Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036621.D
Acq On : 21 Sep 2022 12:47
Operator : CG/JU
Sample : N4604-18DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 21 22:48:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	454299	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	2093255	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1349779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2673331	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2065862	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1703495	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	8965	0.740	ng/uL	0.00
4) Pyridine-d5	3.810	84	126	0.004	ng/ul	0.00
7) Phenol-d5	7.175	99	186065	4.583	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	113483	4.603	ng/ul	0.00
11) 2-Chlorophenol-d4	7.545	132	143605	4.913	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	139684	4.656	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	72397	5.110	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	67813	5.343	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	143387	4.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	116005	2.372	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	485324	5.331	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	562529	5.209	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	60022	3.399	ng/ul	0.00
60) Fluorene-d10	15.633	176	432380	5.300	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	38435	3.634	ng/ul	0.00
73) Anthracene-d10	17.480	188	642504	5.256	ng/ul	0.00
81) Pyrene-d10	19.762	212	706184	6.948	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	456379	5.484	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.886	128	248431	2.179	ng/ul	99
36) 2-Methylnaphthalene	12.486	142	394202	5.188	ng/ul	97
37) 1-Methylnaphthalene	12.704	142	405899	5.314	ng/ul	100
50) Acenaphthylene	14.369	152	769876	6.236	ng/ul	98
52) Acenaphthene	14.710	153	189645	2.195	ng/ul	97
56) Dibenzofuran	15.045	168	588914	5.076	ng/ul	95
61) Fluorene	15.692	166	865726	8.762	ng/ul	100
72) Phenanthrene	17.427	178	5888388	39.989	ng/ul	98
74) Anthracene	17.515	178	1689874	11.291	ng/ul	100
77) Carbazole	17.780	167	346608	2.501	ng/ul	97
80) Fluoranthene	19.433	202	4848767	38.933	ng/ul	99
82) Pyrene	19.798	202	3957138	30.017	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2156835	16.663	ng/ul	96
87) Chrysene	21.592	228	1724867	14.039	ng/ul	97
90) Benzo(b)fluoranthene	23.256	252	1435782	13.291	ng/ul	97
91) Benzo(k)fluoranthene	23.256	252	1435782	13.302	ng/ul#	97
93) Benzo(a)pyrene	23.886	252	1000417	10.535	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.538	276	456089	4.113	ng/ul	98
95) Dibenzo(a,h)anthracene	26.550	278	148995	1.481	ng/ul#	87
96) Benzo(g,h,i)perylene	27.315	276	330118	3.434	ng/ul	98

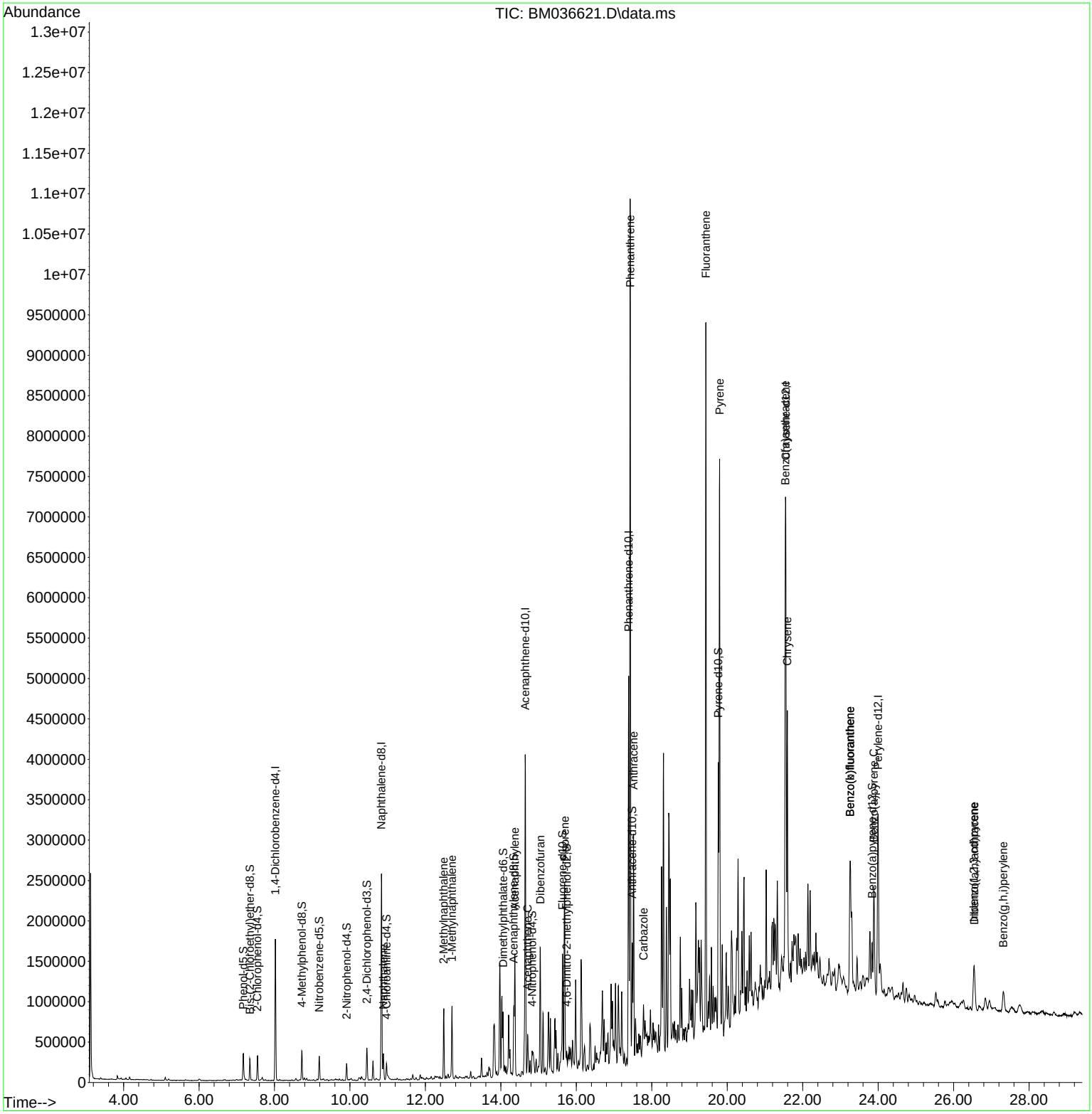
(#) = qualifier out of range (m) = manual integration (+) = signals summed

