Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
Data File : BM041145.D
Acq On : 26 Jul 2023 21:42
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 27 01:20:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

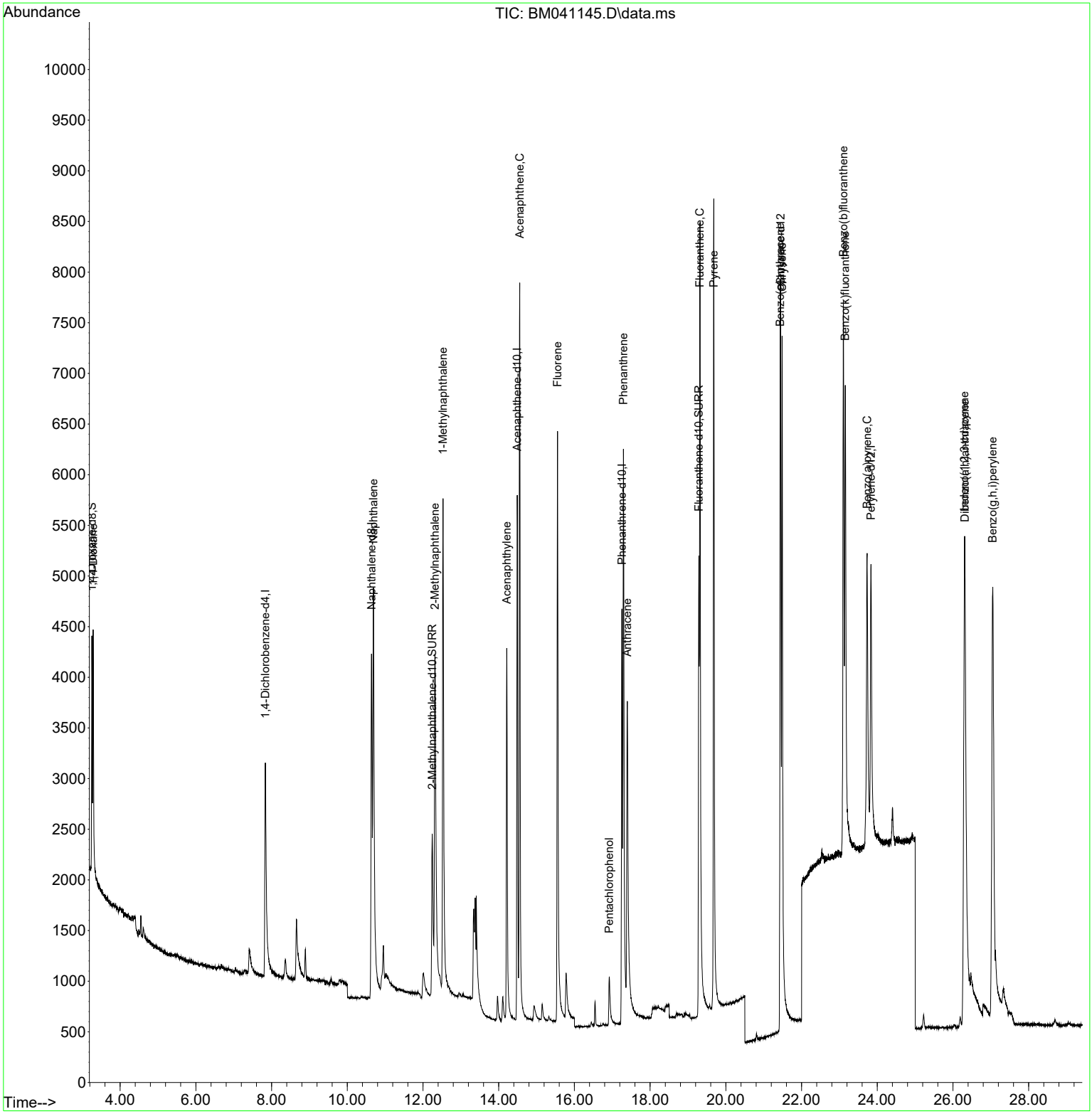
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.836	152	2078	0.400	ng/ul		0.00
4) Naphthalene-d8	10.642	136	7046	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.490	164	3249	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.257	188	6218	0.400	ng/ul		0.00
17) Chrysene-d12	21.448	240	4819	0.400	ng/ul	#	0.00
23) Perylene-d12	23.833	264	4613	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.254	96	1443	0.450	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.242	152	3784	0.376	ng/ul		0.00
18) Fluoranthene-d10	19.287	212	6272	0.478	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.288	88	1420	0.434	ng/ul	#	56
5) Naphthalene	10.691	128	7850	0.342	ng/ul		99
7) 2-Methylnaphthalene	12.313	142	4285	0.381	ng/ul		99
8) 1-Methylnaphthalene	12.528	142	4379	0.380	ng/ul		98
10) Acenaphthylene	14.213	152	5368	0.391	ng/ul		98
11) Acenaphthene	14.555	153	4835	0.418	ng/ul		98
12) Fluorene	15.554	166	5038	0.399	ng/ul		98
14) Pentachlorophenol	16.919	266	549	0.303	ng/ul		98
15) Phenanthrene	17.295	178	7480	0.390	ng/ul		99
16) Anthracene	17.396	178	5658	0.365	ng/ul		97
19) Fluoranthene	19.315	202	7887	0.457	ng/ul	#	94
20) Pyrene	19.682	202	8388	0.440	ng/ul	#	93
21) Benzo(a)anthracene	21.436	228	5795	0.360	ng/ul		99
22) Chrysene	21.486	228	7249	0.390	ng/ul		99
24) Benzo(b)fluoranthene	23.105	252	7556	0.411	ng/ul		96
25) Benzo(k)fluoranthene	23.155	252	7320	0.417	ng/ul	#	96
26) Benzo(a)pyrene	23.731	252	6338	0.426	ng/ul	#	94
27) Indeno(1,2,3-cd)pyrene	26.304	276	8764	0.398	ng/ul	#	90
28) Dibenzo(a,h)anthracene	26.317	278	7060	0.408	ng/ul	#	96
29) Benzo(g,h,i)perylene	27.052	276	11695	0.594	ng/ul		99

