Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
Data File : BM037987.D
Acq On : 13 Dec 2022 16:23
Operator : CG/JU
Sample : SSTD3.203
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Quant Time: Dec 14 01:17:14 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	2752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	7630	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	4212	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	8890	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	7219	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	6285	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	11932	3.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	37520	3.409	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	81678	3.326	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	12090	3.158	ng/ul#	67
5) Naphthalene	10.933	128	77121	3.233	ng/ul	97
7) 2-Methylnaphthalene	12.533	142	48434	3.335	ng/ul	99
8) 1-Methylnaphthalene	12.753	142	51342	3.448	ng/ul	99
10) Acenaphthylene	14.416	152	78276	3.707	ng/ul	98
11) Acenaphthene	14.754	153	55888	3.188	ng/ul	95
12) Fluorene	15.735	166	64390	3.317	ng/ul	98
14) Pentachlorophenol	17.075	266	12873	4.406	ng/ul	99
15) Phenanthrene	17.468	178	101184	3.140	ng/ul	98
16) Anthracene	17.561	178	99328	3.464	ng/ul	97
19) Fluoranthene	19.473	202	120378	3.006	ng/ul	99
20) Pyrene	19.836	202	121917	2.904	ng/ul	99
21) Benzo(a)anthracene	21.577	228	105039	2.999	ng/ul	99
22) Chrysene	21.632	228	104388	2.955	ng/ul	99
24) Benzo(b)fluoranthene	23.298	252	105027	3.189	ng/ul	92
25) Benzo(k)fluoranthene	23.345	252	104142	3.282	ng/ul#	91
26) Benzo(a)pyrene	23.942	252	90200	3.208	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.622	276	108454	2.952	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.639	278	84360	2.931	ng/ul	95
29) Benzo(g,h,i)perylene	27.417	276	89419	2.902	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
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Quant Time: Dec 14 01:17:14 2022
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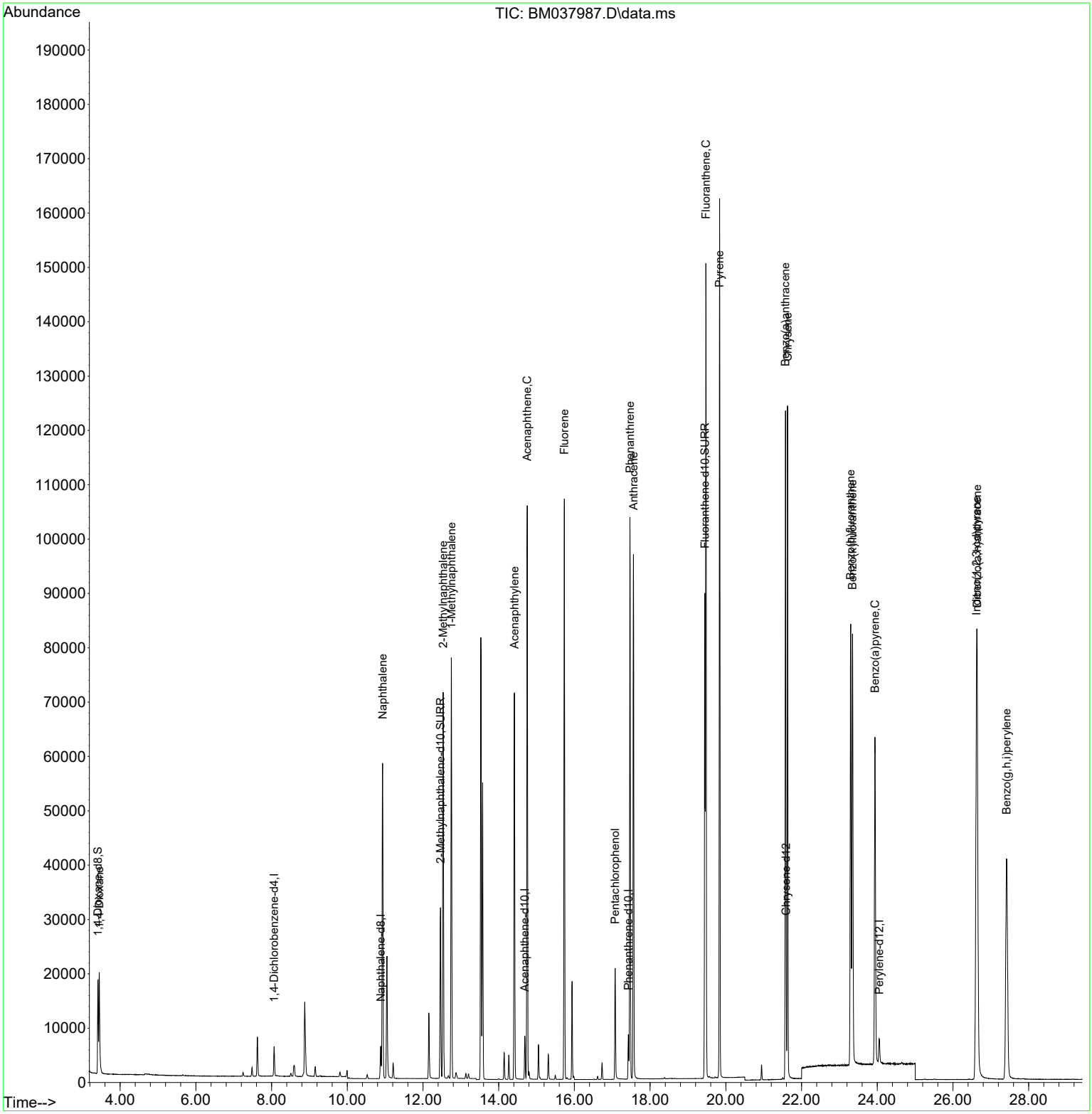
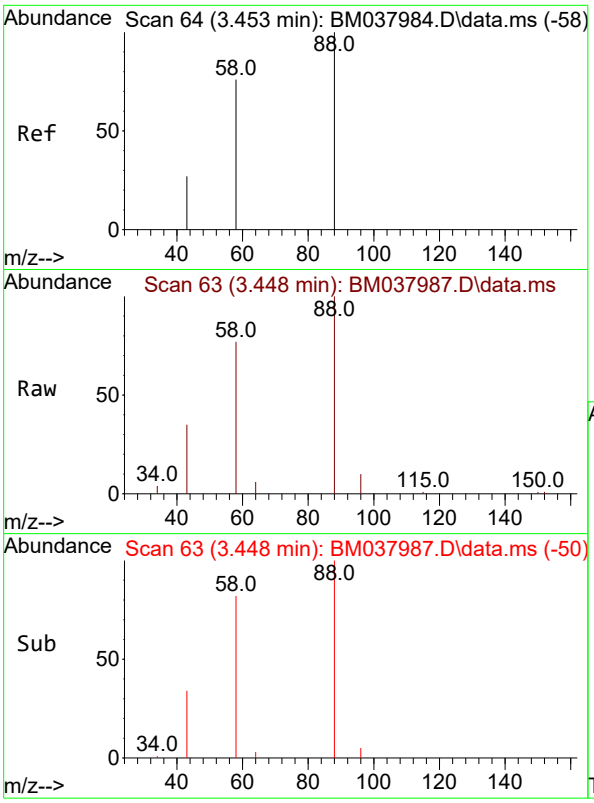