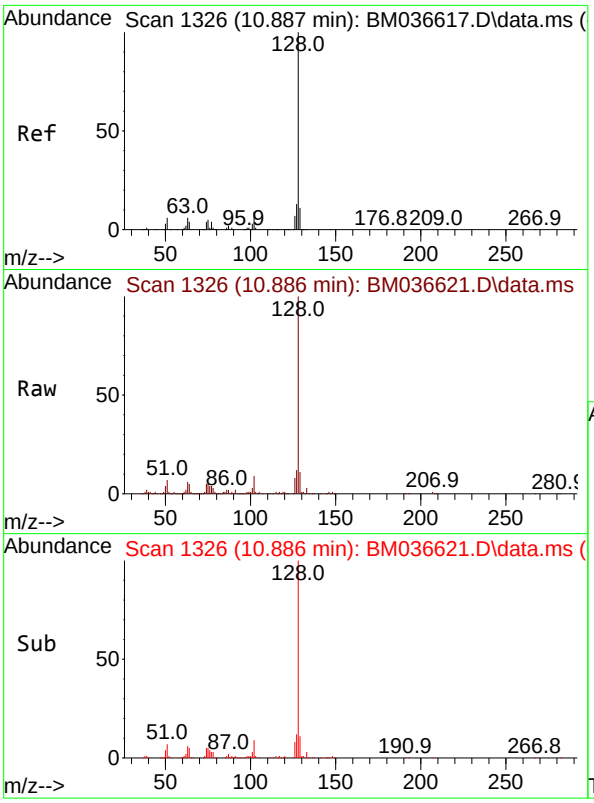
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036621.D
Acq On : 21 Sep 2022 12:47
Operator : CG/JU
Sample : N4604-18DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 21 22:48:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration



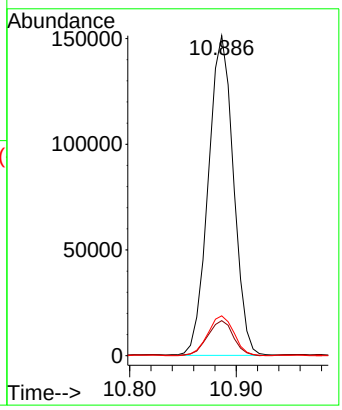


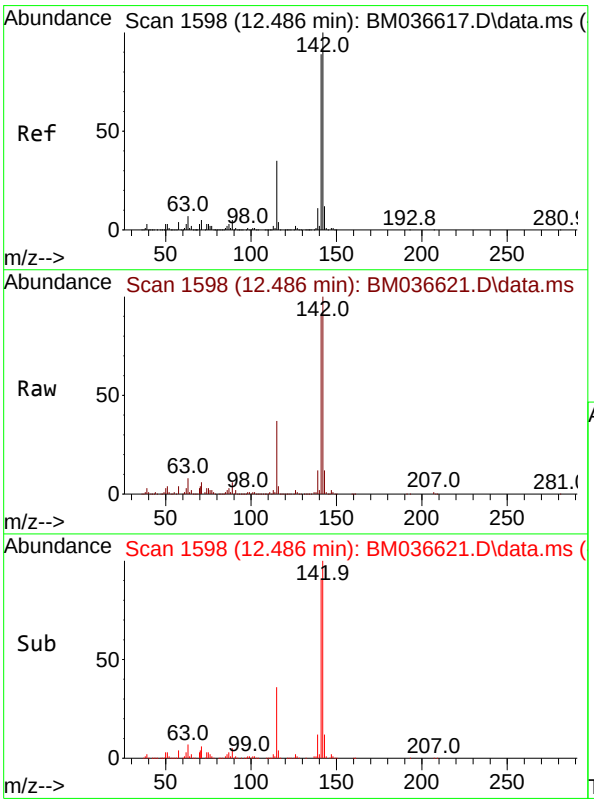
#30
Naphthalene
Concen: 2.179 ng/ul
RT: 10.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 248431

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.4	10.3	15.5

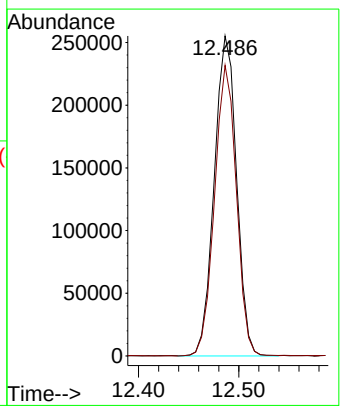


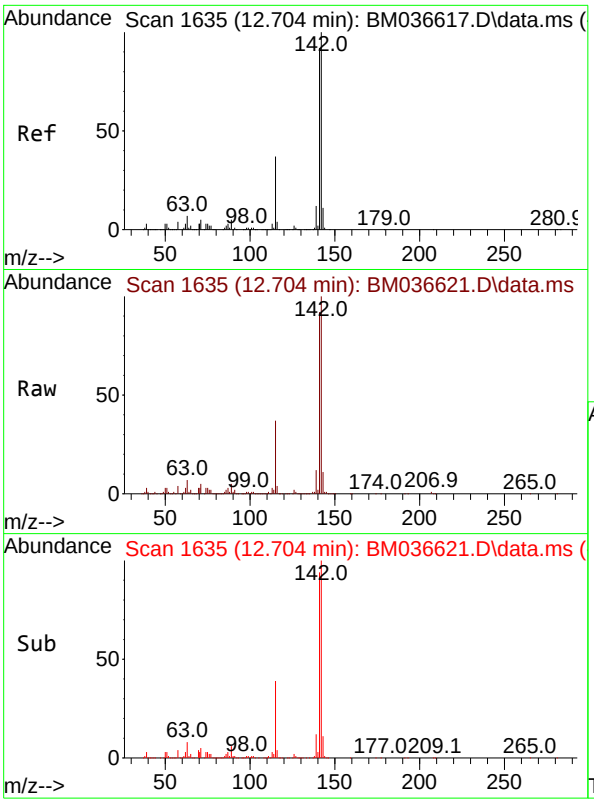


#36
2-Methylnaphthalene
Concen: 5.188 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:142 Resp: 394202