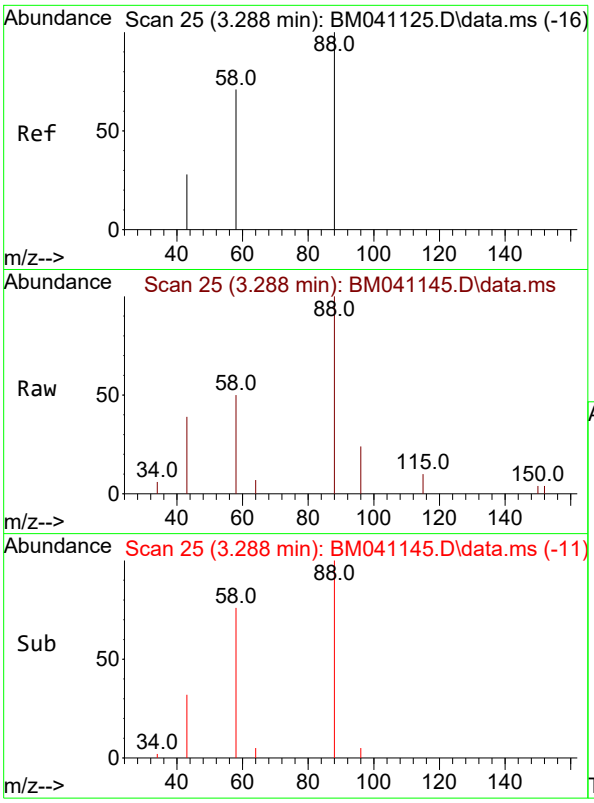
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
Data File : BM041145.D
Acq On : 26 Jul 2023 21:42
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 27 01:20:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



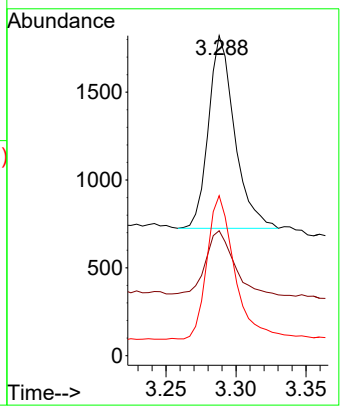


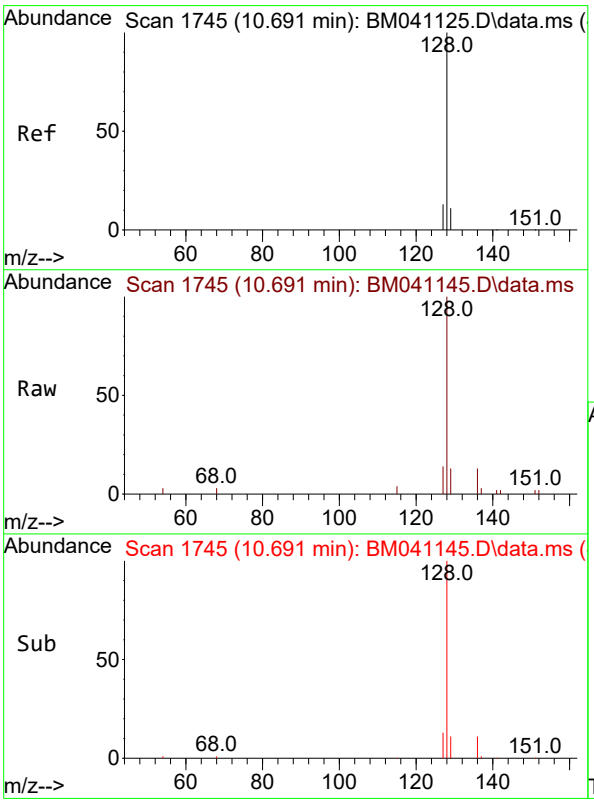
#2
1,4-Dioxane
Concen: 0.434 ng/ul
RT: 3.288 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1420

