Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
Data File : BM037378.D
Acq On : 05 Nov 2022 15:29
Operator : CG/JU
Sample : SSTD0.882
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Quant Time: Nov 07 00:19:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:16:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	5421	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16840	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	9755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	20157	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	16649	0.400	ng/ul	0.00
23) Perylene-d12	23.721	264	15082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	5601	0.847	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	21241	0.887	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	43176	0.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	5542	0.807	ng/ul#	91
5) Naphthalene	10.688	128	40988	0.822	ng/ul	100
7) 2-Methylnaphthalene	12.305	142	26139	0.875	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	26707	0.876	ng/ul	100
10) Acenaphthylene	14.196	152	35174	0.839	ng/ul	100
11) Acenaphthene	14.533	153	31051	0.820	ng/ul	99
12) Fluorene	15.523	166	35599	0.804	ng/ul	99
14) Pentachlorophenol	16.874	266	4352	0.892	ng/ul	99
15) Phenanthrene	17.254	178	56583	0.832	ng/ul	99
16) Anthracene	17.347	178	48137	0.893	ng/ul	99
19) Fluoranthene	19.271	202	65760	0.909	ng/ul	99
20) Pyrene	19.628	202	67691	0.923	ng/ul	99
21) Benzo(a)anthracene	21.368	228	59720	0.924	ng/ul	100
22) Chrysene	21.421	228	63692	0.857	ng/ul	100
24) Benzo(b)fluoranthene	23.005	252	71303	0.893	ng/ul	94
25) Benzo(k)fluoranthene	23.055	252	67934	0.880	ng/ul#	93
26) Benzo(a)pyrene	23.616	252	59885	0.934	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.131	276	79405	0.886	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.148	278	61558	0.871	ng/ul	97
29) Benzo(g,h,i)perylene	26.876	276	67315	0.854	ng/ul	98

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

Quantitation Report (Not Reviewed)

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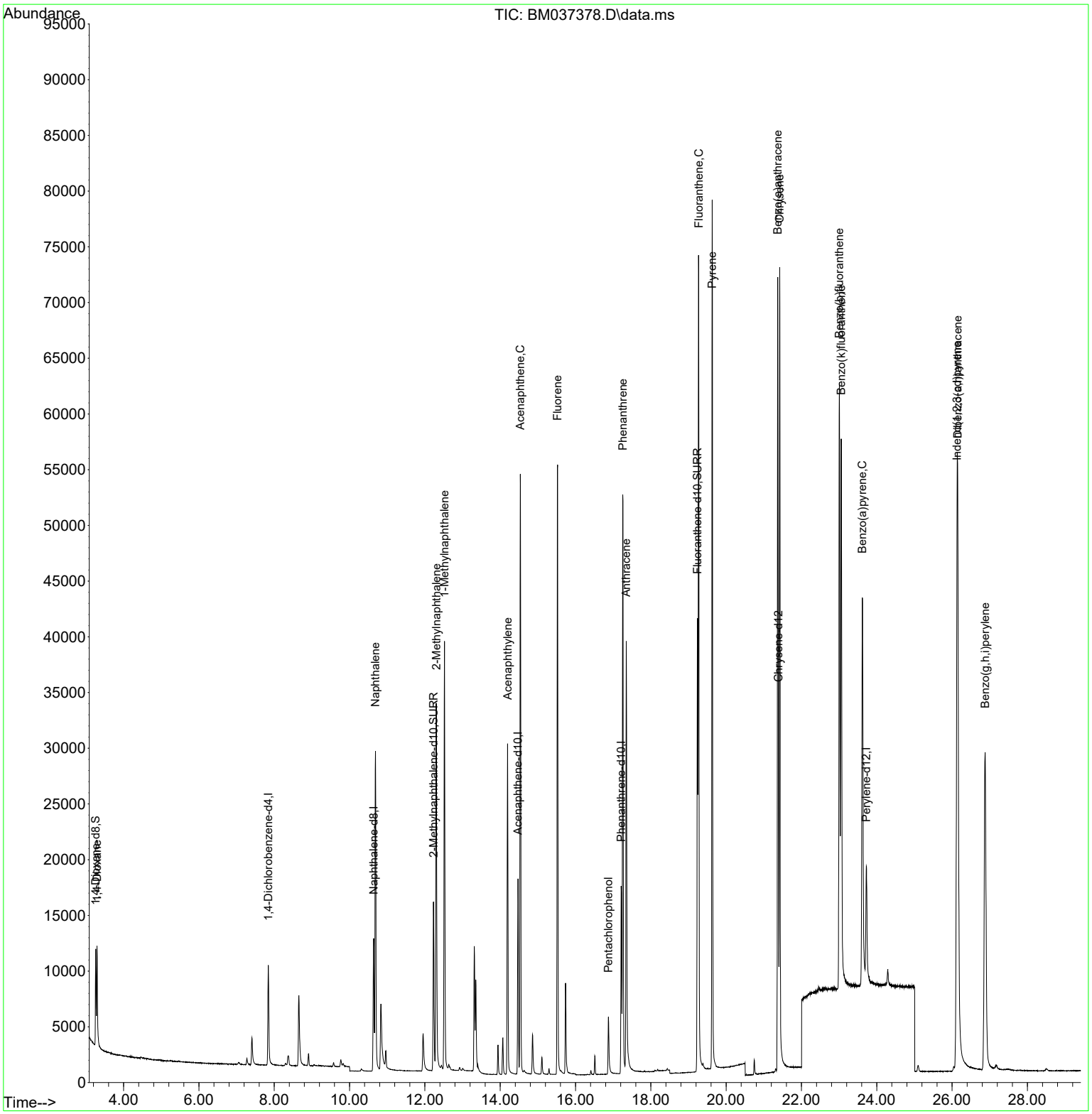
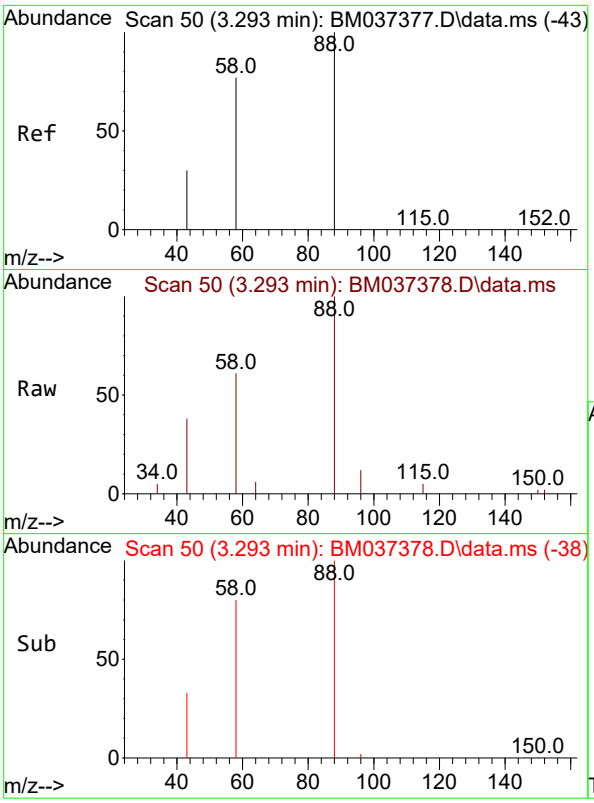
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:16:16 2022
Response via : Initial Calibration



