Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
Data File : BM037985.D
Acq On : 13 Dec 2022 15:09
Operator : CG/JU
Sample : SSTD0.801
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Quant Time: Dec 14 01:16:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:15:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	2388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	6302	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	3205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	6941	0.400	ng/ul	0.00
17) Chrysene-d12	21.589	240	5116	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	4474	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2668	0.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	7506	0.826	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	14879	0.855	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	2678	0.806	ng/ul#	85
5) Naphthalene	10.933	128	16135	0.819	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	9716	0.810	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	9814	0.798	ng/ul	99
10) Acenaphthylene	14.416	152	15025	0.935	ng/ul	99
11) Acenaphthene	14.754	153	10968	0.822	ng/ul	96
12) Fluorene	15.735	166	12518	0.847	ng/ul	99
14) Pentachlorophenol	17.075	266	2331	1.022	ng/ul	99
15) Phenanthrene	17.468	178	19957	0.793	ng/ul	99
16) Anthracene	17.561	178	18727	0.836	ng/ul	98
19) Fluoranthene	19.473	202	22705	0.800	ng/ul	100
20) Pyrene	19.836	202	23113	0.777	ng/ul	98
21) Benzo(a)anthracene	21.574	228	19122	0.770	ng/ul	99
22) Chrysene	21.626	228	19703	0.787	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	19889	0.848	ng/ul	95
25) Benzo(k)fluoranthene	23.342	252	19033	0.843	ng/ul	95
26) Benzo(a)pyrene	23.939	252	16504	0.824	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.619	276	19949	0.763	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.636	278	15370	0.750	ng/ul	98
29) Benzo(g,h,i)perylene	27.414	276	16619	0.758	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:15:09 2022
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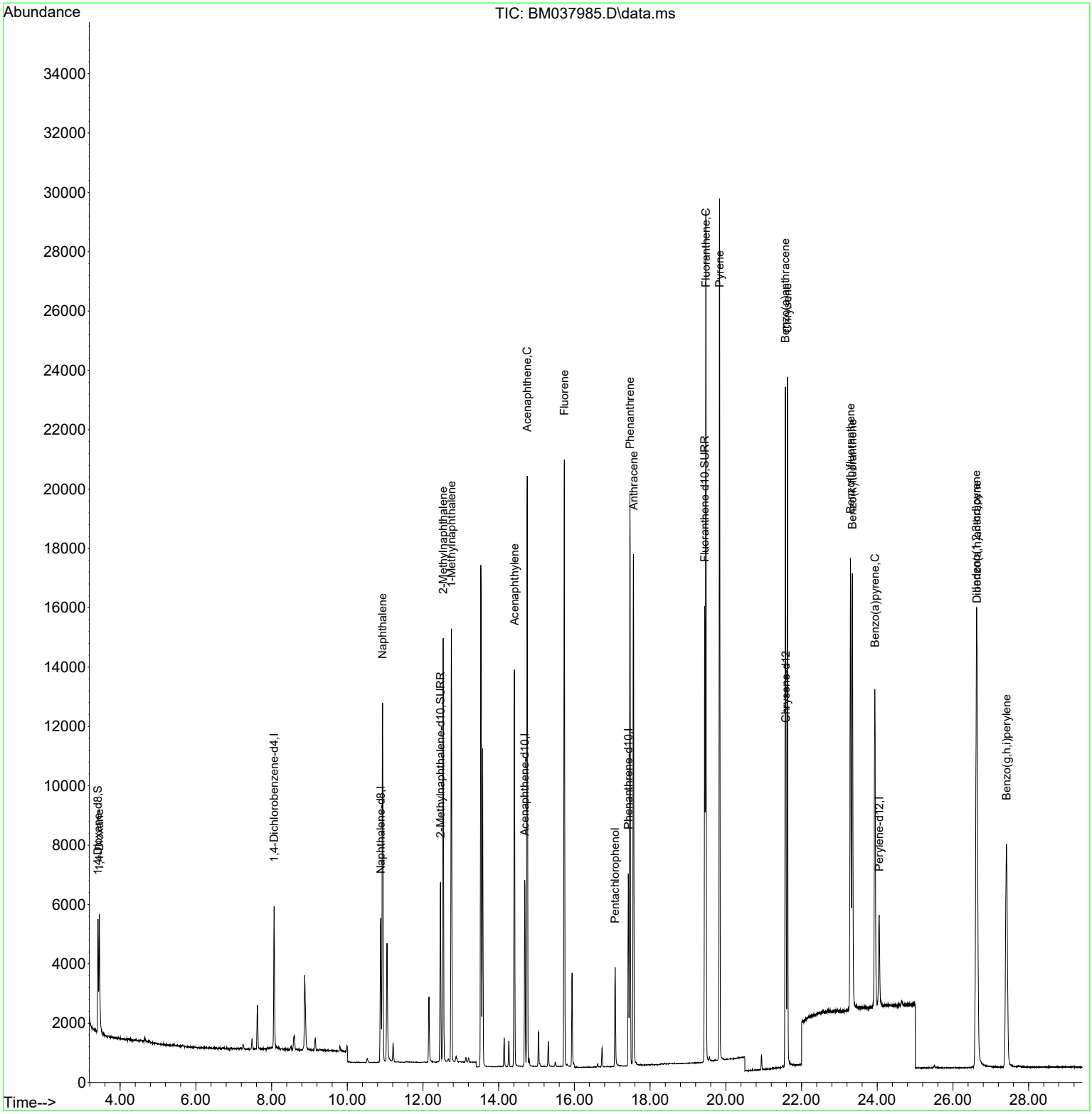
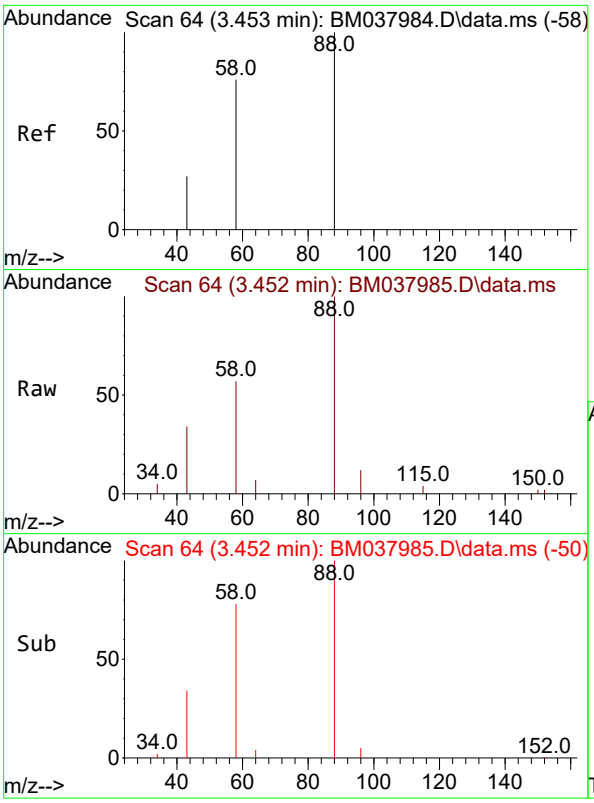


