Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
Data File : BM037509.D
Acq On : 16 Nov 2022 16:28
Operator : CG/JU
Sample : SSTD0.185
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Quant Time: Nov 17 00:33:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:28:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	8596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.968	136	23961	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.766	164	16154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.496	188	37794	0.400	ng/ul	0.00
17) Chrysene-d12	21.657	240	31287	0.400	ng/ul	0.00
23) Perylene-d12	24.156	264	33703	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	1134	0.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	3885	0.108	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	10236	0.105	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.500	88	1183	0.110	ng/ul#	44
5) Naphthalene	11.018	128	7120	0.103	ng/ul#	92
7) 2-Methylnaphthalene	12.613	142	4877	0.112	ng/ul	100
8) 1-Methylnaphthalene	12.833	142	4928	0.110	ng/ul	98
10) Acenaphthylene	14.488	152	8836	0.128	ng/ul	97
11) Acenaphthene	14.826	153	6210	0.102	ng/ul	97
12) Fluorene	15.806	166	7471	0.107	ng/ul	97
14) Pentachlorophenol	17.141	266	719	0.072	ng/ul	97
15) Phenanthrene	17.538	178	13046	0.101	ng/ul	97
16) Anthracene	17.631	178	12216	0.116	ng/ul	96
19) Fluoranthene	19.541	202	14868	0.100	ng/ul	97
20) Pyrene	19.899	202	15736	0.101	ng/ul	98
21) Benzo(a)anthracene	21.642	228	14170	0.105	ng/ul	99
22) Chrysene	21.698	228	13917	0.092	ng/ul	99
24) Benzo(b)fluoranthene	23.393	252	15298	0.079	ng/ul	92
25) Benzo(k)fluoranthene	23.443	252	15421	0.083	ng/ul#	92
26) Benzo(a)pyrene	24.045	252	13267	0.082	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.781	276	17751	0.082	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.811	278	13731	0.083	ng/ul	93
29) Benzo(g,h,i)perylene	27.586	276	15210	0.082	ng/ul	94

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

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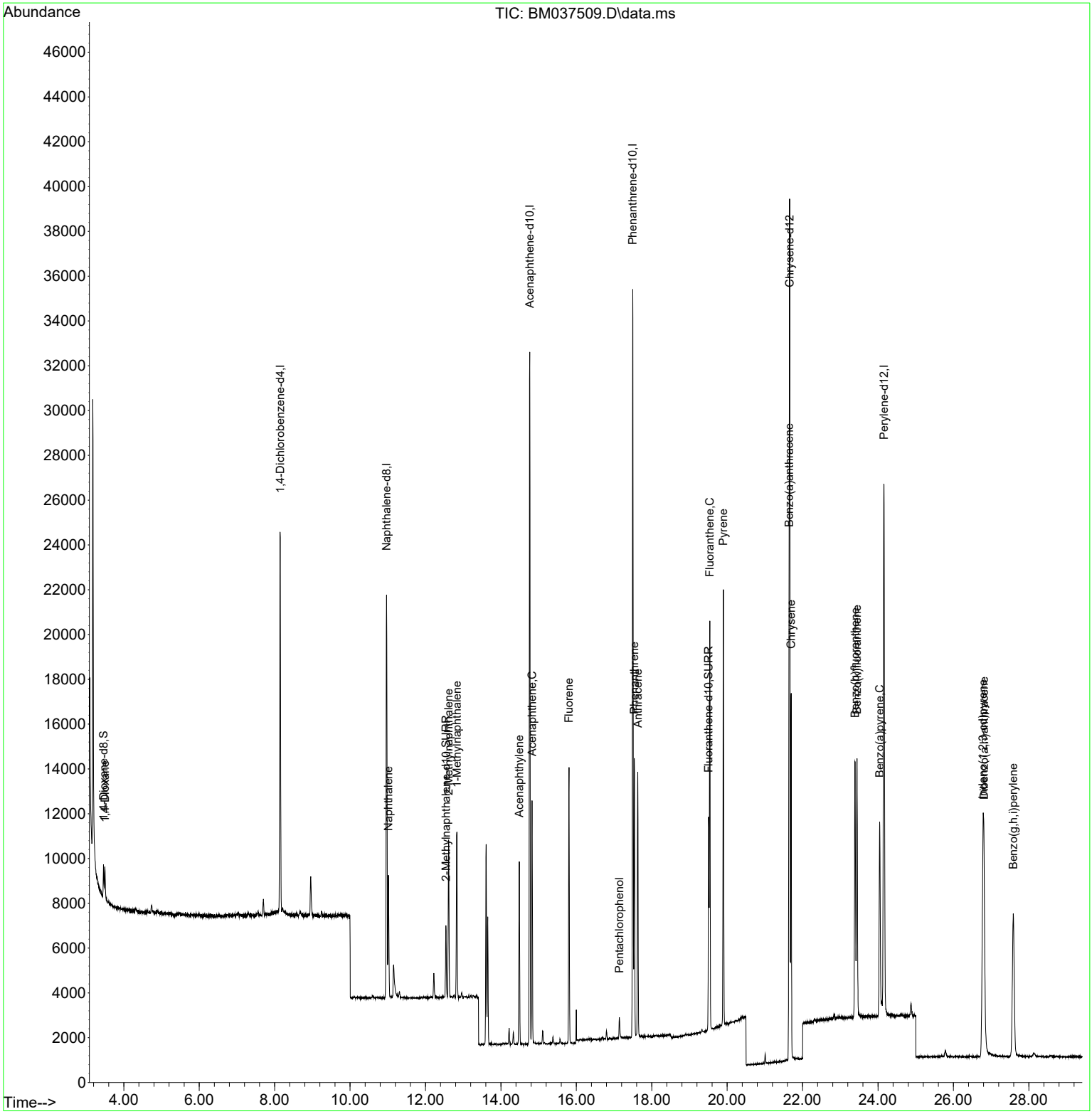
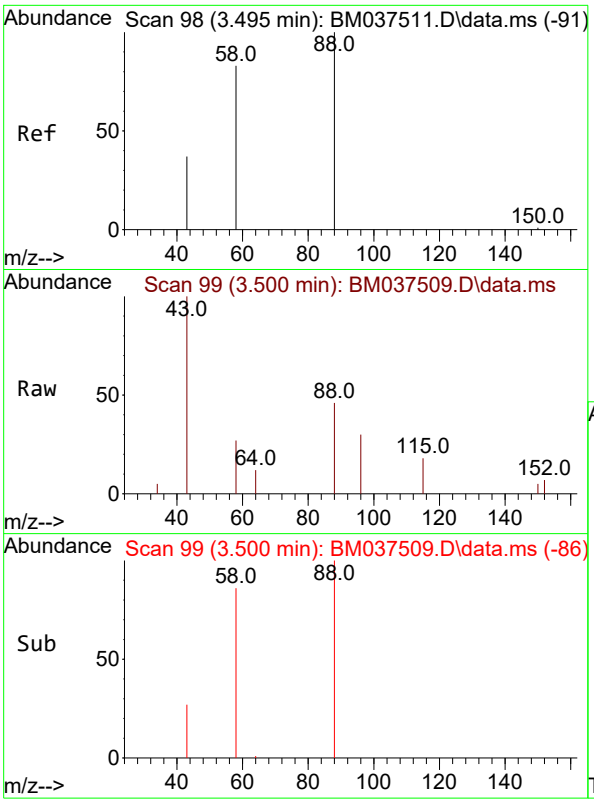