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.7	106.1



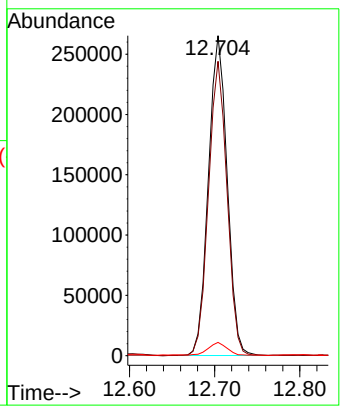


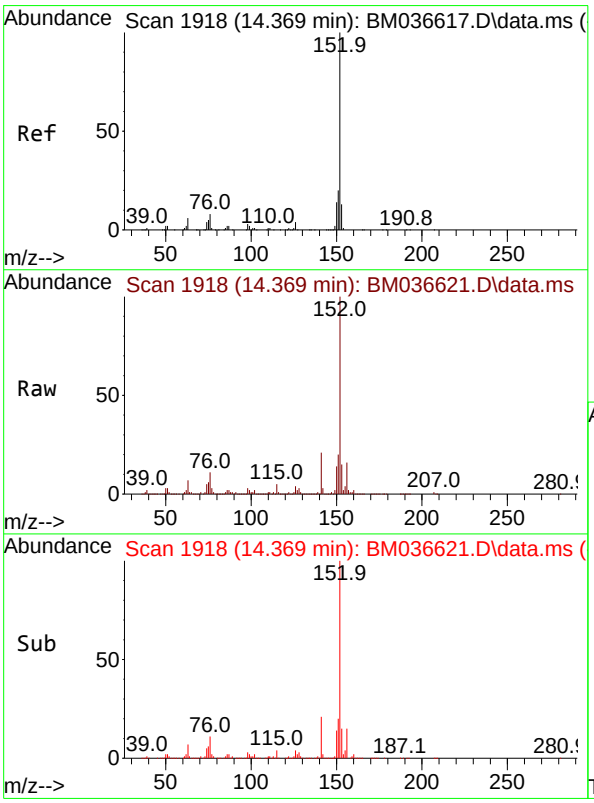
#37
1-Methylnaphthalene
Concen: 5.314 ng/ul
RT: 12.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 405899

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.2
116	4.2	3.1	4.7

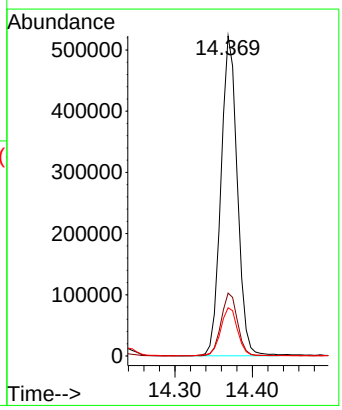


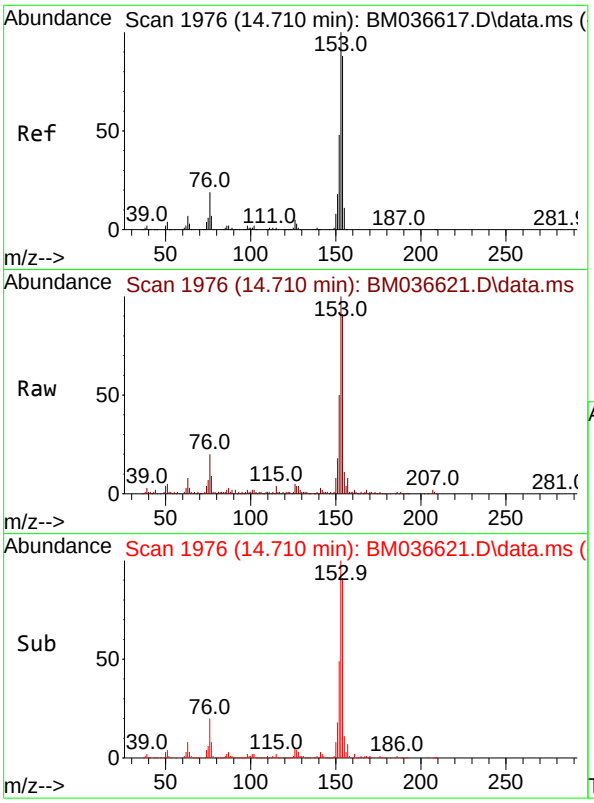


#50
Acenaphthylene
Concen: 6.236 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:152 Resp: 769876

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	15.1	10.5	15.7



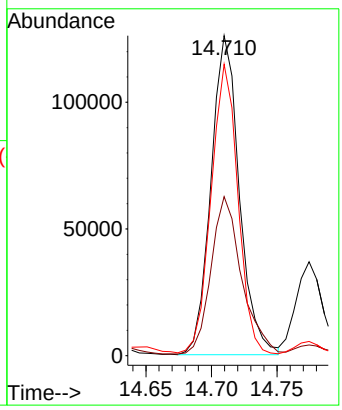


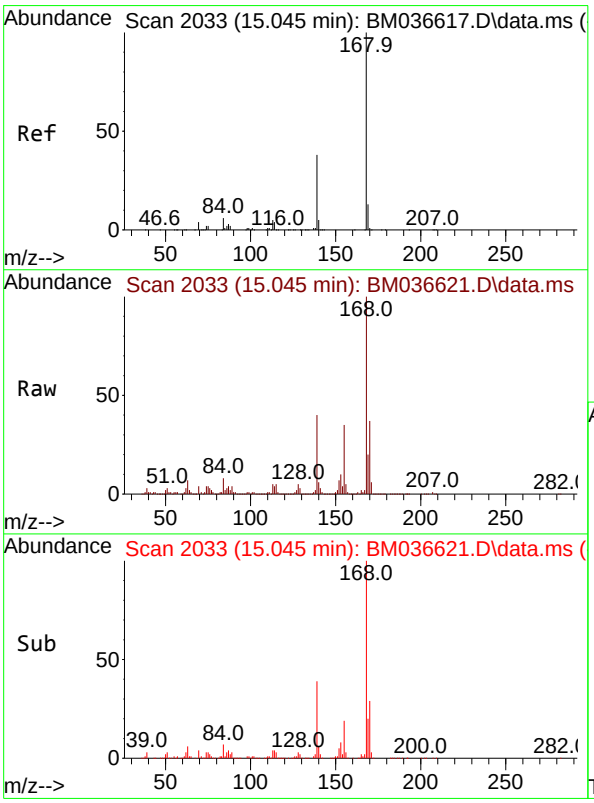
#52
Acenaphthene
Concen: 2.195 ng/ul
RT: 14.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 189645