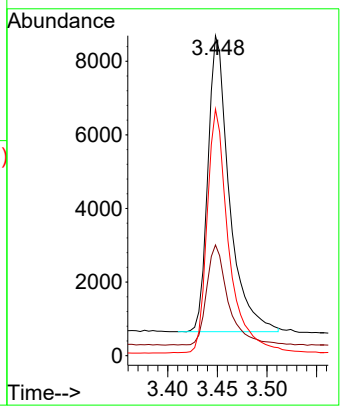


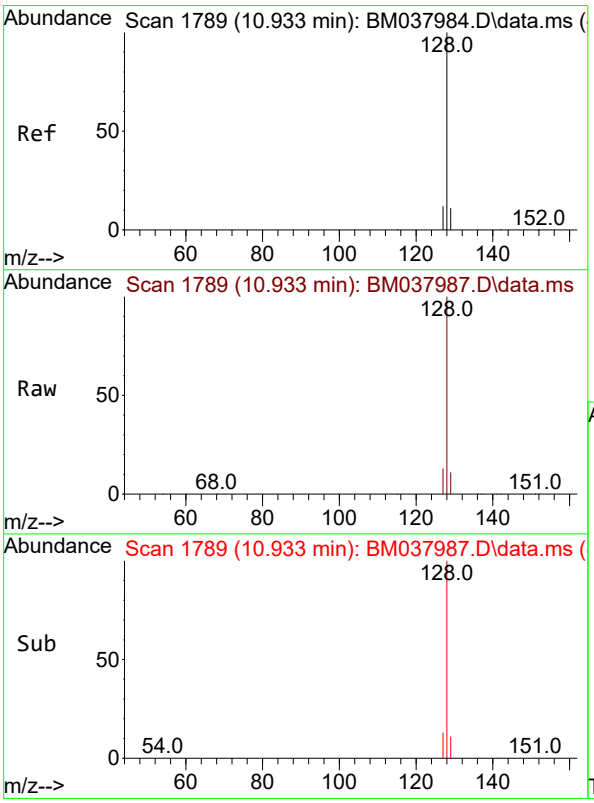
#2
1,4-Dioxane
Concen: 3.158 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion: 88 Resp: 12090

Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.5	38.3
58	77.1	33.8	50.8#

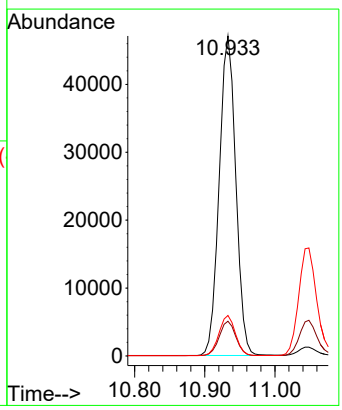


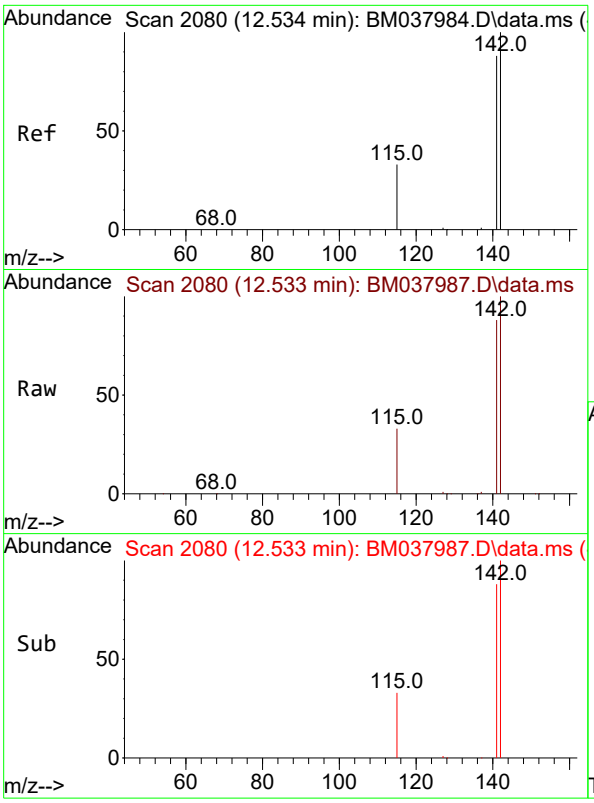


#5
Naphthalene
Concen: 3.233 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:128 Resp: 77121

