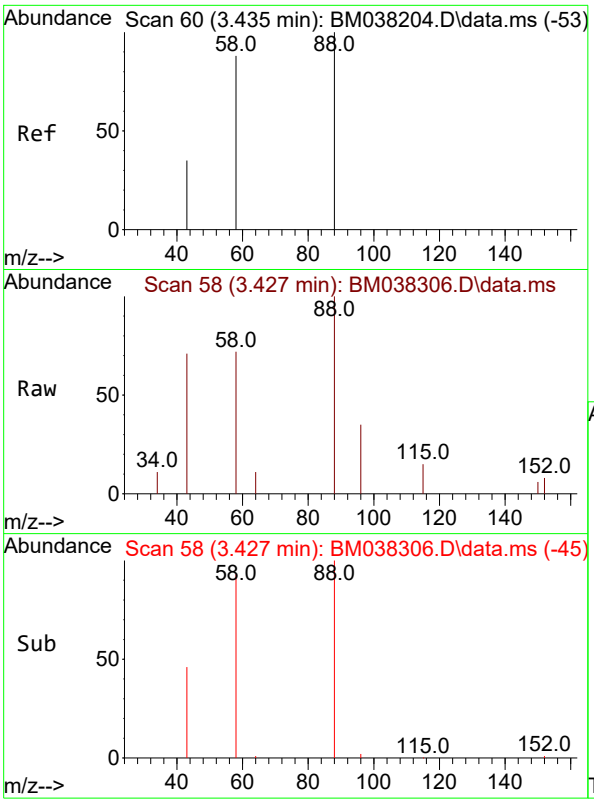


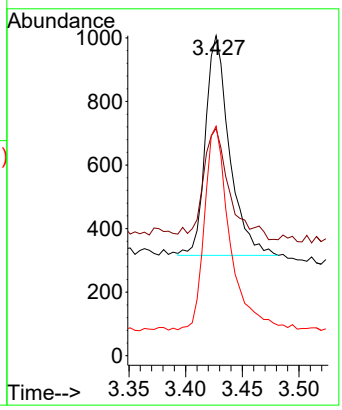


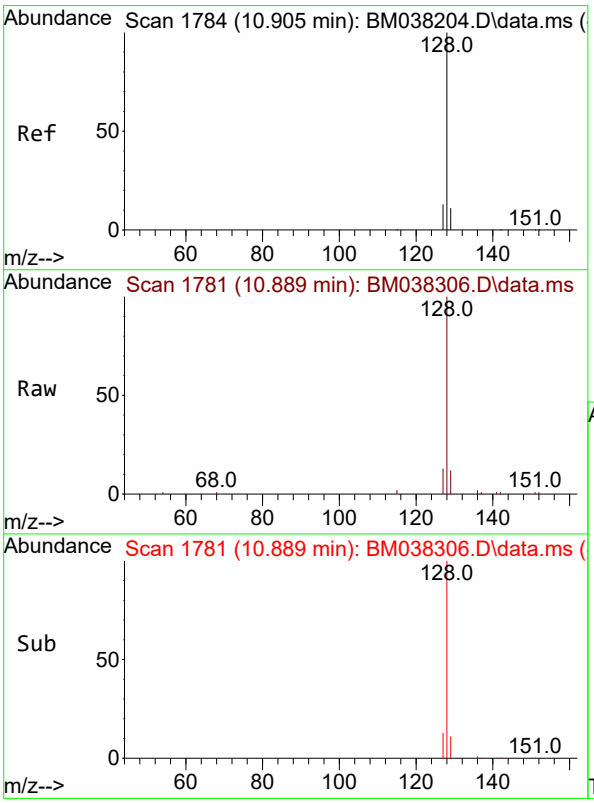
#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.427 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1015