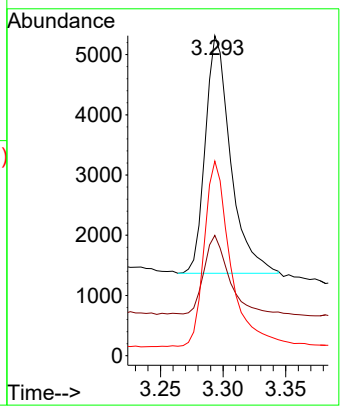


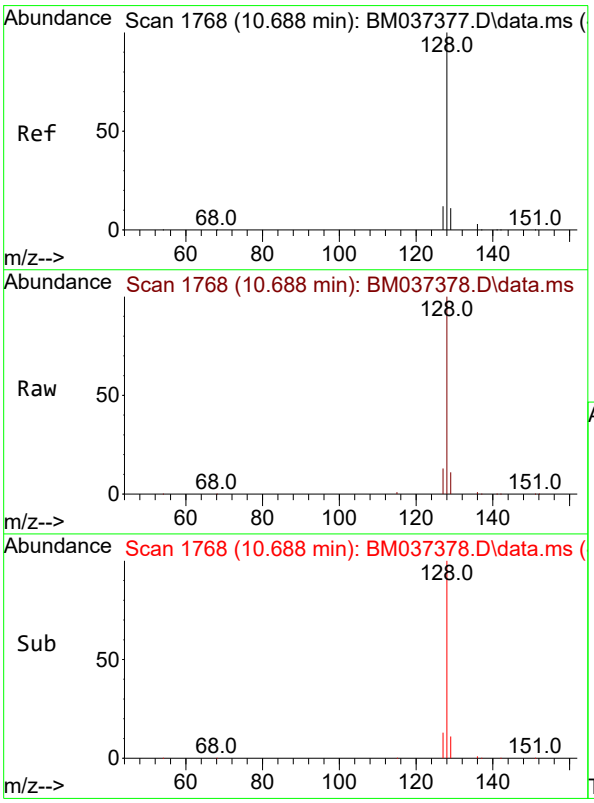
#2
1,4-Dioxane
Concen: 0.807 ng/ul
RT: 3.293 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion: 88 Resp: 5542

Ion	Ratio	Lower	Upper
88	100		
43	37.6	39.9	59.9#
58	60.8	50.2	75.2

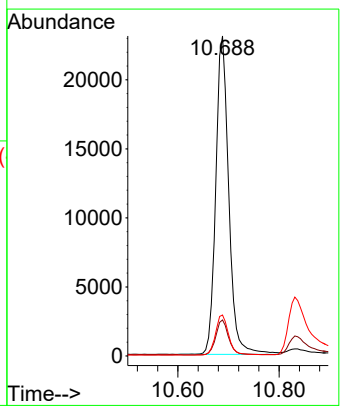


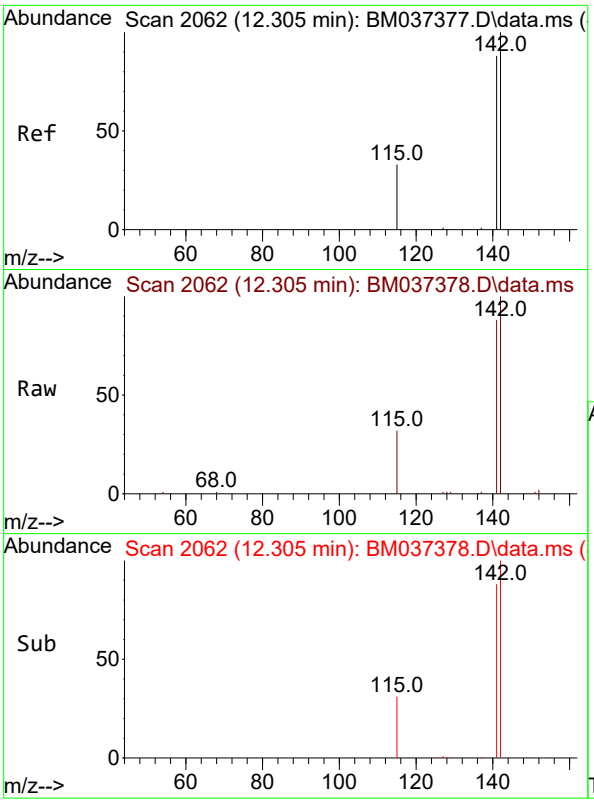


#5
Naphthalene
Concen: 0.822 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:128 Resp: 40988

