Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
Data File : BM038538.D
Acq On : 25 Jan 2023 21:05
Operator : CG/JU
Sample : SSTD0.825
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Quant Time: Jan 26 00:01:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 23:59:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	3942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2274	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	4959	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	5277	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	5996	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1747	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5099	0.862	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	12377	0.828	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	1772	0.716	ng/ul#	55
5) Naphthalene	10.829	128	10198	0.969	ng/ul	97
7) 2-Methylnaphthalene	12.434	142	5627	0.869	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	5672	0.861	ng/ul	100
10) Acenaphthylene	14.324	152	8568	0.810	ng/ul	99
11) Acenaphthene	14.661	153	6506	0.828	ng/ul	99
12) Fluorene	15.647	166	7683	0.863	ng/ul	100
14) Pentachlorophenol	16.999	266	1656	0.937	ng/ul	99
15) Phenanthrene	17.383	178	12267	0.838	ng/ul	100
16) Anthracene	17.476	178	11340	0.841	ng/ul	99
19) Fluoranthene	19.394	202	15228	0.834	ng/ul	99
20) Pyrene	19.757	202	16268	0.834	ng/ul	99
21) Benzo(a)anthracene	21.501	228	15448	0.879	ng/ul	99
22) Chrysene	21.553	228	15637	0.844	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	19092	0.879	ng/ul	94
25) Benzo(k)fluoranthene	23.237	252	18346	0.848	ng/ul	94
26) Benzo(a)pyrene	23.822	252	16960	0.826	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.445	276	24258	0.808	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.458	278	19227	0.818	ng/ul	96
29) Benzo(g,h,i)perylene	27.213	276	21106	0.791	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
Data File : BM038538.D
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Sample : SSTD0.825
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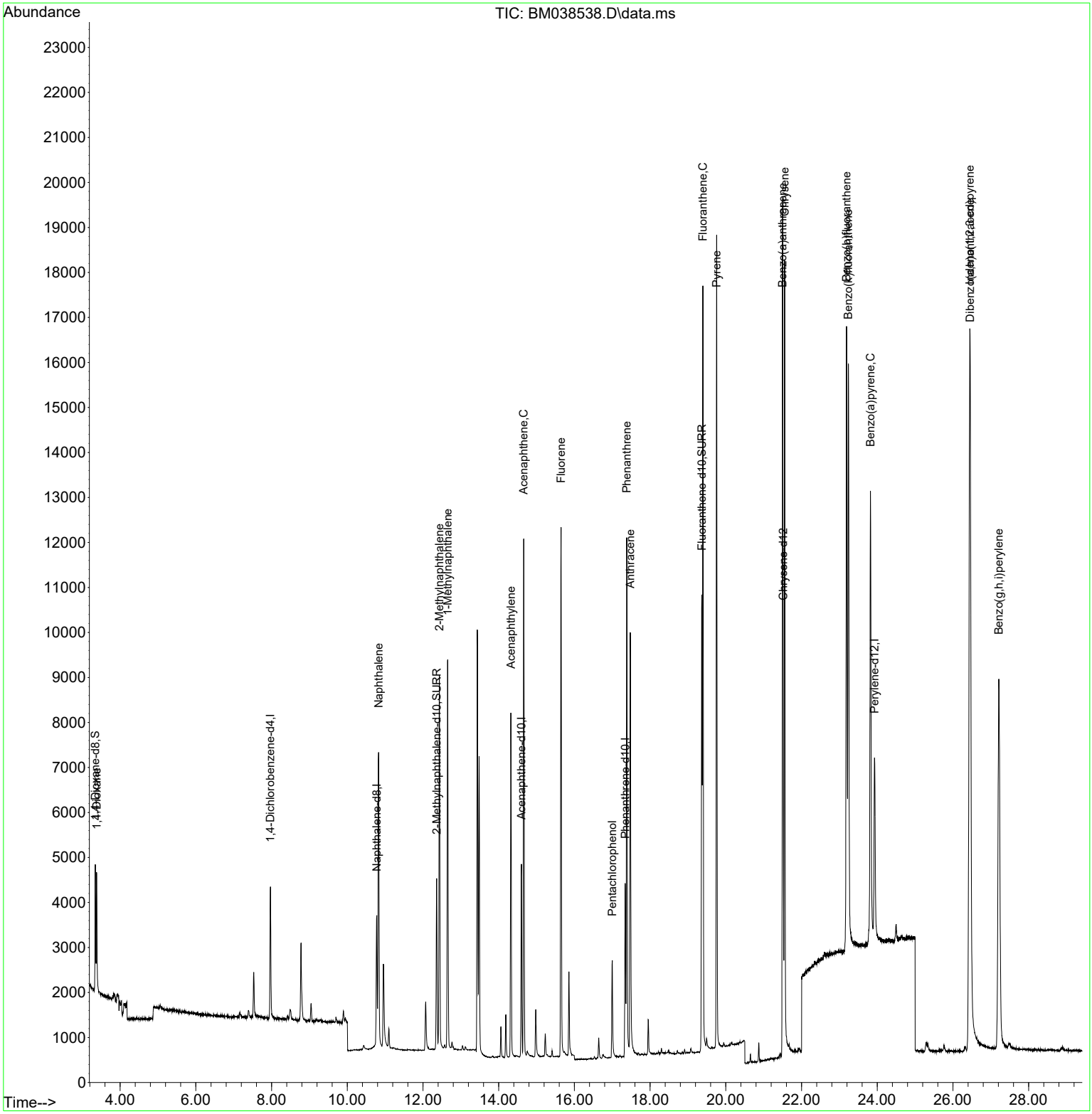
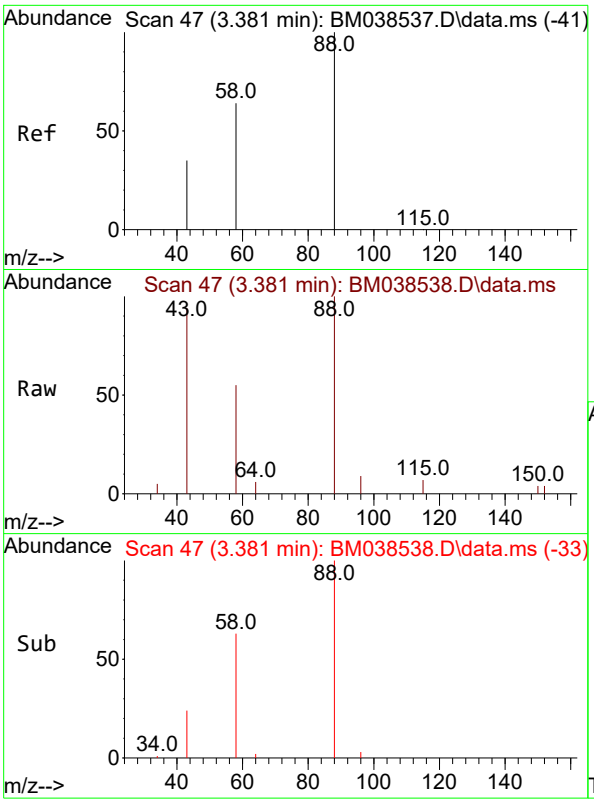
Quant Time: Jan 26 00:01:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 23:59:31 2023
Response via : Initial Calibration