Ion	Ratio	Lower	Upper
88	100		
43	71.0	46.4	69.6#
58	71.7	56.9	85.3

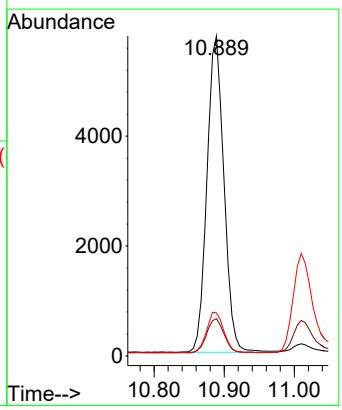


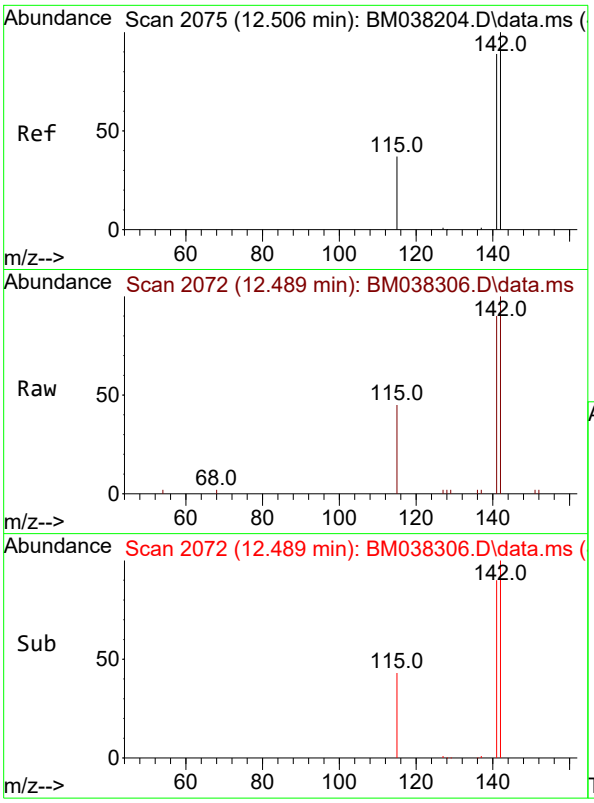


#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:128 Resp: 9703

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.4	10.7	16.1



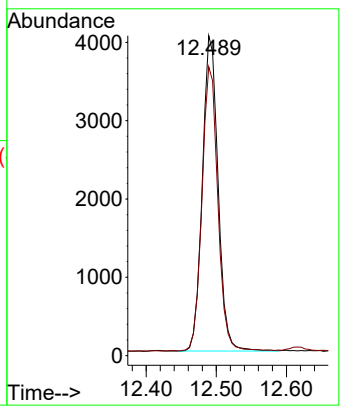


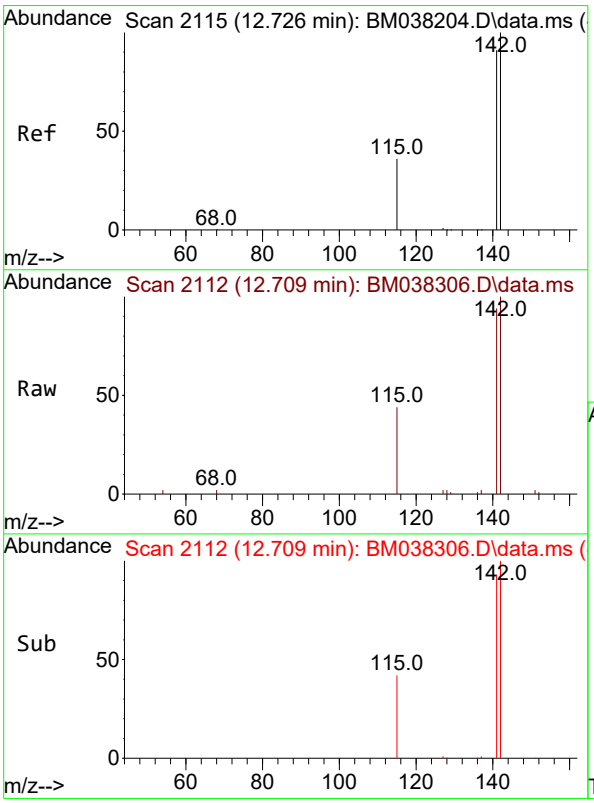
#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.489 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 6290