Ion	Ratio	Lower	Upper
153	100		
152	49.7	38.2	57.2
154	91.1	71.0	106.6

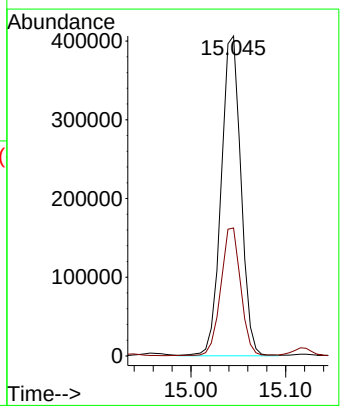


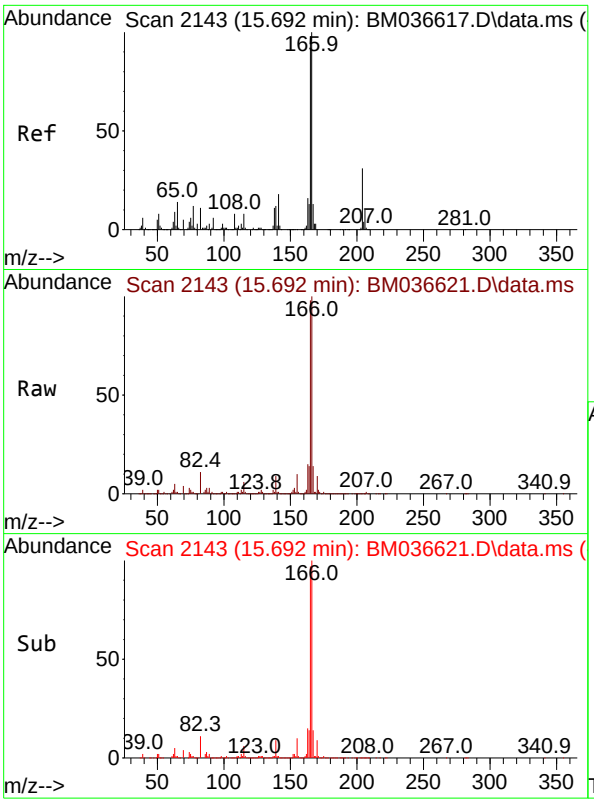


#56
Dibenzofuran
Concen: 5.076 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:168 Resp: 588914

Ion	Ratio	Lower	Upper
168	100		
139	40.0	29.7	44.5



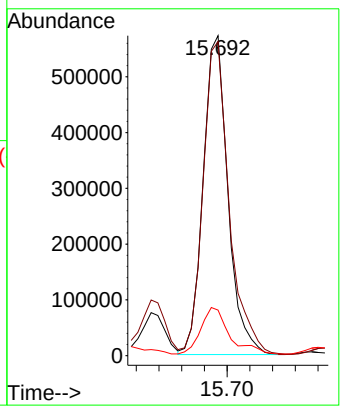


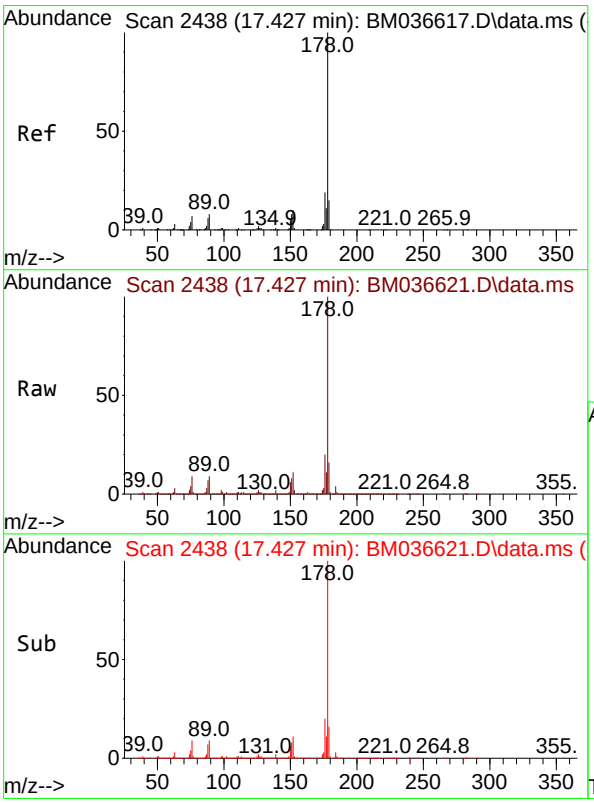
#61
Fluorene
Concen: 8.762 ng/ul
RT: 15.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 865726

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	14.3	10.4	15.6

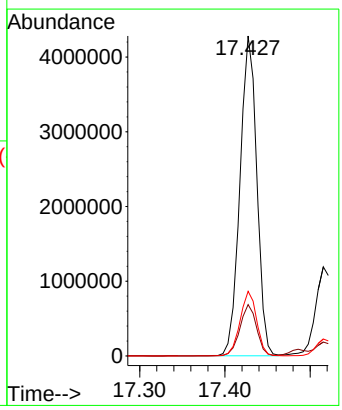


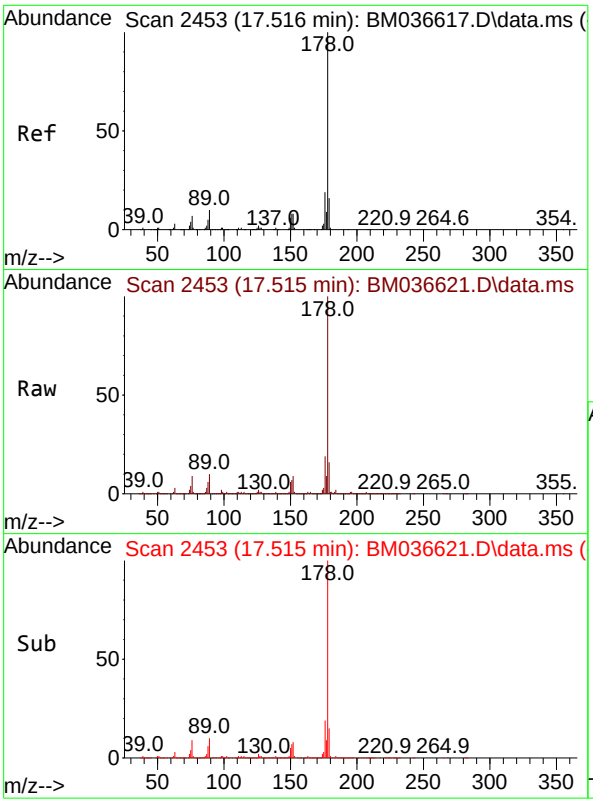


#72
Phenanthrene
Concen: 39.989 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:178 Resp: 5888388