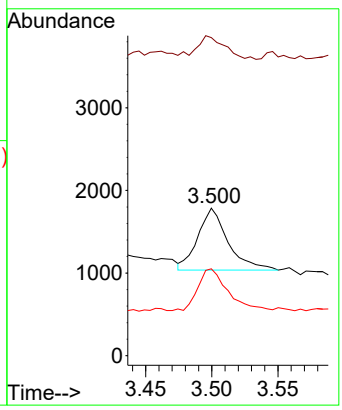


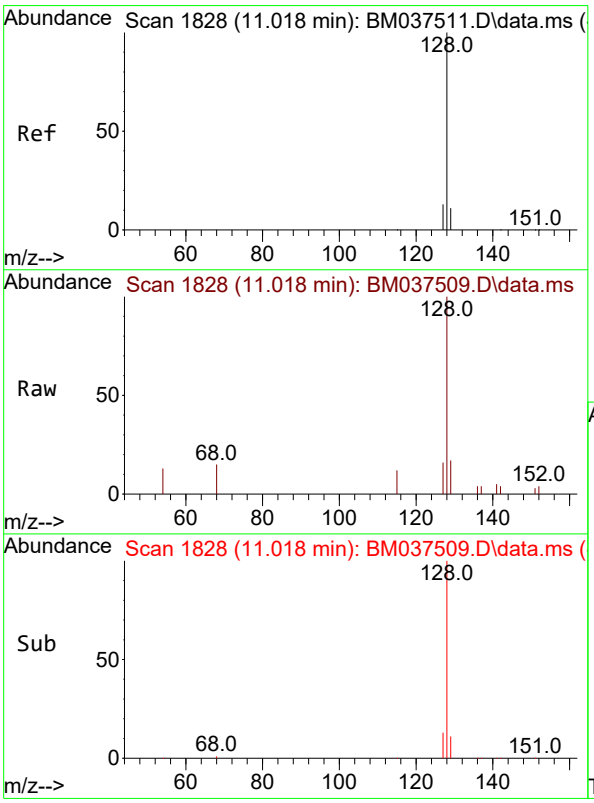
#2
1,4-Dioxane
Concen: 0.110 ng/ul
RT: 3.500 min Scan# 9
Delta R.T. 0.005 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion: 88 Resp: 1183