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9

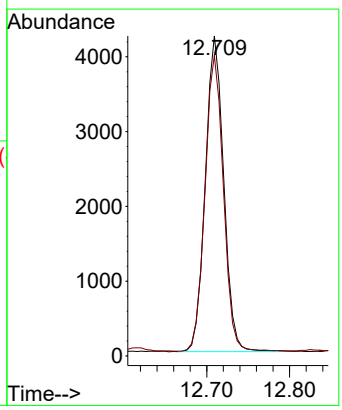


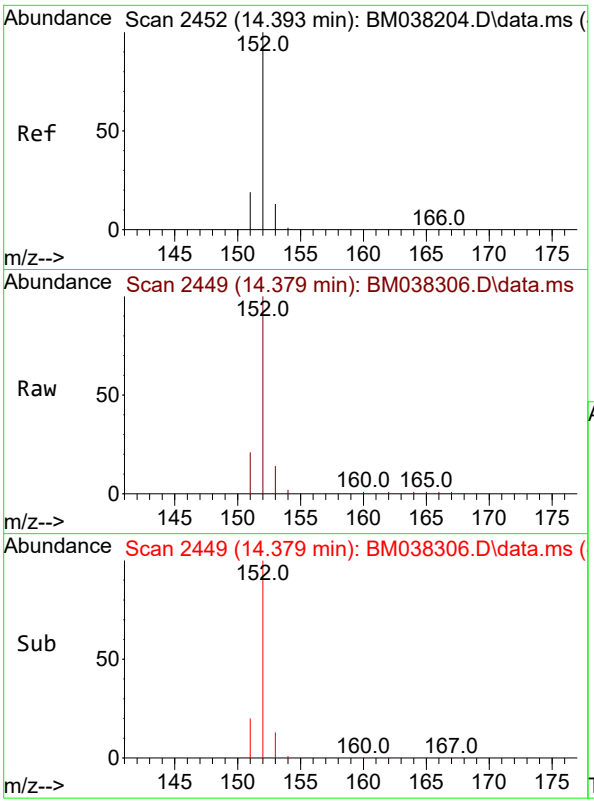


#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:142 Resp: 6485

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.7	112.1



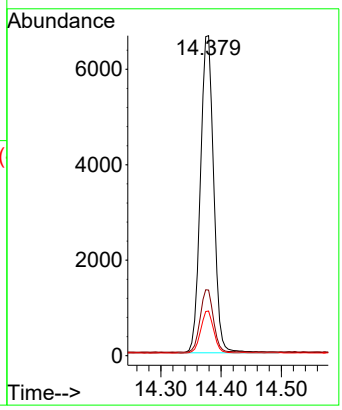


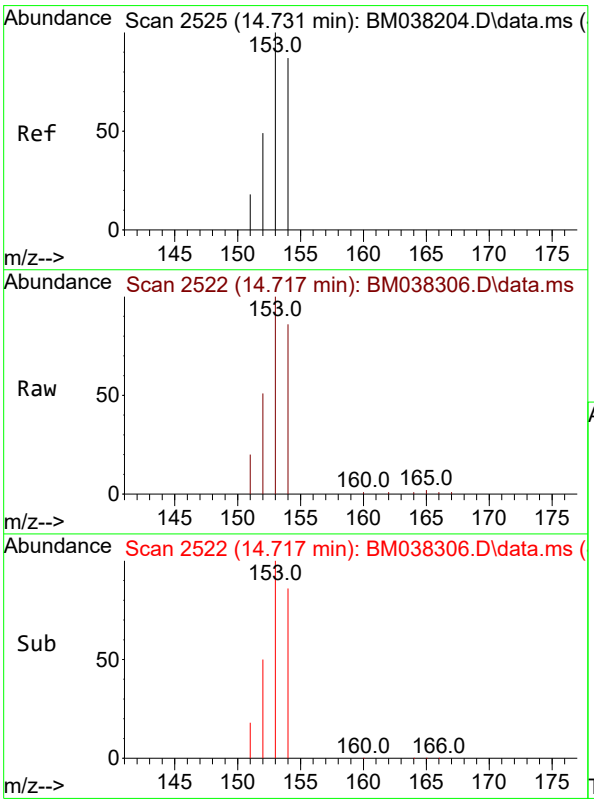
#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.379 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 10154

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	14.0	10.7	16.1

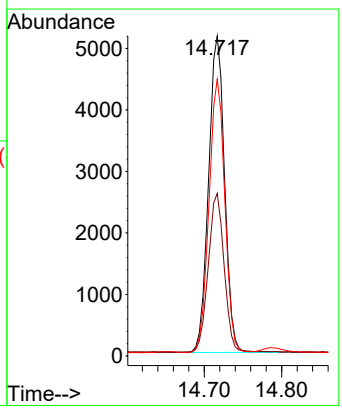


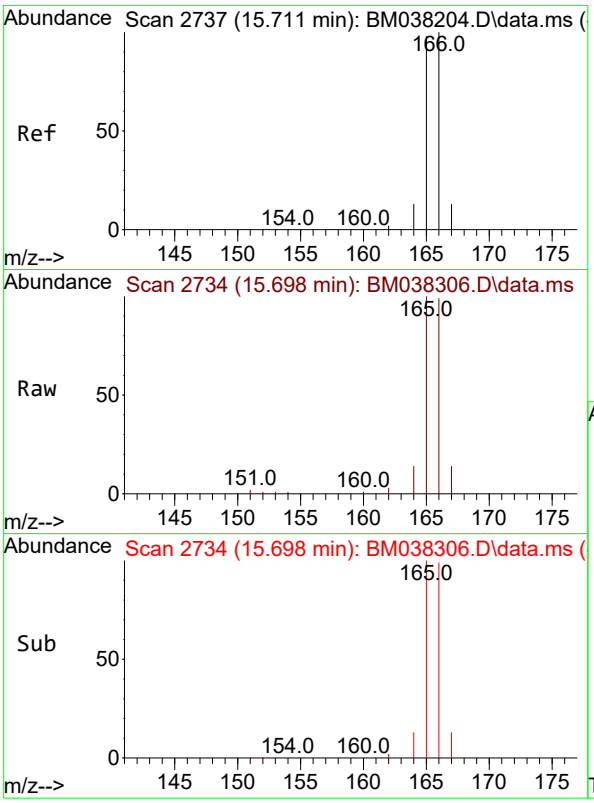


#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.717 min Scan# 2522
Delta R.T. -0.005 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:153 Resp: 7377

Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.4	59.0
154	86.5	69.0	103.4



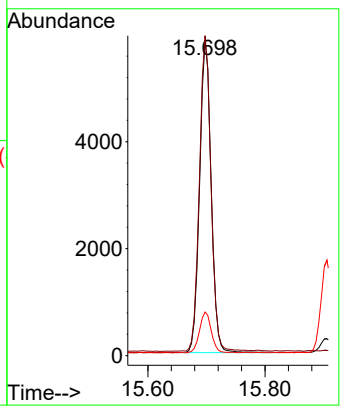


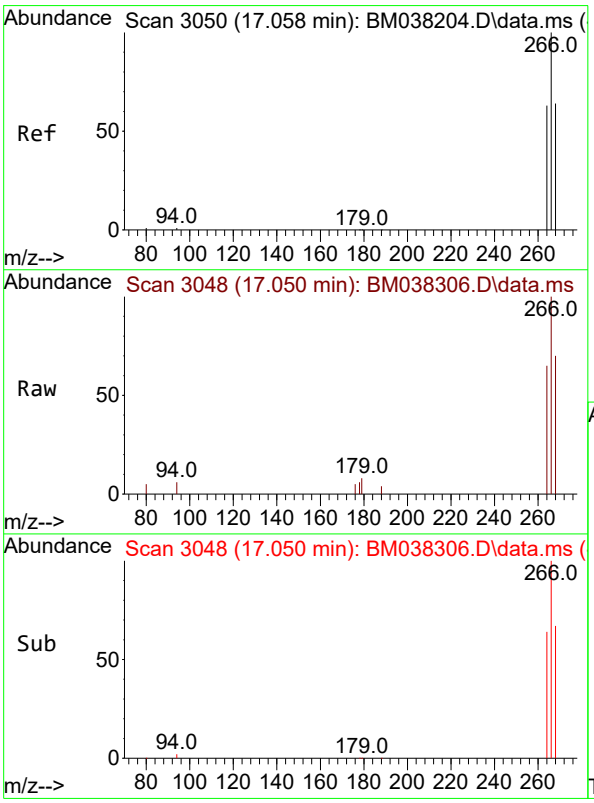
#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.698 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 8030

