Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037800.D
Acq On : 30 Nov 2022 12:04
Operator : CG/JU
Sample : SSTD0.894
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Quant Time: Nov 30 23:30:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 23:27:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	4326	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	13226	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	7046	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.463	188	14236	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.631	240	10008	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	10042	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	4904	0.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	15882	0.832	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	28453	0.836	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	5062	0.841	ng/ul#	62
5) Naphthalene	10.976	128	33712	0.815	ng/ul	98
7) 2-Methylnaphthalene	12.571	142	21162	0.841	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	21560	0.835	ng/ul	99
10) Acenaphthylene	14.452	152	29594	0.838	ng/ul	99
11) Acenaphthene	14.790	153	24665	0.841	ng/ul	99
12) Fluorene	15.770	166	27290	0.840	ng/ul	99
14) Pentachlorophenol	17.113	266	3827	0.818	ng/ul	100
15) Phenanthrene	17.505	178	43227	0.838	ng/ul	99
16) Anthracene	17.598	178	38907	0.847	ng/ul	99
19) Fluoranthene	19.509	202	47174	0.850	ng/ul#	86
20) Pyrene	19.872	202	48769	0.838	ng/ul#	85
21) Benzo(a)anthracene	21.611	228	40522	0.835	ng/ul	99
22) Chrysene	21.669	228	40725	0.832	ng/ul	99
24) Benzo(b)fluoranthene	23.350	252	43813	0.832	ng/ul	90
25) Benzo(k)fluoranthene	23.400	252	42359	0.836	ng/ul#	90
26) Benzo(a)pyrene	24.002	252	37380	0.832	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.709	276	49489	0.843	ng/ul#	73
28) Dibenzo(a,h)anthracene	26.729	278	38661	0.841	ng/ul#	91
29) Benzo(g,h,i)perylene	27.510	276	41445	0.842	ng/ul#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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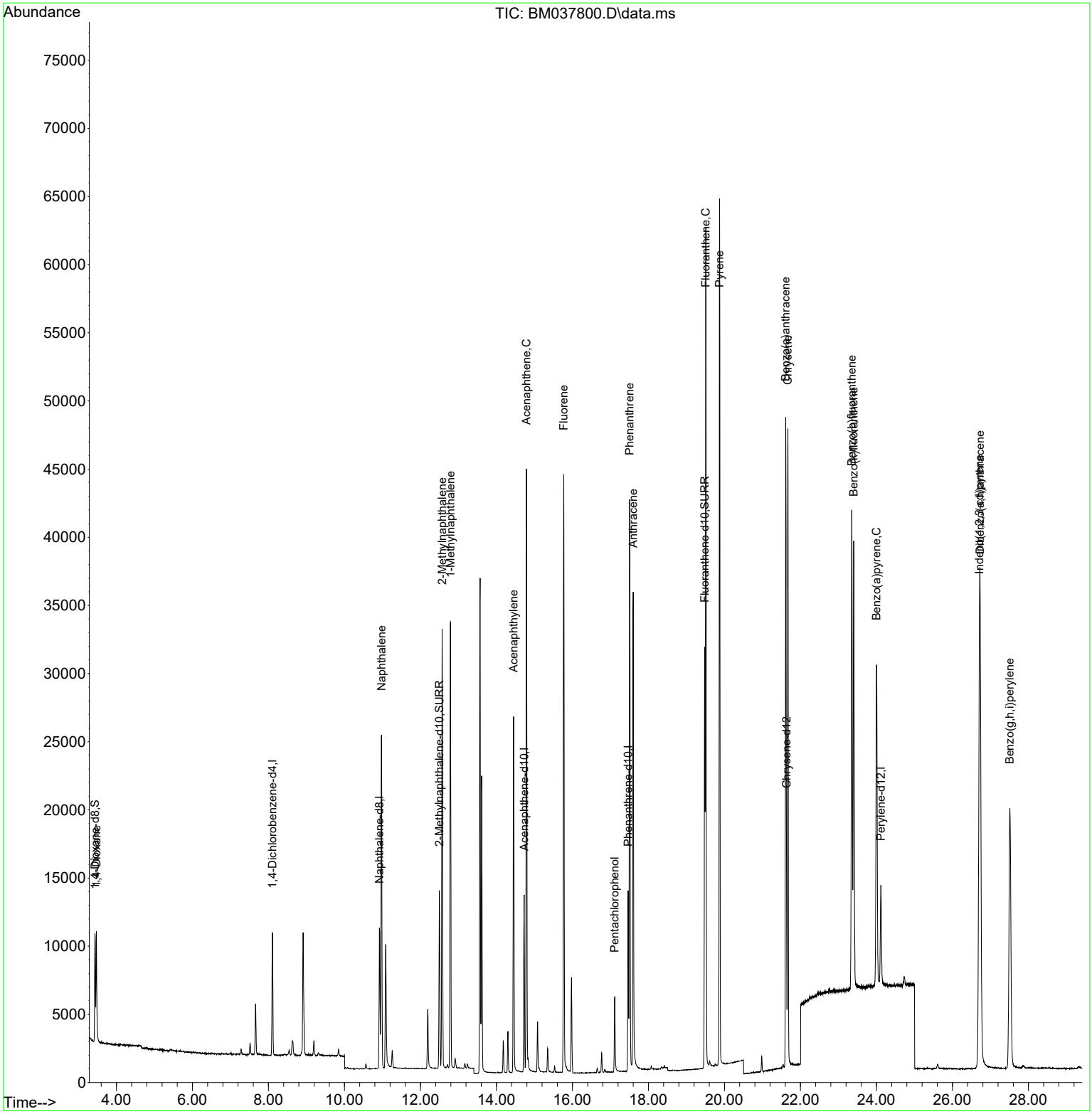
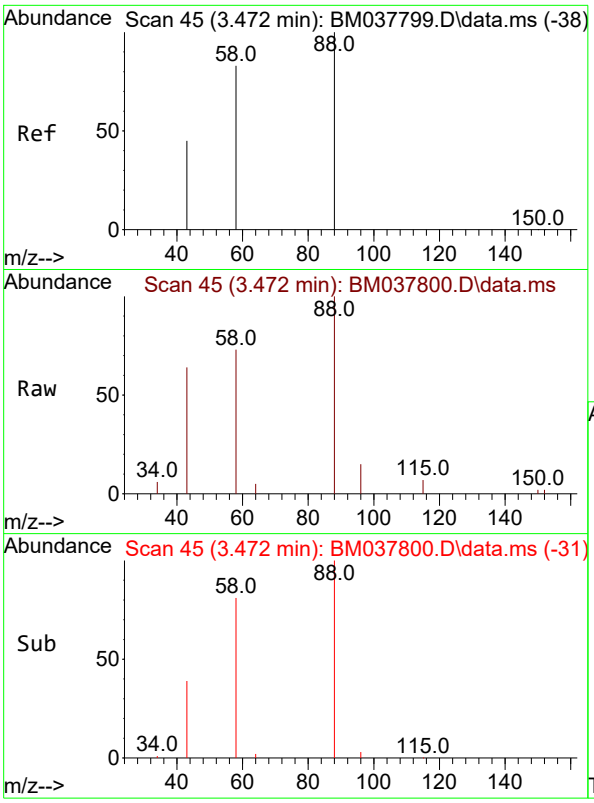