Ion	Ratio	Lower	Upper
88	100		
43	215.6	102.8	154.2#
58	58.8	67.3	100.9#

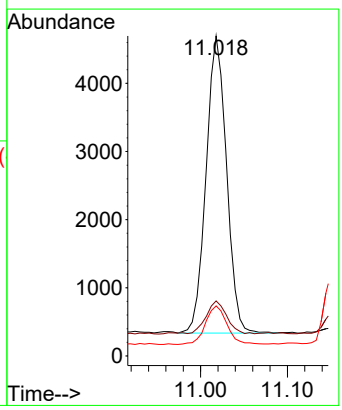


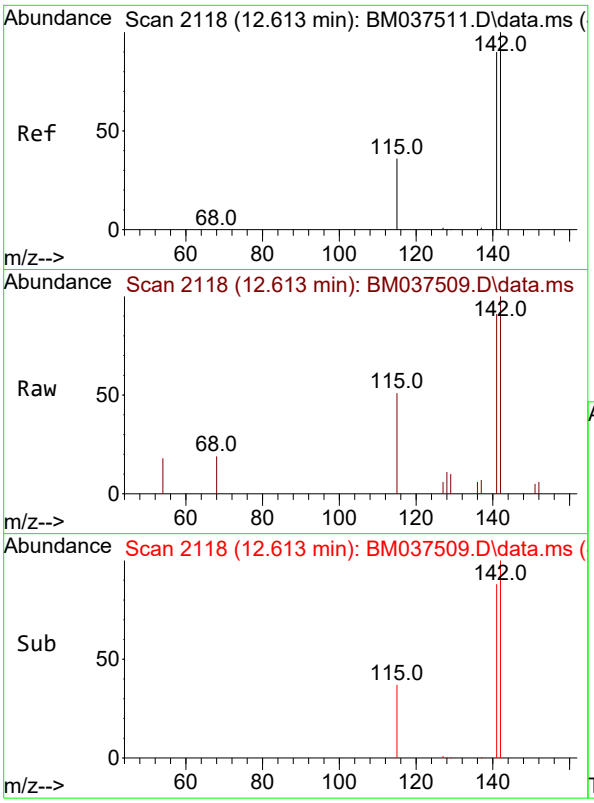


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:128 Resp: 7120

Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.8	14.8#
127	15.7	11.0	16.4



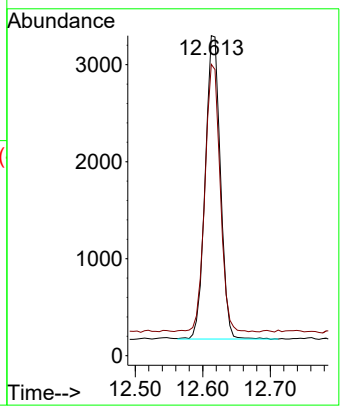


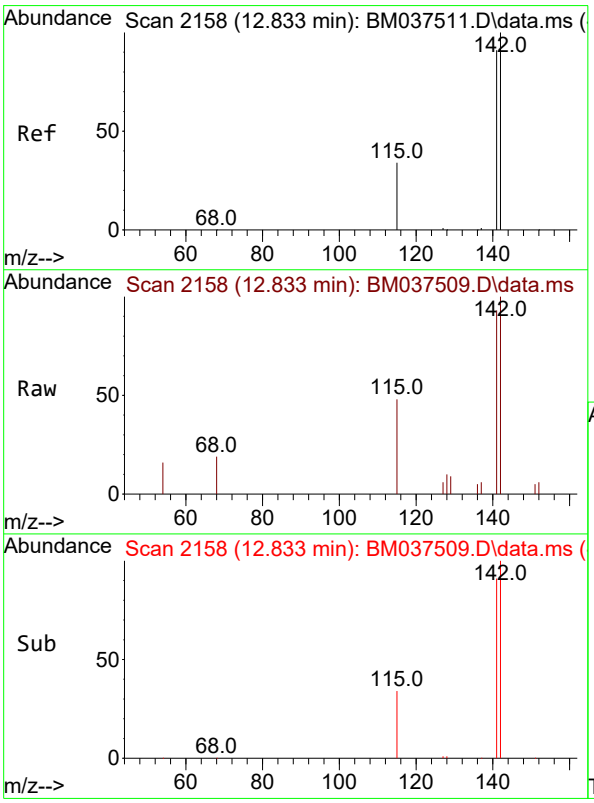
#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.613 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:142 Resp: 4877

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4

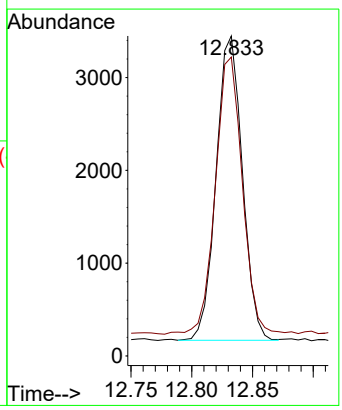


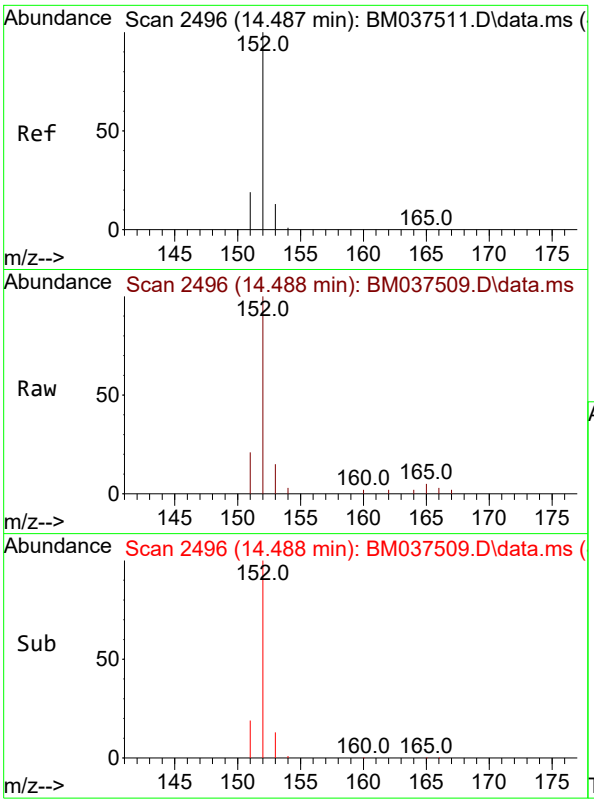


#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.833 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:142 Resp: 4928

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.4	110.0



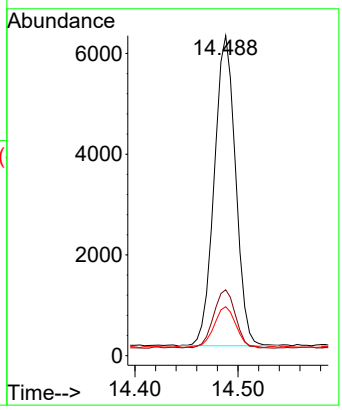


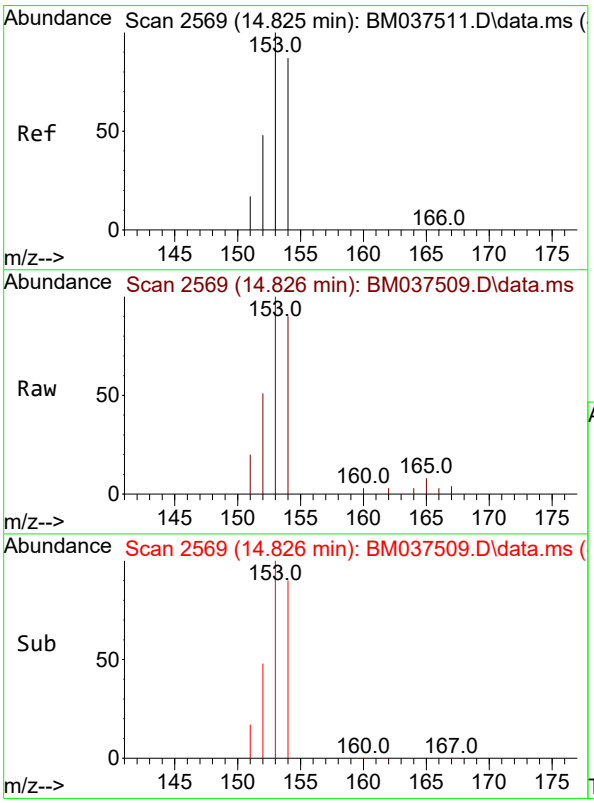
#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 14.488 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:152 Resp: 8836