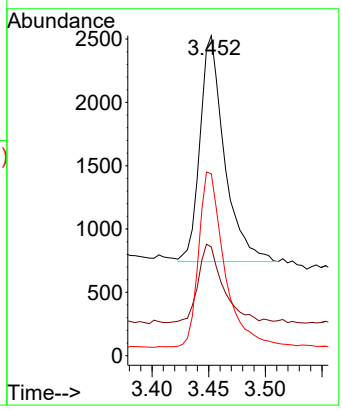


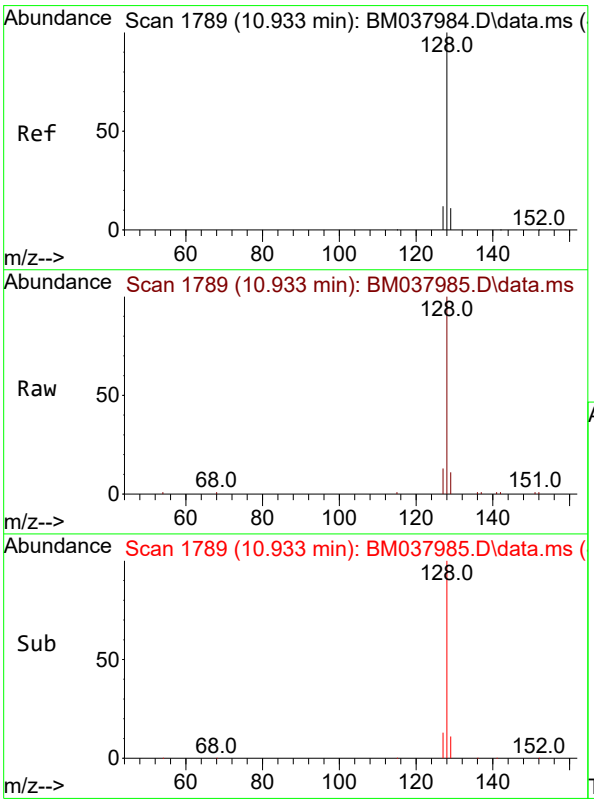
#2
1,4-Dioxane
Concen: 0.806 ng/ul
RT: 3.452 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion: 88 Resp: 2678

Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.5	38.3
58	56.8	33.8	50.8#

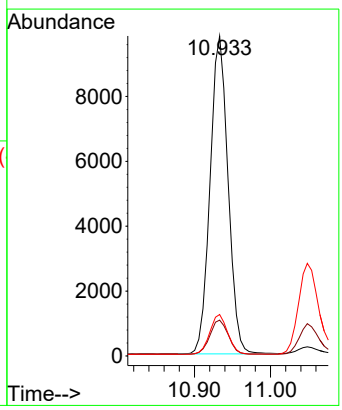


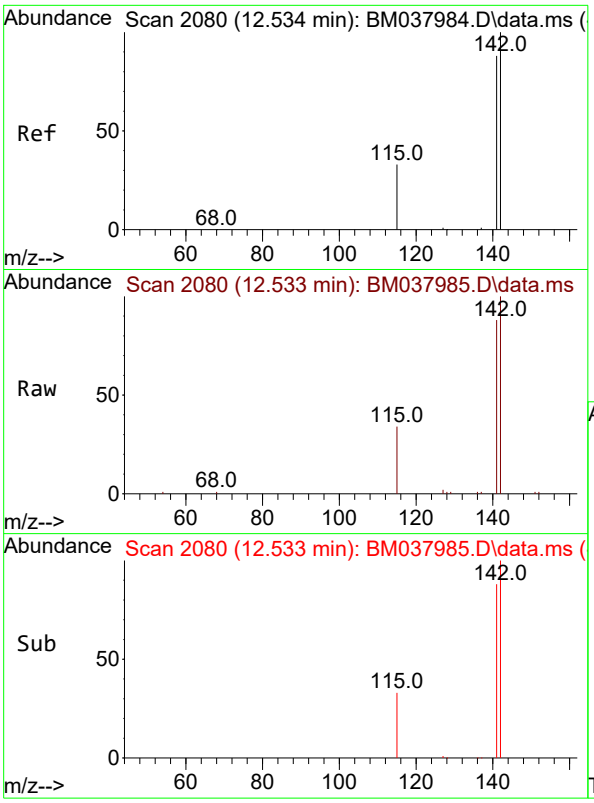


#5
Naphthalene
Concen: 0.819 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:128 Resp: 16135