Ion	Ratio	Lower	Upper
88	100		
43	39.0	83.1	124.7#
58	50.0	38.8	58.2

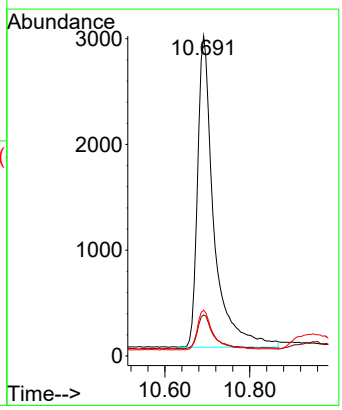


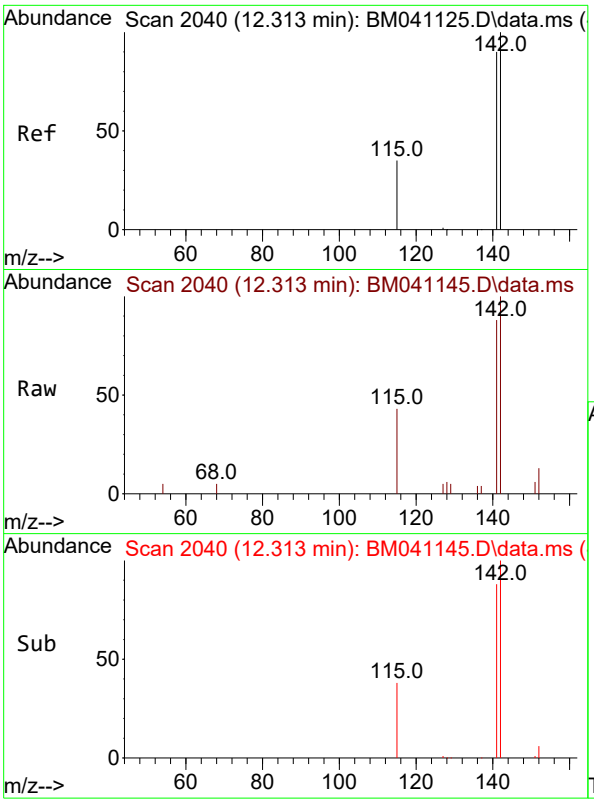


#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:128 Resp: 7850

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.8	14.8
127	14.3	11.1	16.7



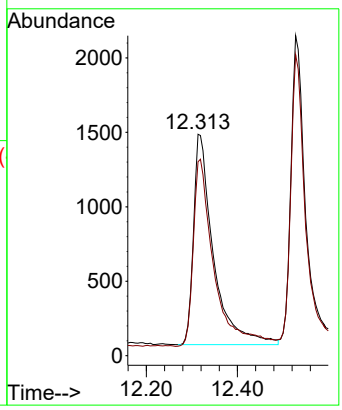


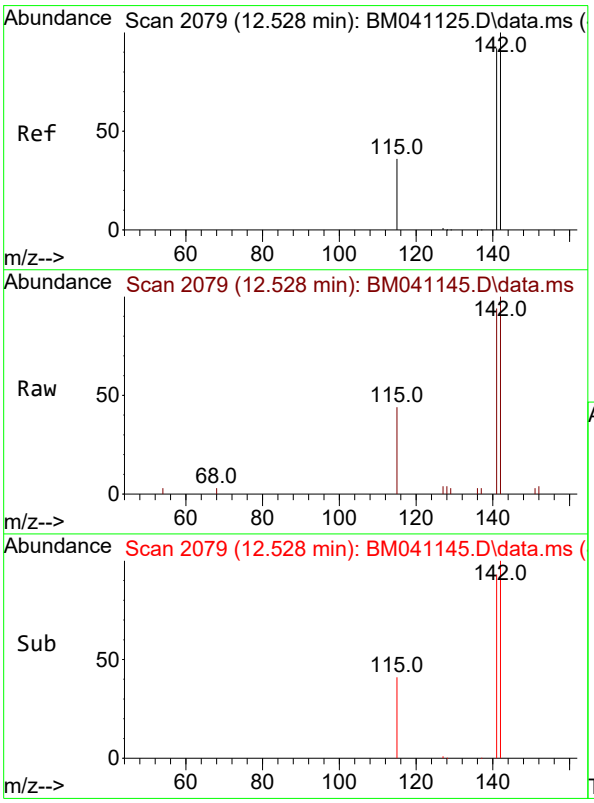
#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 4285