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	15.3	11.0	16.4

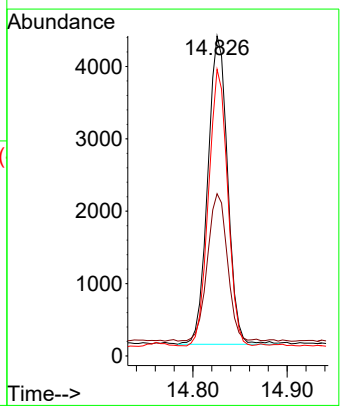


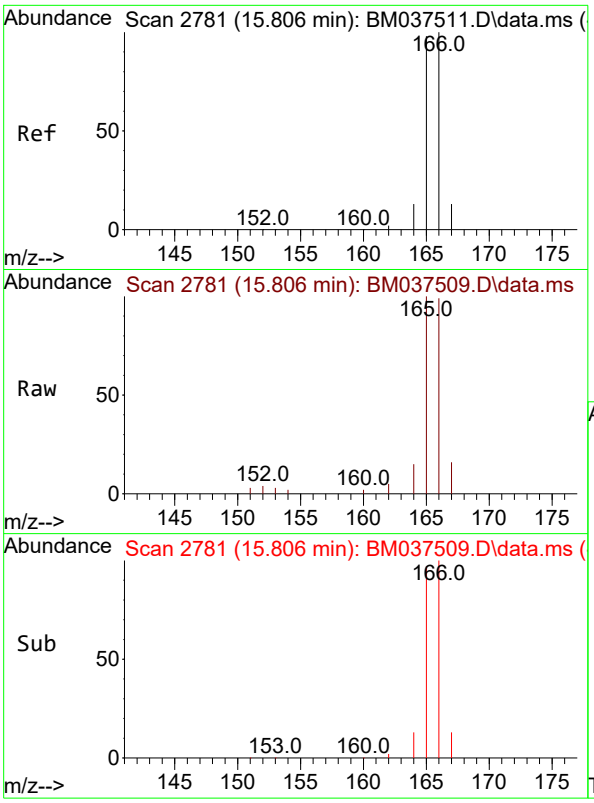


#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.826 min Scan# 2569
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:153 Resp: 6210

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.4	59.0
154	89.6	69.5	104.3



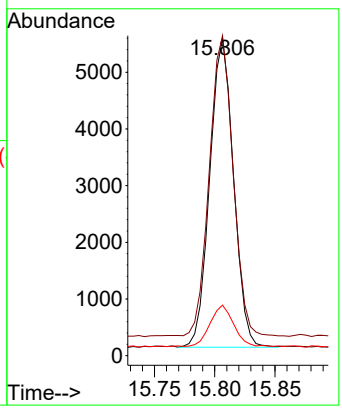


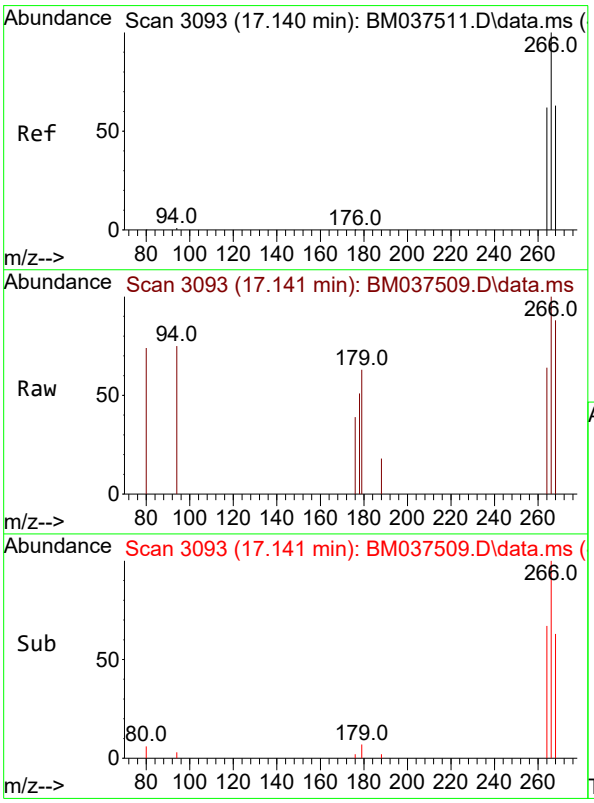
#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.806 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:166 Resp: 7471