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.0	118.6
167	13.8	11.0	16.6

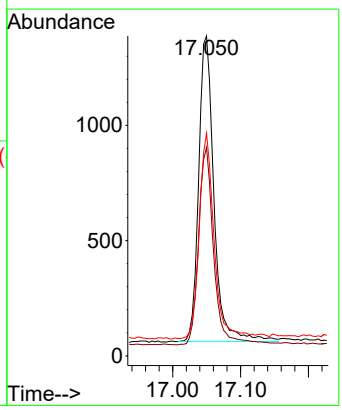


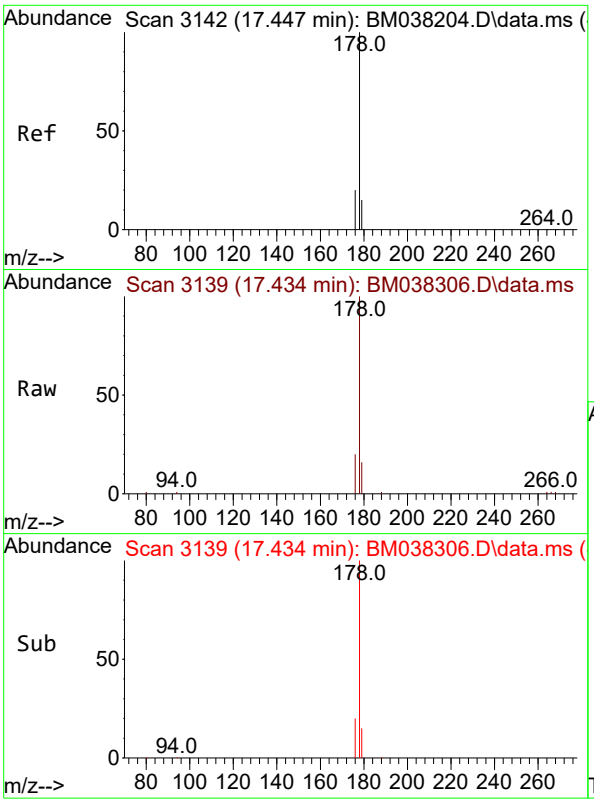


#14
Pentachlorophenol
Concen: 0.465 ng/ul
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:266 Resp: 2079

Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.9	74.9
268	67.0	51.2	76.8



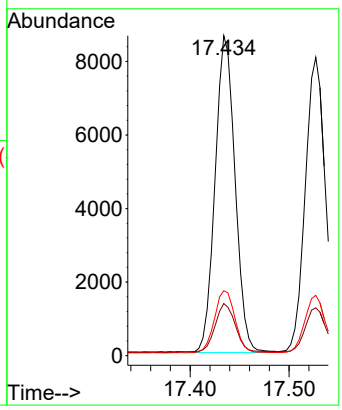


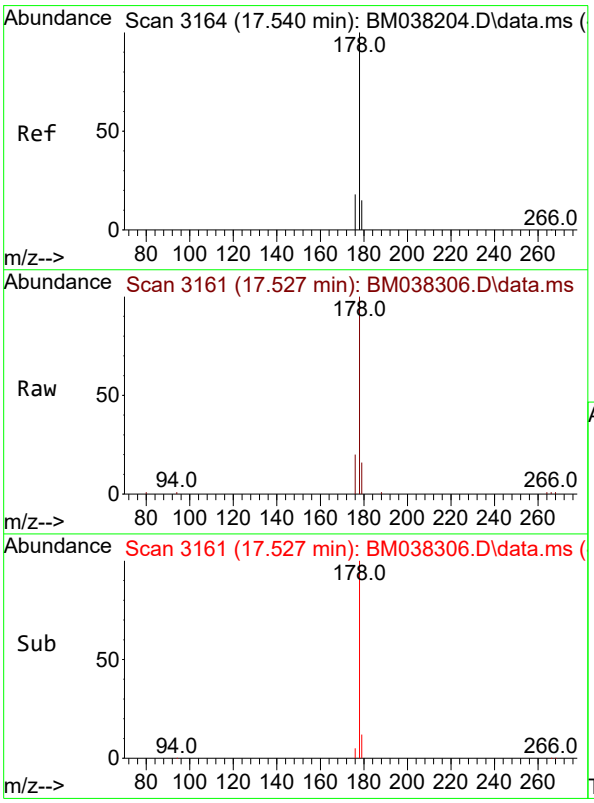
#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 12054