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.3	109.9

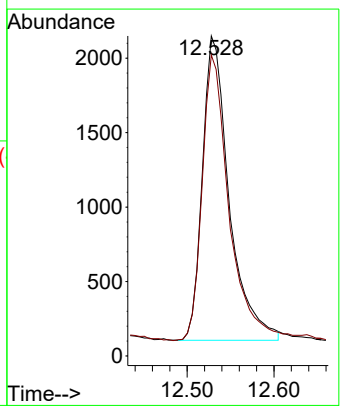


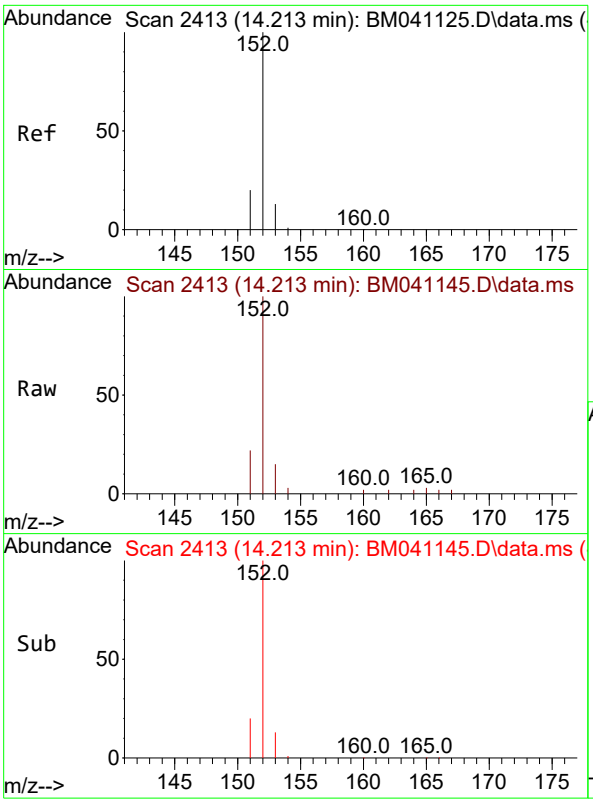


#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:142 Resp: 4379

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.6	110.4



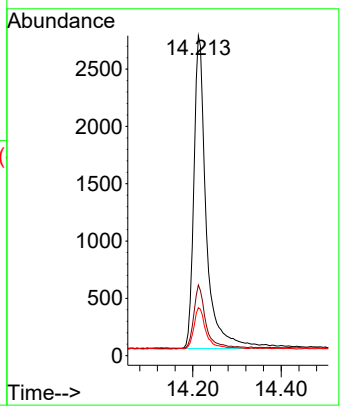


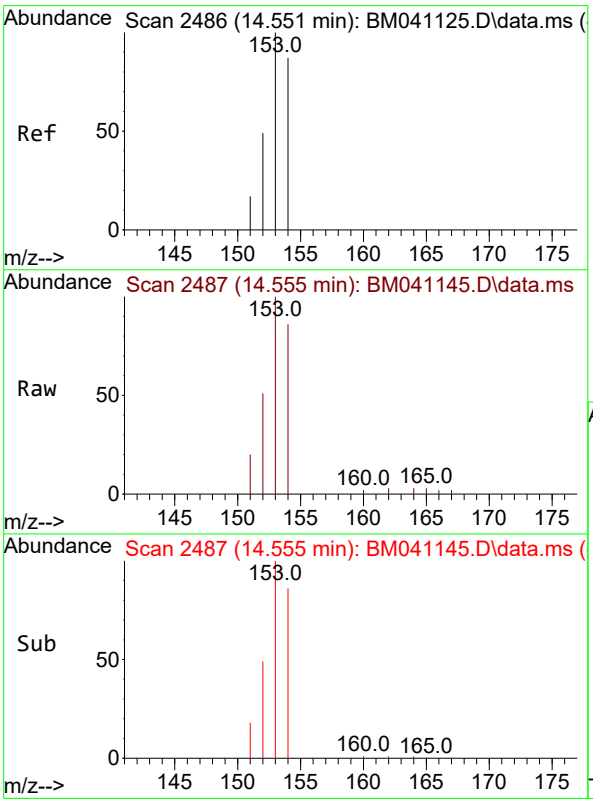
#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.213 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 5368