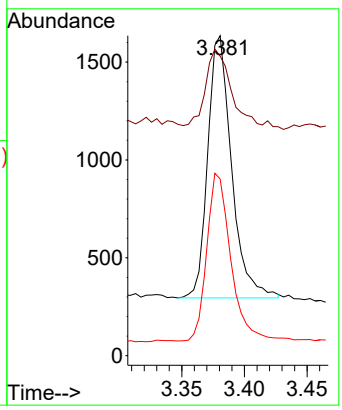


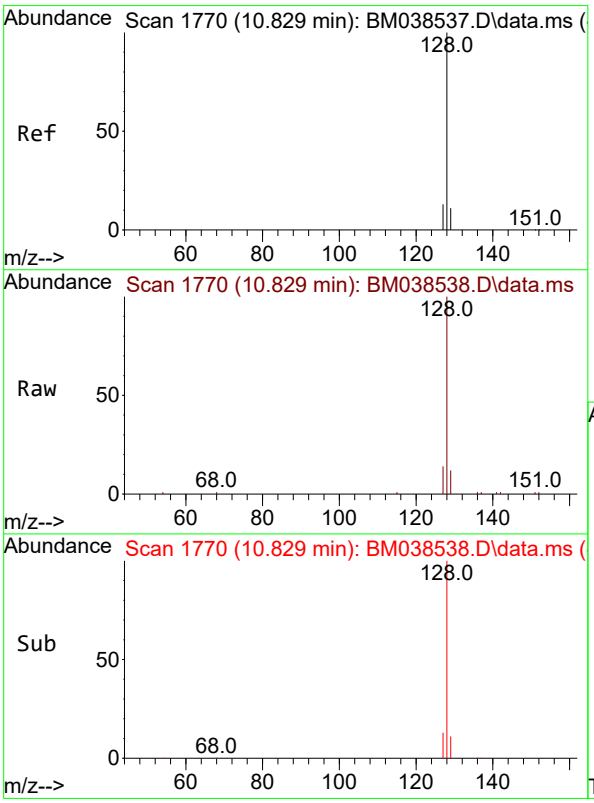
#2
1,4-Dioxane
Concen: 0.716 ng/ul
RT: 3.381 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion: 88 Resp: 1772

Ion	Ratio	Lower	Upper
88	100		
43	93.6	141.3	211.9#
58	55.2	45.7	68.5

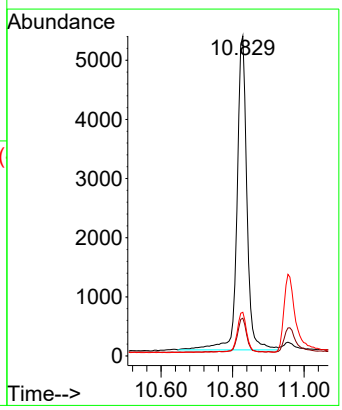


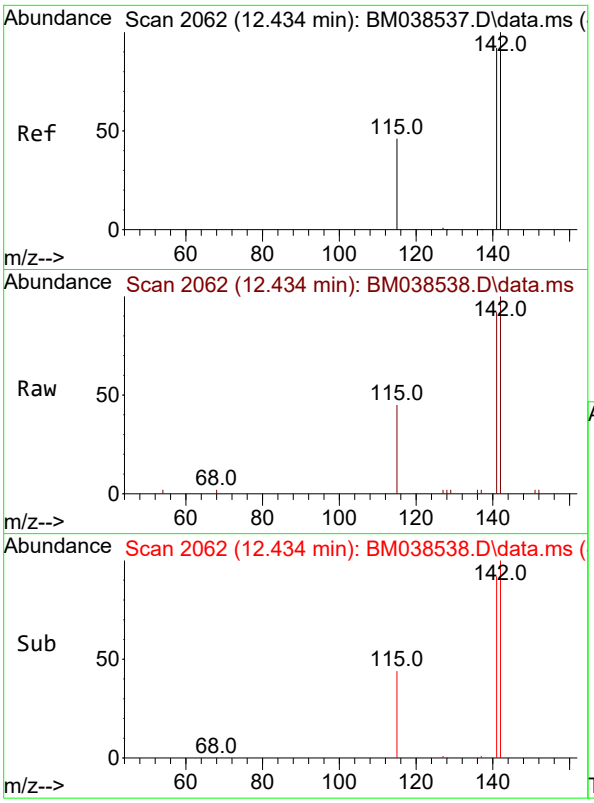


#5
Naphthalene
Concen: 0.969 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:128 Resp: 10198

Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.3	15.5
127	13.7	11.9	17.9



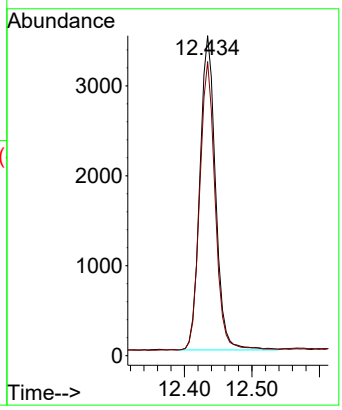


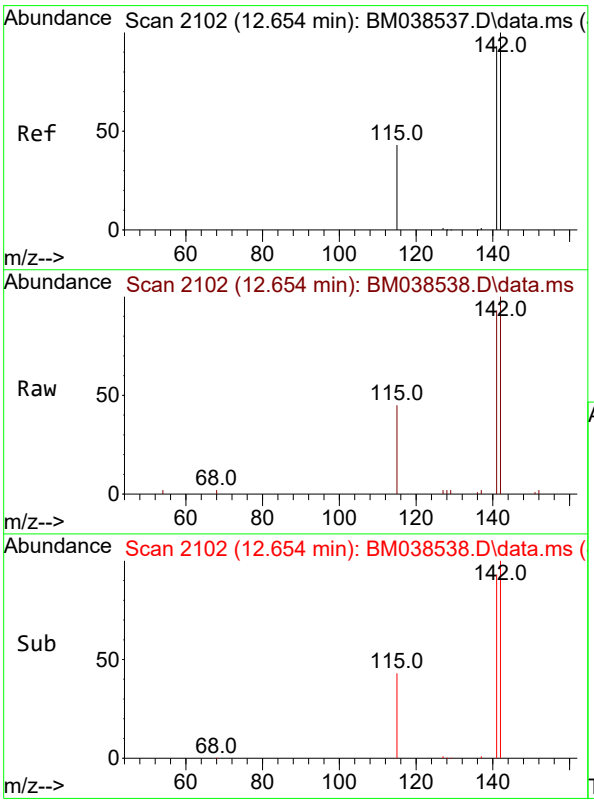
#7
2-Methylnaphthalene
Concen: 0.869 ng/ul
RT: 12.434 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:142 Resp: 5627

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5

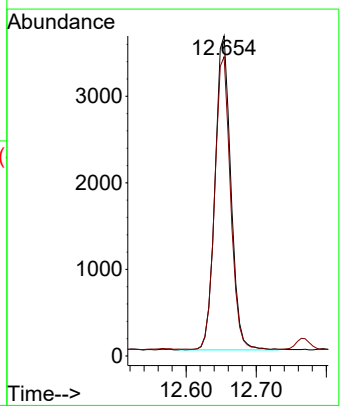


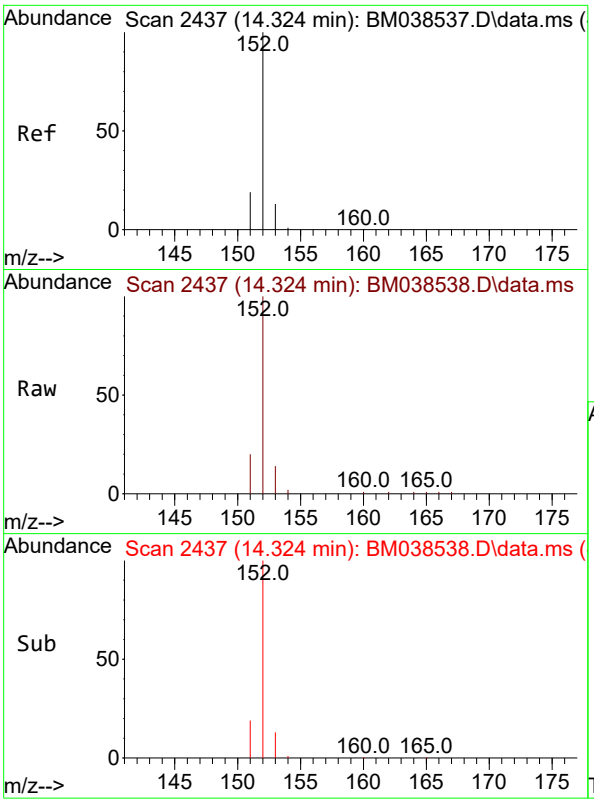


#8
1-Methylnaphthalene
Concen: 0.861 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:142 Resp: 5672

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.0	111.0



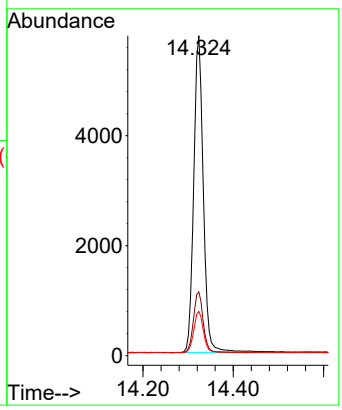


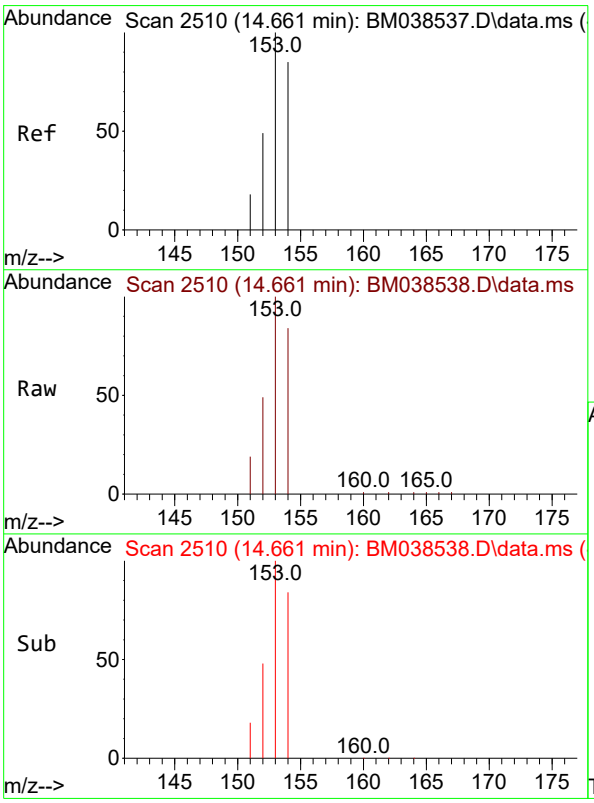
#10
Acenaphthylene
Concen: 0.810 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:152 Resp: 8568