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.7	118.1
167	15.9	11.3	16.9

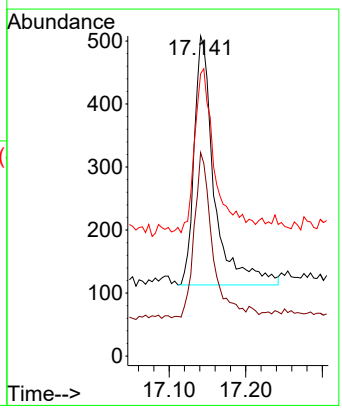


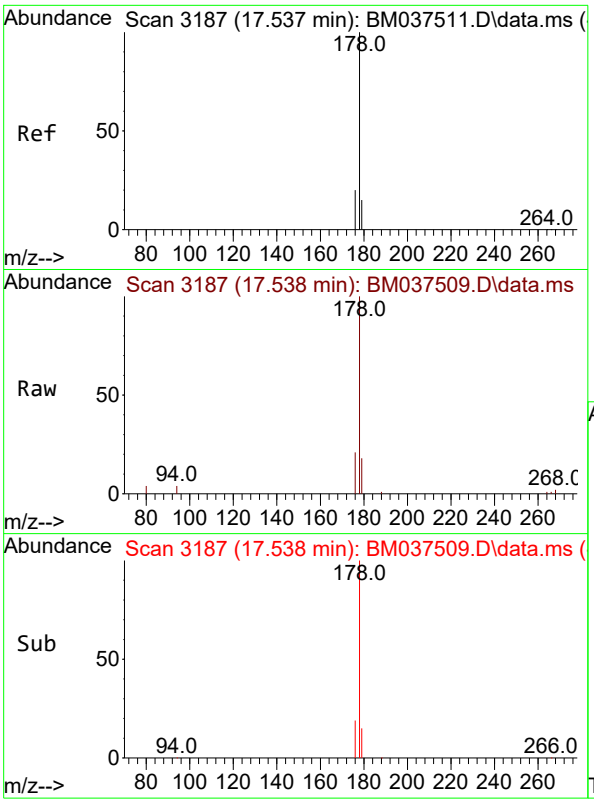


#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:266 Resp: 719

Ion	Ratio	Lower	Upper
266	100		
264	58.0	50.2	75.2
268	64.7	52.0	78.0



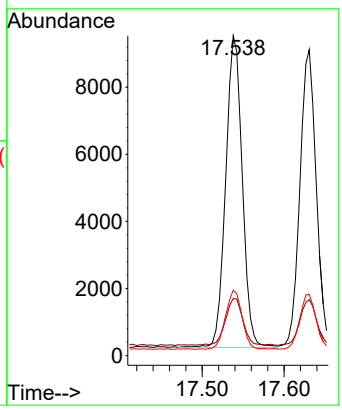


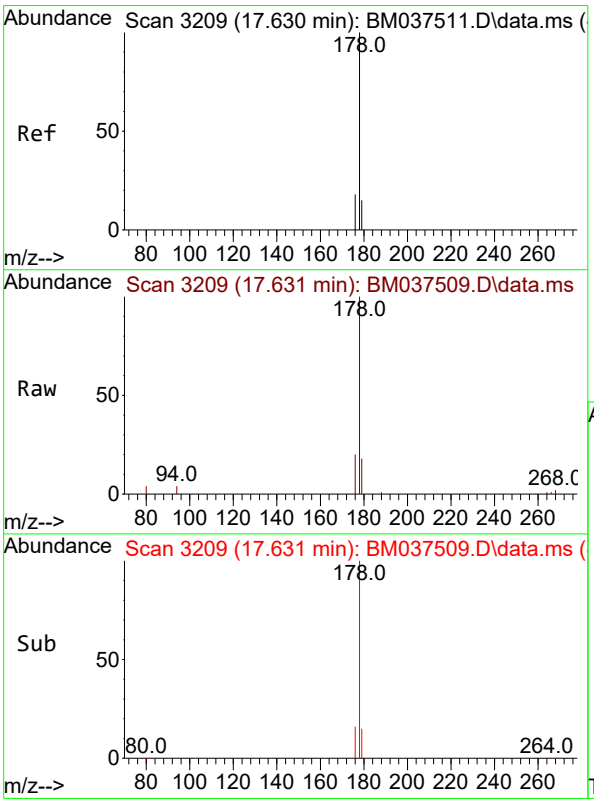
#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.538 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:178 Resp: 13046

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	18.8
176	20.5	16.0	24.0

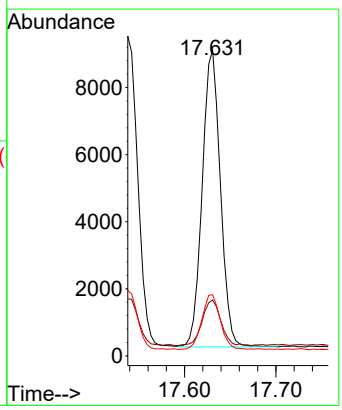


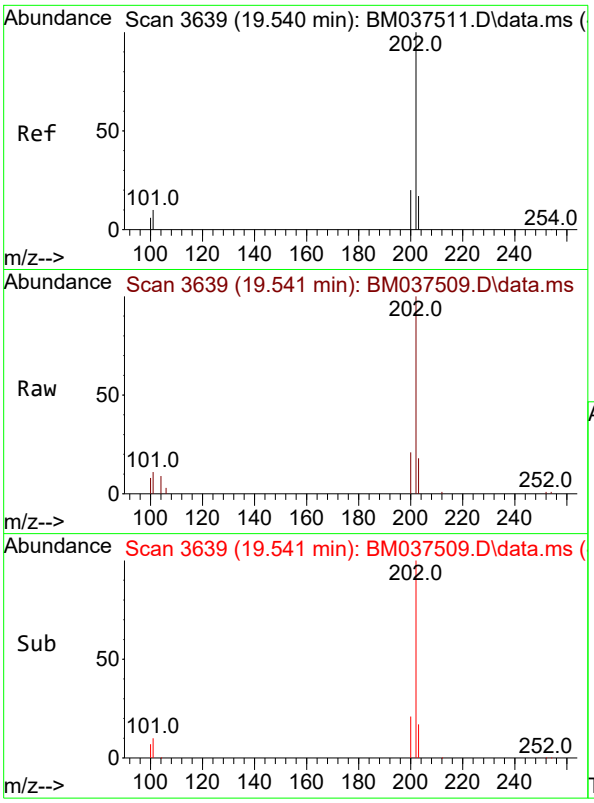


#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.631 min Scan# 3209
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:178 Resp: 12216

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.8	19.2
176	20.0	15.0	22.6



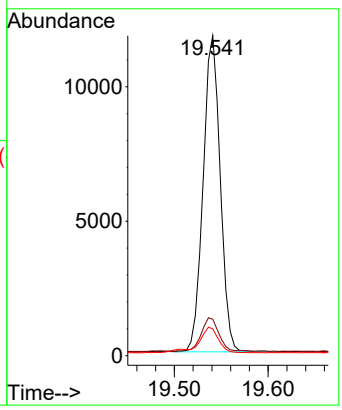


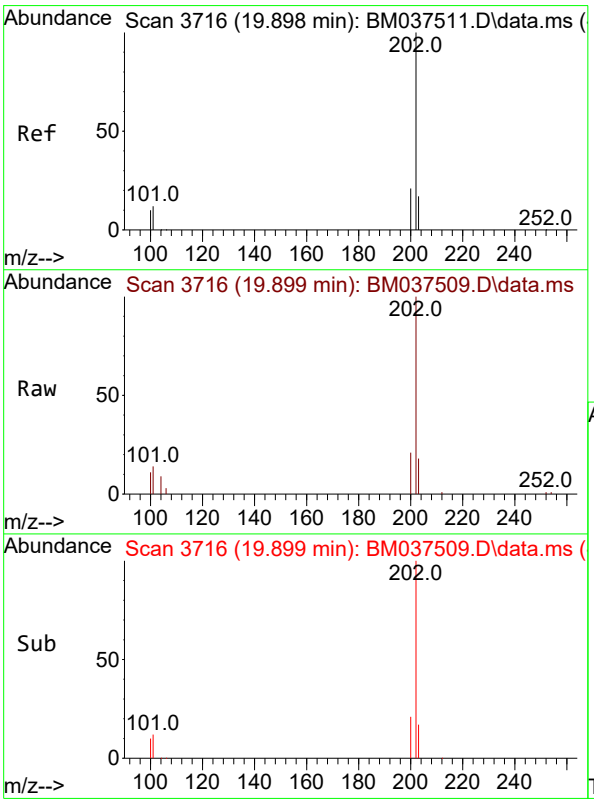
#19
Fluoranthene
Concen: 0.100 ng/ul
RT: 19.541 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:202 Resp: 14868