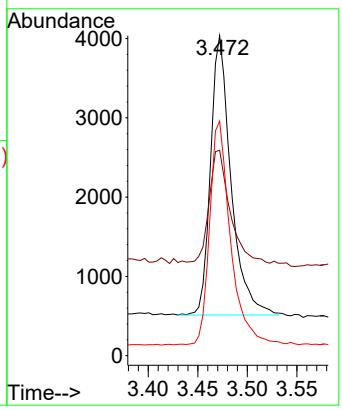


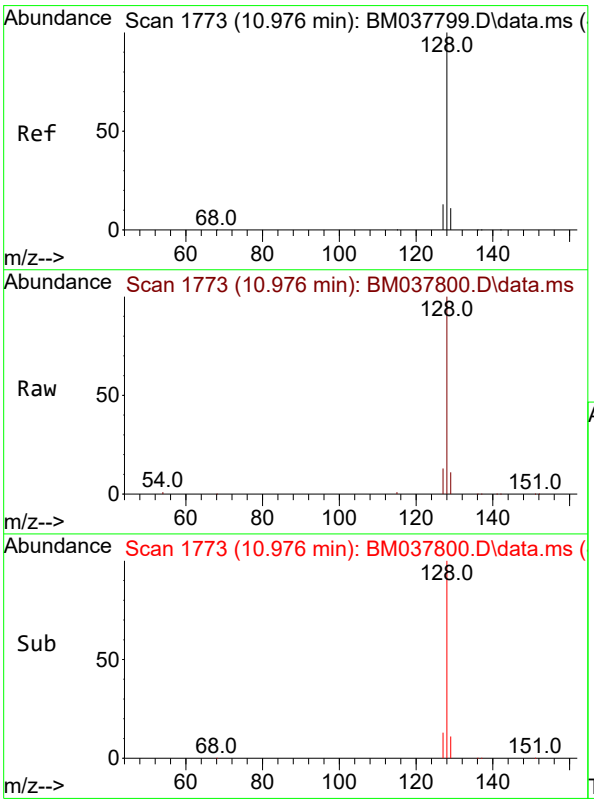
#2
1,4-Dioxane
Concen: 0.841 ng/ul
RT: 3.472 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion: 88 Resp: 5062

Ion	Ratio	Lower	Upper
88	100		
43	64.2	102.8	154.2#
58	73.3	67.3	100.9

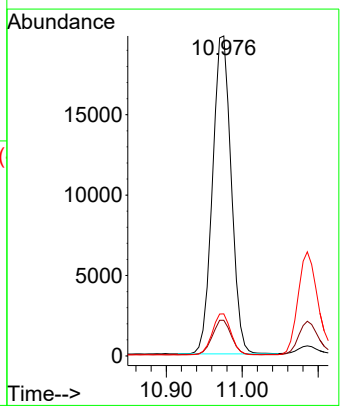


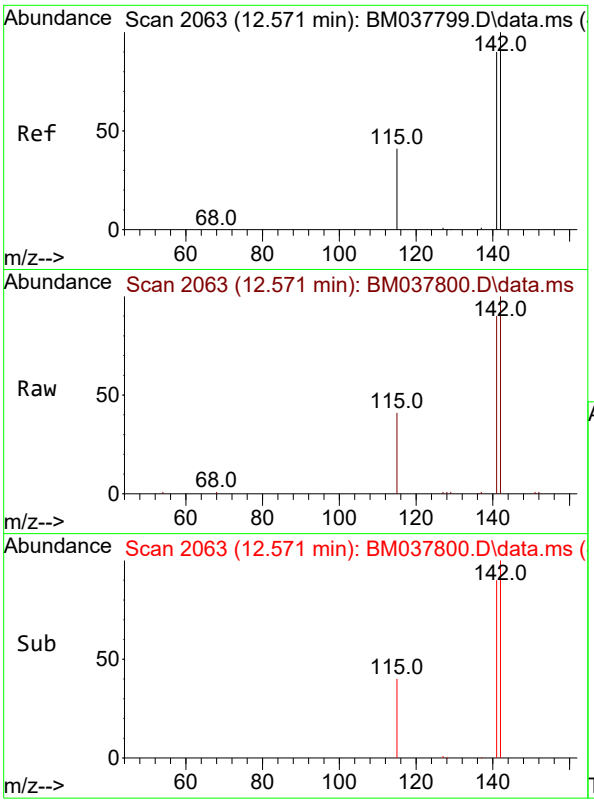


#5
Naphthalene
Concen: 0.815 ng/ul
RT: 10.976 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:128 Resp: 33712