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.7	14.5
127	12.6	10.8	16.2



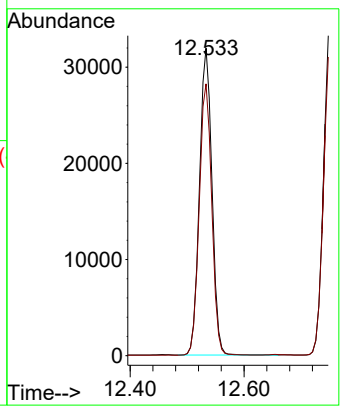


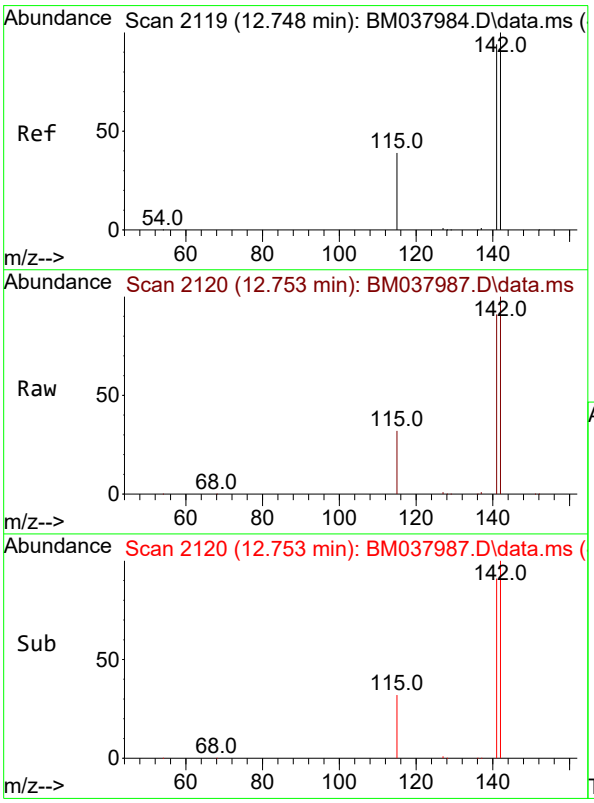
#7
2-Methylnaphthalene
Concen: 3.335 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:142 Resp: 48434

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2

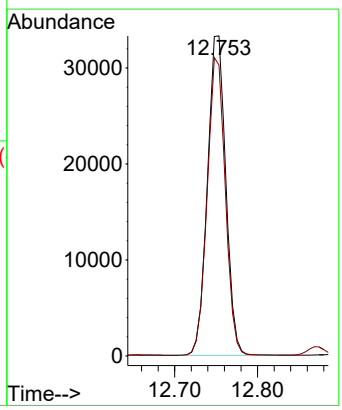


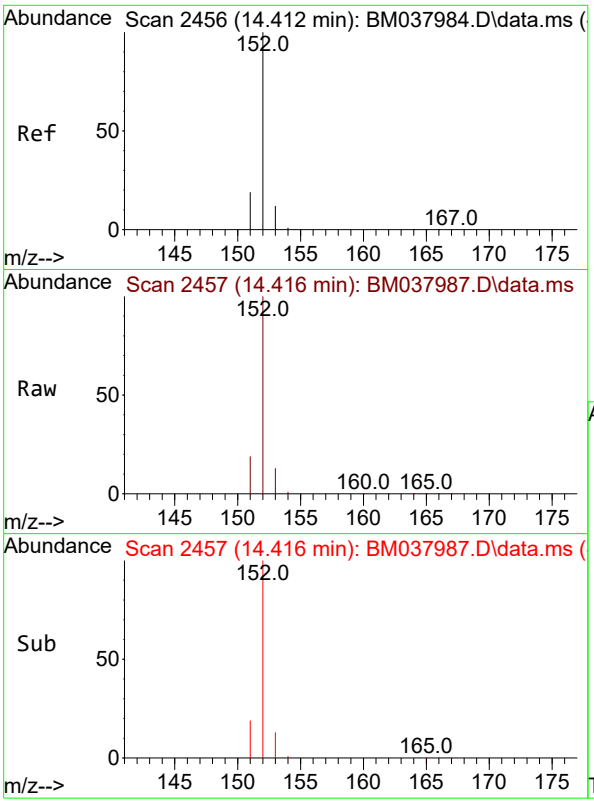


#8
1-Methylnaphthalene
Concen: 3.448 ng/ul
RT: 12.753 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:142 Resp: 51342

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.1	109.7



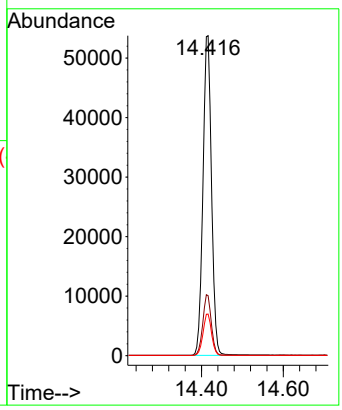


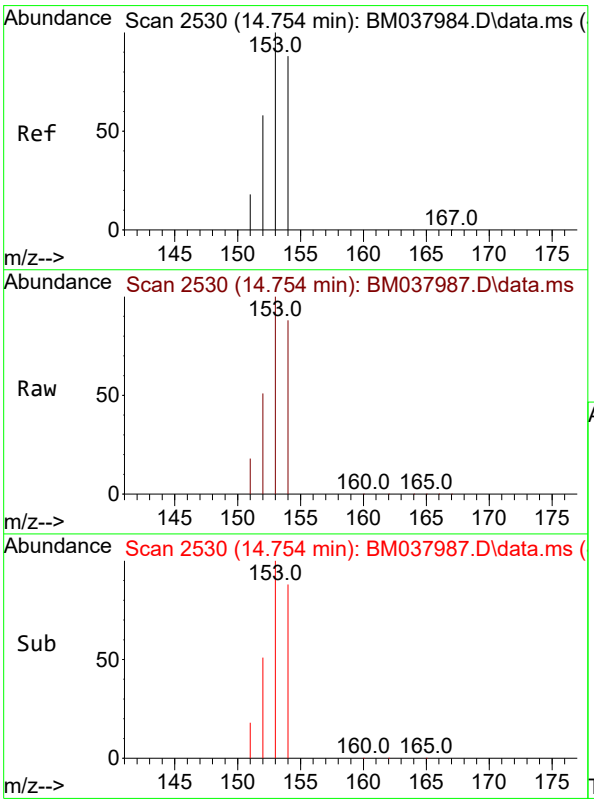
#10
Acenaphthylene
Concen: 3.707 ng/ul
RT: 14.416 min Scan# 24
Delta R.T. 0.004 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:152 Resp: 78276