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	12.8	10.2	15.4



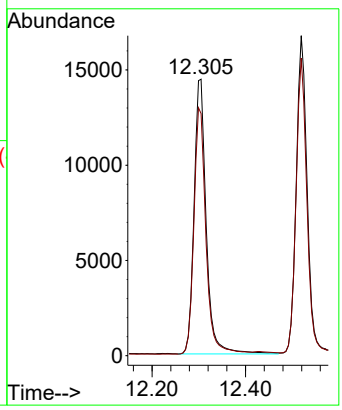


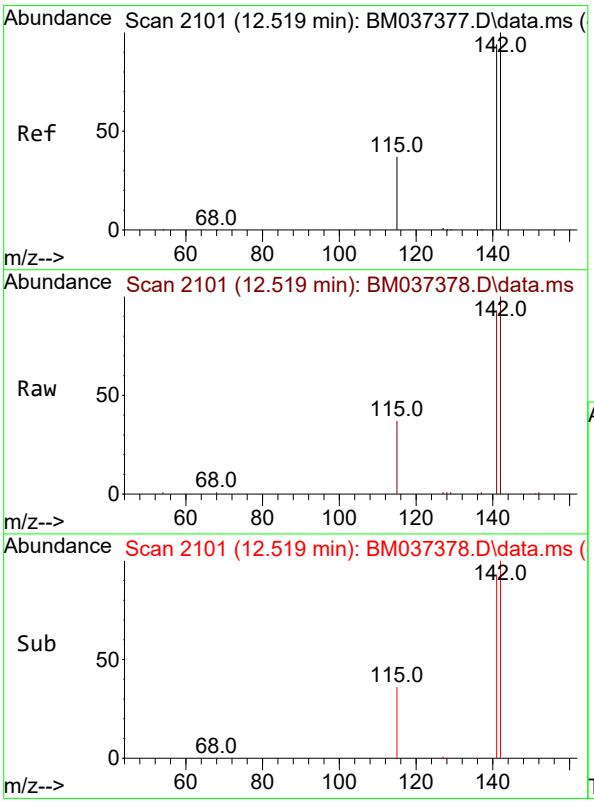
#7
2-Methylnaphthalene
Concen: 0.875 ng/ul
RT: 12.305 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:142 Resp: 26139

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	105.8

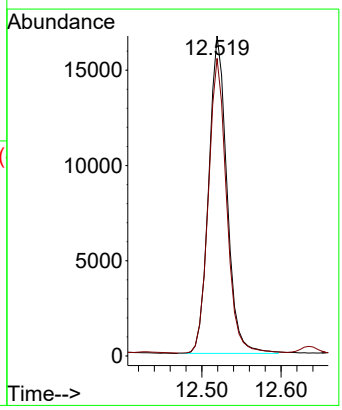


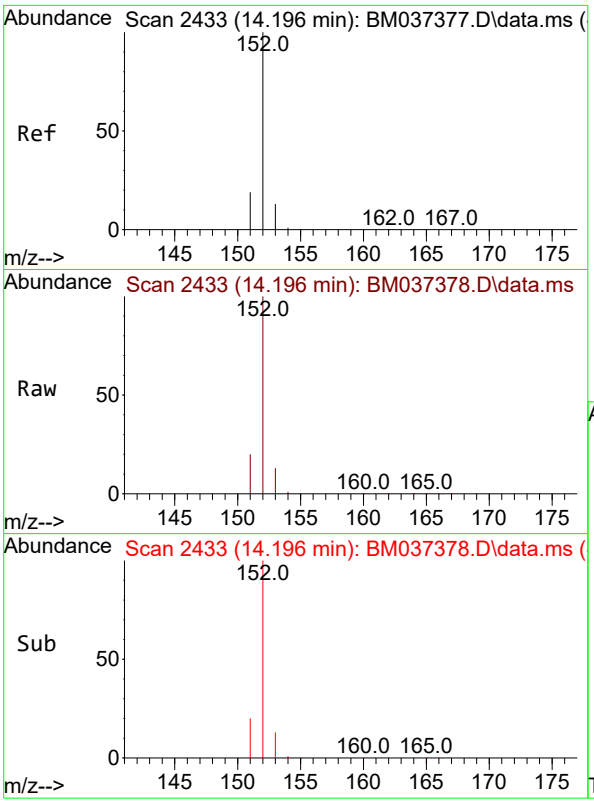


#8
1-Methylnaphthalene
Concen: 0.876 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:142 Resp: 26707

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9



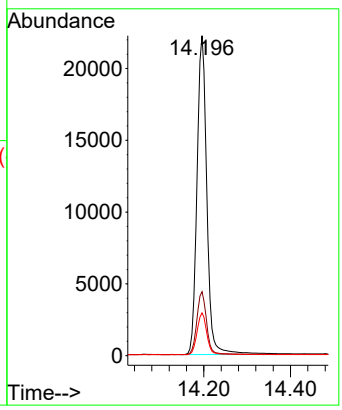


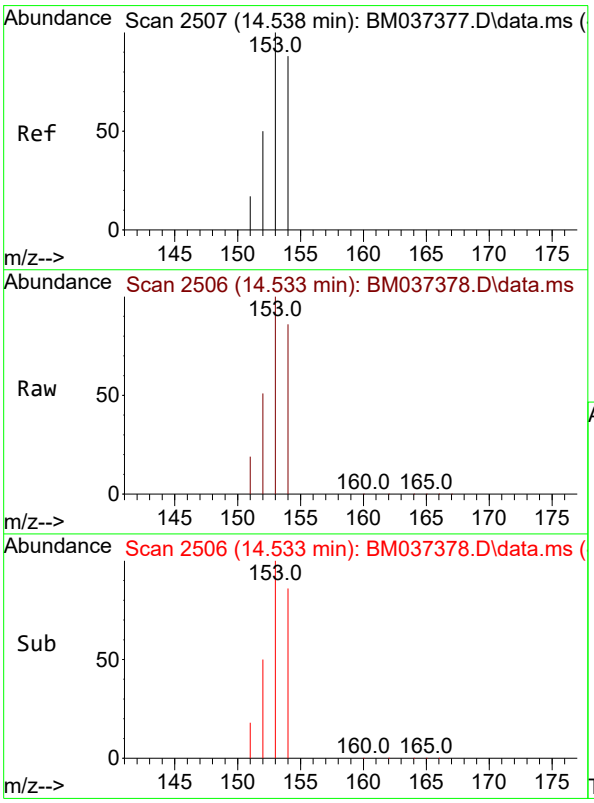
#10
Acenaphthylene
Concen: 0.839 ng/ul
RT: 14.196 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:152 Resp: 35174