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	20.2	15.7	23.5



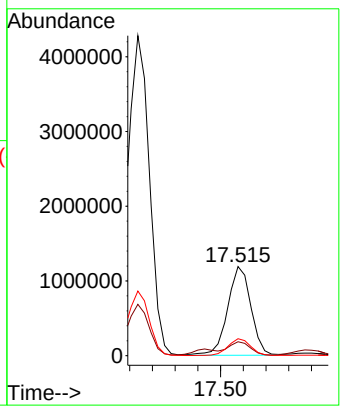


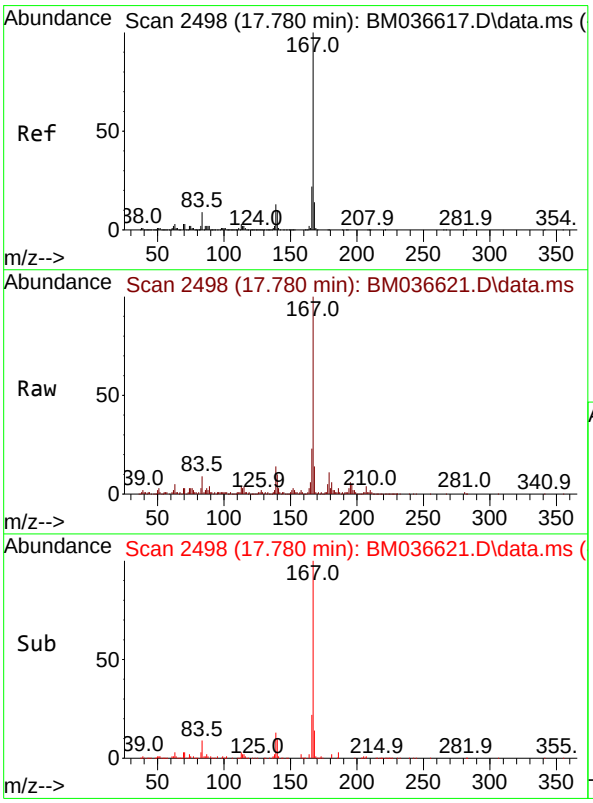
#74
Anthracene
Concen: 11.291 ng/ul
RT: 17.515 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1689874

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	15.0	22.6

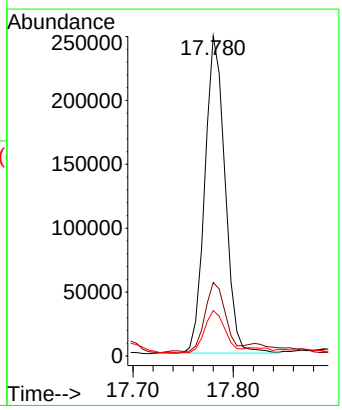


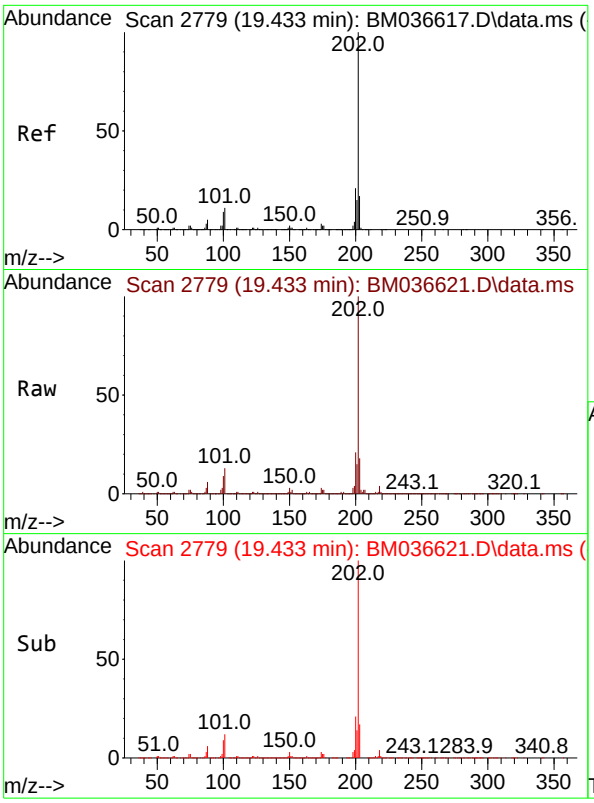


#77
Carbazole
Concen: 2.501 ng/ul
RT: 17.780 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:167 Resp: 346608

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.2	25.8
139	14.2	10.6	15.8



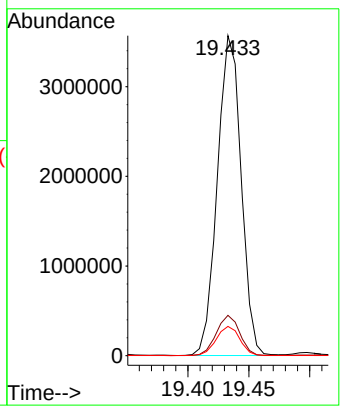


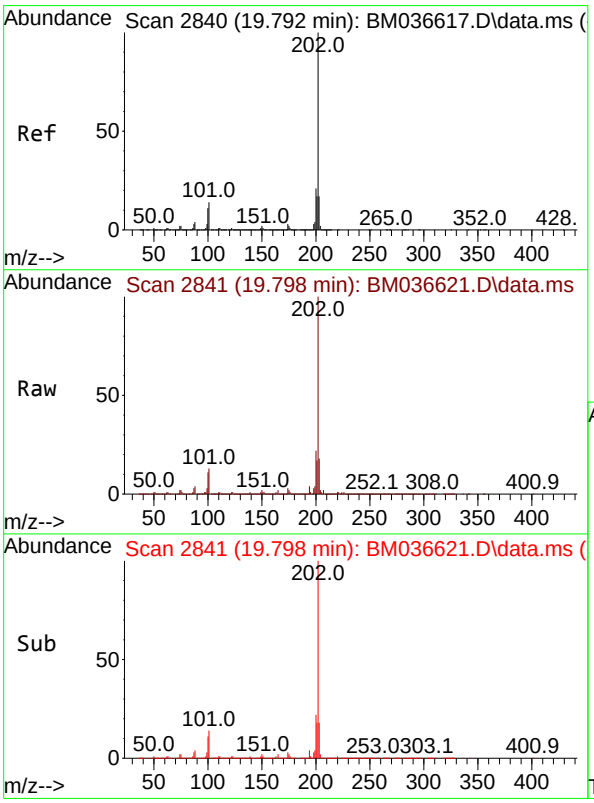
#80
Fluoranthene
Concen: 38.933 ng/ul
RT: 19.433 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4848767