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.8	23.8
153	13.0	10.7	16.1

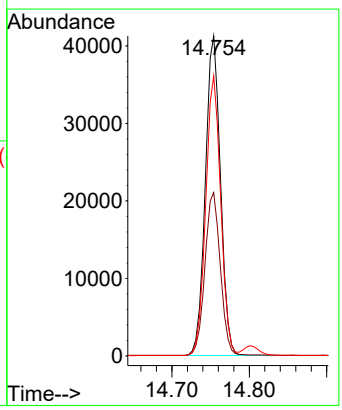


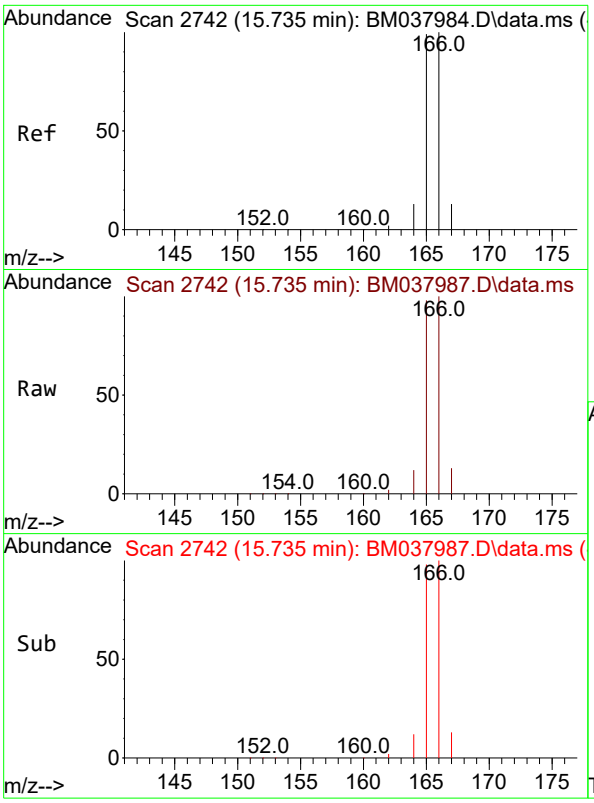


#11
Acenaphthene
Concen: 3.188 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:153 Resp: 55888

Ion	Ratio	Lower	Upper
153	100		
152	51.0	47.1	70.7
154	87.5	70.7	106.1



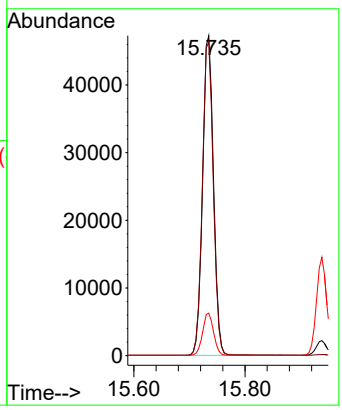


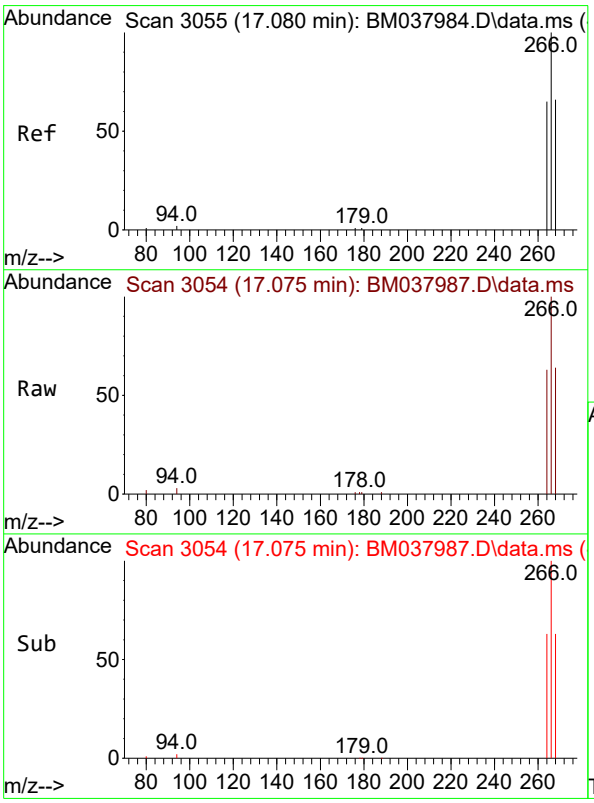
#12
Fluorene
Concen: 3.317 ng/ul
RT: 15.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:166 Resp: 64390

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.6
167	13.3	11.7	17.5

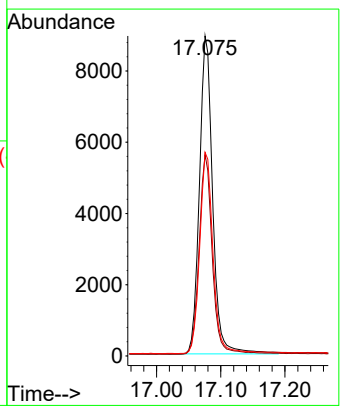


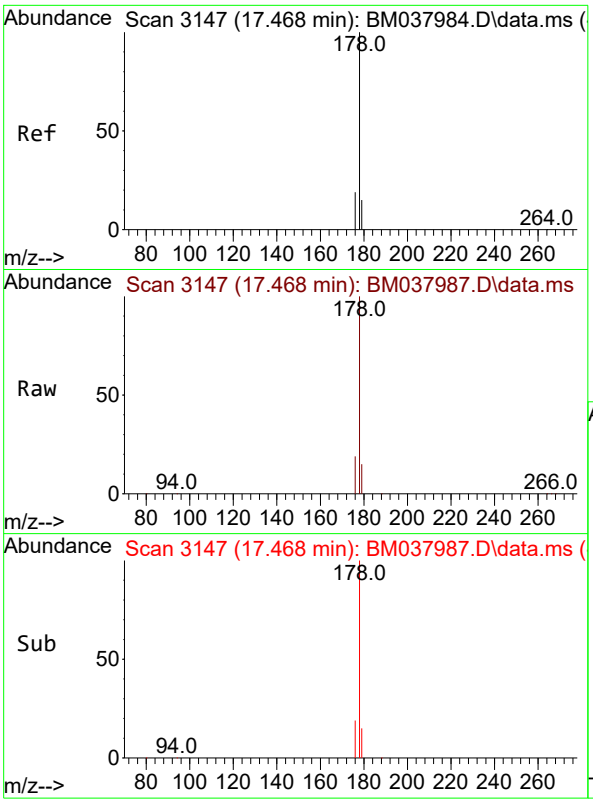


#14
Pentachlorophenol
Concen: 4.406 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:266 Resp: 12873