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	20.3	16.2	24.4

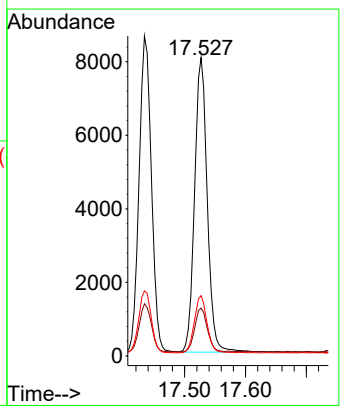


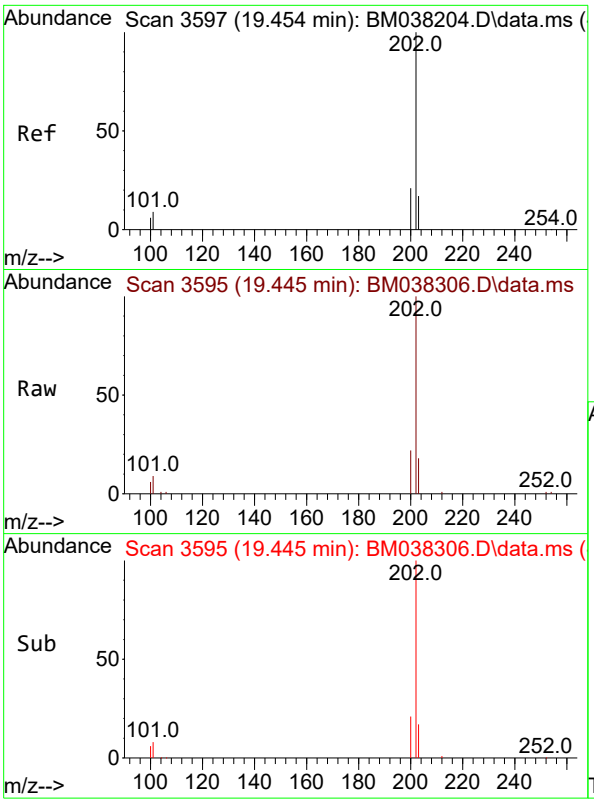


#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:178 Resp: 11613

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	20.2	15.6	23.4



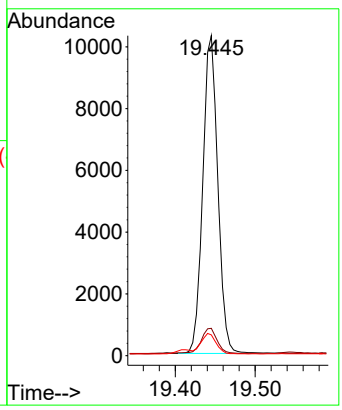


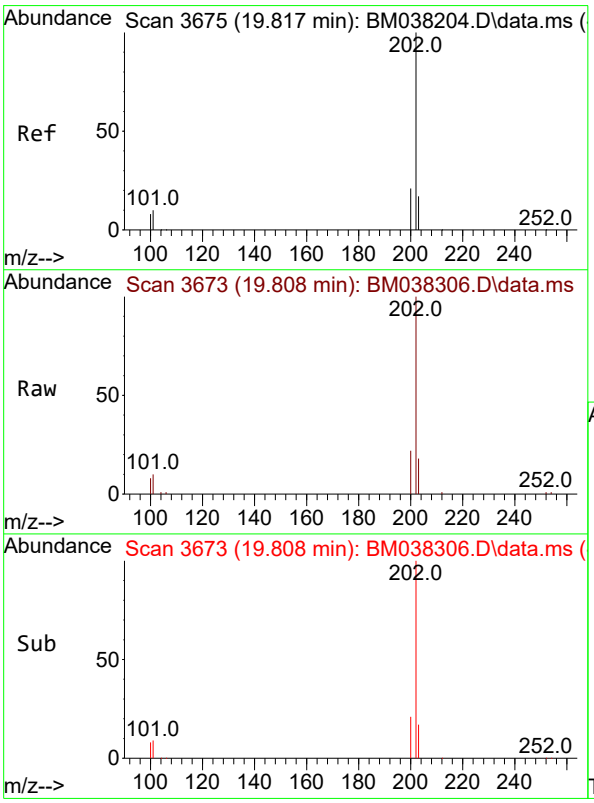
#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 13454