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	13.0	10.8	16.2



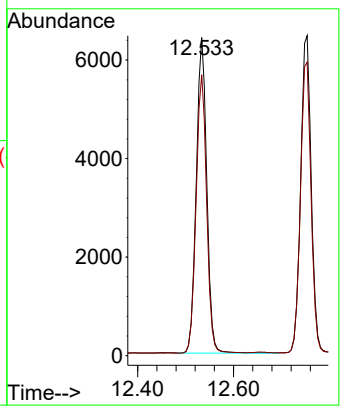


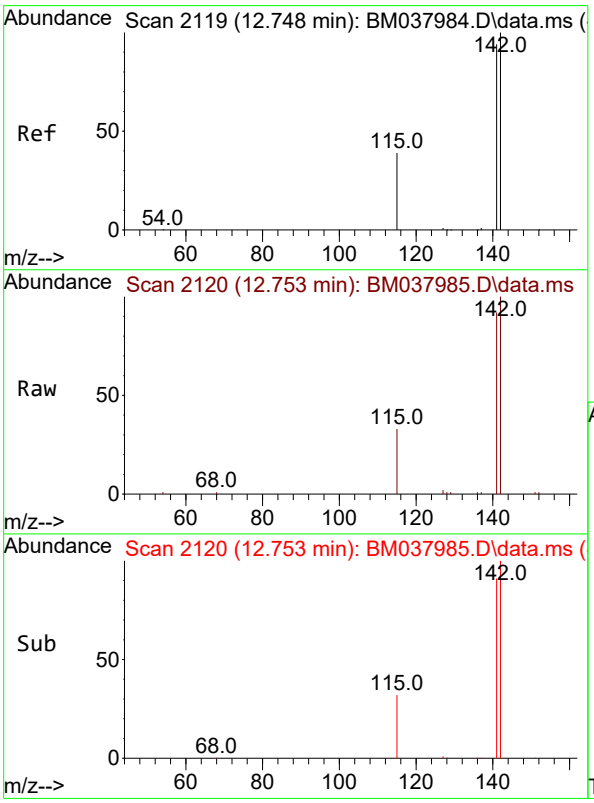
#7
2-Methylnaphthalene
Concen: 0.810 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:142 Resp: 9716

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.2	108.2

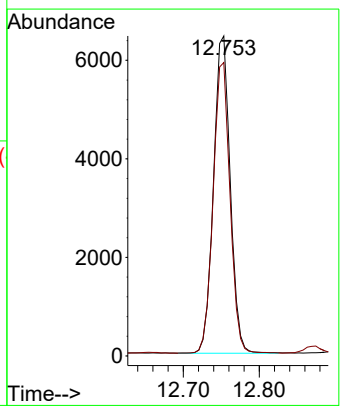


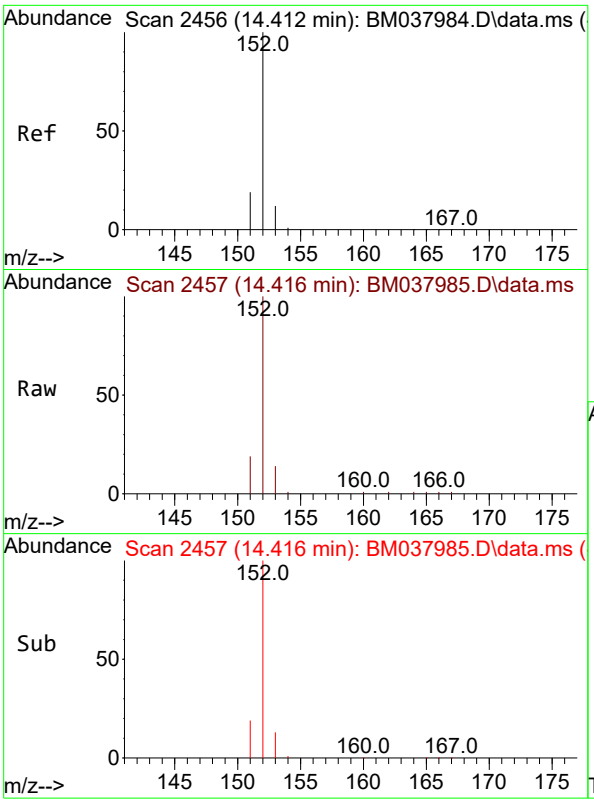


#8
1-Methylnaphthalene
Concen: 0.798 ng/ul
RT: 12.753 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:142 Resp: 9814

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7



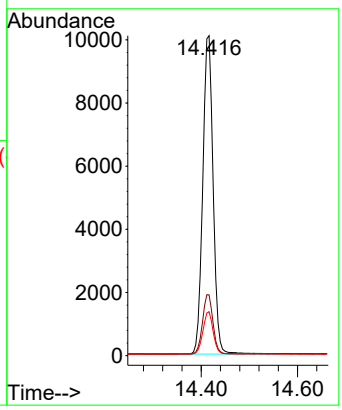


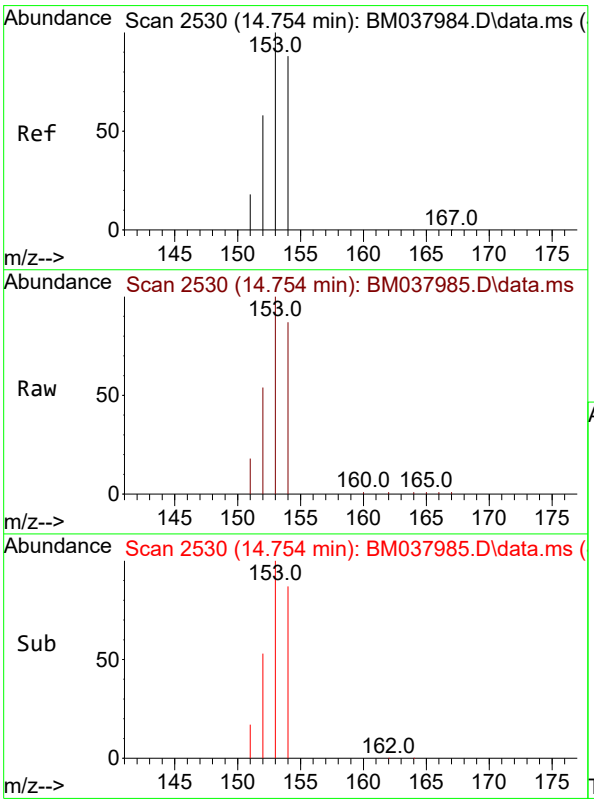
#10
Acenaphthylene
Concen: 0.935 ng/ul
RT: 14.416 min Scan# 24
Delta R.T. 0.004 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:152 Resp: 15025