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.9	76.3
268	64.0	50.4	75.6



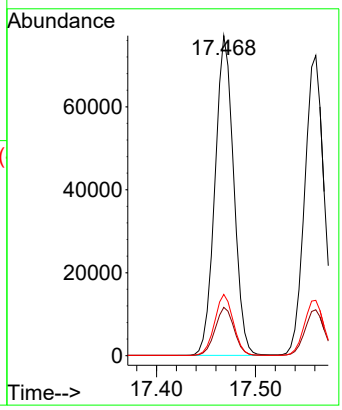


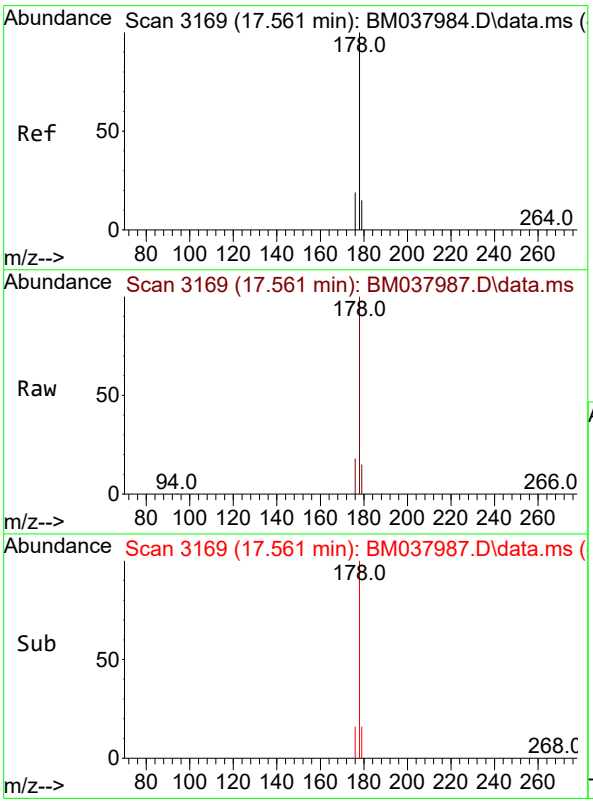
#15
Phenanthrene
Concen: 3.140 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:178 Resp: 101184

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.7	19.1
176	19.1	16.2	24.2

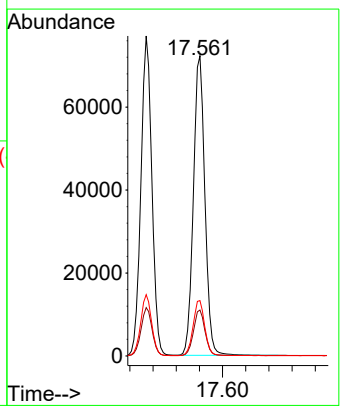


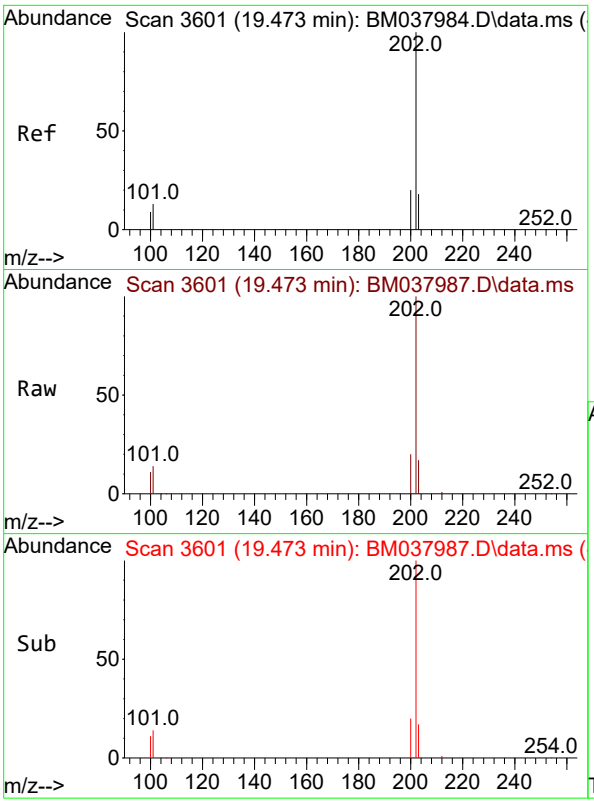


#16
Anthracene
Concen: 3.464 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:178 Resp: 99328

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.0
176	18.4	15.8	23.6



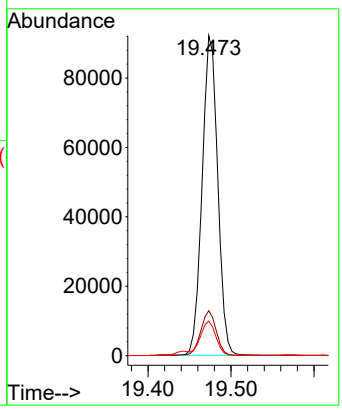


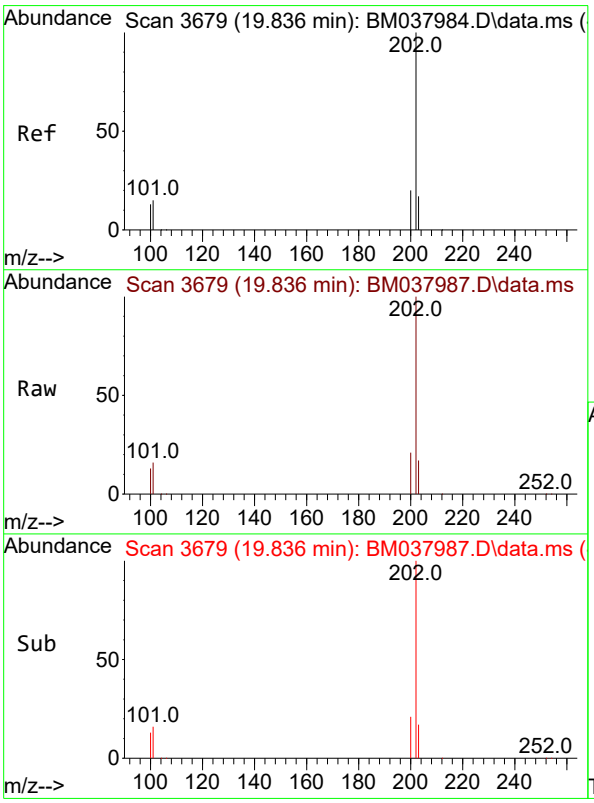
#19
Fluoranthene
Concen: 3.006 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:202 Resp: 120378