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.4	11.0	16.4

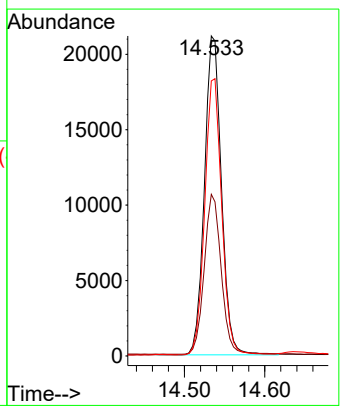


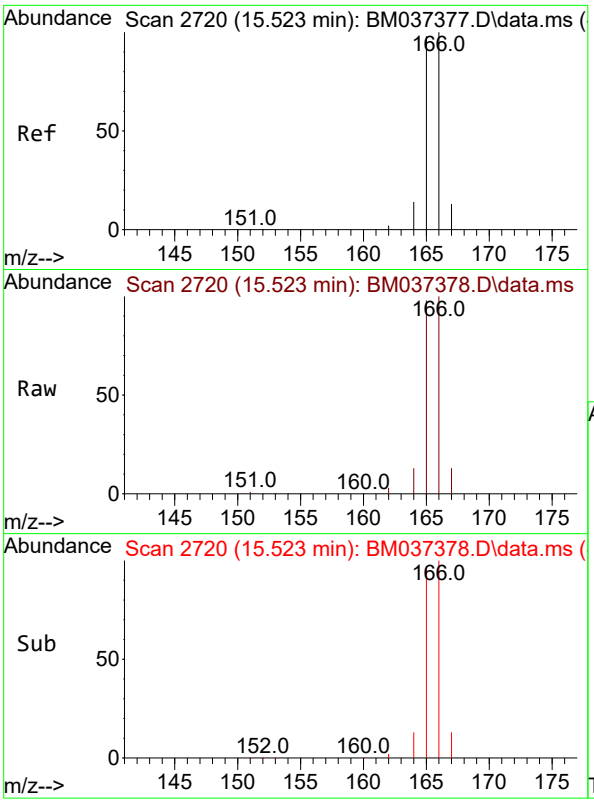


#11
Acenaphthene
Concen: 0.820 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:153 Resp: 31051

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.2	60.4
154	86.0	70.4	105.6



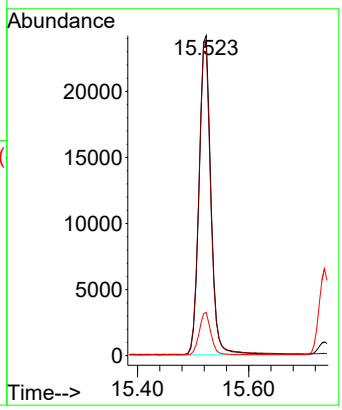


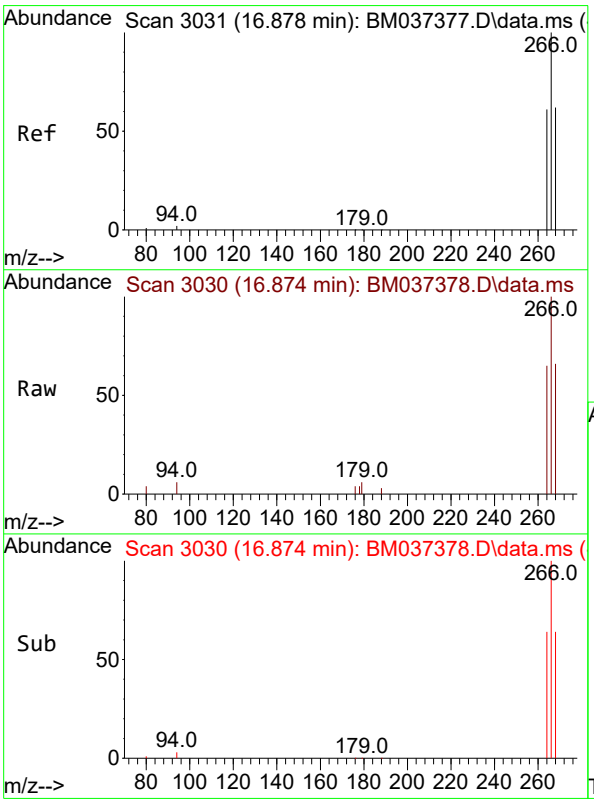
#12
Fluorene
Concen: 0.804 ng/ul
RT: 15.523 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:166 Resp: 35599

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.5	11.1	16.7

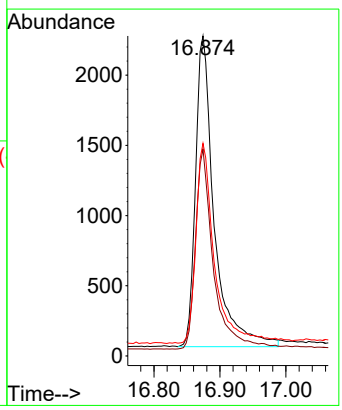


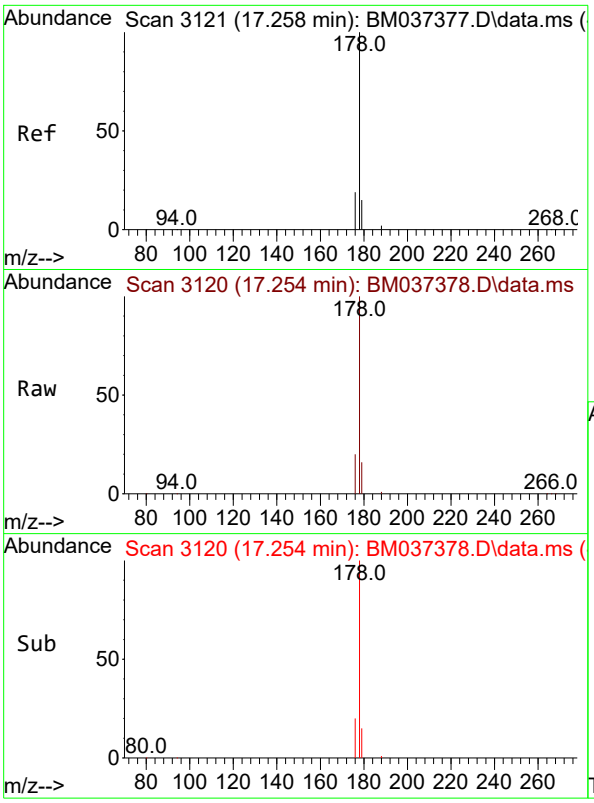


#14
Pentachlorophenol
Concen: 0.892 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:266 Resp: 4352