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.1	11.0	16.4



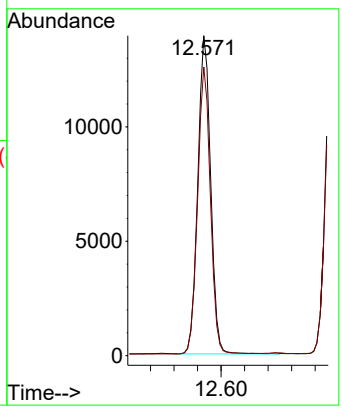


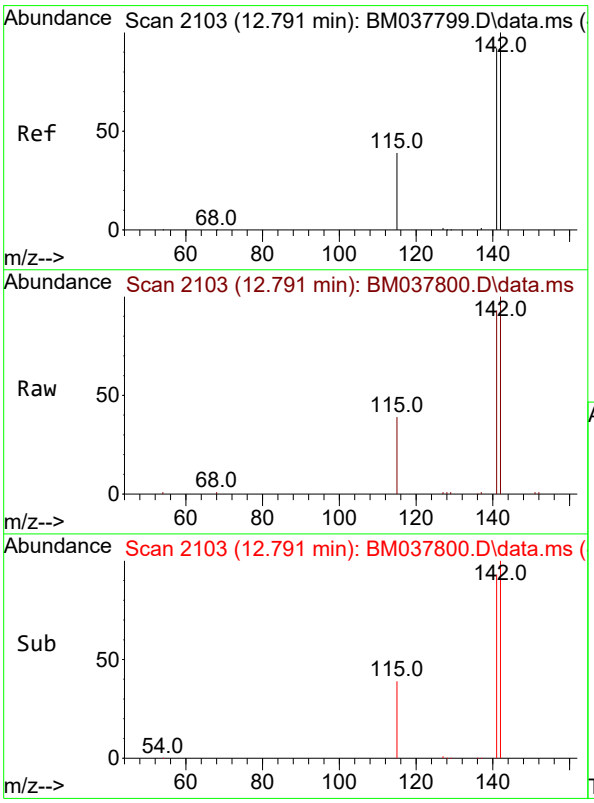
#7
2-Methylnaphthalene
Concen: 0.841 ng/ul
RT: 12.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:142 Resp: 21162

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.4

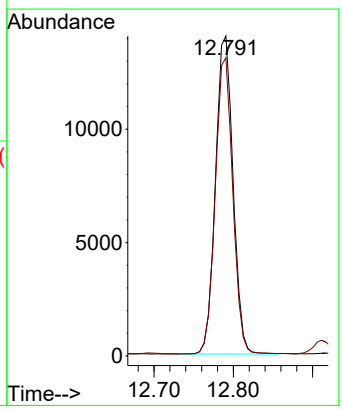


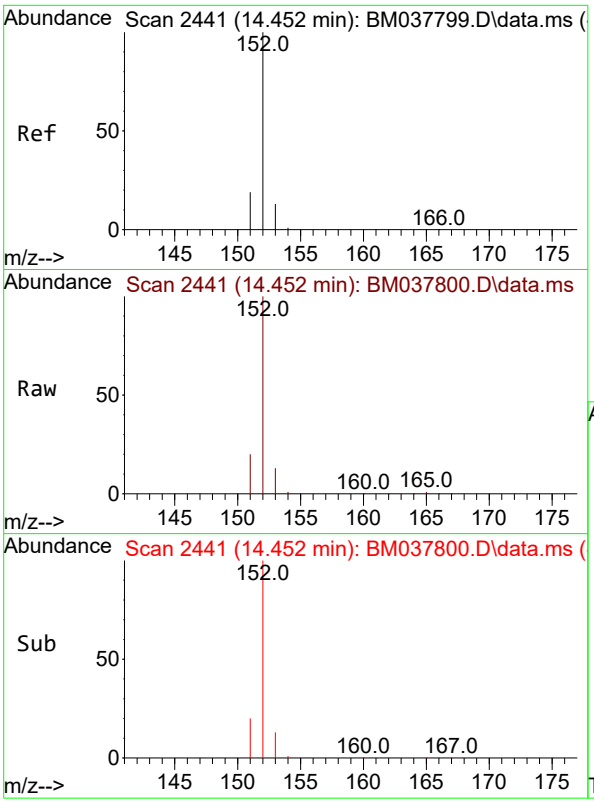


#8
1-Methylnaphthalene
Concen: 0.835 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:142 Resp: 21560

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.0



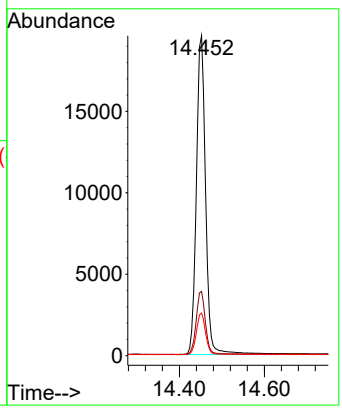


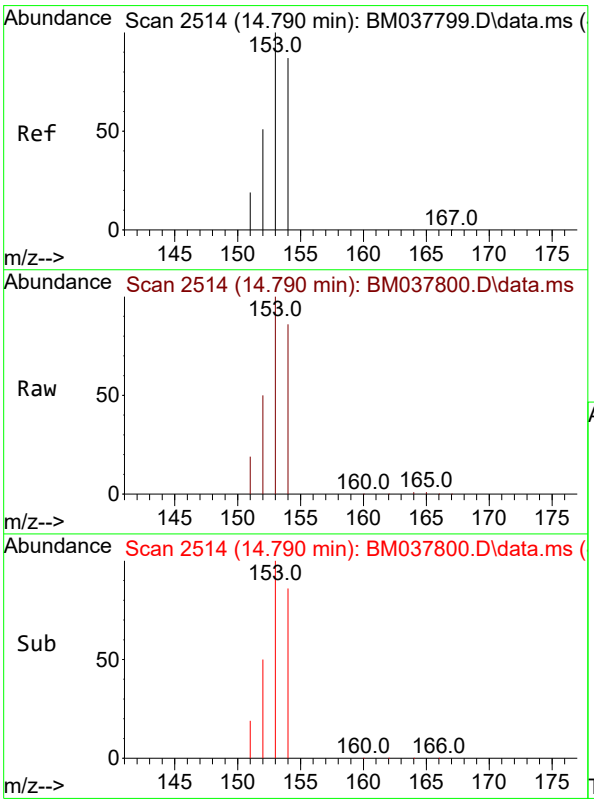
#10
Acenaphthylene
Concen: 0.838 ng/ul
RT: 14.452 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:152 Resp: 29594