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	10.8	8.5	12.7

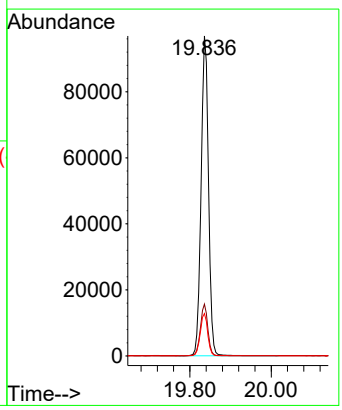


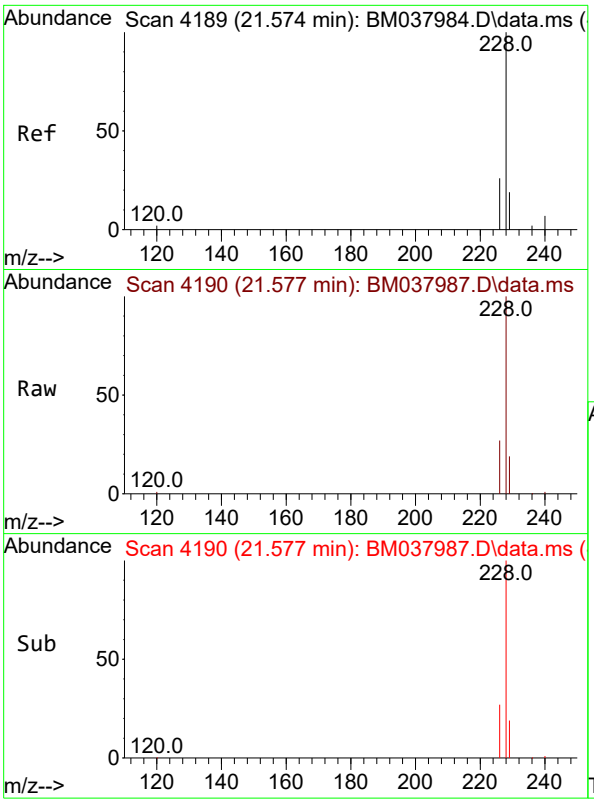


#20
Pyrene
Concen: 2.904 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:202 Resp: 121917

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.6	19.0
100	13.3	10.6	15.8



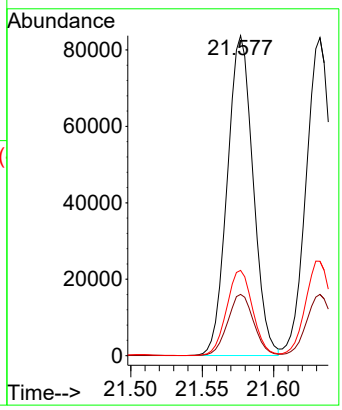


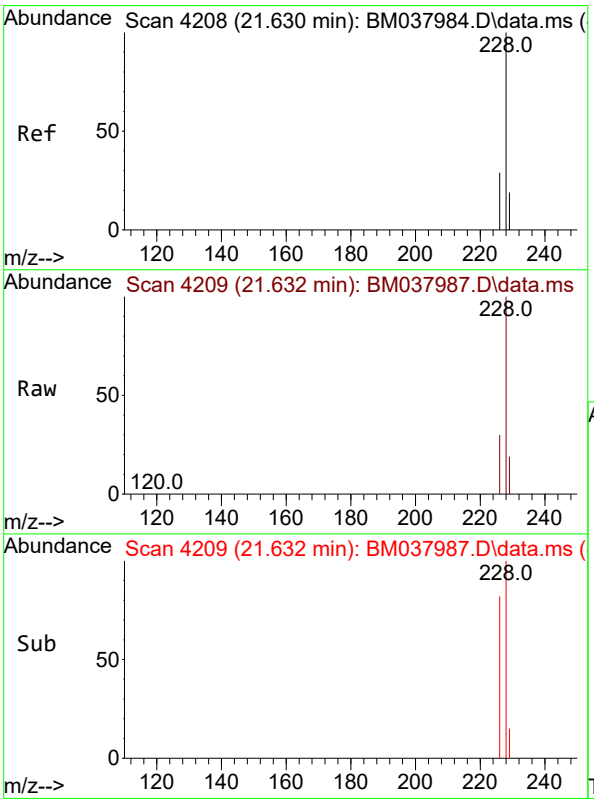
#21
Benzo(a)anthracene
Concen: 2.999 ng/ul
RT: 21.577 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:228 Resp: 105039

Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.8	23.6
226	26.7	21.0	31.4

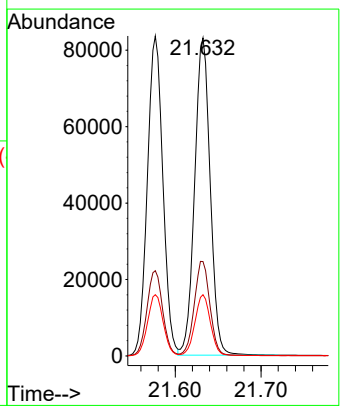


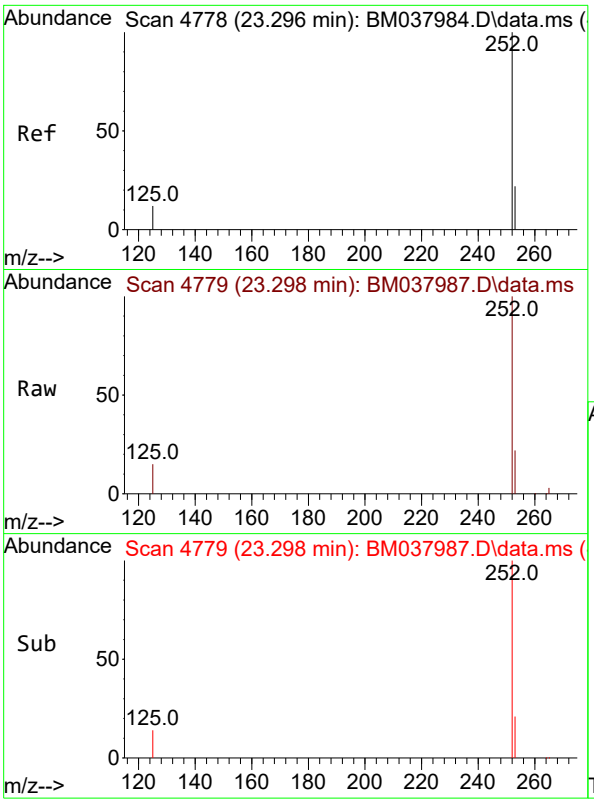


#22
Chrysene
Concen: 2.955 ng/ul
RT: 21.632 min Scan# 4209
Delta R.T. 0.003 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:228 Resp: 104388