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.9	74.9
268	63.9	51.9	77.9



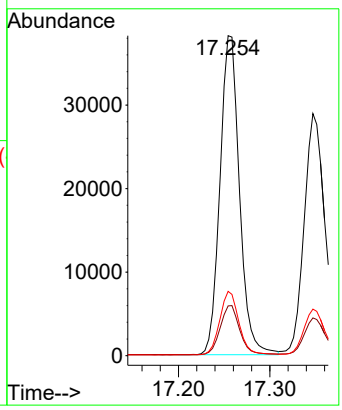


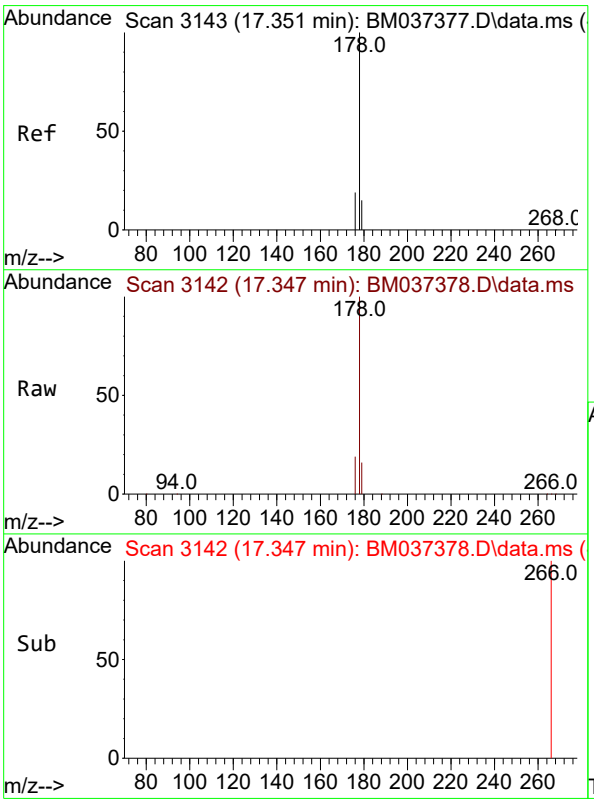
#15
Phenanthrene
Concen: 0.832 ng/ul
RT: 17.254 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:178 Resp: 56583

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	20.1	16.0	24.0

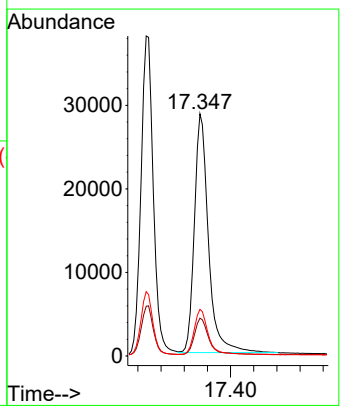


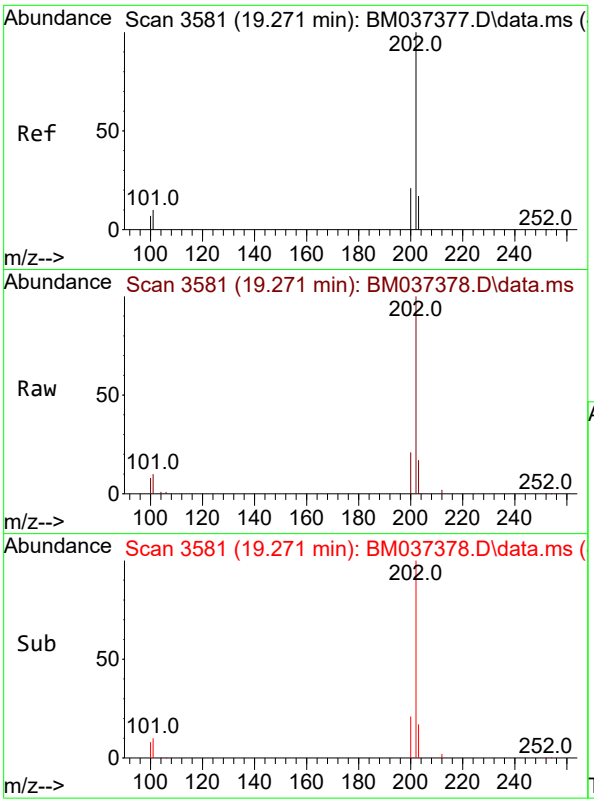


#16
Anthracene
Concen: 0.893 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:178 Resp: 48137

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	19.3	15.5	23.3



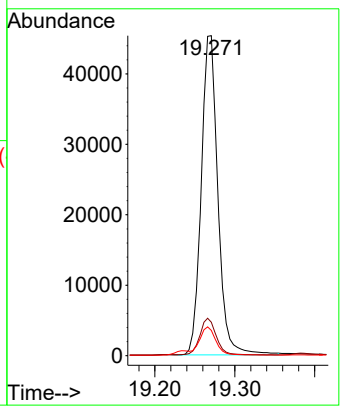


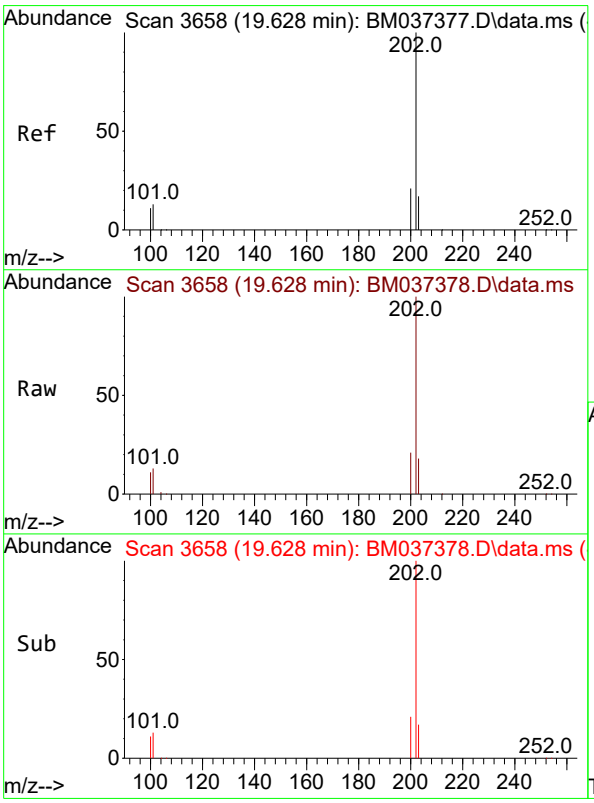
#19
Fluoranthene
Concen: 0.909 ng/ul
RT: 19.271 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:202 Resp: 65760