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.9	11.8	17.6

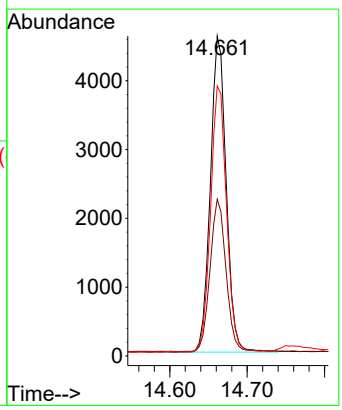


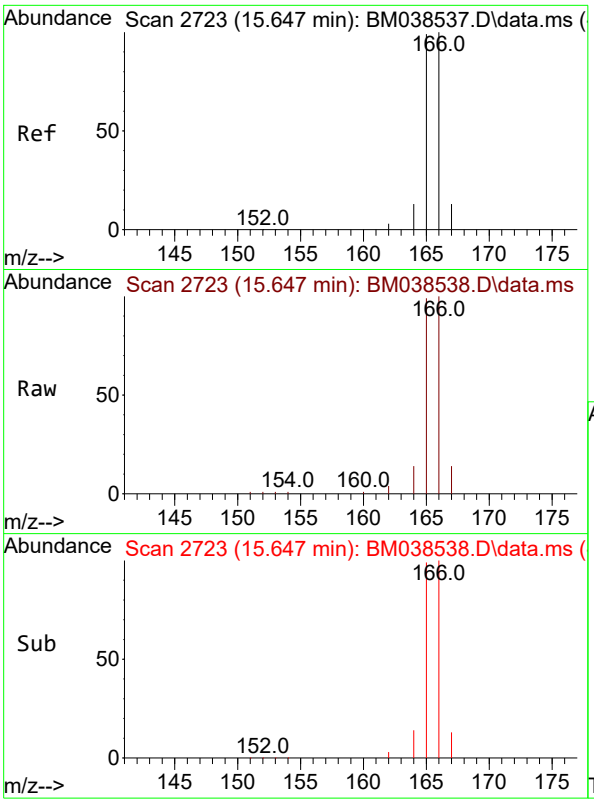


#11
Acenaphthene
Concen: 0.828 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:153 Resp: 6506

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.1	60.1
154	84.4	68.4	102.6



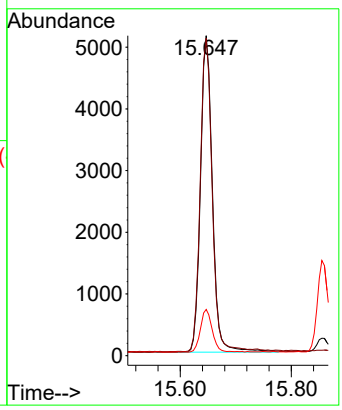


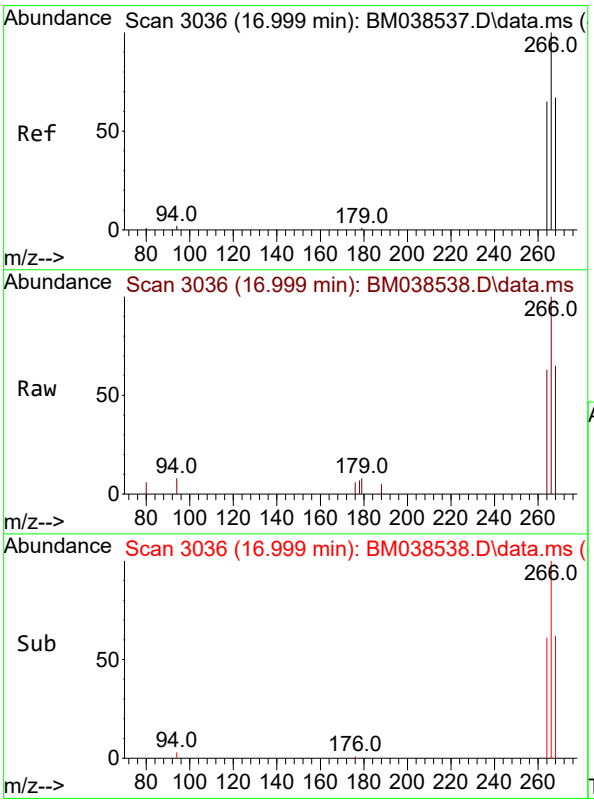
#12
Fluorene
Concen: 0.863 ng/ul
RT: 15.647 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:166 Resp: 7683

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	14.4	11.9	17.9

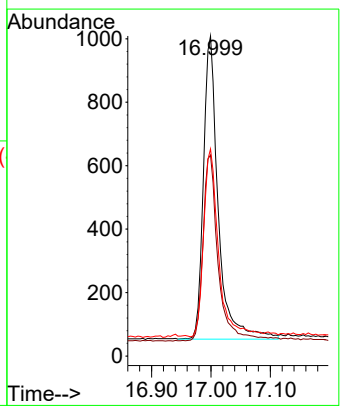


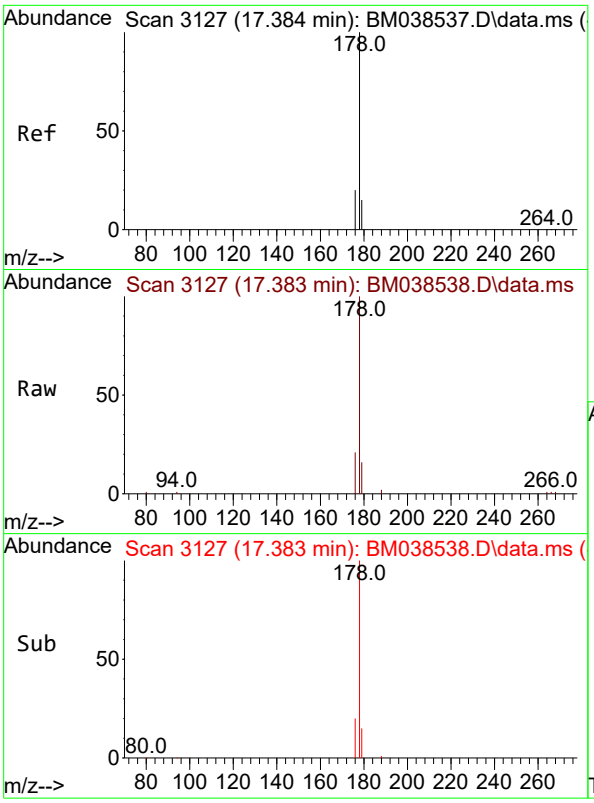


#14
Pentachlorophenol
Concen: 0.937 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:266 Resp: 1656