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.3	11.0	16.4

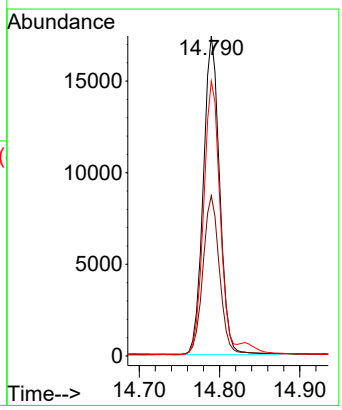


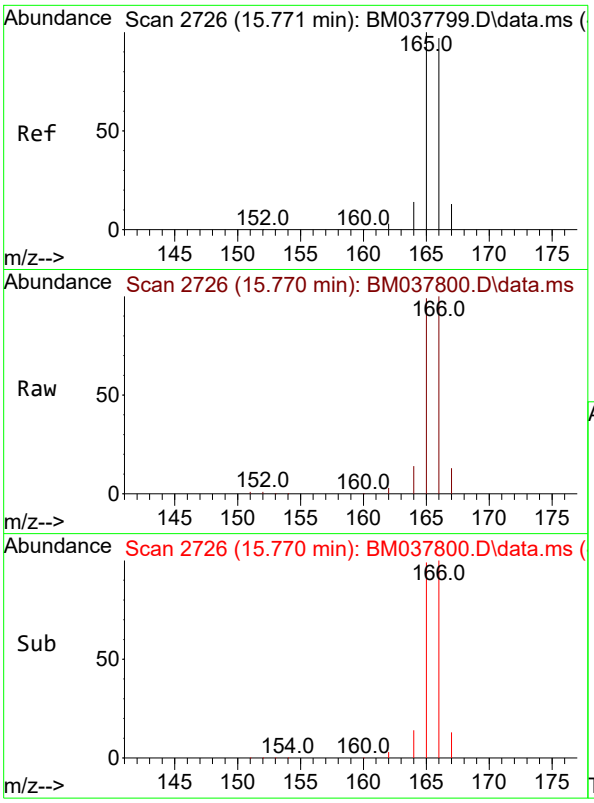


#11
Acenaphthene
Concen: 0.841 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:153 Resp: 24665

Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.4	59.0
154	85.9	69.5	104.3



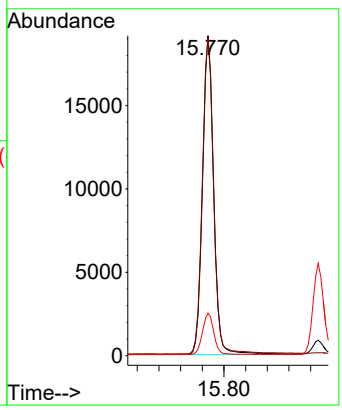


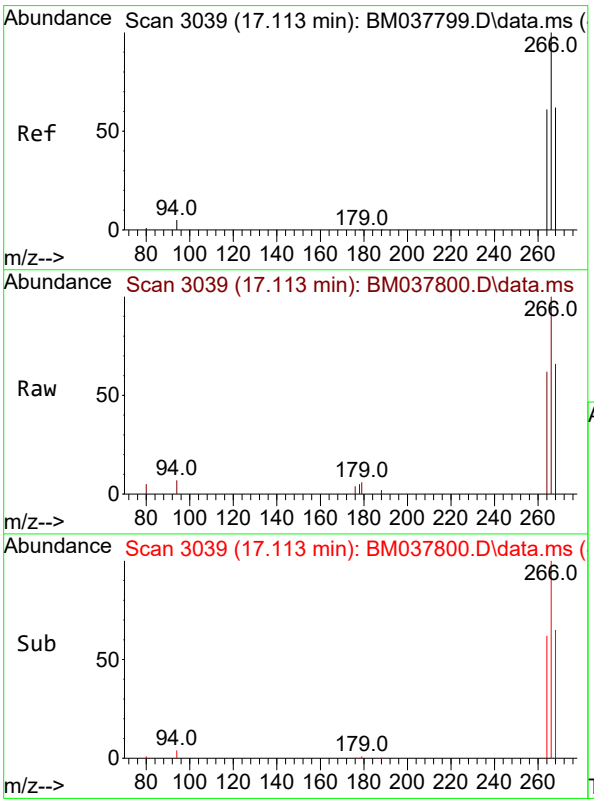
#12
Fluorene
Concen: 0.840 ng/ul
RT: 15.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:166 Resp: 27290

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.7	118.1
167	13.3	11.3	16.9

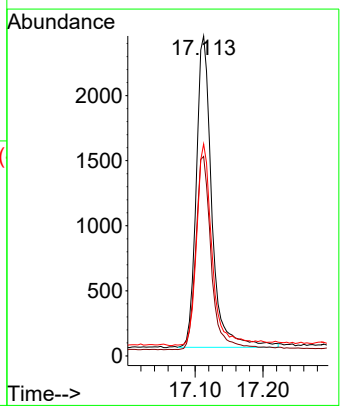


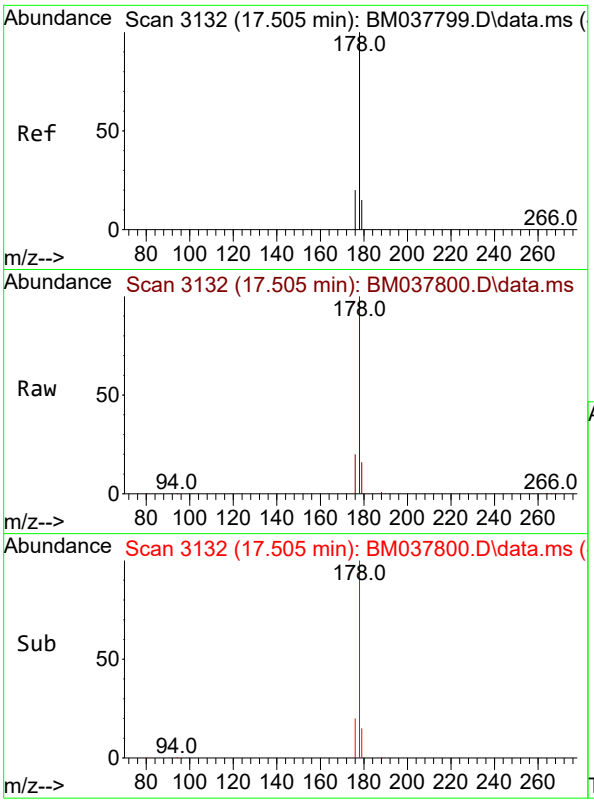


#14
Pentachlorophenol
Concen: 0.818 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:266 Resp: 3827