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.7	13.1
100	7.9	6.6	10.0

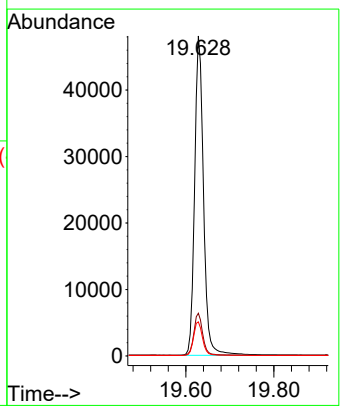


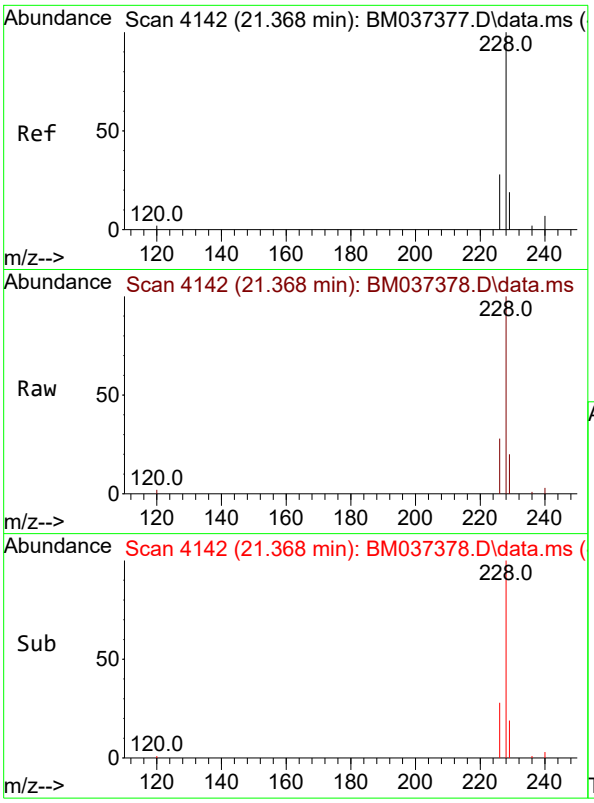


#20
Pyrene
Concen: 0.923 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:202 Resp: 67691

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.1	16.7
100	10.7	9.0	13.4



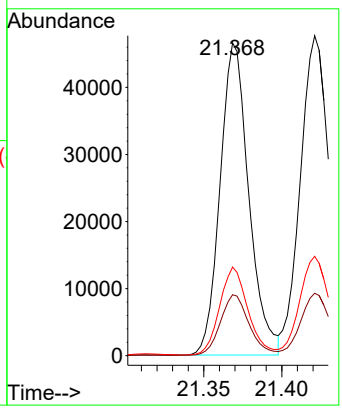


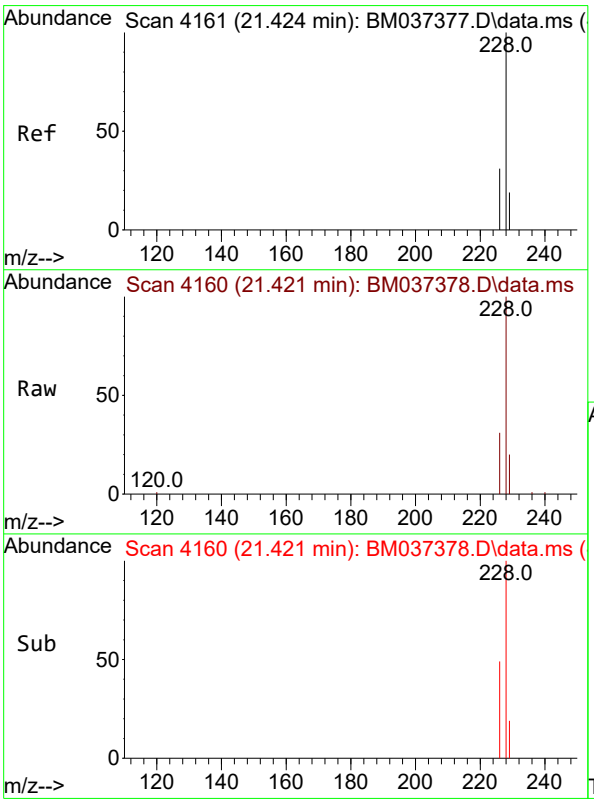
#21
Benzo(a)anthracene
Concen: 0.924 ng/ul
RT: 21.368 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:228 Resp: 59720

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	28.3	22.6	33.8

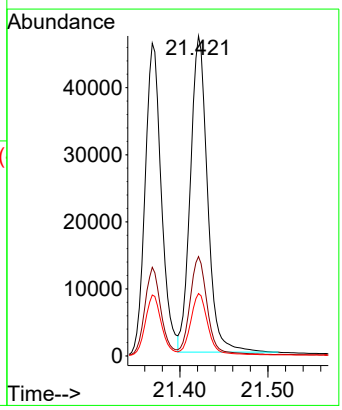


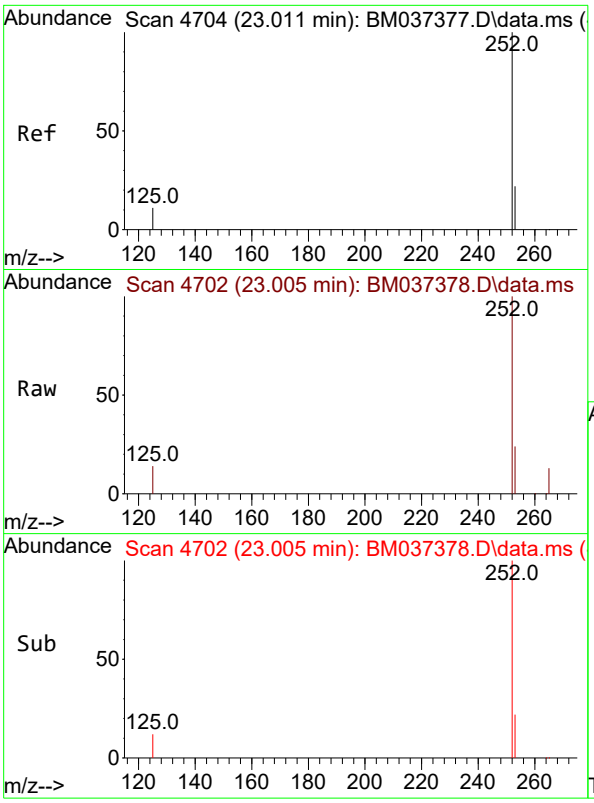


#22
Chrysene
Concen: 0.857 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:228 Resp: 63692