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.4	74.2
268	63.3	51.7	77.5



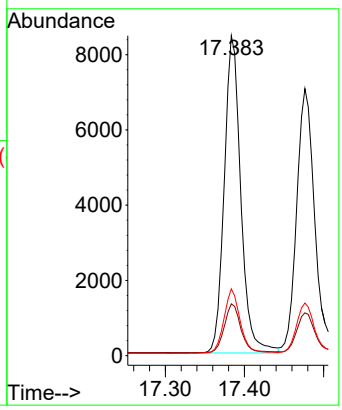


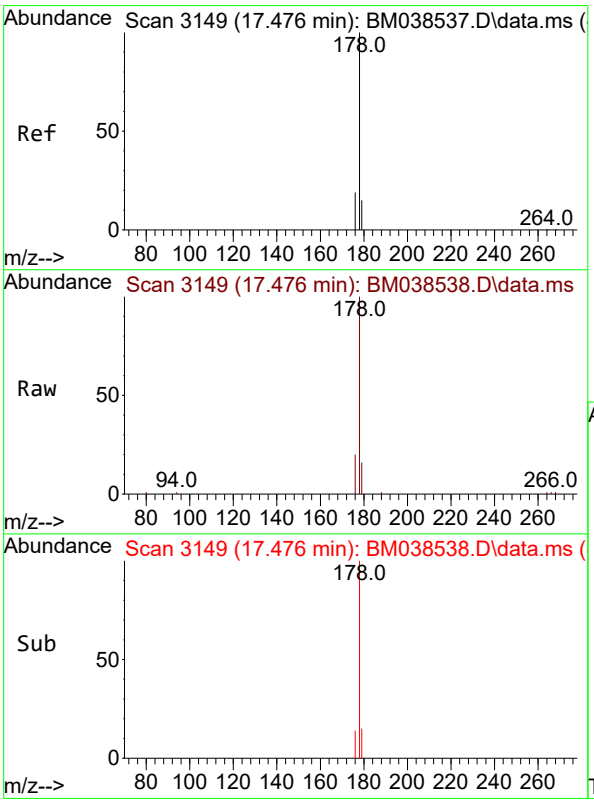
#15
Phenanthrene
Concen: 0.838 ng/ul
RT: 17.383 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:178 Resp: 12267

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	20.9	16.4	24.6

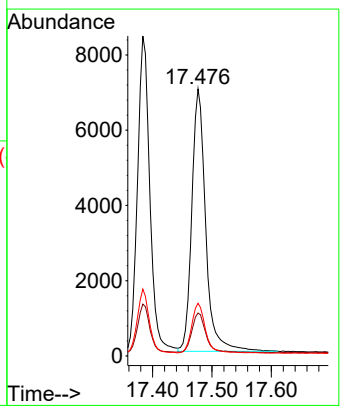


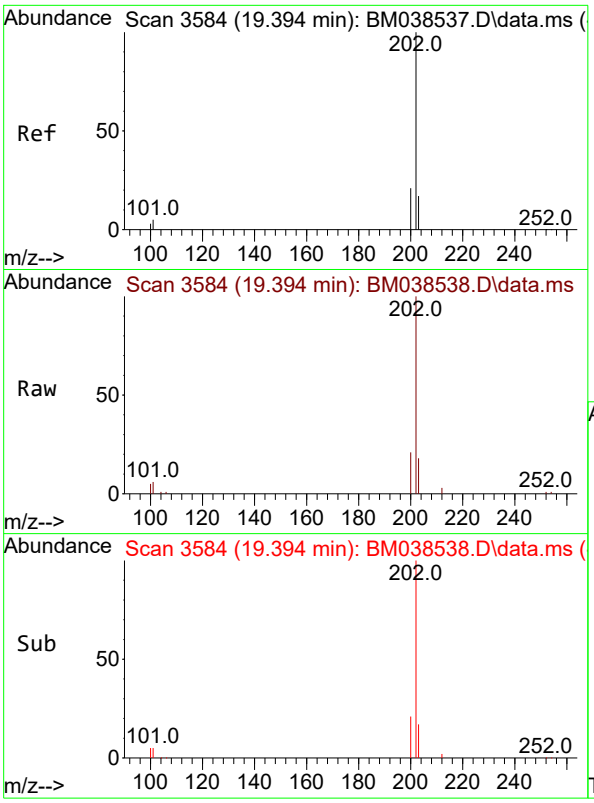


#16
Anthracene
Concen: 0.841 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:178 Resp: 11340

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	19.7	16.2	24.4



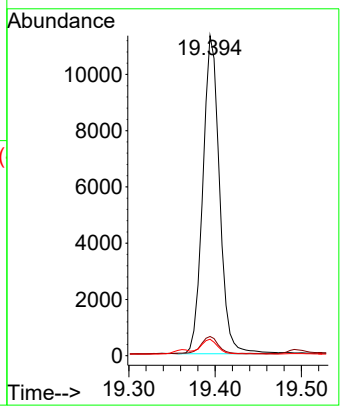


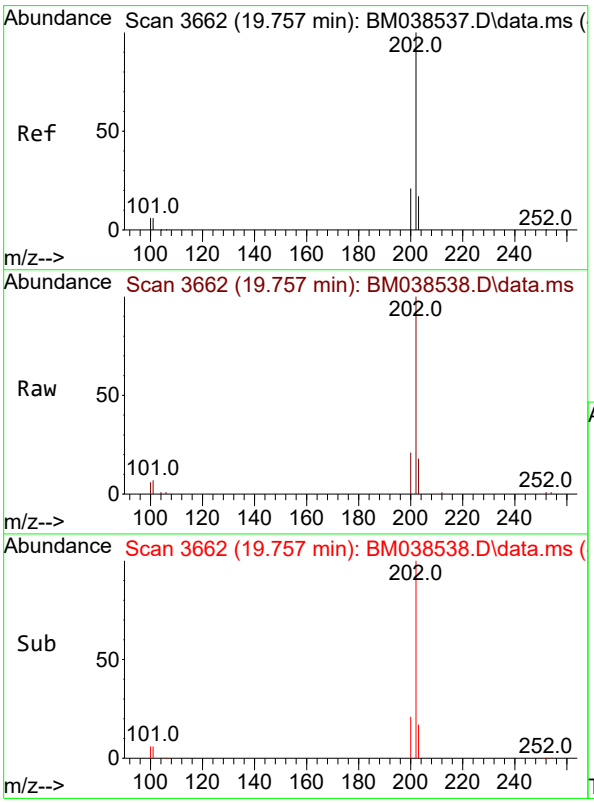
#19
Fluoranthene
Concen: 0.834 ng/ul
RT: 19.394 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:202 Resp: 15228