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8
153	13.8	10.7	16.1

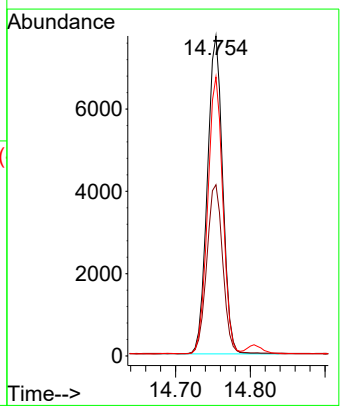


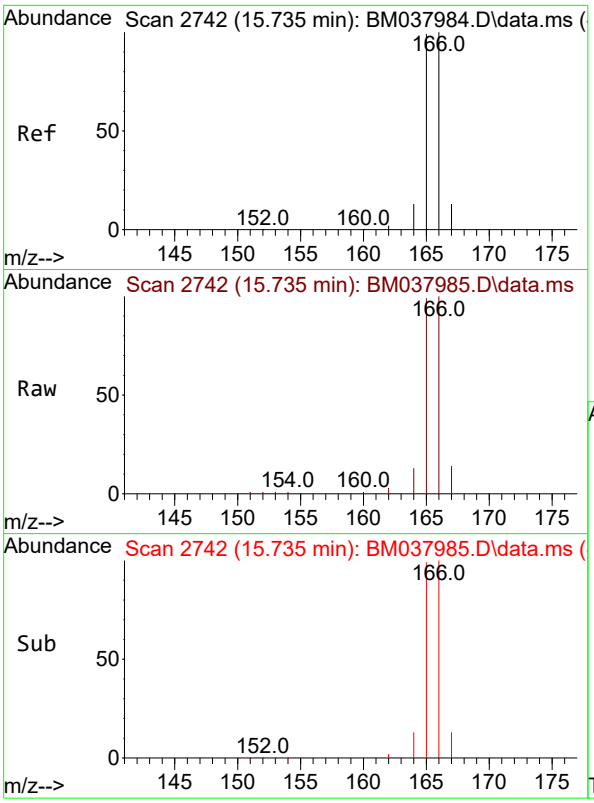


#11
Acenaphthene
Concen: 0.822 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:153 Resp: 10968

Ion	Ratio	Lower	Upper
153	100		
152	53.5	47.1	70.7
154	87.2	70.7	106.1



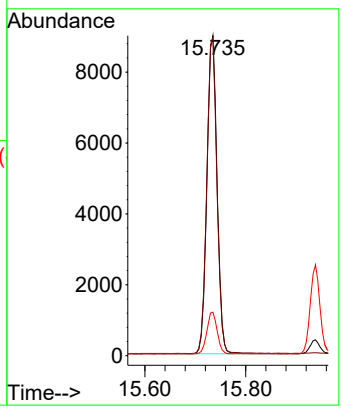


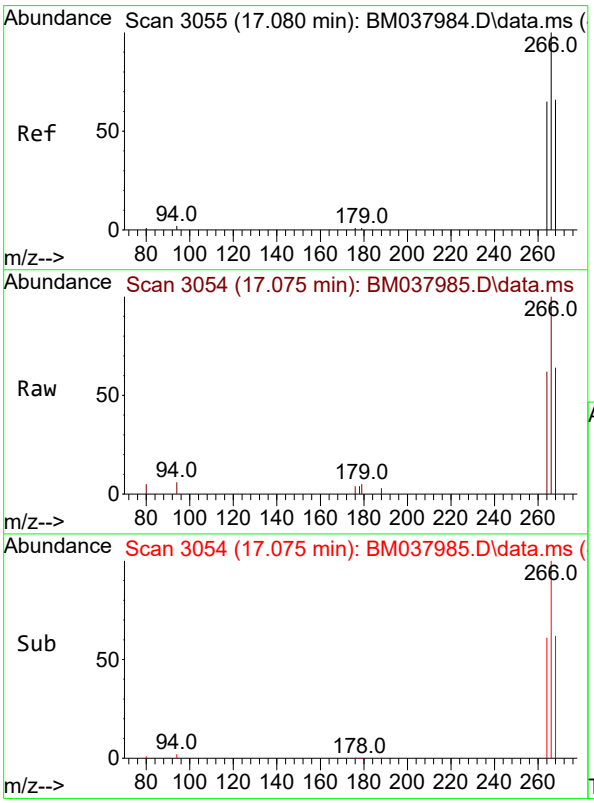
#12
Fluorene
Concen: 0.847 ng/ul
RT: 15.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:166 Resp: 12518

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.6
167	13.6	11.7	17.5

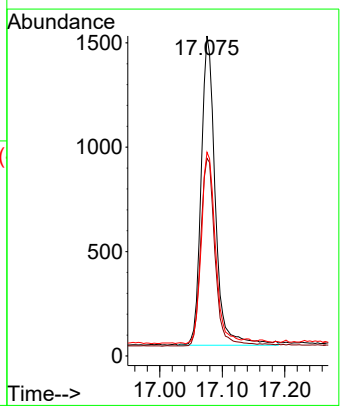


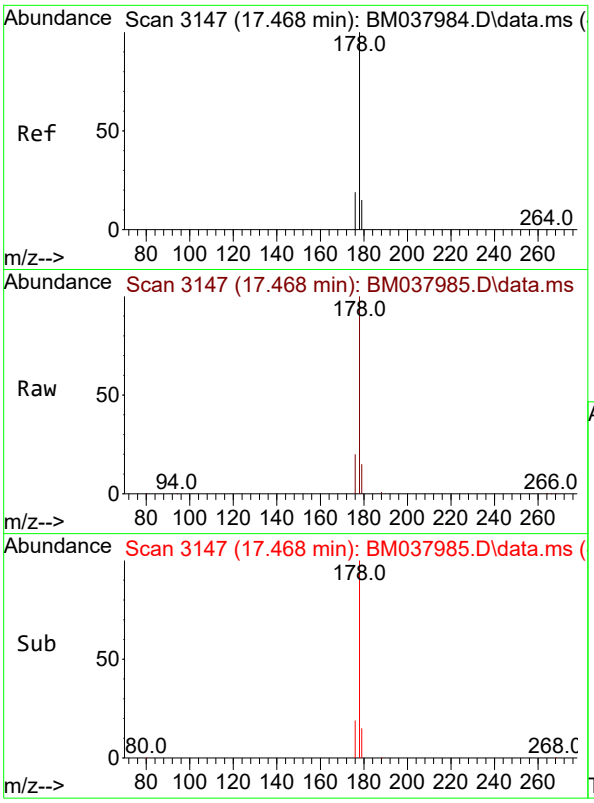


#14
Pentachlorophenol
Concen: 1.022 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:266 Resp: 2331