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.2	12.2
100	8.3	6.1	9.1

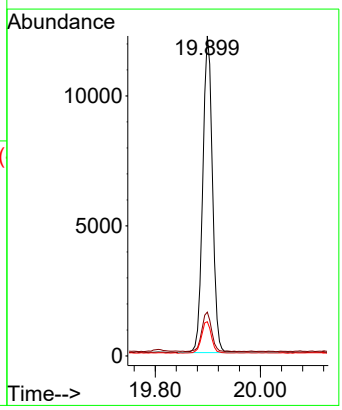


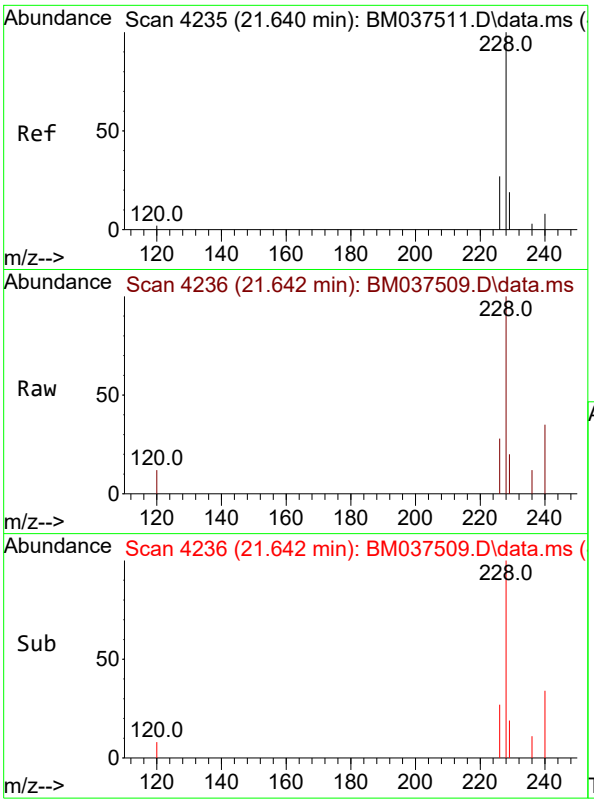


#20
Pyrene
Concen: 0.101 ng/ul
RT: 19.899 min Scan# 3716
Delta R.T. 0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:202 Resp: 15736

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.1	15.1
100	10.7	8.0	12.0



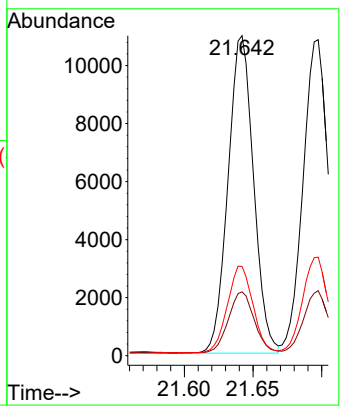


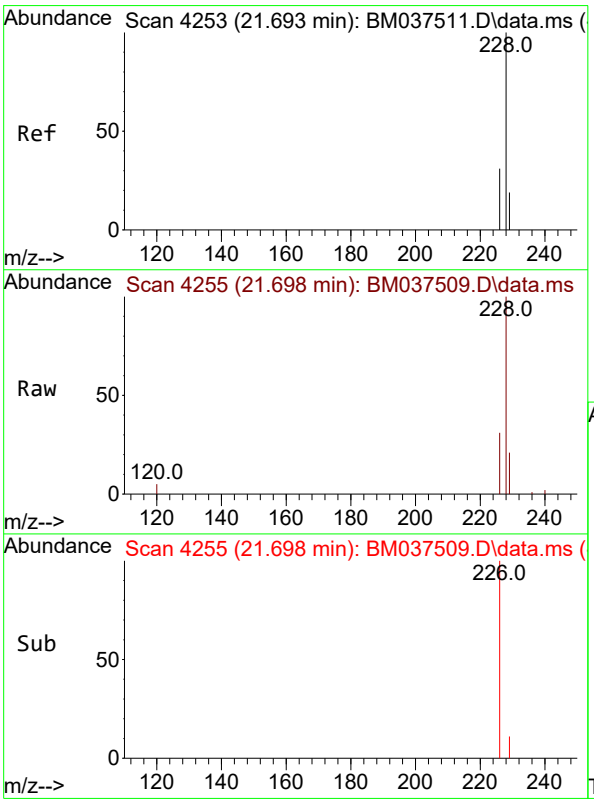
#21
Benzo(a)anthracene
Concen: 0.105 ng/ul
RT: 21.642 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:228 Resp: 14170