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.2	75.2
268	65.3	52.0	78.0



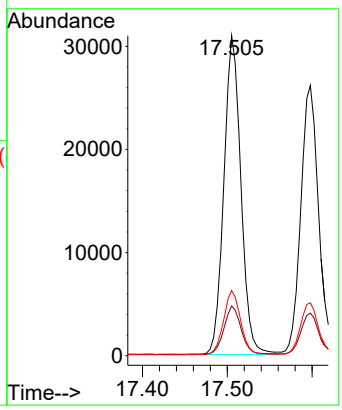


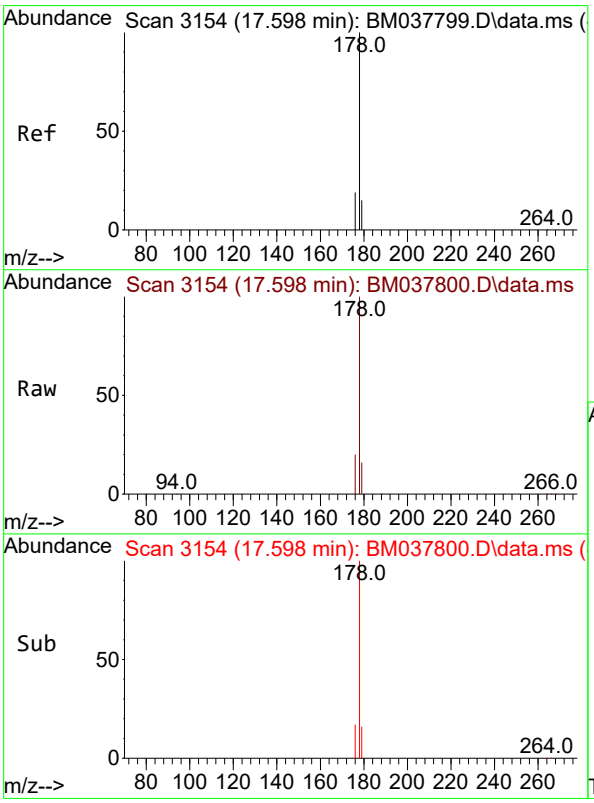
#15
Phenanthrene
Concen: 0.838 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:178 Resp: 43227

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	20.3	16.0	24.0

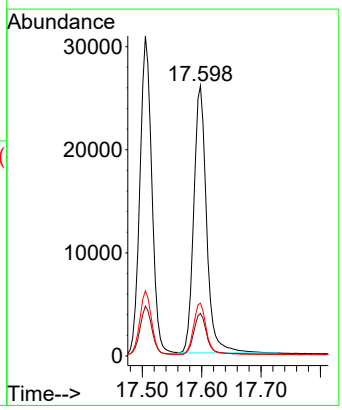


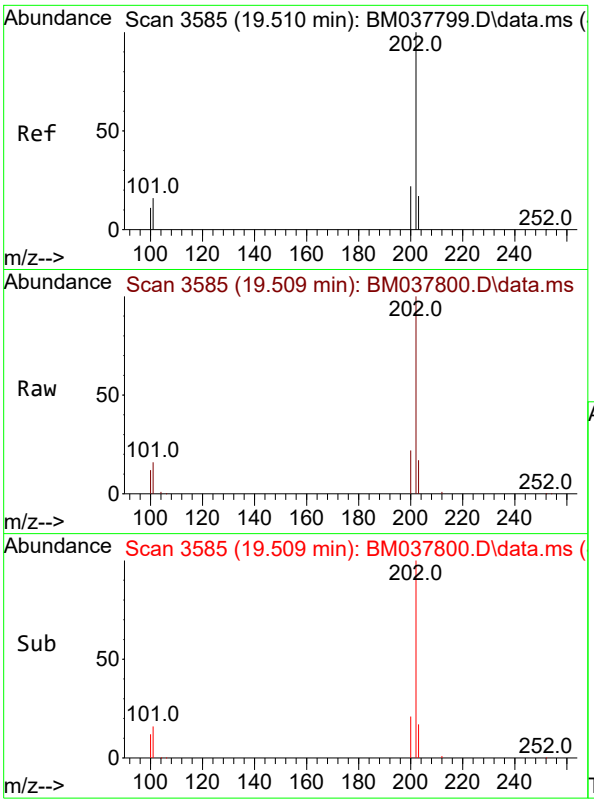


#16
Anthracene
Concen: 0.847 ng/ul
RT: 17.598 min Scan# 3154
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:178 Resp: 38907

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.6	15.0	22.6



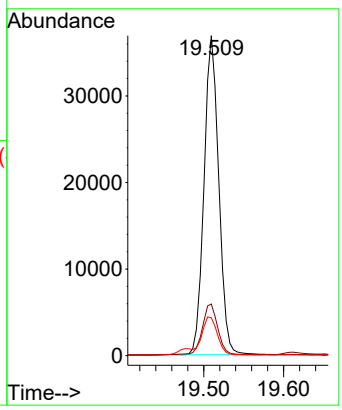


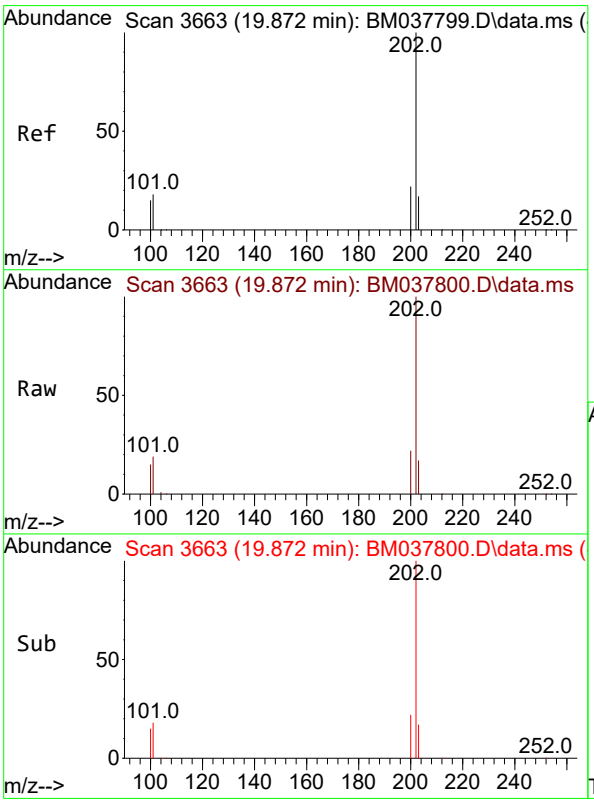
#19
Fluoranthene
Concen: 0.850 ng/ul
RT: 19.509 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:202 Resp: 47174

Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.2	12.2#
100	11.9	6.1	9.1#

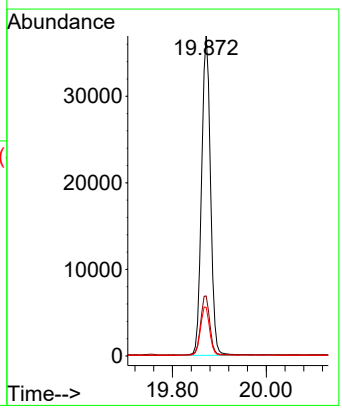


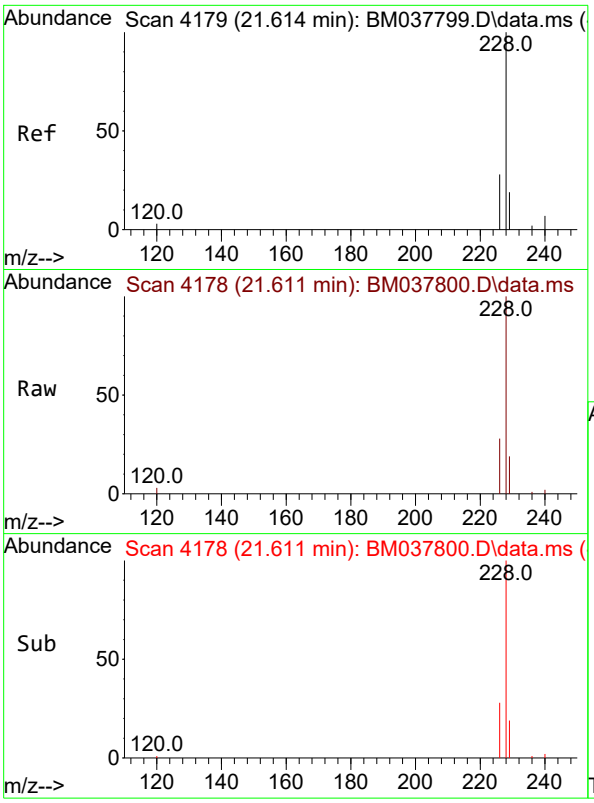


#20
Pyrene
Concen: 0.838 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:202 Resp: 48769

Ion	Ratio	Lower	Upper
202	100		
101	18.8	10.1	15.1#
100	15.2	8.0	12.0#



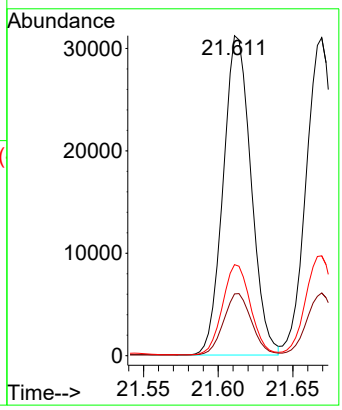


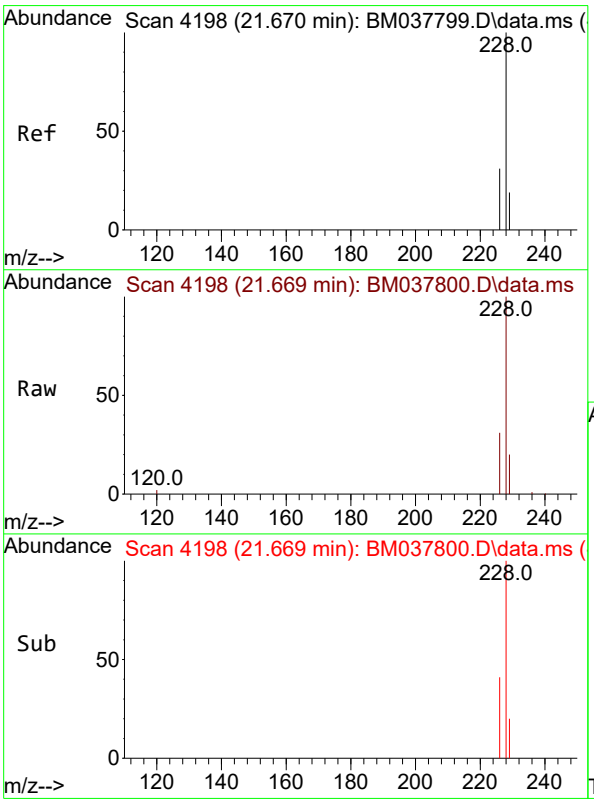
#21
Benzo(a)anthracene
Concen: 0.835 ng/ul
RT: 21.611 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:228 Resp: 40522

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	28.5	22.2	33.2

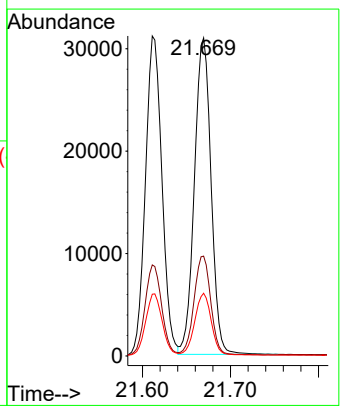


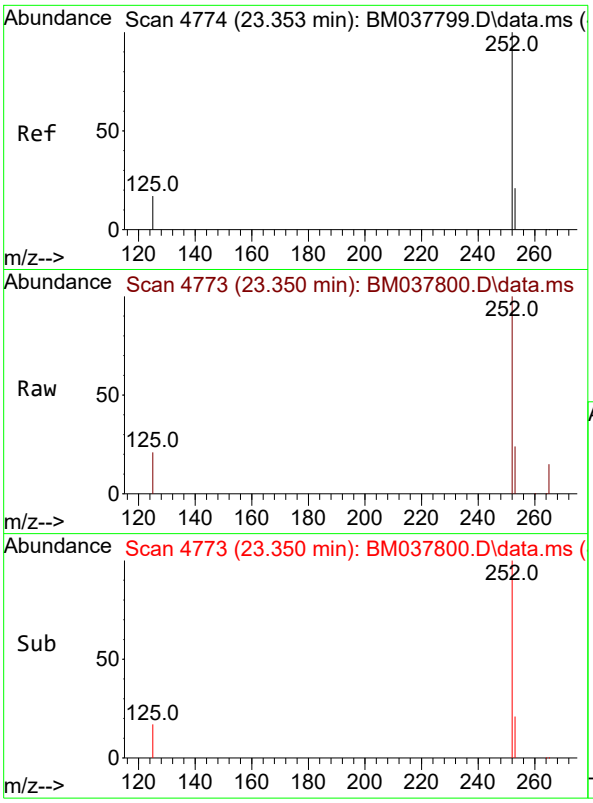


#22
Chrysene
Concen: 0.832 ng/ul
RT: 21.669 min Scan# 4198
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:228 Resp: 40725