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.9	76.3
268	63.1	50.4	75.6



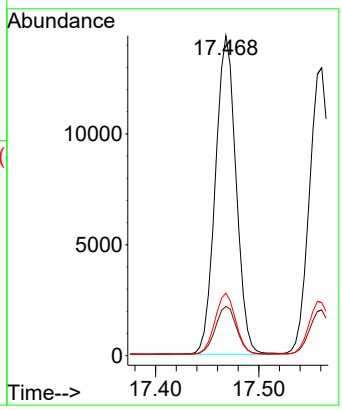


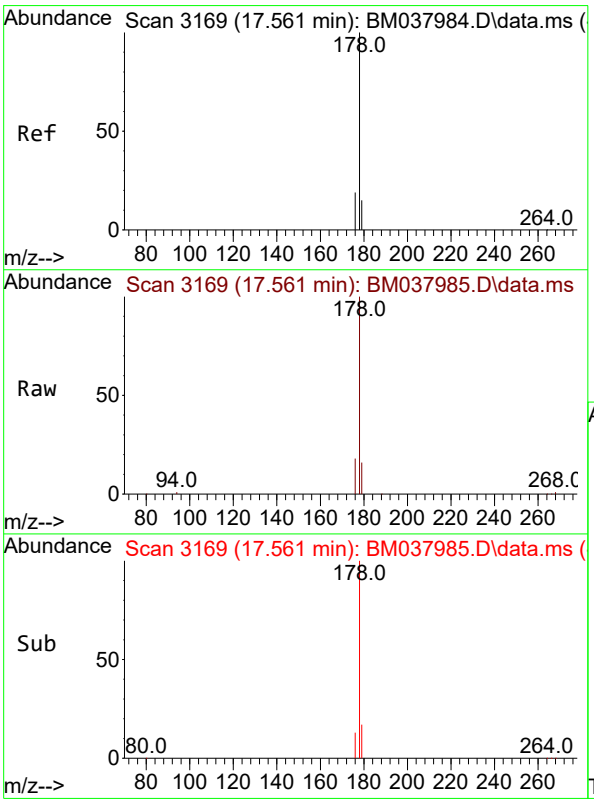
#15
Phenanthrene
Concen: 0.793 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:178 Resp: 19957

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.6	16.2	24.2

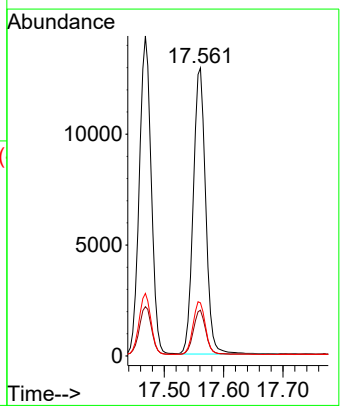


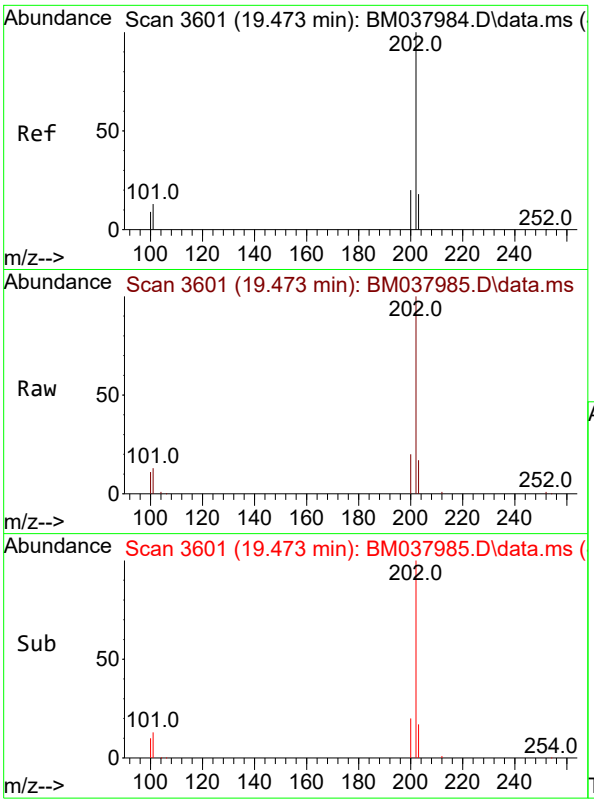


#16
Anthracene
Concen: 0.836 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:178 Resp: 18727

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.0
176	18.4	15.8	23.6



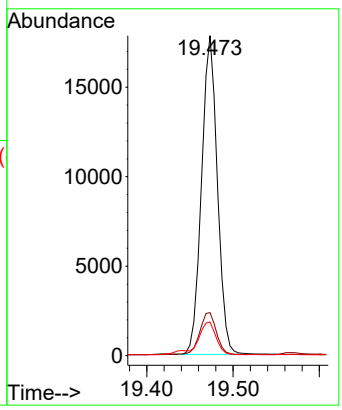


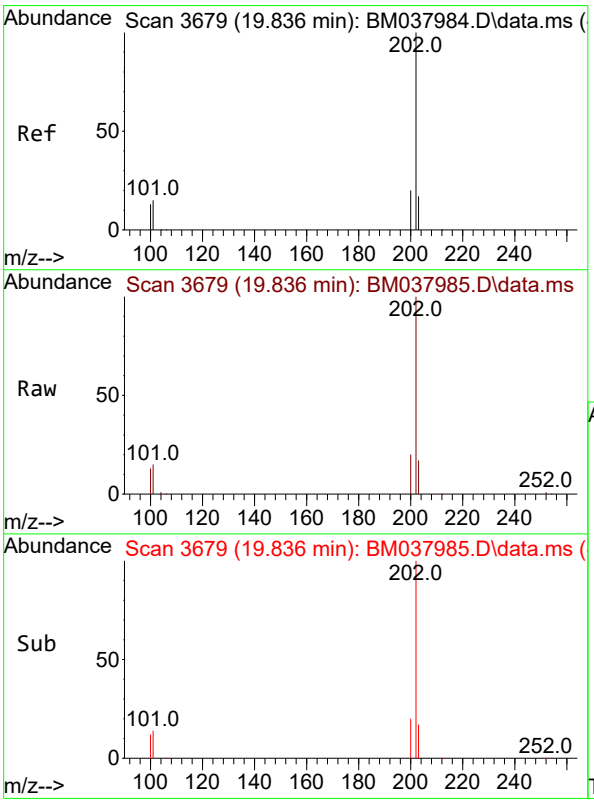
#19
Fluoranthene
Concen: 0.800 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:202 Resp: 22705