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.5	11.3
100	6.5	5.6	8.4

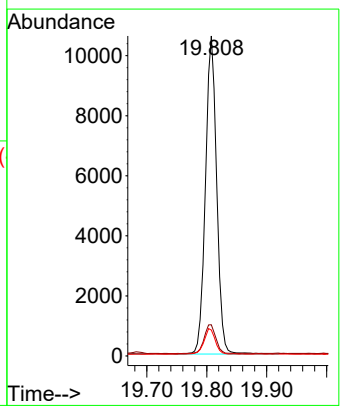


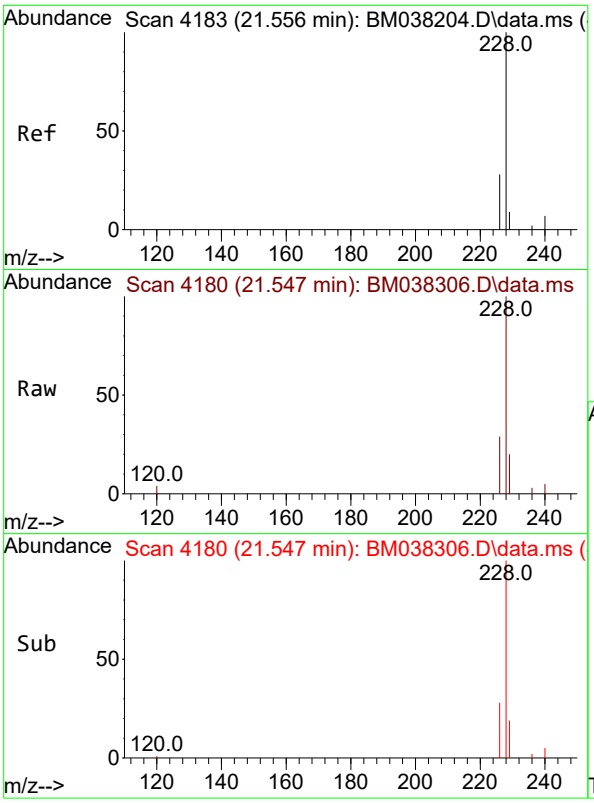


#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:202 Resp: 13749

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.9	13.3
100	8.1	7.4	11.0



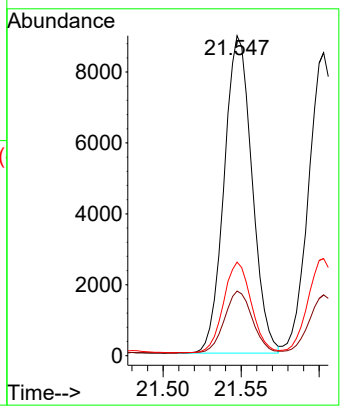


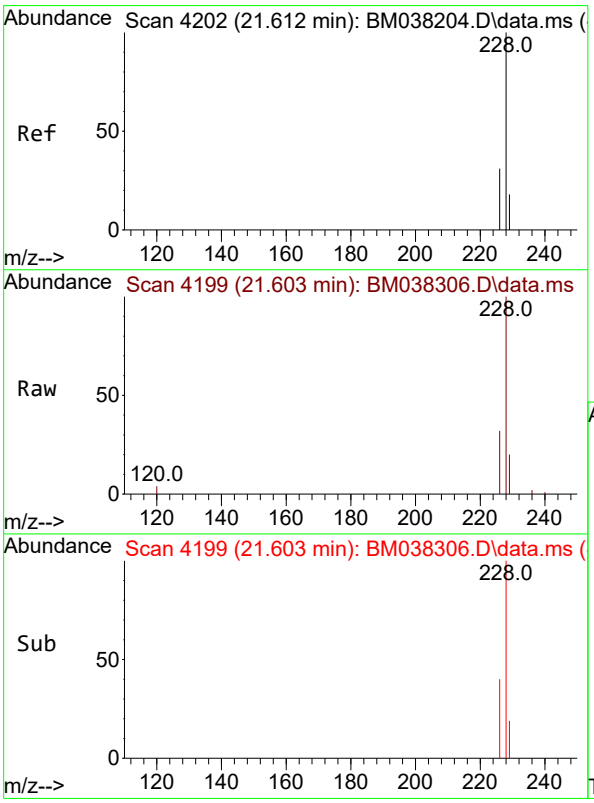
#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.547 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 11122