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	19.7	15.5	23.3



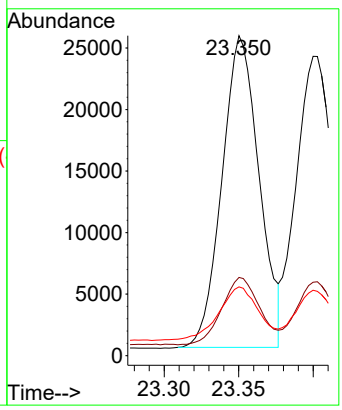


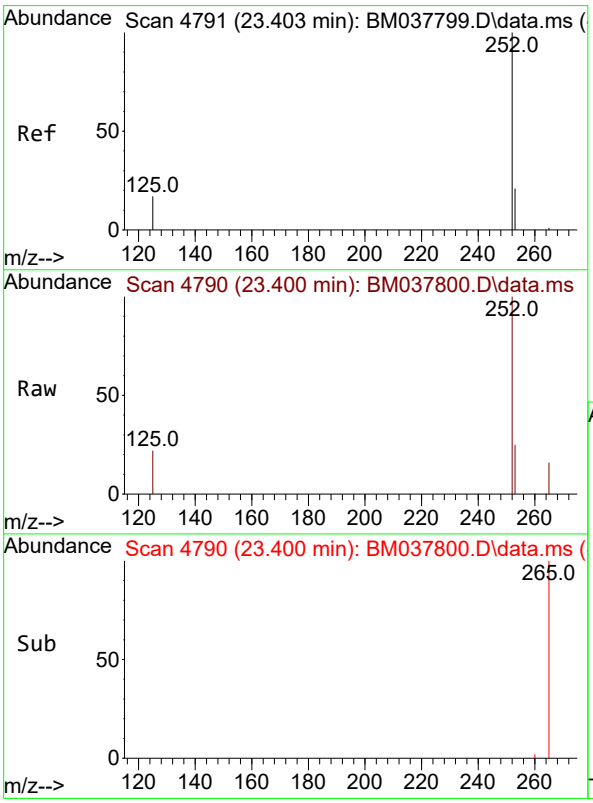
#24
Benzo(b)fluoranthene
Concen: 0.832 ng/ul
RT: 23.350 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 43813

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	46.2
125	21.5	0.0	23.4

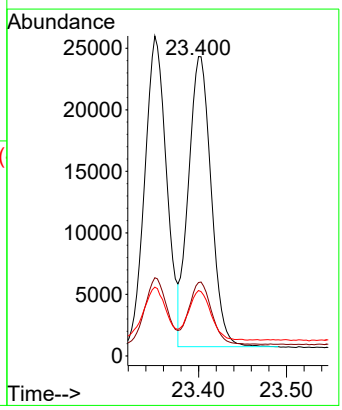


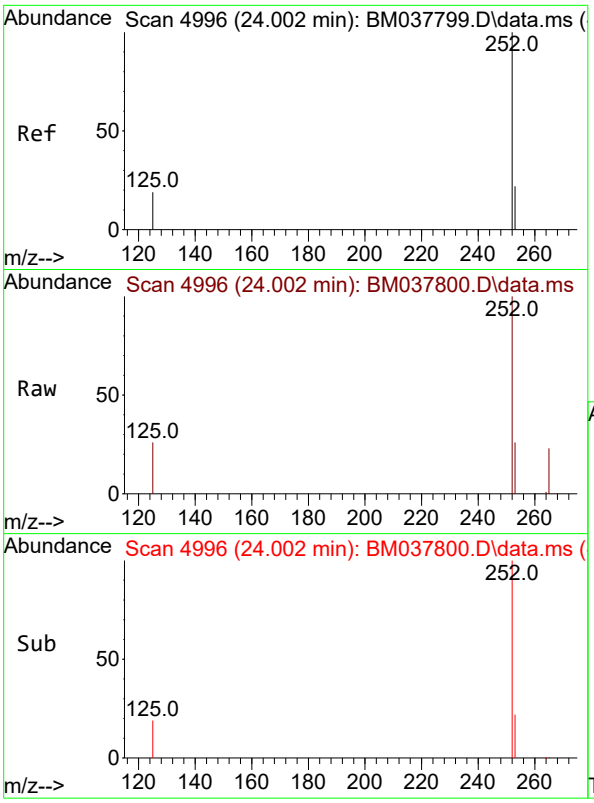


#25
Benzo(k)fluoranthene
Concen: 0.836 ng/ul
RT: 23.400 min Scan# 4790
Delta R.T. -0.003 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:252 Resp: 42359