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.9	22.2	33.2

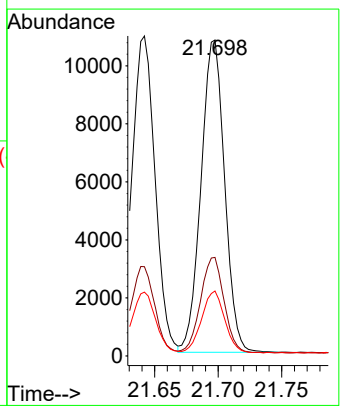


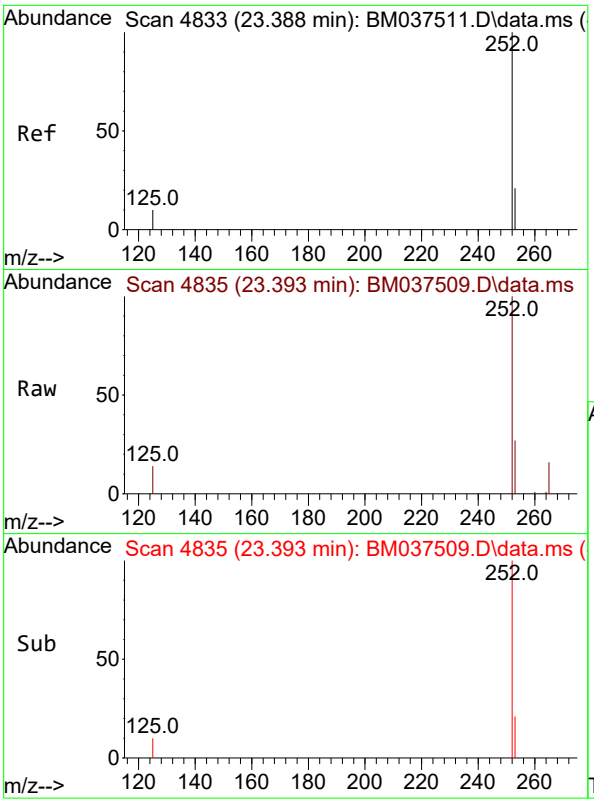


#22
Chrysene
Concen: 0.092 ng/ul
RT: 21.698 min Scan# 4255
Delta R.T. 0.005 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:228 Resp: 13917

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.5	15.5	23.3



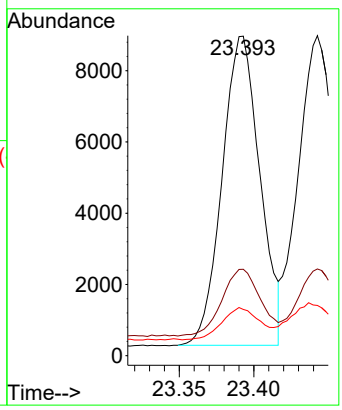


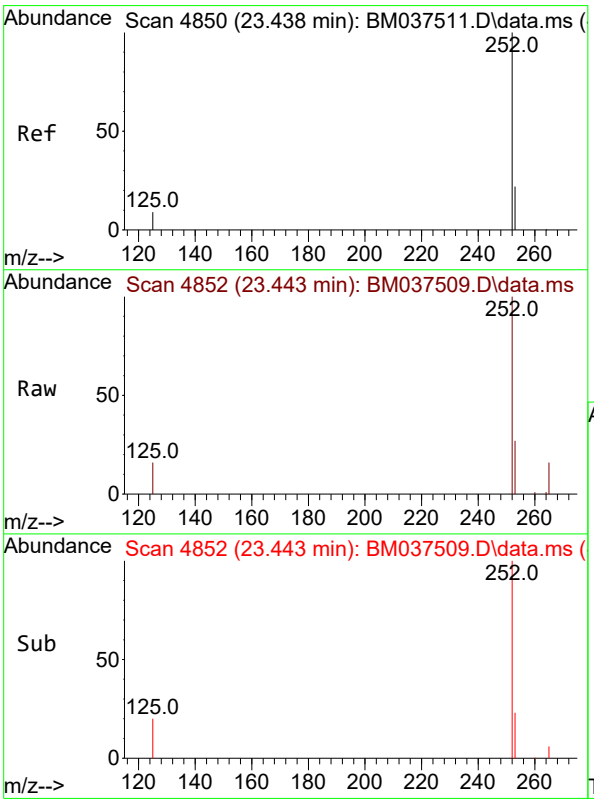
#24
Benzo(b)fluoranthene
Concen: 0.079 ng/ul
RT: 23.393 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:252 Resp: 15298

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	46.2
125	14.5	0.0	23.4

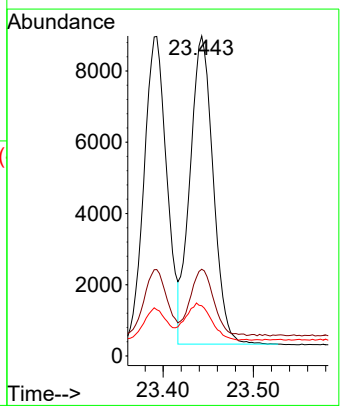


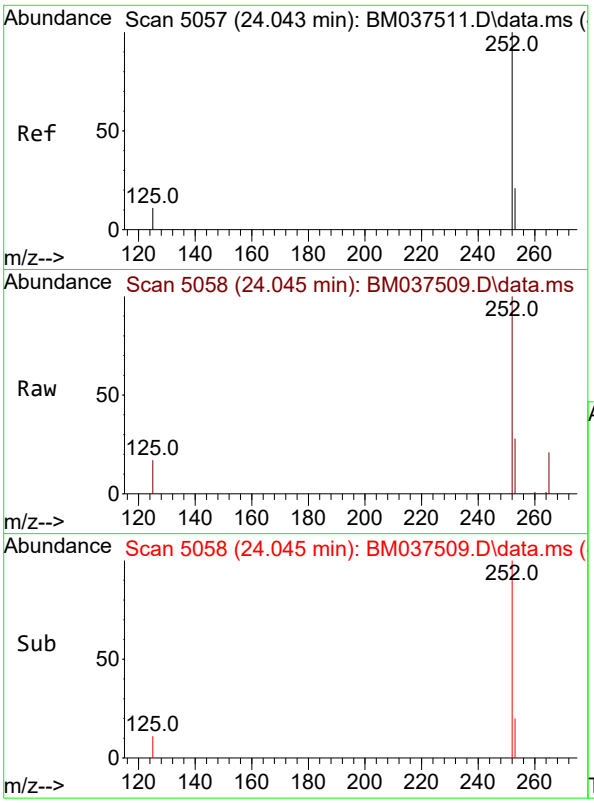


#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul
RT: 23.443 min Scan# 4852
Delta R.T. 0.005 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:252 Resp: 15421