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	10.5	8.5	12.7

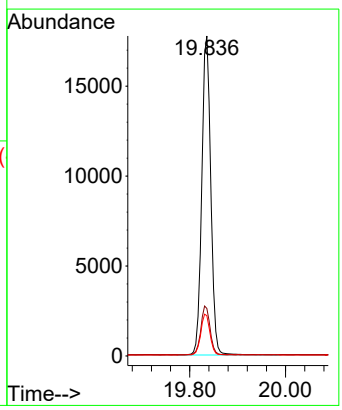


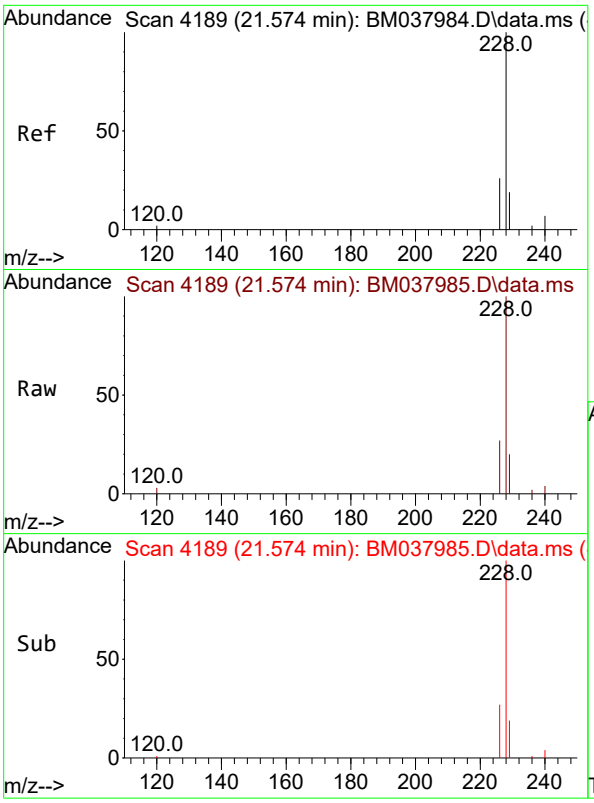


#20
Pyrene
Concen: 0.777 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:202 Resp: 23113

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.6	19.0
100	12.6	10.6	15.8



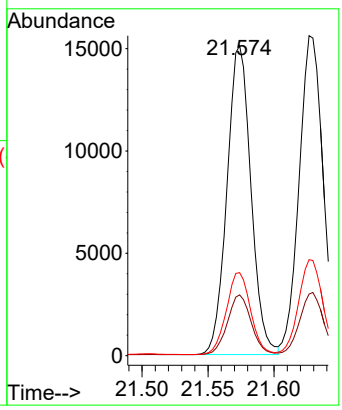


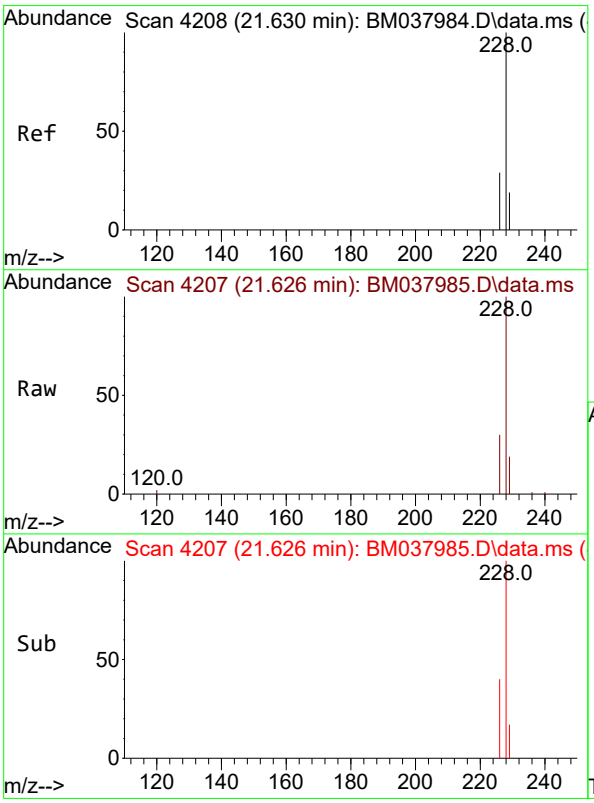
#21
Benzo(a)anthracene
Concen: 0.770 ng/ul
RT: 21.574 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:228 Resp: 19122

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	26.8	21.0	31.4

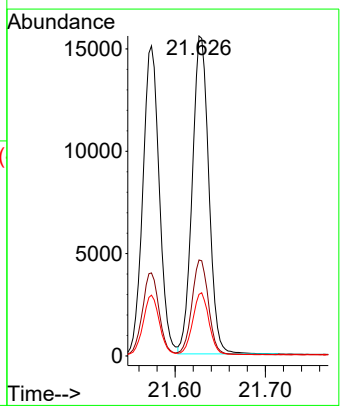


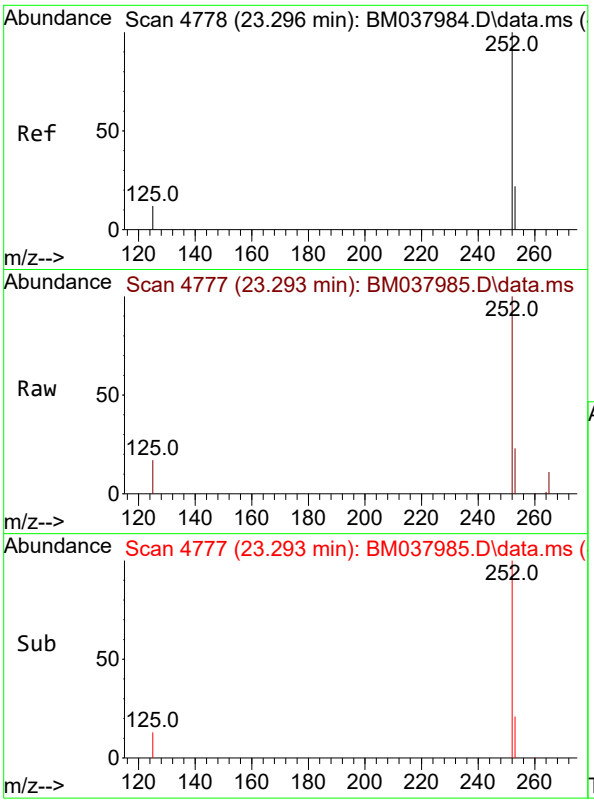


#22
Chrysene
Concen: 0.787 ng/ul
RT: 21.626 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:228 Resp: 19703