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.3	7.9
100	5.2	4.2	6.2

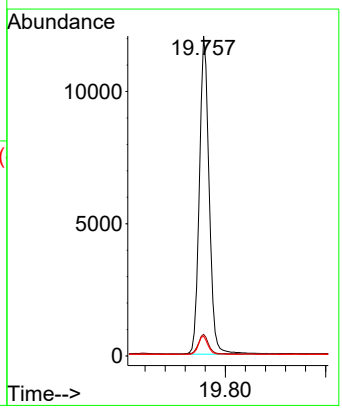


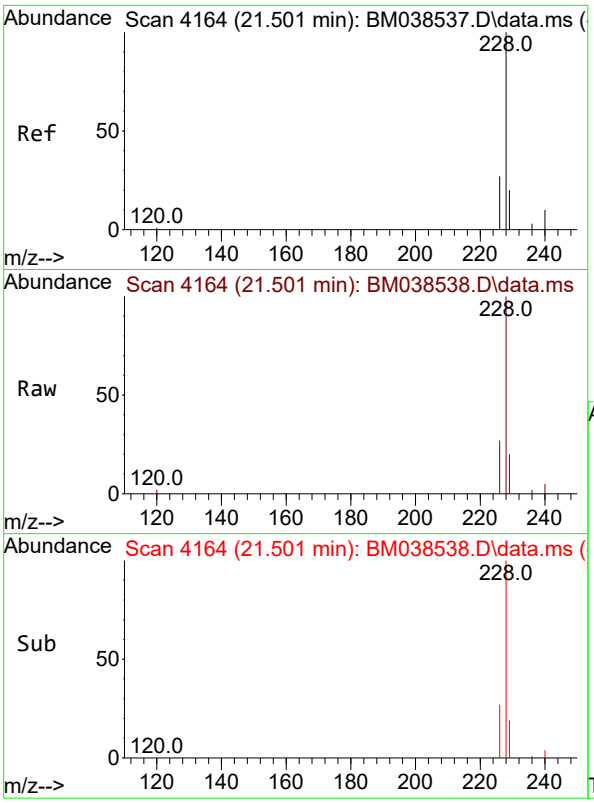


#20
Pyrene
Concen: 0.834 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:202 Resp: 16268

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.9	8.9
100	6.2	5.2	7.8



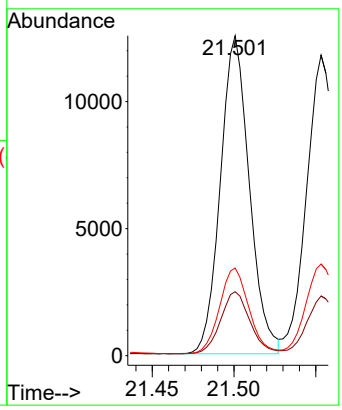


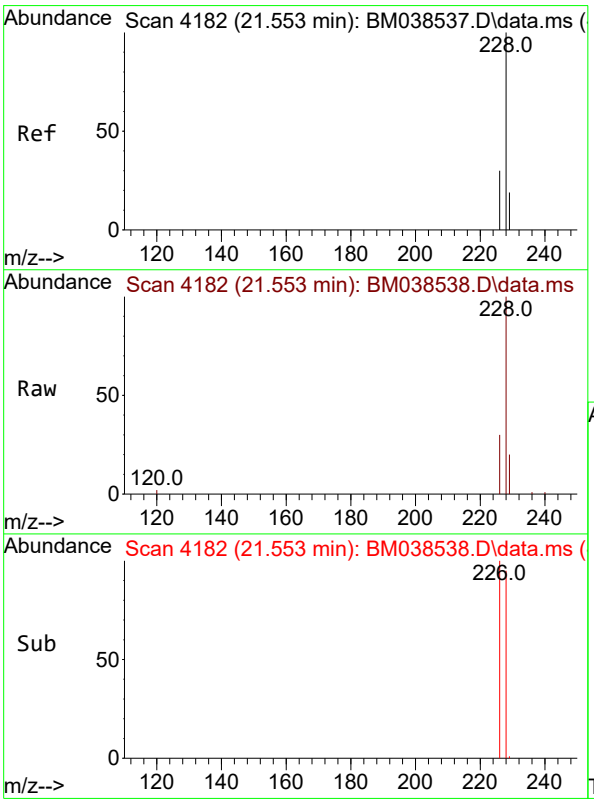
#21
Benzo(a)anthracene
Concen: 0.879 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:228 Resp: 15448

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.7	25.1
226	27.4	22.2	33.4

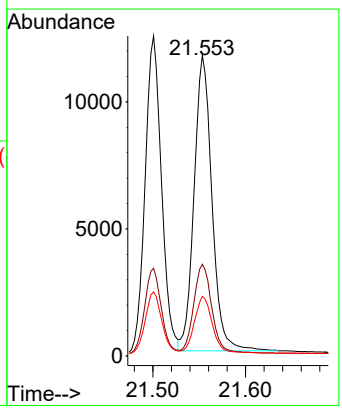


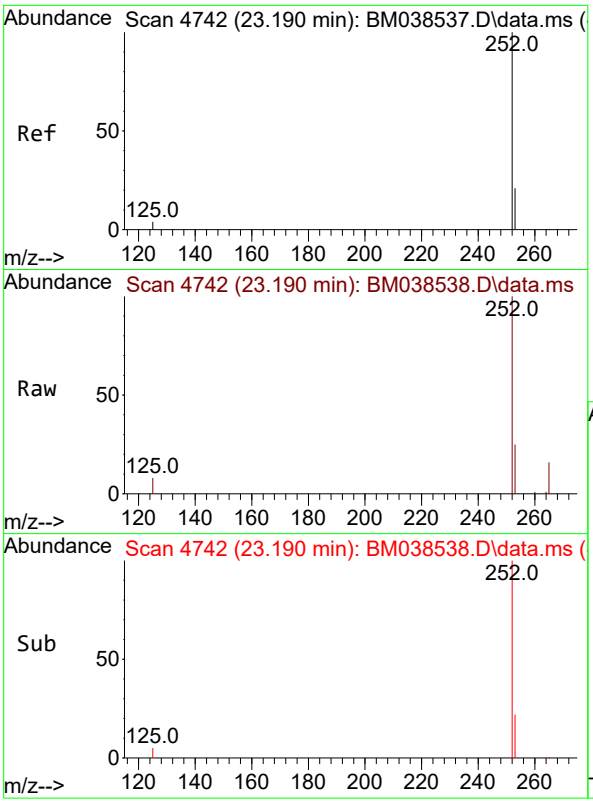


#22
Chrysene
Concen: 0.844 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:228 Resp: 15637