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2
153	15.0	11.4	17.2

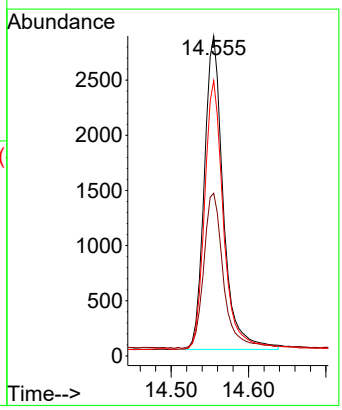


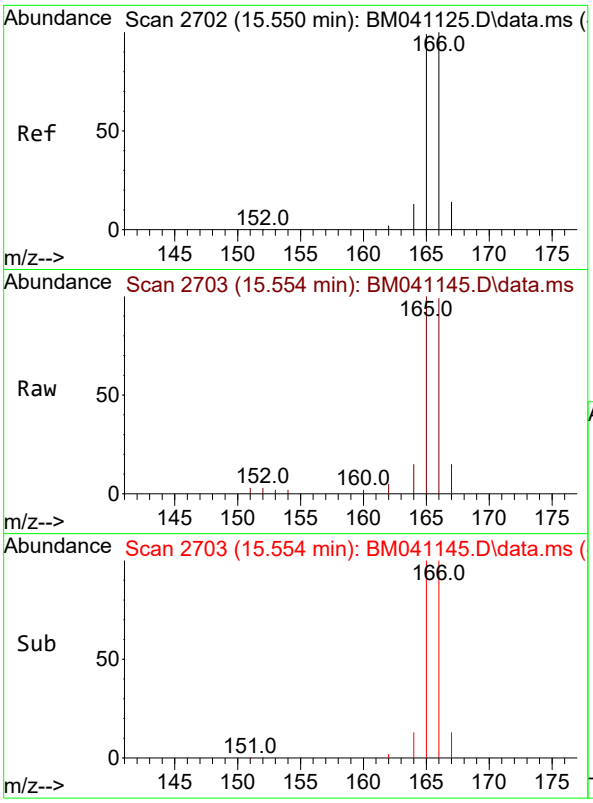


#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:153 Resp: 4835

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.2	60.4
154	86.0	70.3	105.5



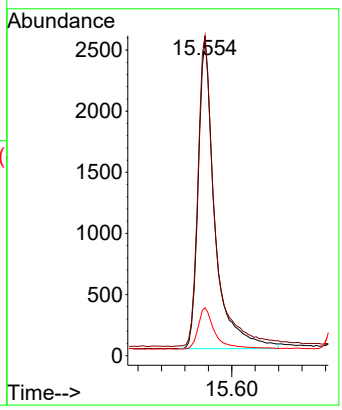


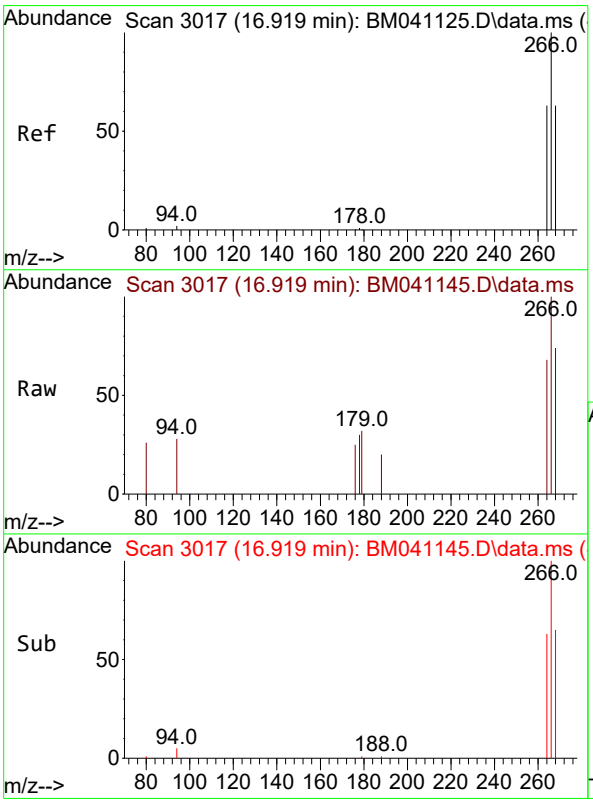
#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.554 min Scan# 2
Delta R.T. 0.004 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 5038

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.4	119.0
167	15.1	11.4	17.2

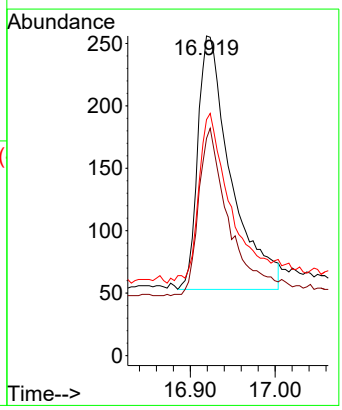


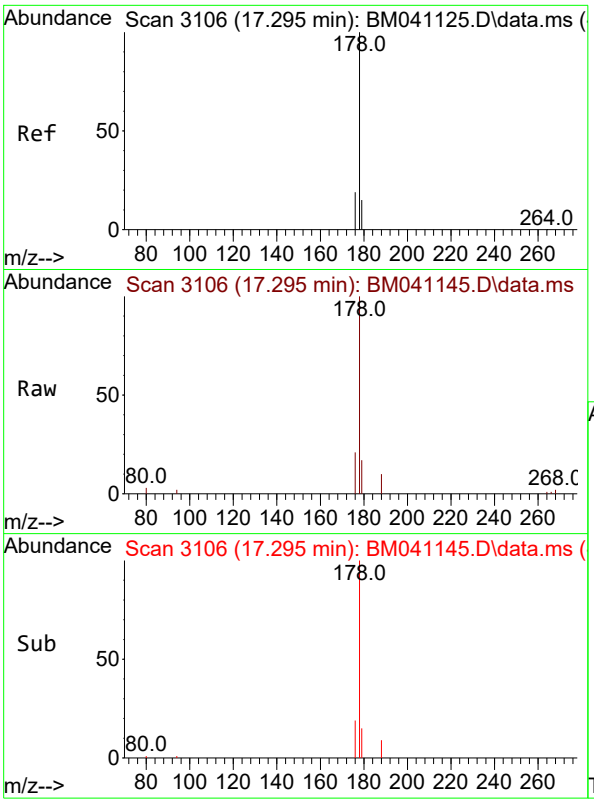


#14
Pentachlorophenol
Concen: 0.303 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. 0.004 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:266 Resp: 549

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.2	73.8
268	65.2	49.9	74.9



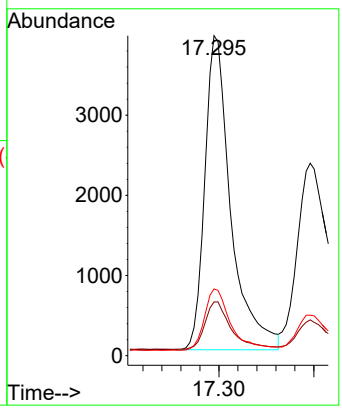


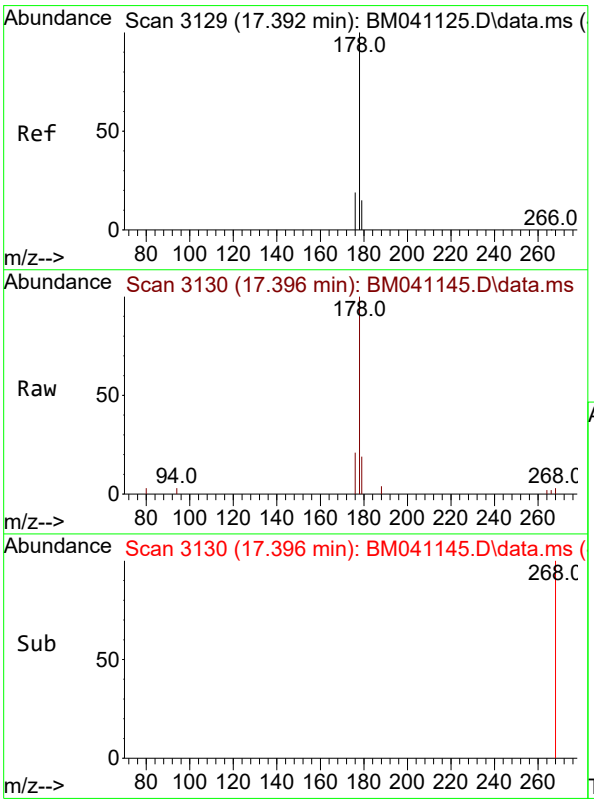
#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.295 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 7480