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.6
100	9.2	7.4	11.2

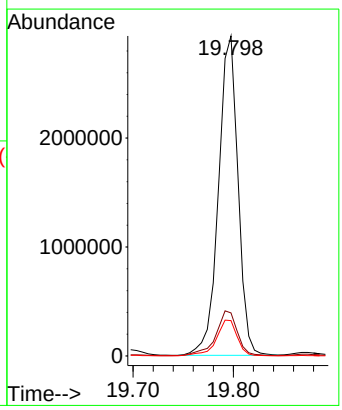


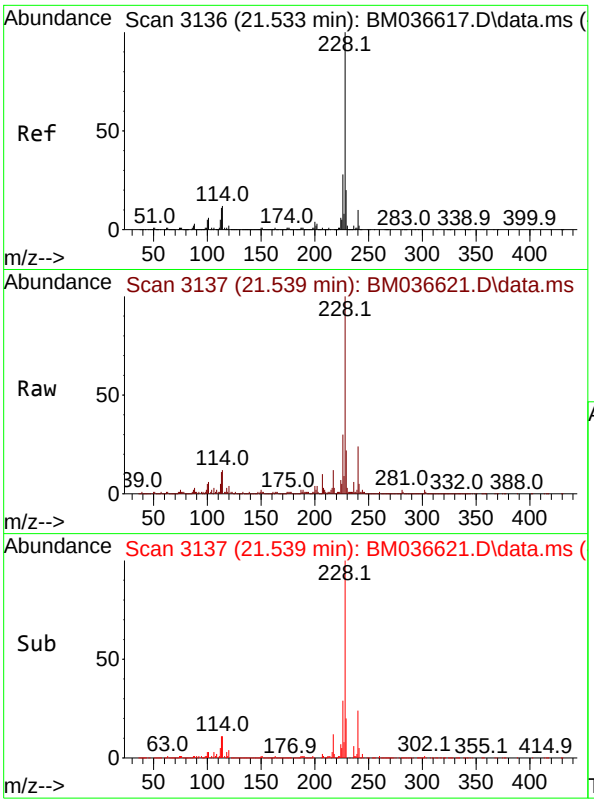


#82
Pyrene
Concen: 30.017 ng/ul
RT: 19.798 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:202 Resp: 3957138

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	11.1	8.7	13.1



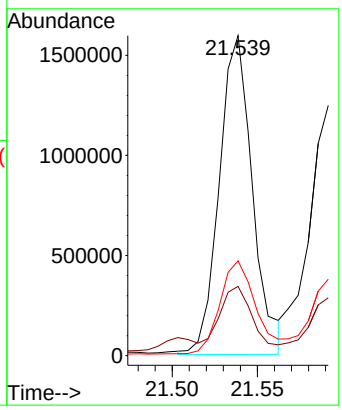


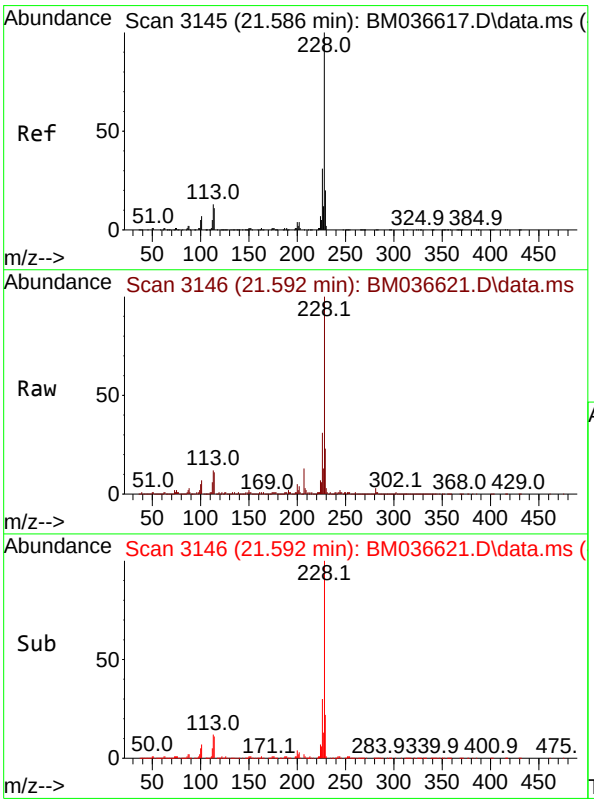
#85
Benzo(a)anthracene
Concen: 16.663 ng/ul
RT: 21.539 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2156835