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	19.5	15.6	23.4



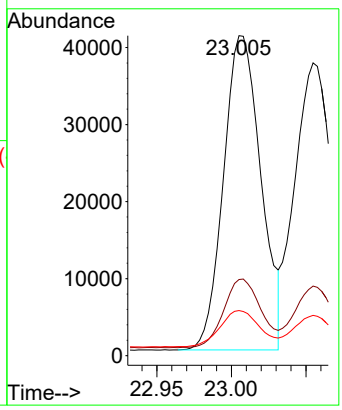


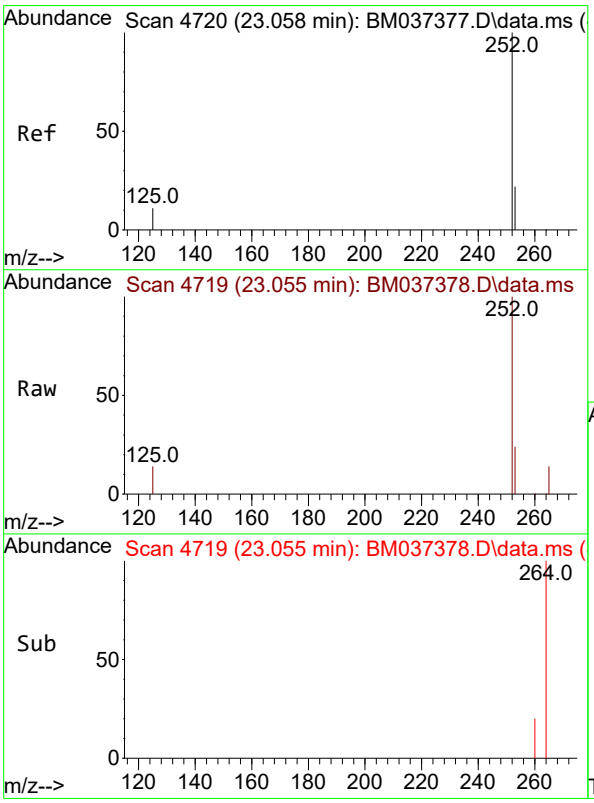
#24
Benzo(b)fluoranthene
Concen: 0.893 ng/ul
RT: 23.005 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:252 Resp: 71303

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	52.6
125	14.1	0.0	34.0

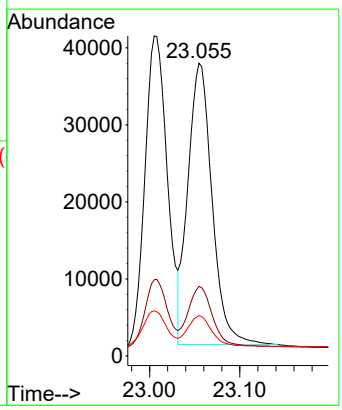


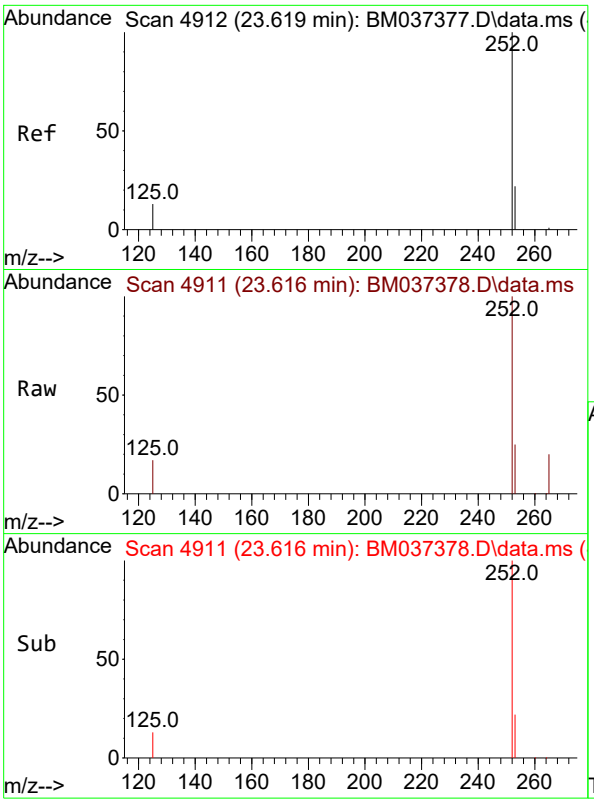


#25
Benzo(k)fluoranthene
Concen: 0.880 ng/ul
RT: 23.055 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:252 Resp: 67934