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.3	15.8	23.8



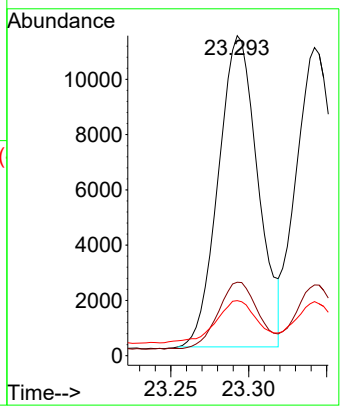


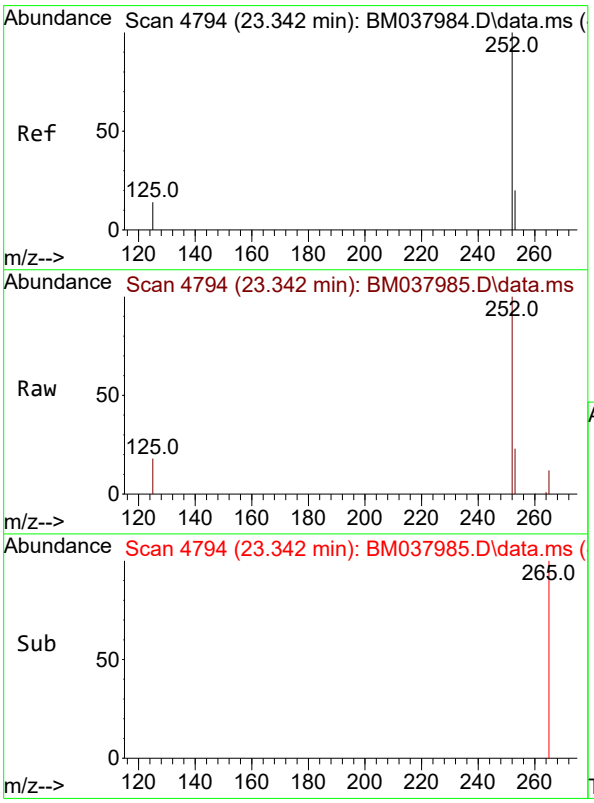
#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul
RT: 23.293 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 19889

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	49.6
125	17.2	0.0	39.6

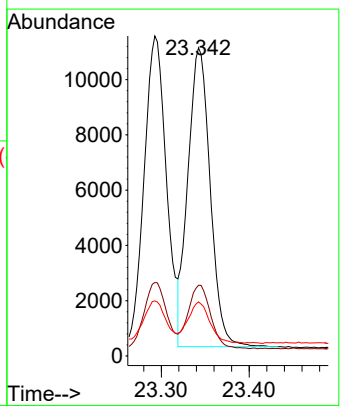


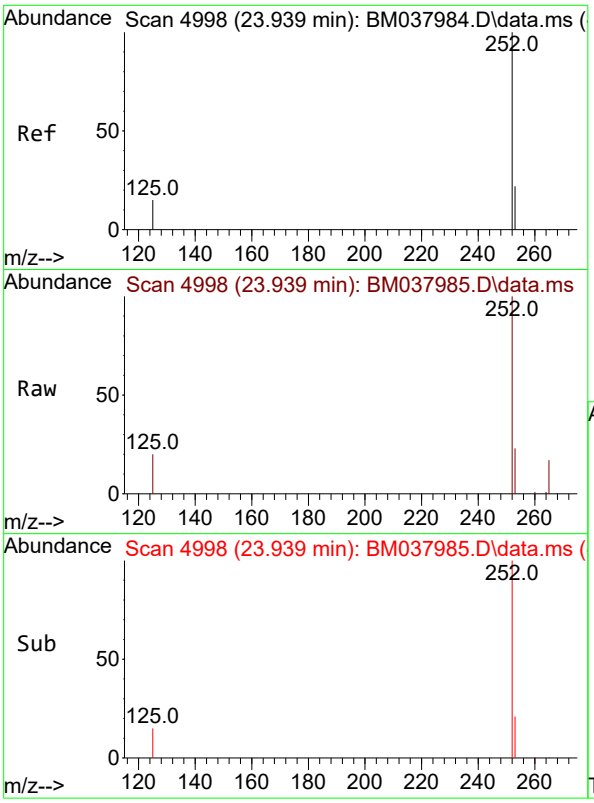


#25
Benzo(k)fluoranthene
Concen: 0.843 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:252 Resp: 19033