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.8	28.2
125	21.9	9.8	14.6#



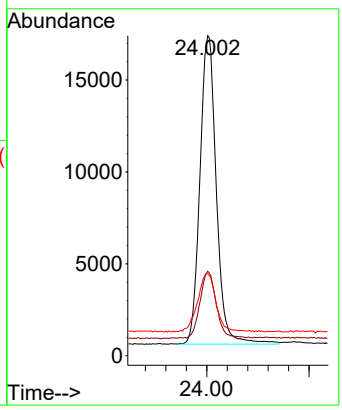


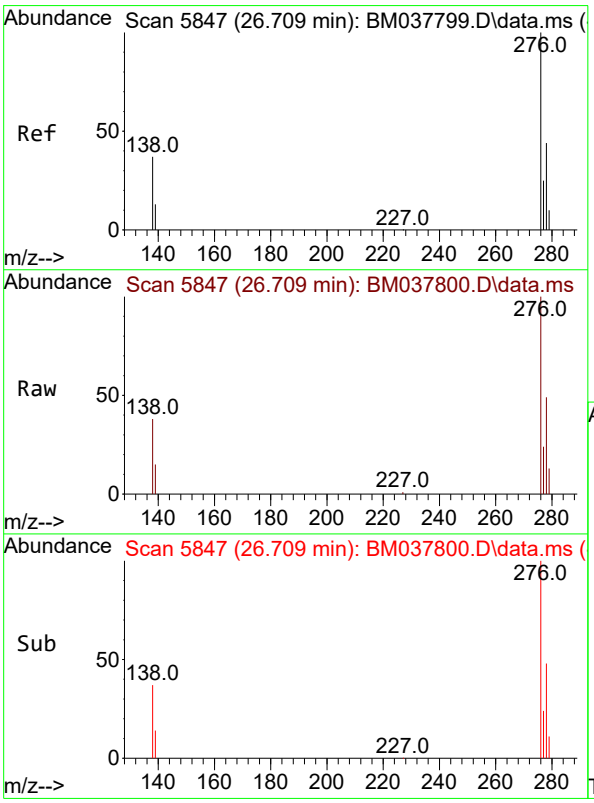
#26
Benzo(a)pyrene
Concen: 0.832 ng/ul
RT: 24.002 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 37380

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.8	28.2
125	25.6	10.5	15.7#

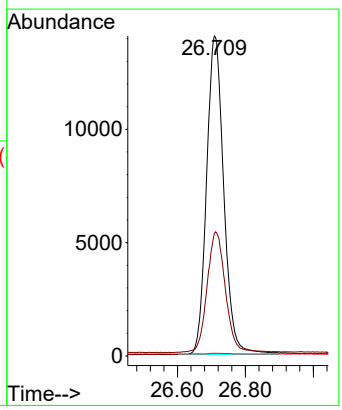


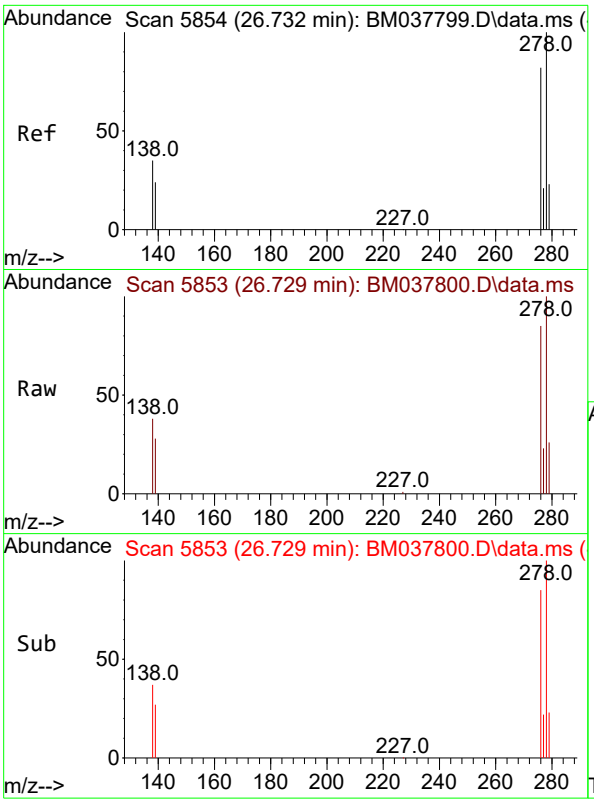


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.843 ng/ul
RT: 26.709 min Scan# 5847
Delta R.T. -0.000 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:276 Resp: 49489

Ion	Ratio	Lower	Upper
276	100		
138	40.5	21.2	31.8#
227	0.2	0.1	0.1#



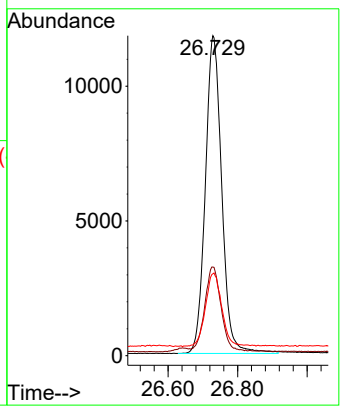


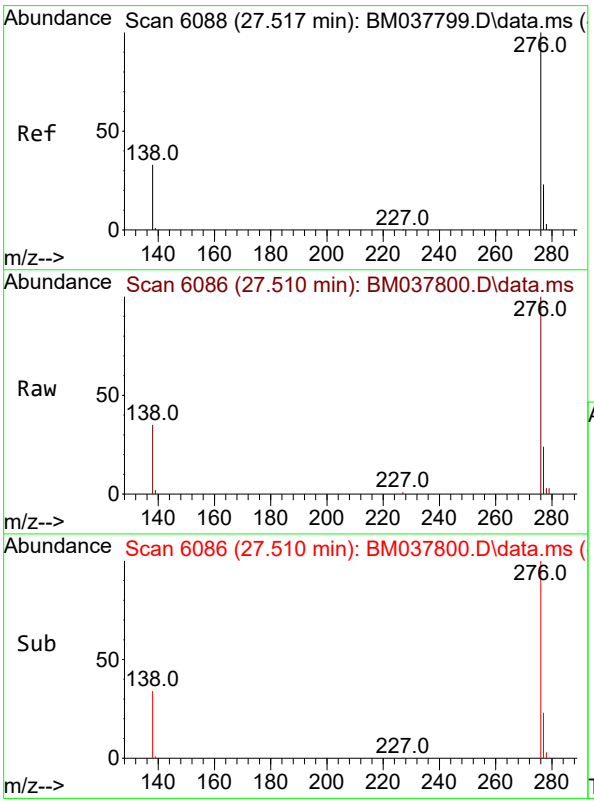
#28
Dibenzo(a,h)anthracene
Concen: 0.841 ng/ul
RT: 26.729 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 38661

Ion	Ratio	Lower	Upper
278	100		
139	27.7	15.2	22.8#
279	25.6	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.842 ng/ul
RT: 27.510 min Scan# 6086
Delta R.T. -0.007 min
Lab File: BM037800.D
Acq: 30 Nov 2022 12:04

Tgt Ion:276 Resp: 41445

Ion	Ratio	Lower	Upper
276	100		
138	34.7	19.0	28.4#
277	24.1	19.4	29.2