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.3	15.8	23.8



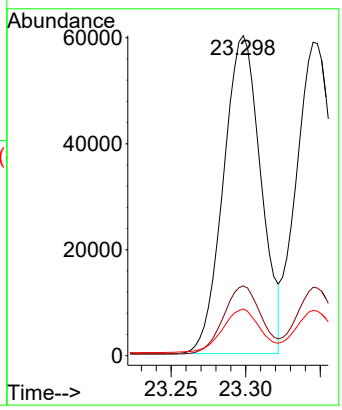


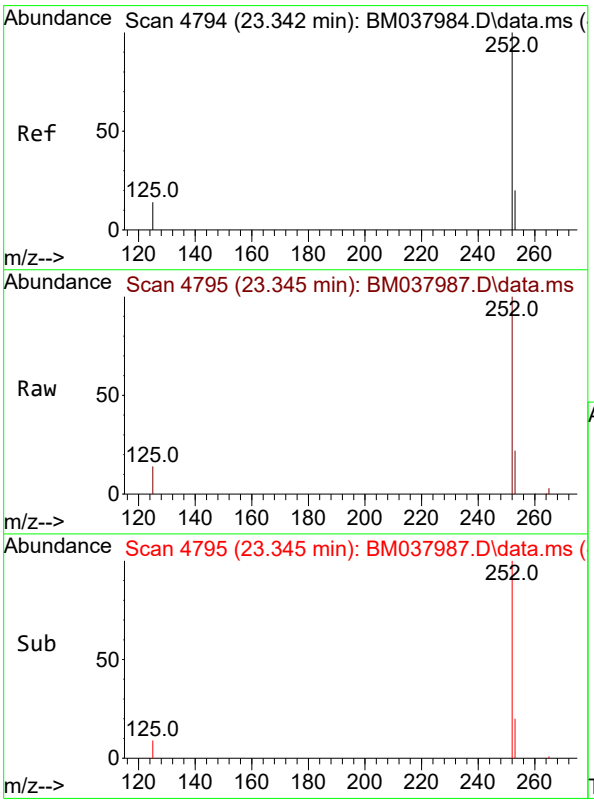
#24
Benzo(b)fluoranthene
Concen: 3.189 ng/ul
RT: 23.298 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:252 Resp: 105027

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	49.6
125	14.6	0.0	39.6

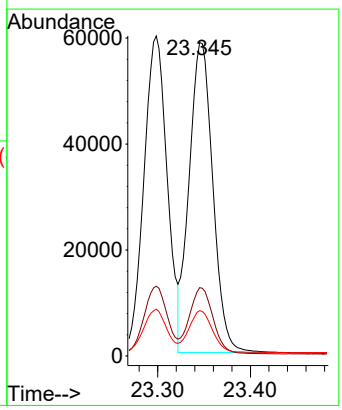


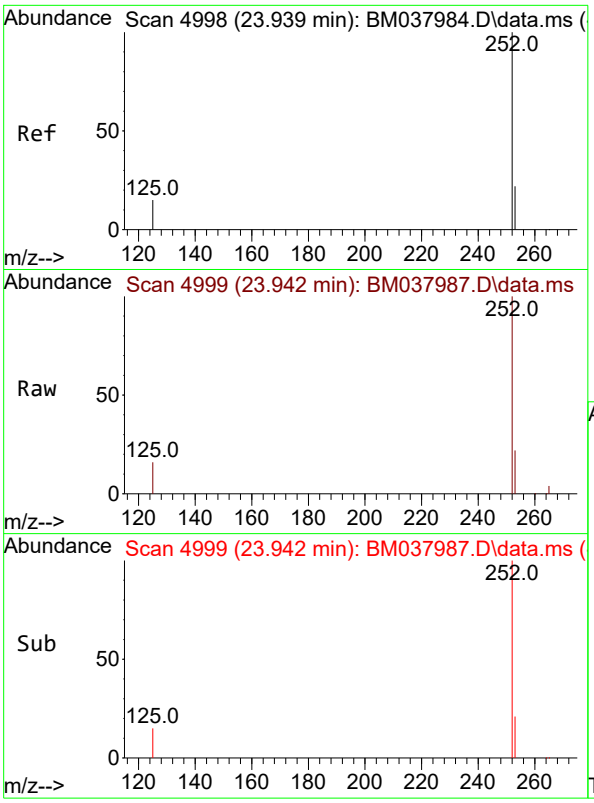


#25
Benzo(k)fluoranthene
Concen: 3.282 ng/ul
RT: 23.345 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:252 Resp: 104142