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	19.9	16.2	24.4



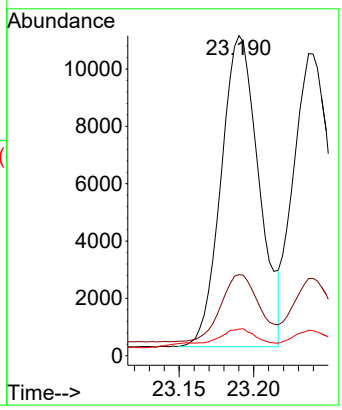


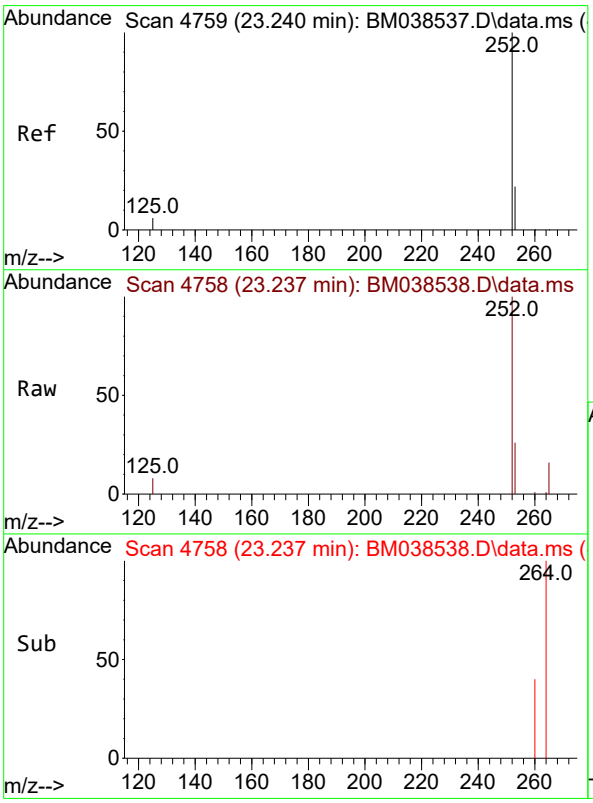
#24
Benzo(b)fluoranthene
Concen: 0.879 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:252 Resp: 19092

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	56.6
125	8.3	0.0	21.4

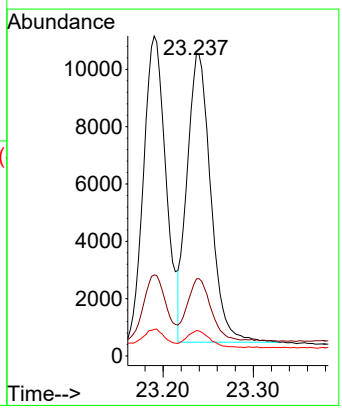


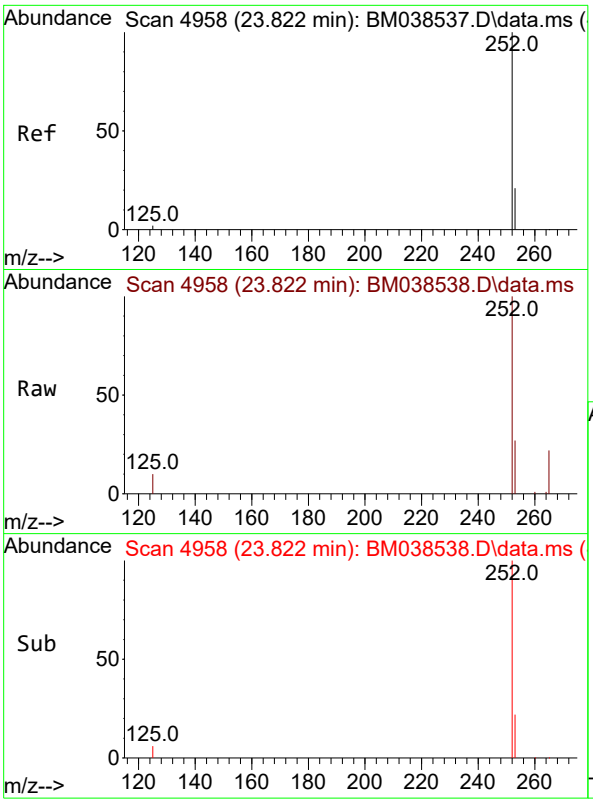


#25
Benzo(k)fluoranthene
Concen: 0.848 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:252 Resp: 18346