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.6	32.4
125	13.8	13.8	20.8#



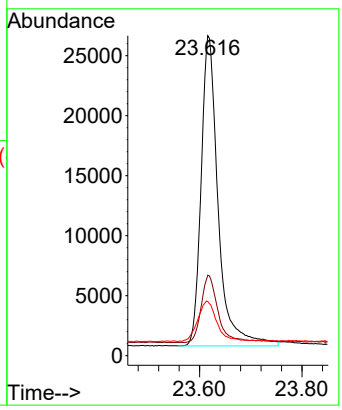


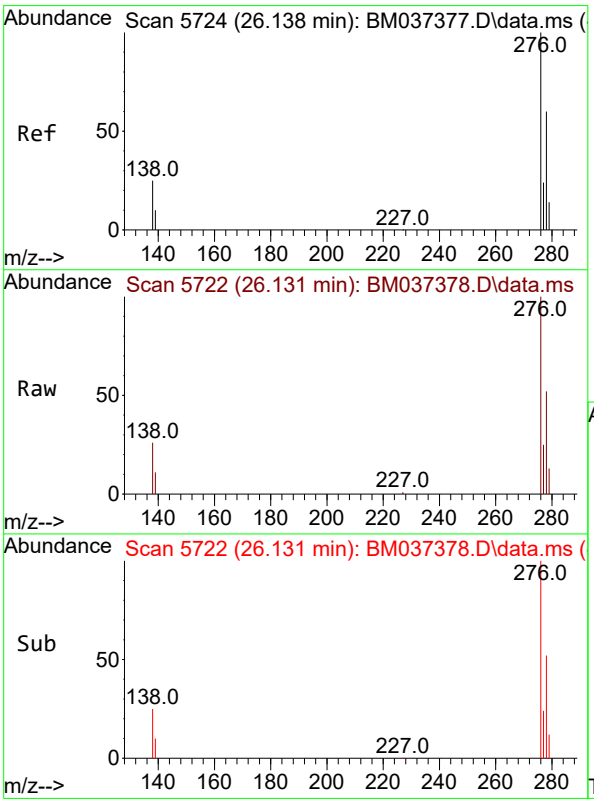
#26
Benzo(a)pyrene
Concen: 0.934 ng/ul
RT: 23.616 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:252 Resp: 59885

Ion	Ratio	Lower	Upper
252	100		
253	25.2	23.8	35.6
125	16.9	17.2	25.8#

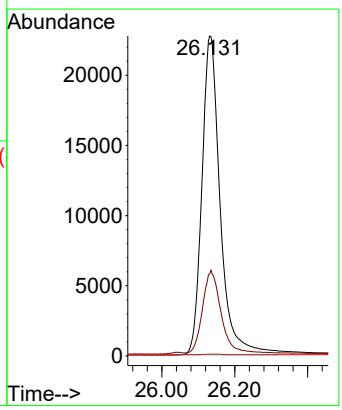


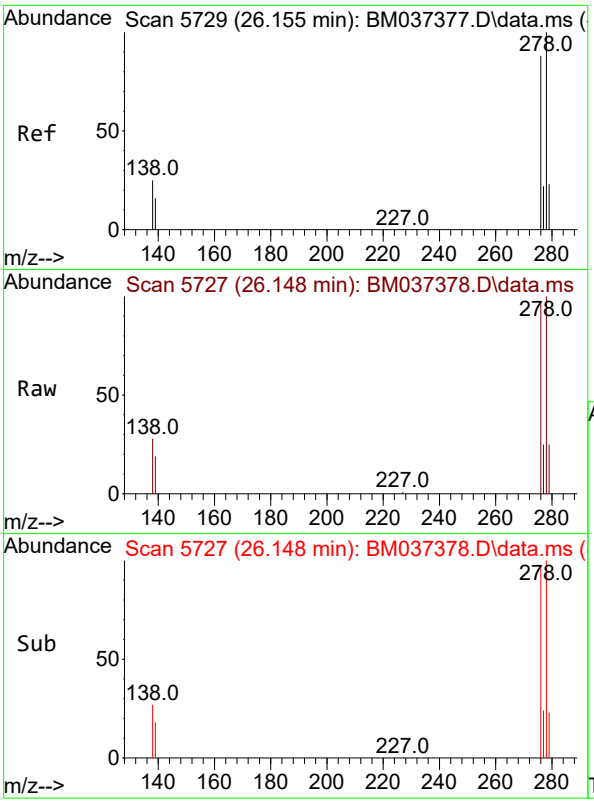


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.886 ng/ul
RT: 26.131 min Scan# 5722
Delta R.T. -0.007 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:276 Resp: 79405

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.8	31.2
227	0.2	0.1	0.1#



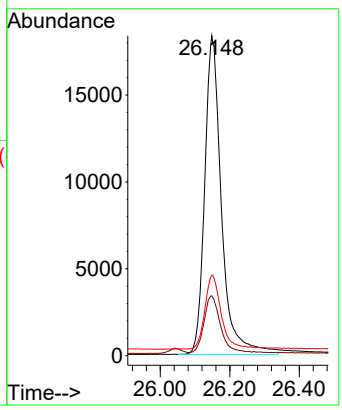


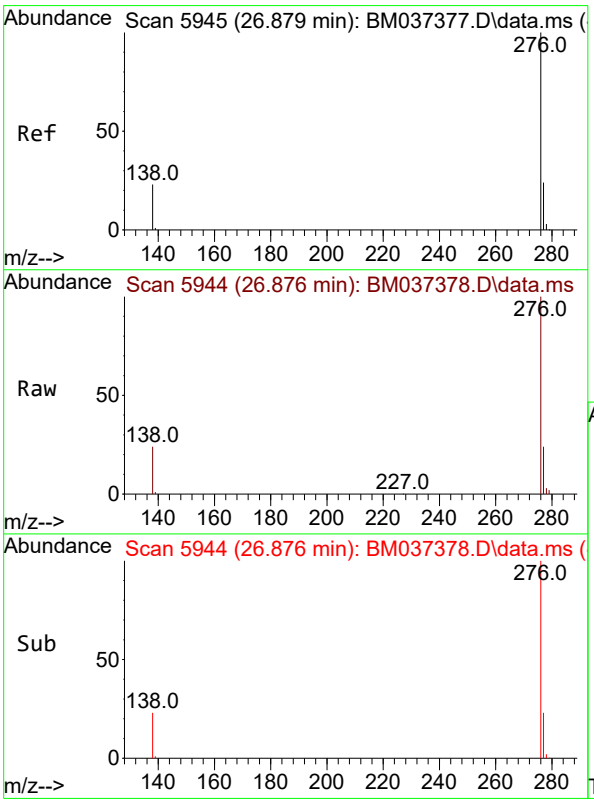
#28
Dibenzo(a,h)anthracene
Concen: 0.871 ng/ul
RT: 26.148 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:278 Resp: 61558

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.2	22.8
279	25.1	22.2	33.2





#29
Benzo(g,h,i)perylene
Concen: 0.854 ng/ul
RT: 26.876 min Scan# 5944
Delta R.T. -0.004 min
Lab File: BM037378.D
Acq: 05 Nov 2022 15:29

Tgt Ion:276 Resp: 67315

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	23.9	20.1	30.1