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.0
125	17.5	16.7	25.1



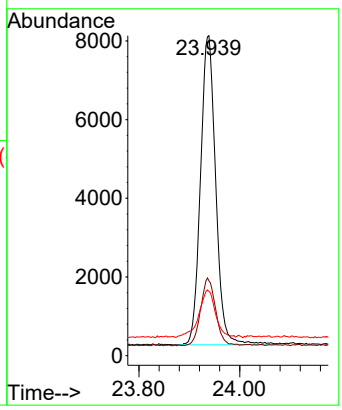


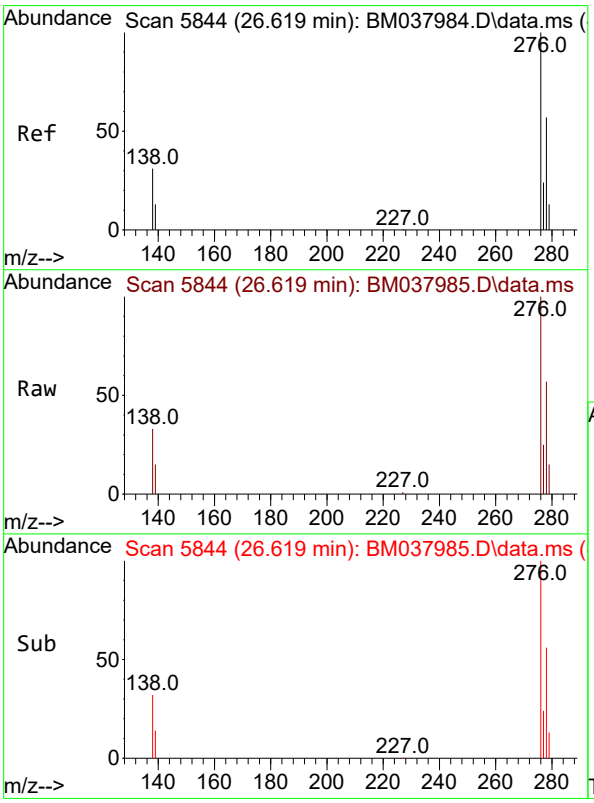
#26
Benzo(a)pyrene
Concen: 0.824 ng/ul
RT: 23.939 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 16504

Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.7	32.5
125	20.1	20.4	30.6#

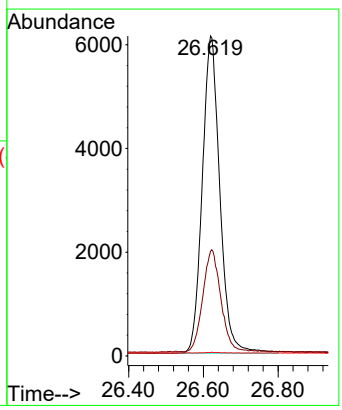


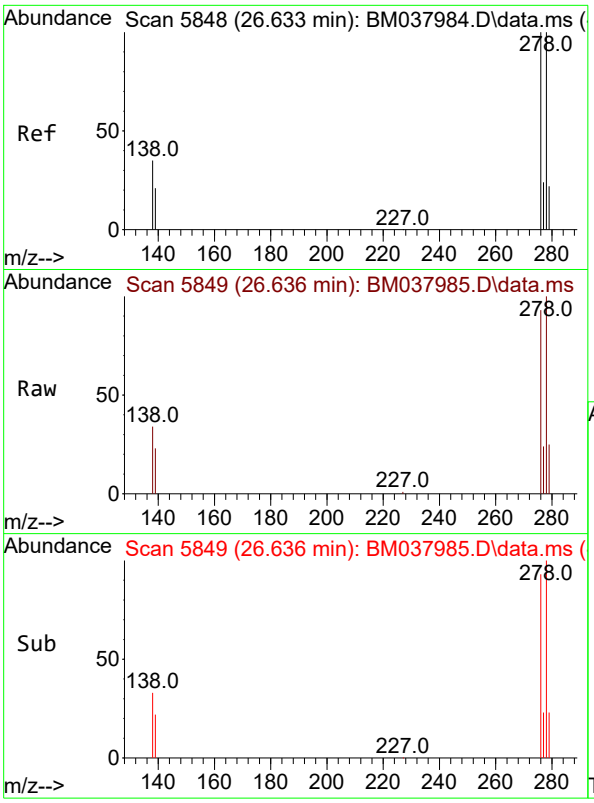


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.763 ng/ul
RT: 26.619 min Scan# 5844
Delta R.T. -0.000 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:276 Resp: 19949

Ion	Ratio	Lower	Upper
276	100		
138	32.9	0.0	0.0#
227	0.1	0.1	0.1#



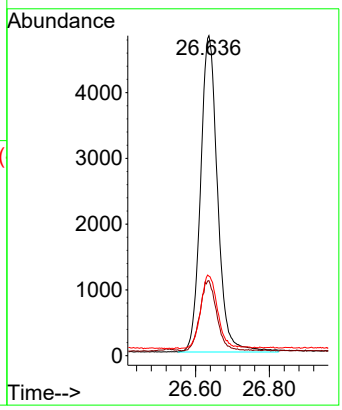


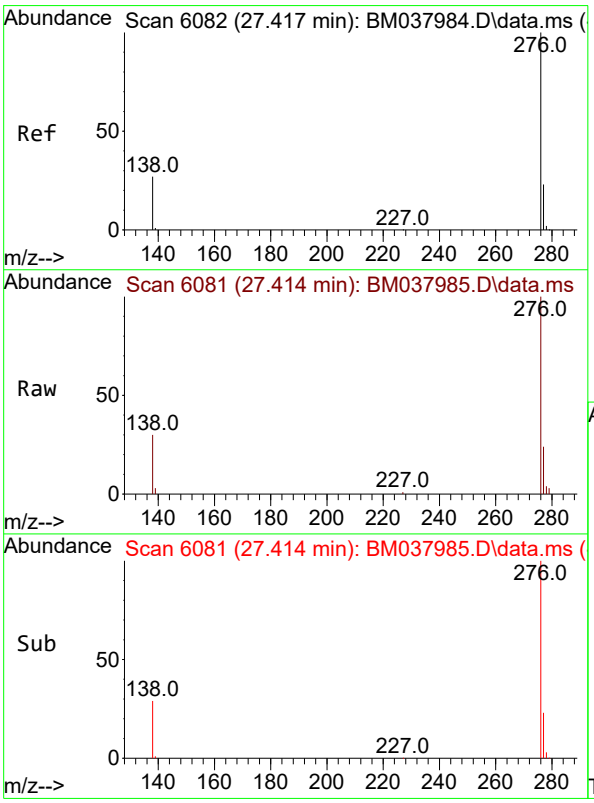
#28
Dibenzo(a,h)anthracene
Concen: 0.750 ng/ul
RT: 26.636 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:278 Resp: 15370

Ion	Ratio	Lower	Upper
278	100		
139	23.5	19.4	29.0
279	24.9	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.758 ng/ul
RT: 27.414 min Scan# 6081
Delta R.T. -0.004 min
Lab File: BM037985.D
Acq: 13 Dec 2022 15:09

Tgt Ion:276 Resp: 16619

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.5	35.3
277	24.0	20.0	30.0