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.8	28.2
125	15.7	9.8	14.6#



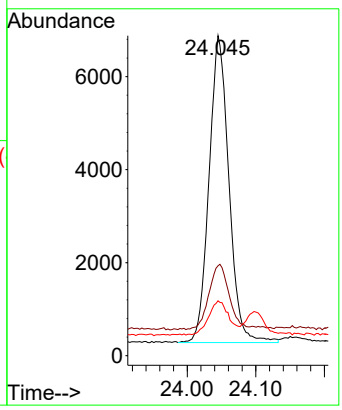


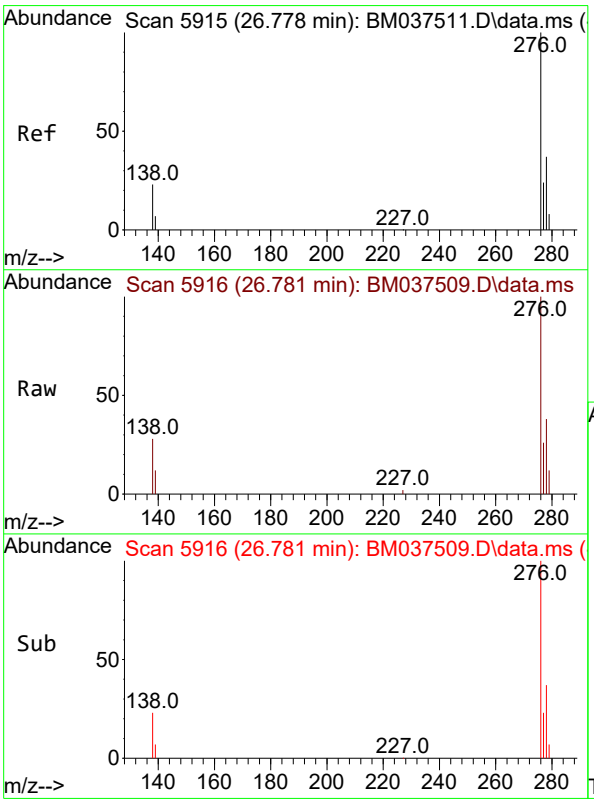
#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 24.045 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:252 Resp: 13267

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.8	28.2
125	17.2	10.5	15.7#

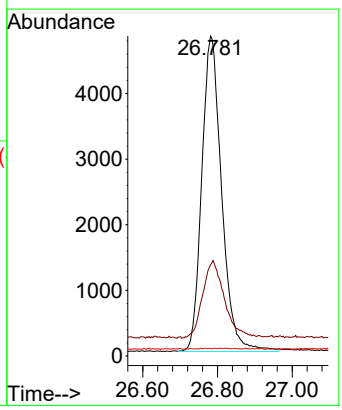


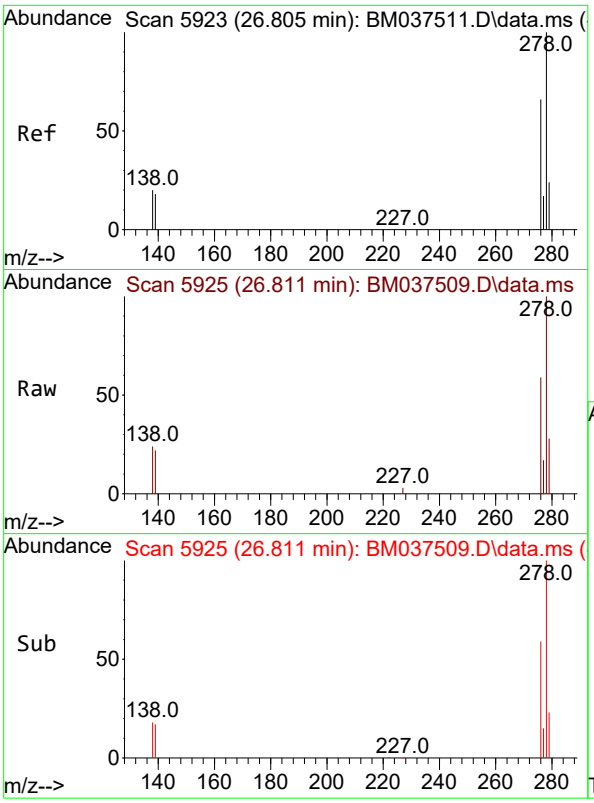


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng/ul
RT: 26.781 min Scan# 5916
Delta R.T. 0.003 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:276 Resp: 17751

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
227	0.1	0.1	0.1



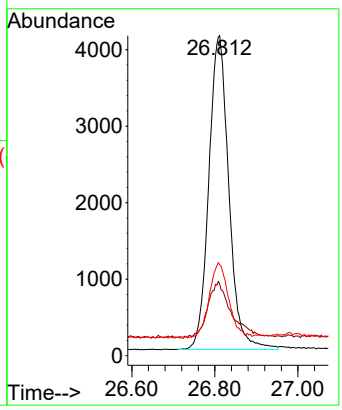


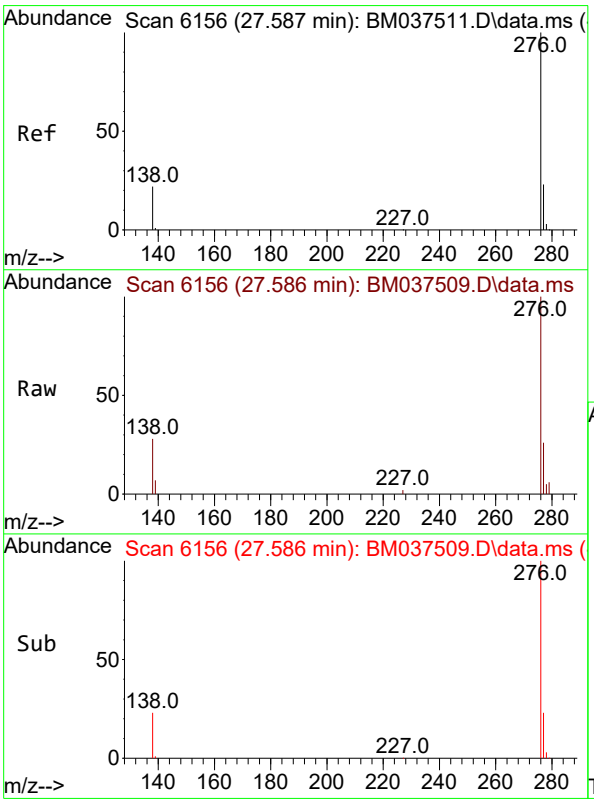
#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 26.811 min Scan# 5
Delta R.T. 0.006 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:278 Resp: 13731

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.2	22.8
279	28.4	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.082 ng/ul
RT: 27.586 min Scan# 6156
Delta R.T. -0.001 min
Lab File: BM037509.D
Acq: 16 Nov 2022 16:28

Tgt Ion:276 Resp: 15210

Ion	Ratio	Lower	Upper
276	100		
138	28.3	19.0	28.4
277	25.7	19.4	29.2