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.4	29.0
125	14.4	16.7	25.1#



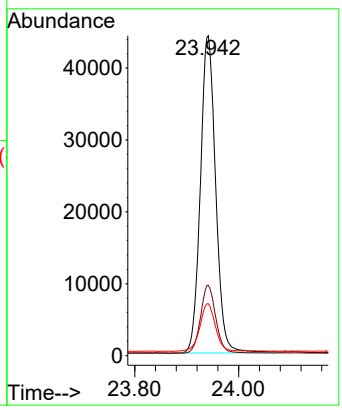


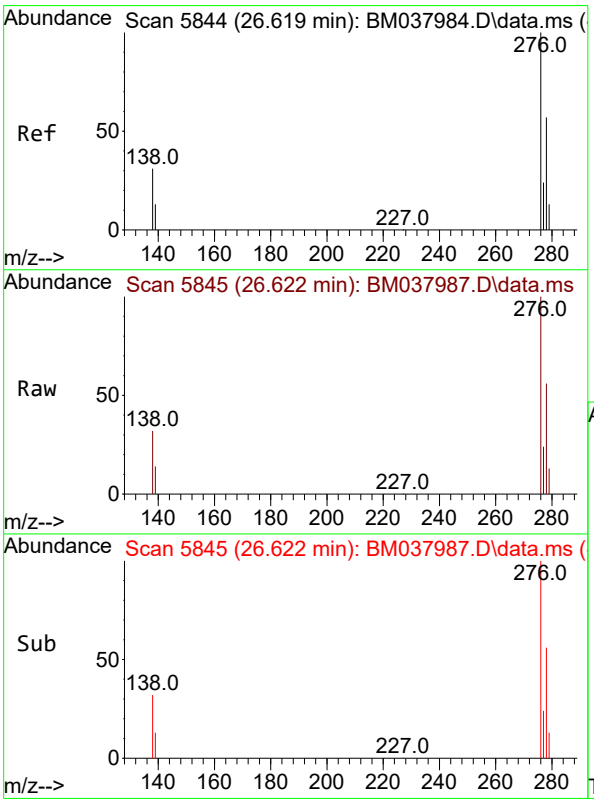
#26
Benzo(a)pyrene
Concen: 3.208 ng/ul
RT: 23.942 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:252 Resp: 90200

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.7	32.5
125	16.2	20.4	30.6#

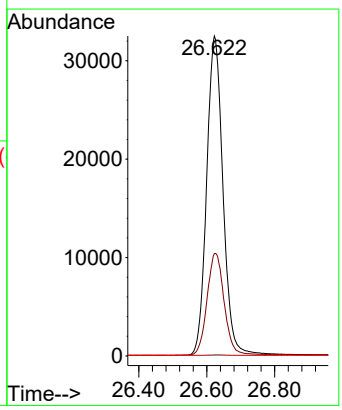


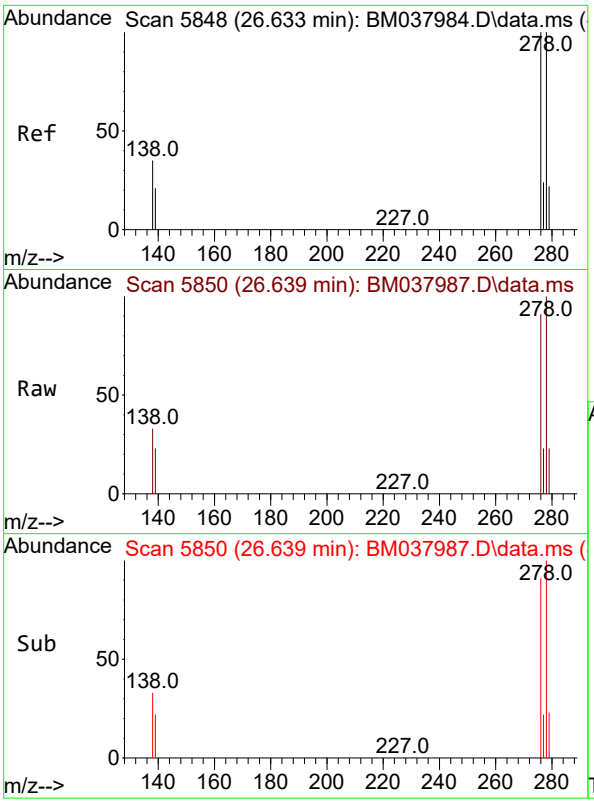


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.952 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.003 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:276 Resp: 108454

Ion	Ratio	Lower	Upper
276	100		
138	33.3	0.0	0.0#
227	0.2	0.1	0.1#



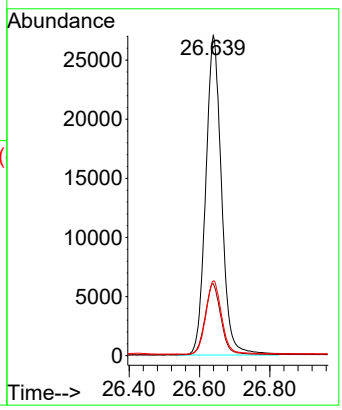


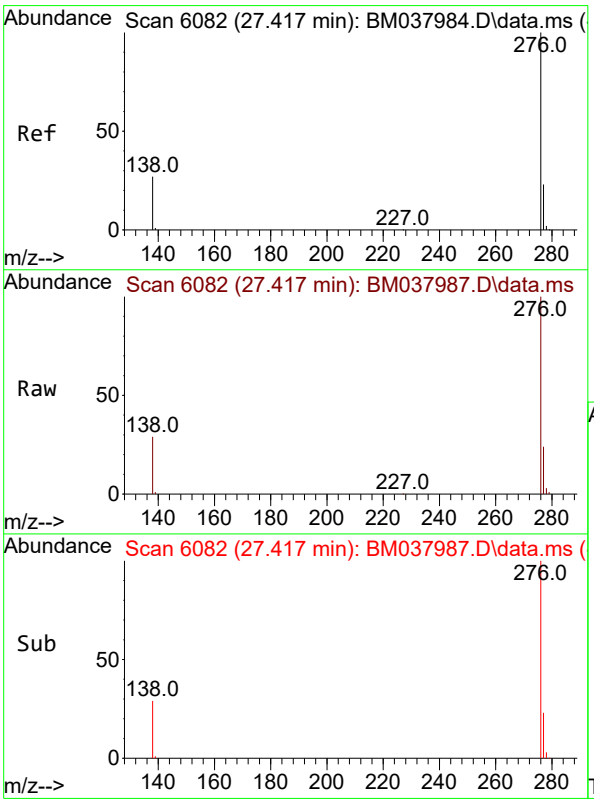
#28
Dibenzo(a,h)anthracene
Concen: 2.931 ng/ul
RT: 26.639 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

Tgt Ion:278 Resp: 84360

Ion	Ratio	Lower	Upper
278	100		
139	22.5	19.4	29.0
279	23.4	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 2.902 ng/ul
RT: 27.417 min Scan# 6082
Delta R.T. -0.000 min
Lab File: BM037987.D
Acq: 13 Dec 2022 16:23

Tgt Ion:276 Resp: 89419

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.5	35.3
277	23.5	20.0	30.0