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	20.9	16.0	24.0

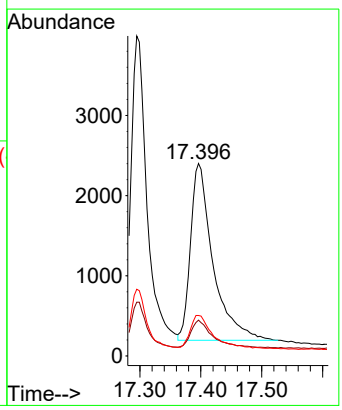


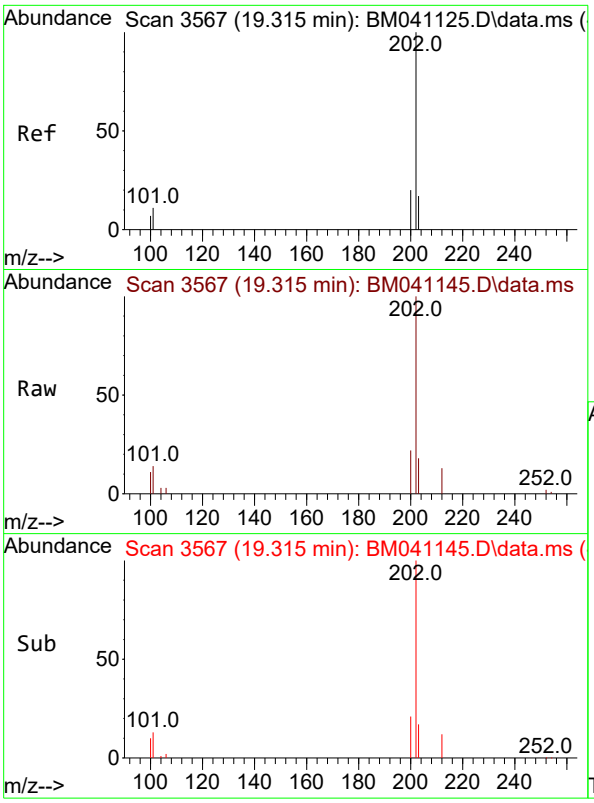


#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:178 Resp: 5658

Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.6	20.4
176	21.0	16.0	24.0



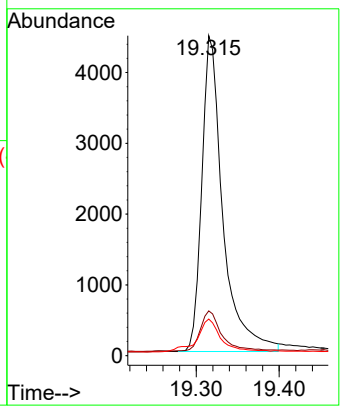


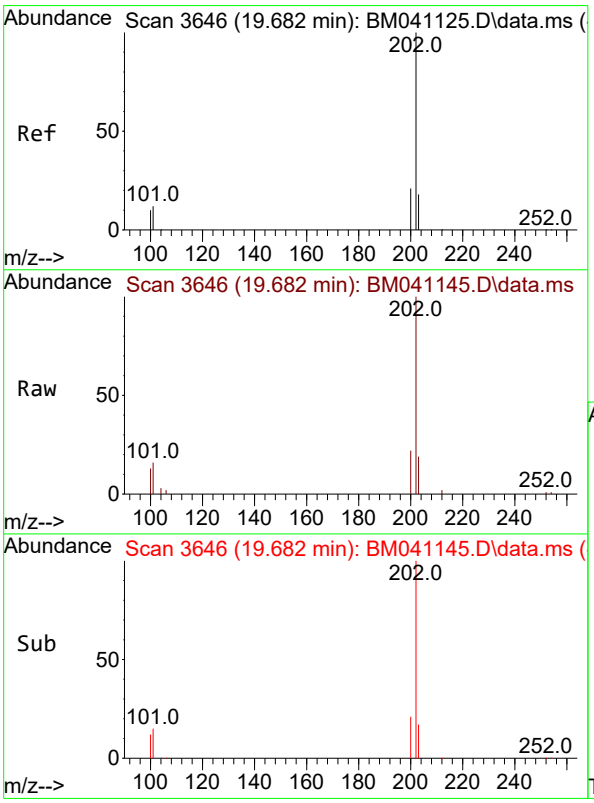
#19
Fluoranthene
Concen: 0.457 ng/ul
RT: 19.315 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7887