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	29.3	22.2	33.2

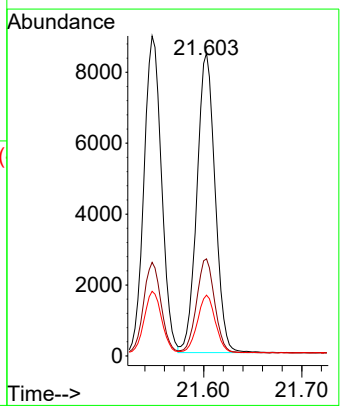


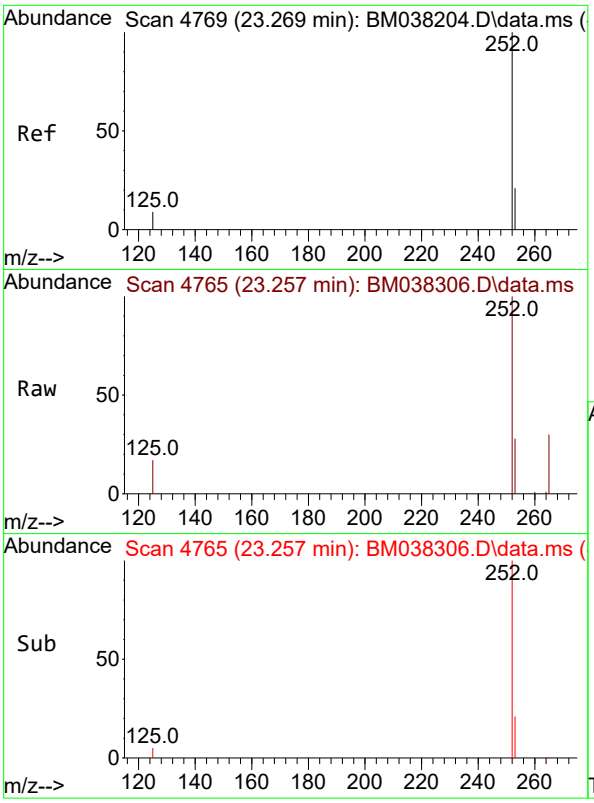


#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:228 Resp: 10866

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.4
229	20.1	16.0	24.0



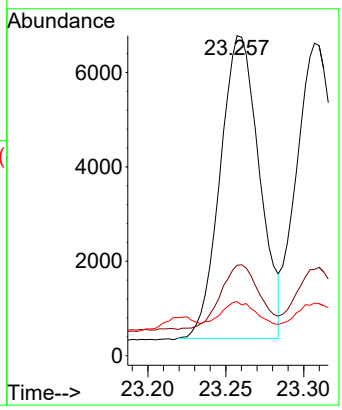


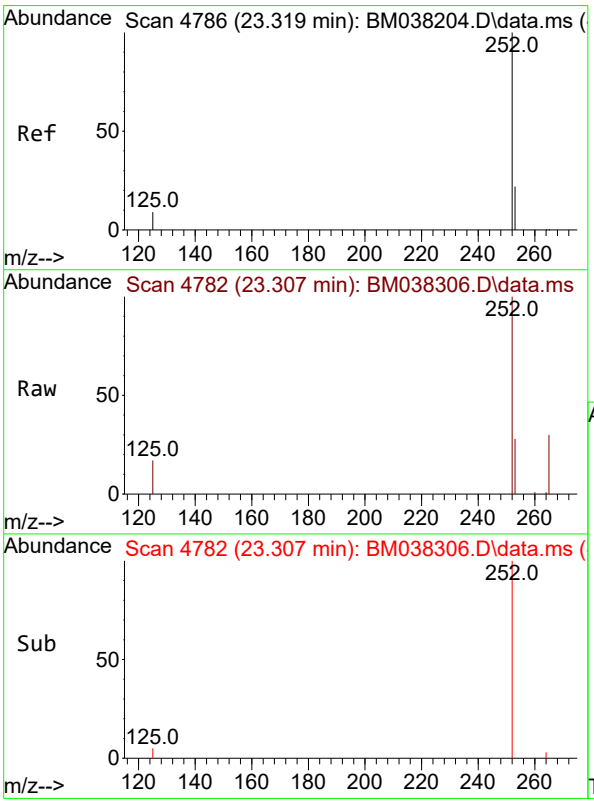
#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.257 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 11210

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	56.0
125	16.9	0.0	36.6

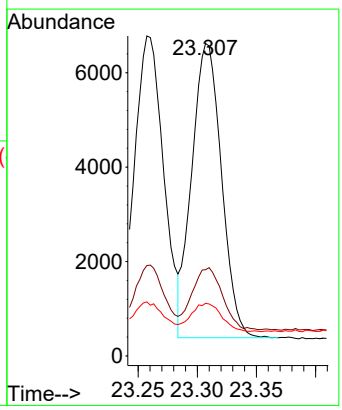


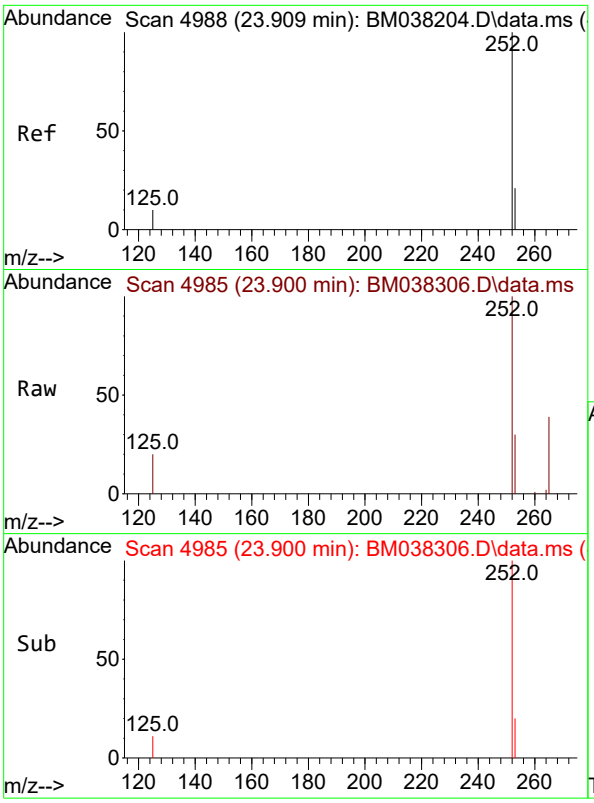


#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:252 Resp: 10892

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.5	33.7
125	16.9	14.4	21.6



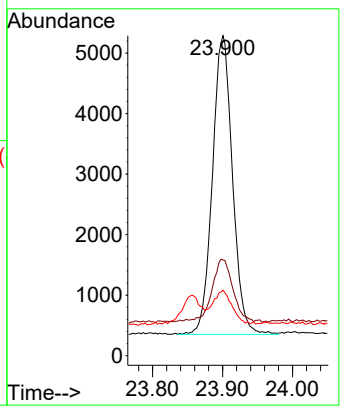


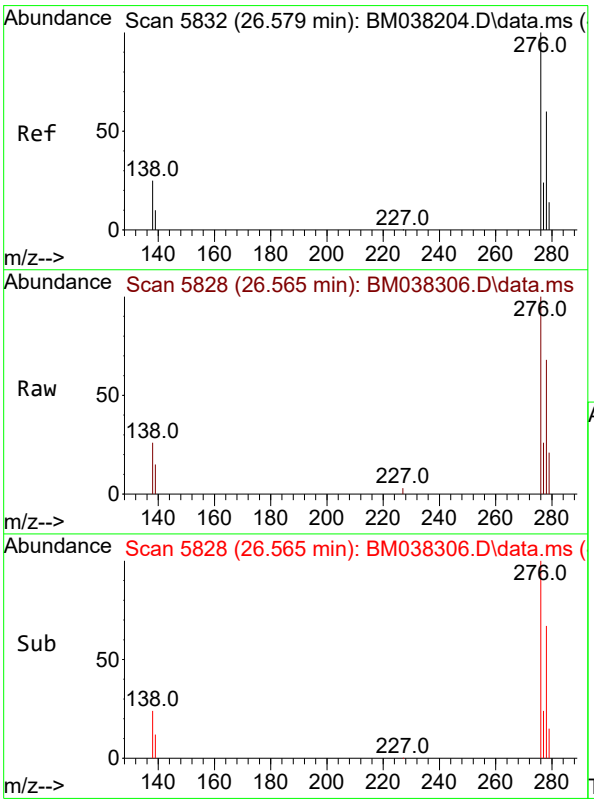
#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.900 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 9844