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.8
226	29.6	21.9	32.9

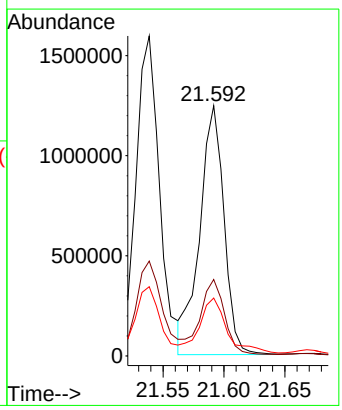


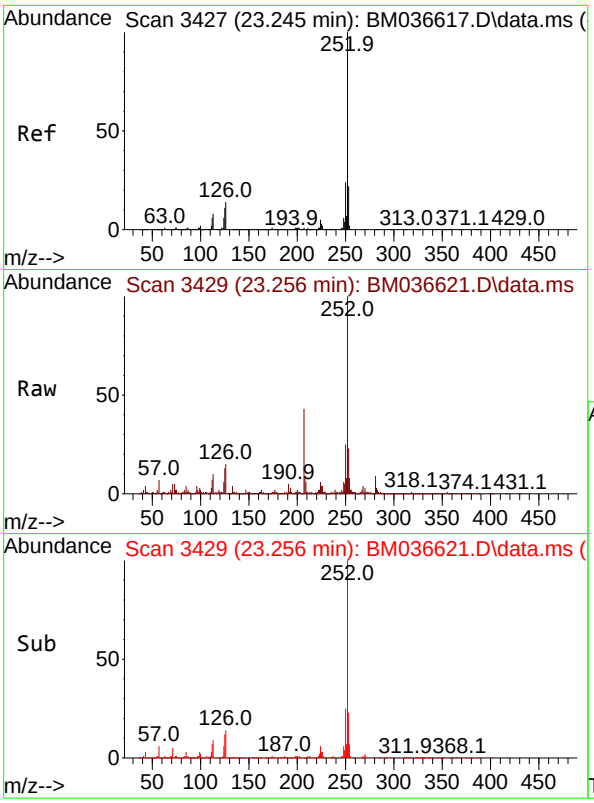


#87
Chrysene
Concen: 14.039 ng/ul
RT: 21.592 min Scan# 3146
Delta R.T. 0.006 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:228 Resp: 1724867

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.1	15.6	23.4



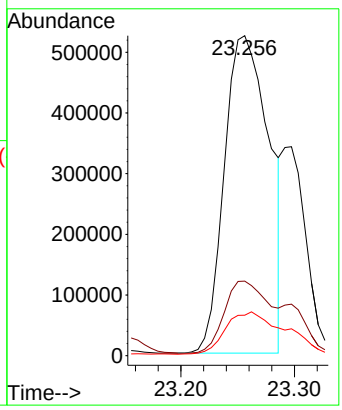


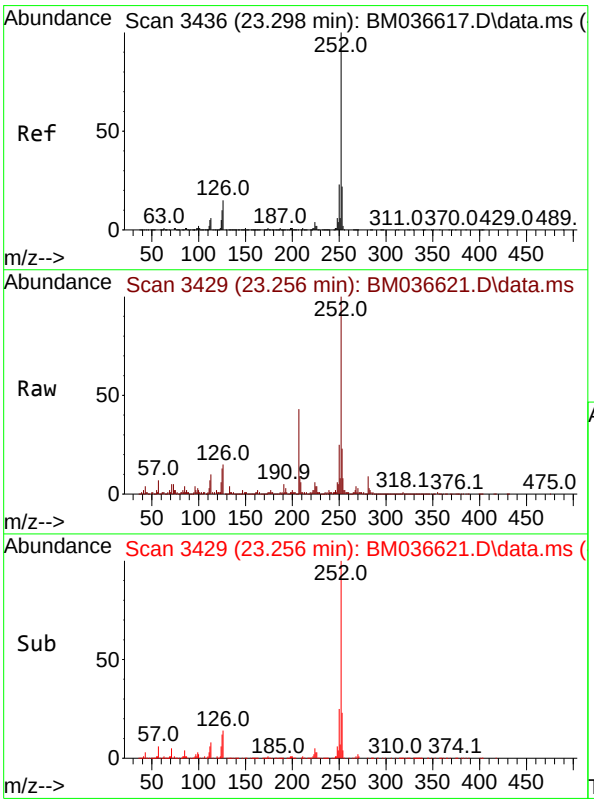
#90
Benzo(b)fluoranthene
Concen: 13.291 ng/ul
RT: 23.256 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1435782

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	12.7	9.1	13.7

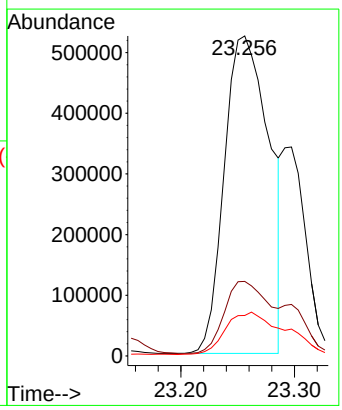


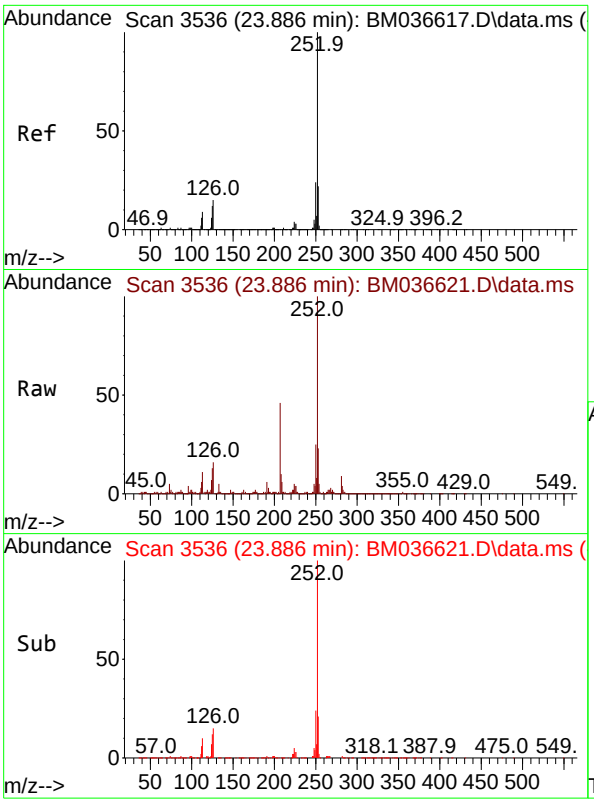


#91
Benzo(k)fluoranthene
Concen: 13.302 ng/ul
RT: 23.256 min Scan# 3429
Delta R.T. -0.041 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:252 Resp: 1435782