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.4	14.0
100	11.4	7.1	10.7#

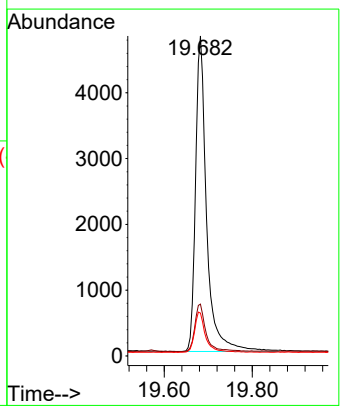


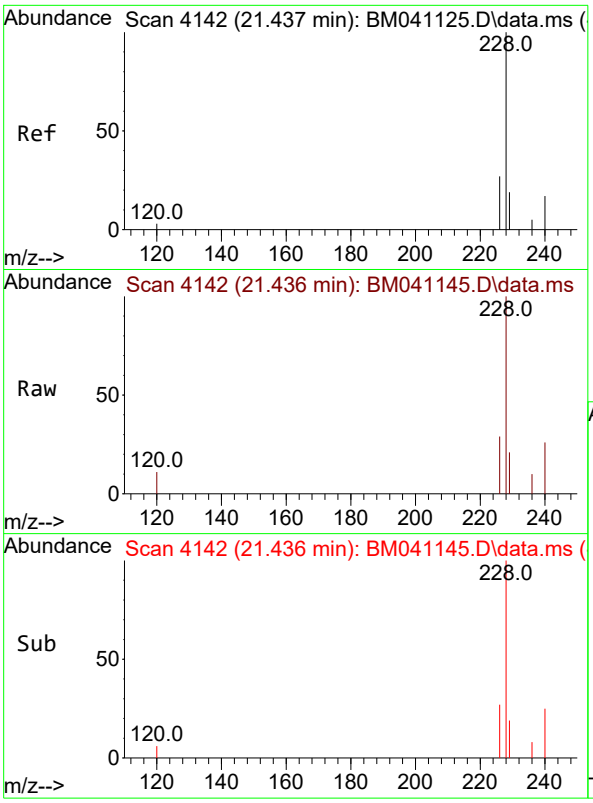


#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:202 Resp: 8388

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.7	16.1#
100	13.4	8.5	12.7#



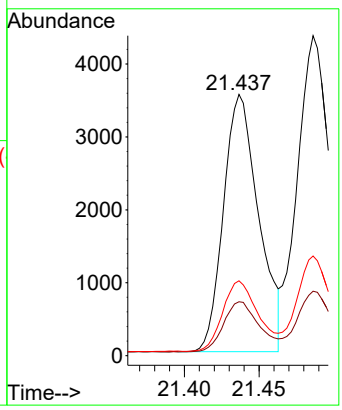


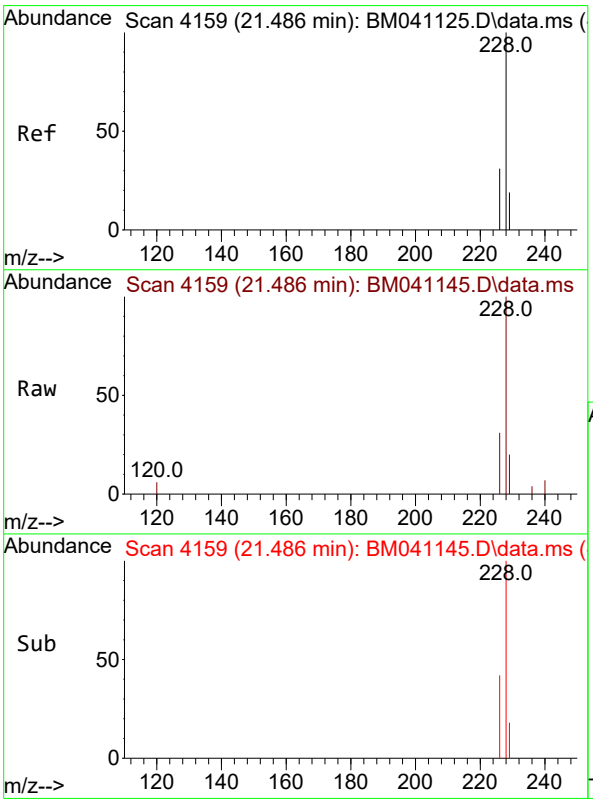
#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.436 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5795