Ion	Ratio	Lower	Upper
252	100		
253	29.9	24.2	36.4
125	20.4	17.3	25.9

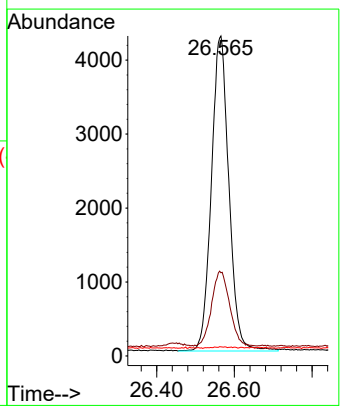


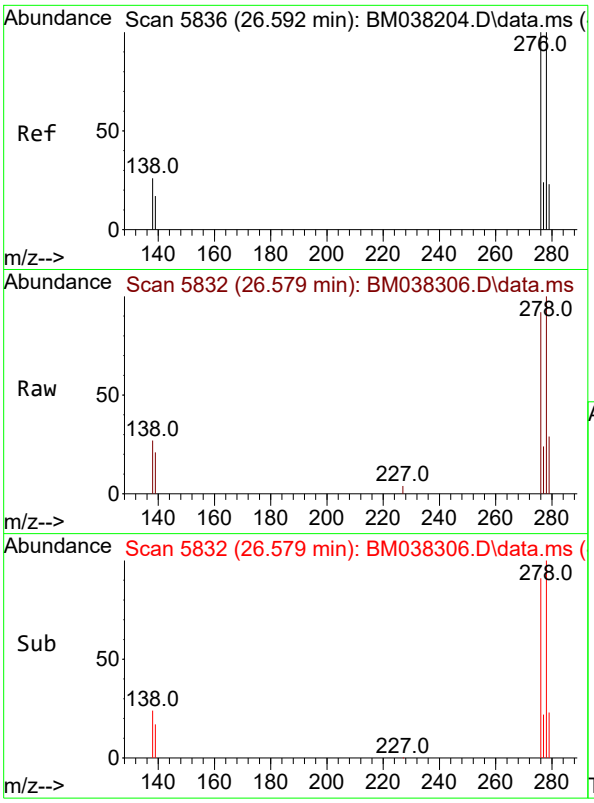


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:276 Resp: 13339

Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.7	32.5
227	0.2	0.0	0.0#



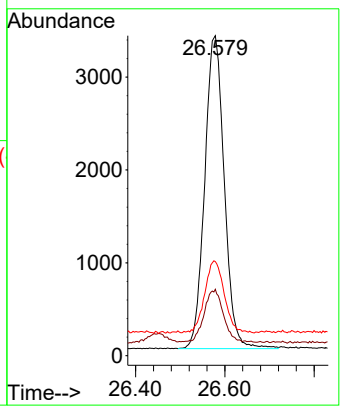


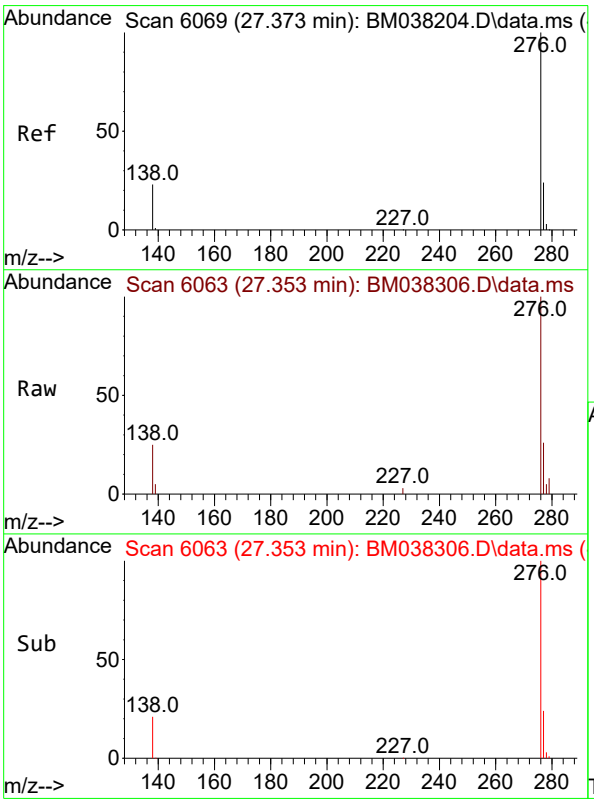
#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.579 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 10259

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.8	25.2
279	29.4	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038306.D
Acq: 25 Dec 2022 13:40

Tgt Ion:276 Resp: 11034

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.8	31.2
277	26.2	20.5	30.7