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.7	8.2	12.4#



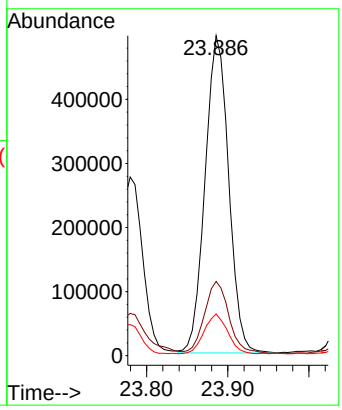


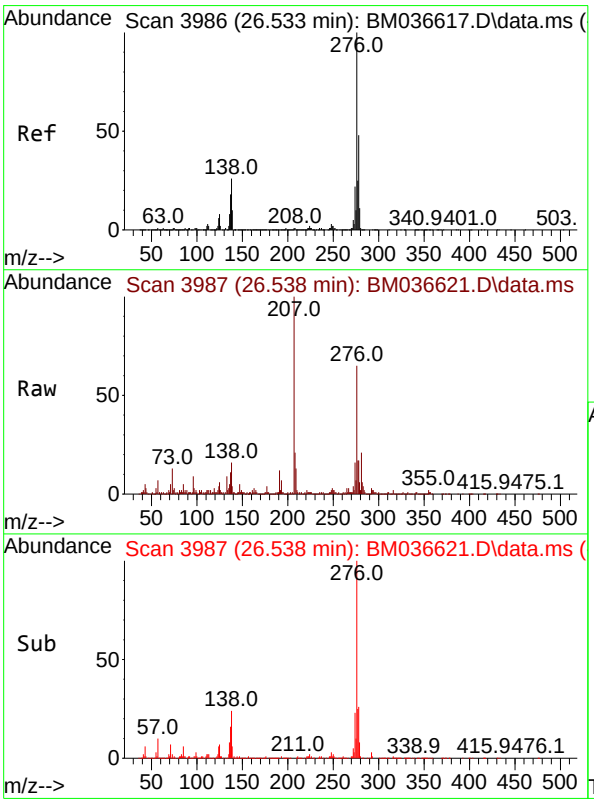
#93
Benzo(a)pyrene
Concen: 10.535 ng/ul
RT: 23.886 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1000417

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.0	9.5	14.3

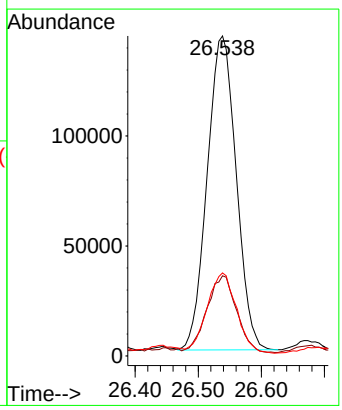


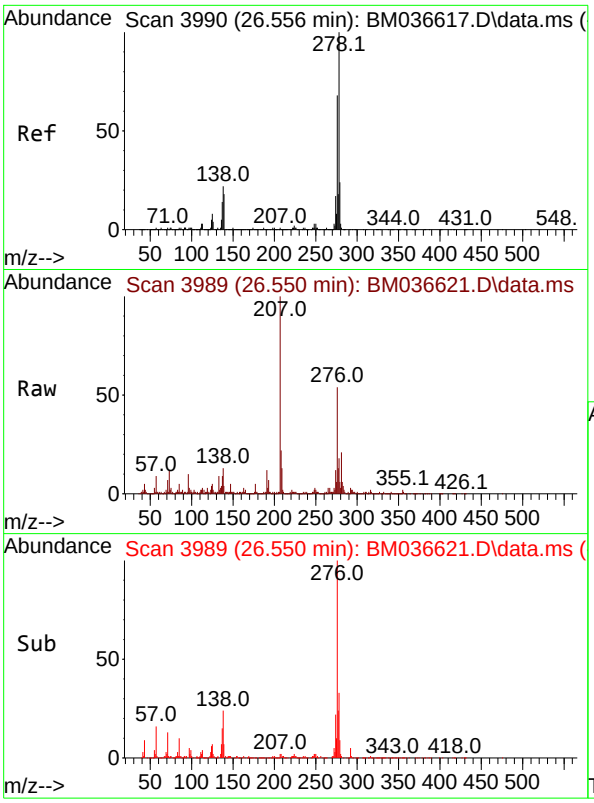


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.113 ng/ul
RT: 26.538 min Scan# 3987
Delta R.T. 0.006 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:276 Resp: 456089

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.4
277	26.0	19.7	29.5



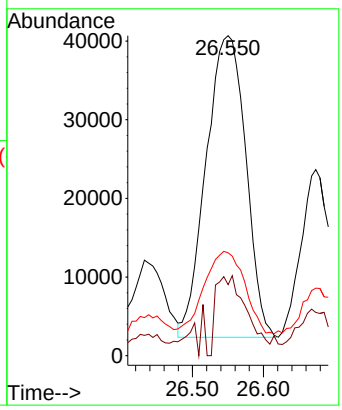


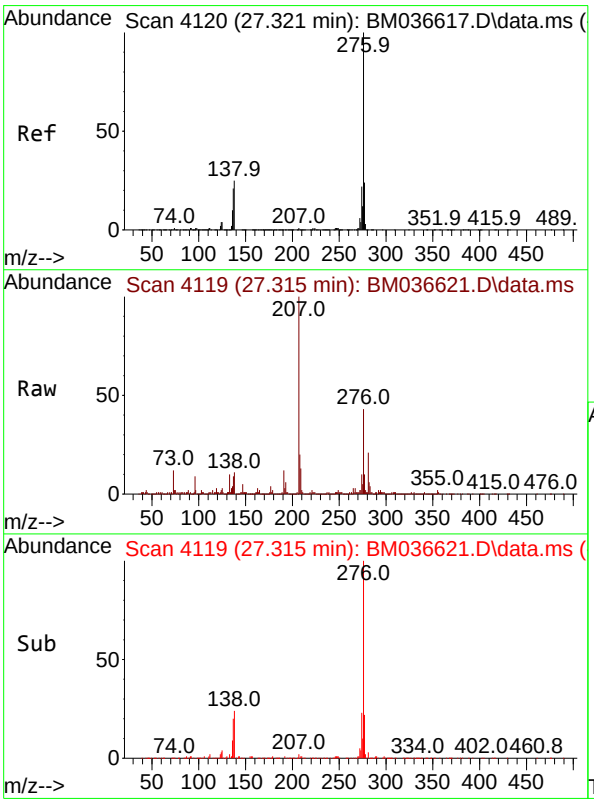
#95
Dibenzo(a,h)anthracene
Concen: 1.481 ng/ul
RT: 26.550 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 148995

Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.5	21.7#
279	32.2	19.7	29.5#





#96
Benzo(g,h,i)perylene
Concen: 3.434 ng/ul
RT: 27.315 min Scan# 4119
Delta R.T. -0.006 min
Lab File: BM036621.D
Acq: 21 Sep 2022 12:47

Tgt Ion:276 Resp: 330118

Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.7	28.1
277	24.0	19.2	28.8