Ion	Ratio	Lower	Upper
252	100		
253	25.5	23.1	34.7
125	8.4	8.4	12.6



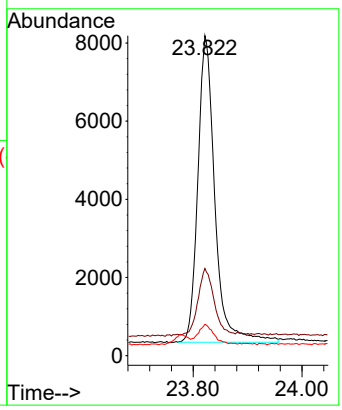


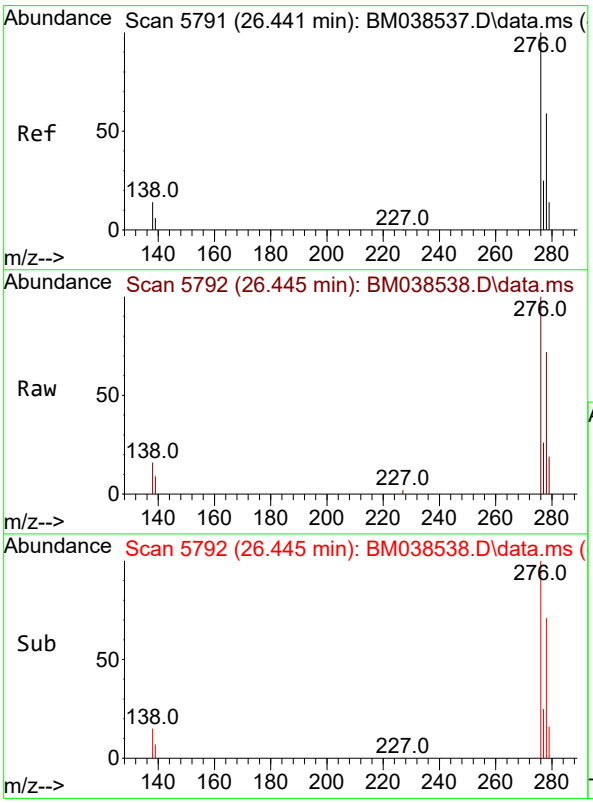
#26
Benzo(a)pyrene
Concen: 0.826 ng/ul
RT: 23.822 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:252 Resp: 16960

Ion	Ratio	Lower	Upper
252	100		
253	27.3	25.1	37.7
125	9.8	10.0	15.0#

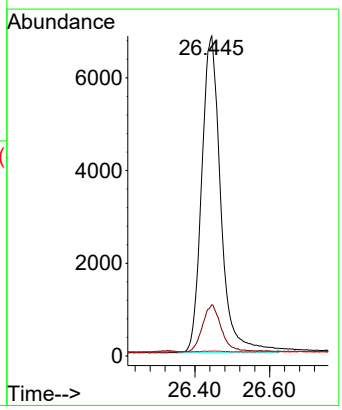


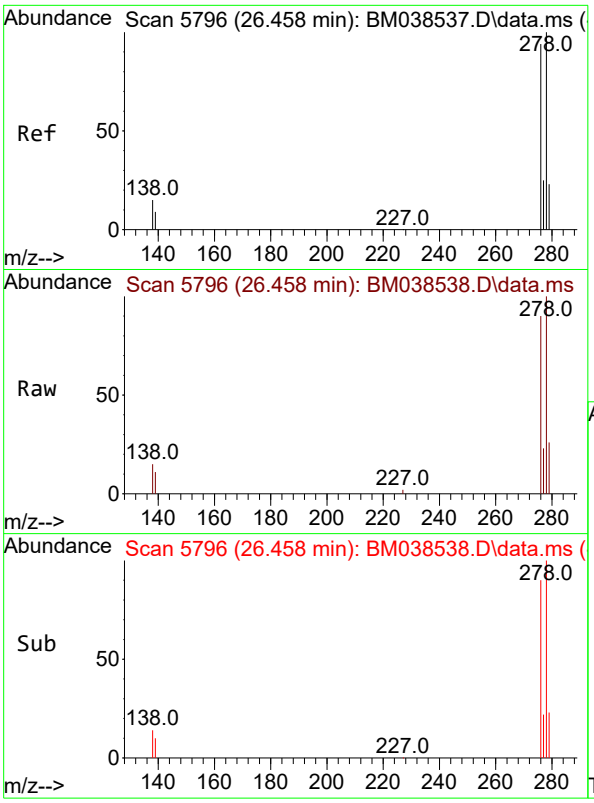


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.808 ng/ul
RT: 26.445 min Scan# 5792
Delta R.T. 0.004 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:276 Resp: 24258

Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.7	17.5
227	0.0	0.3	0.5#



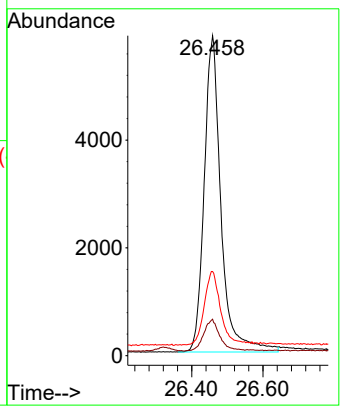


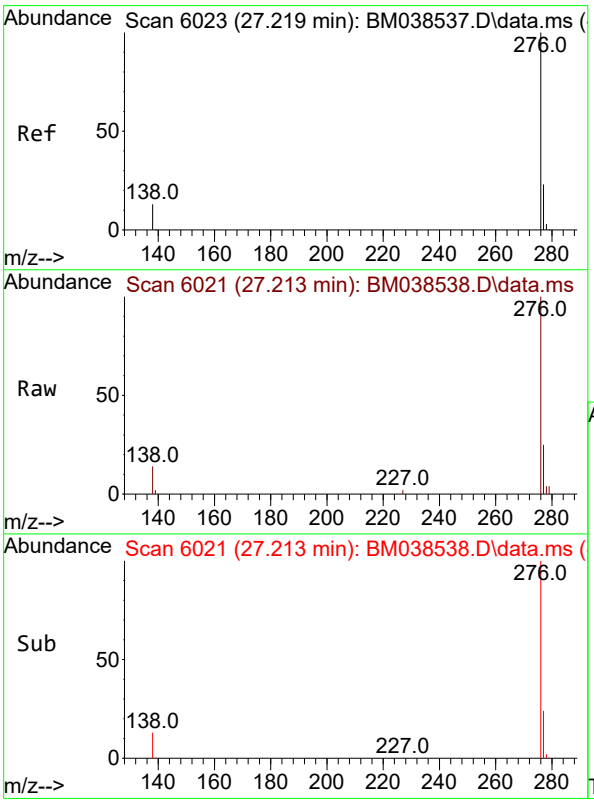
#28
Dibenzo(a,h)anthracene
Concen: 0.818 ng/ul
RT: 26.458 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:278 Resp: 19227

Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.8	14.8
279	26.3	23.3	34.9





#29
Benzo(g,h,i)perylene
Concen: 0.791 ng/ul
RT: 27.213 min Scan# 6021
Delta R.T. -0.006 min
Lab File: BM038538.D
Acq: 25 Jan 2023 21:05

Tgt Ion:276 Resp: 21106

Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.6	19.0
277	24.8	20.5	30.7