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.5	24.7
226	28.7	22.2	33.2

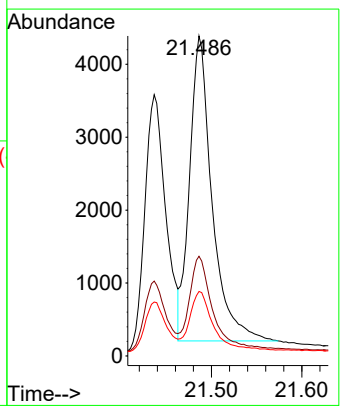


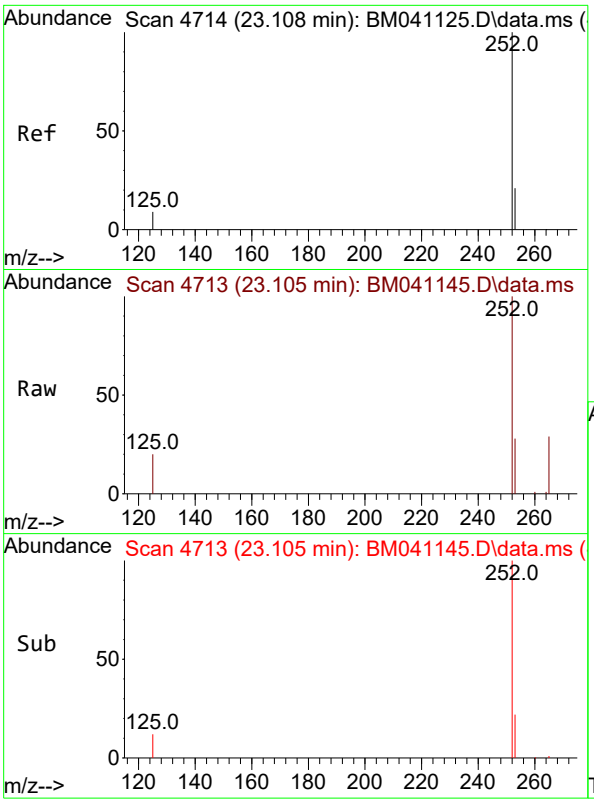


#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:228 Resp: 7249

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	20.2	15.9	23.9



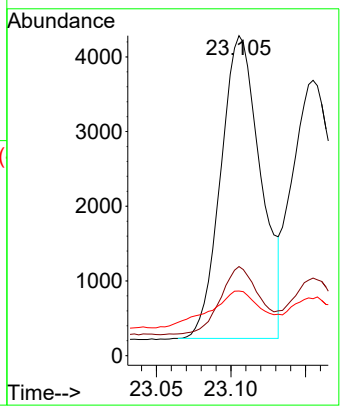


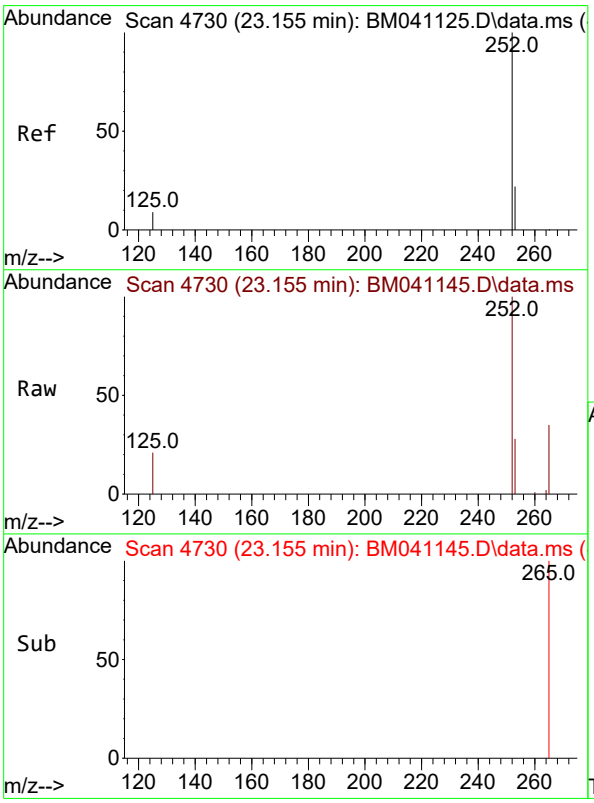
#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 23.105 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7556

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	57.6
125	20.2	0.0	33.6

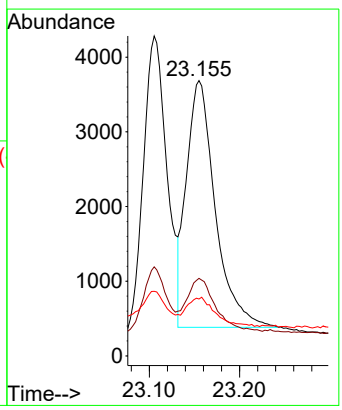


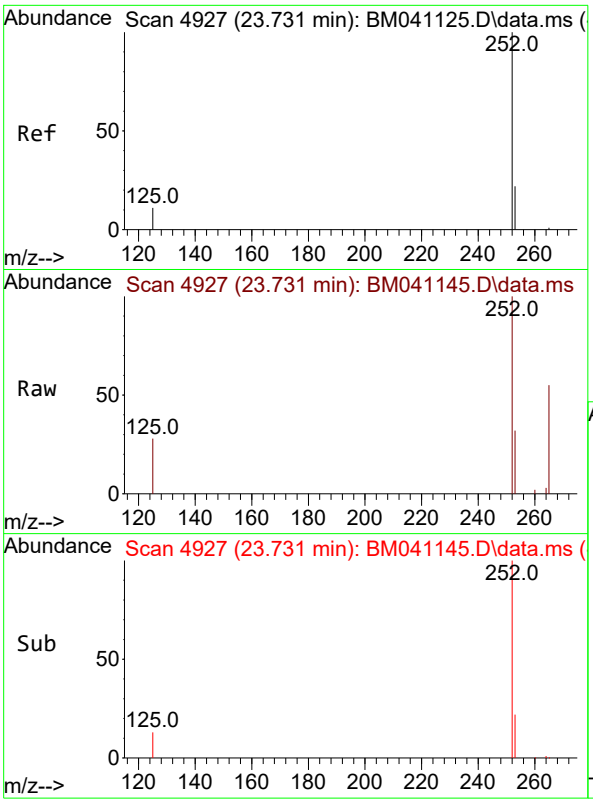


#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:252 Resp: 7320

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.8	34.2
125	20.7	13.5	20.3#



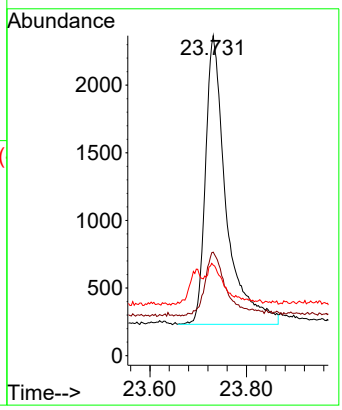


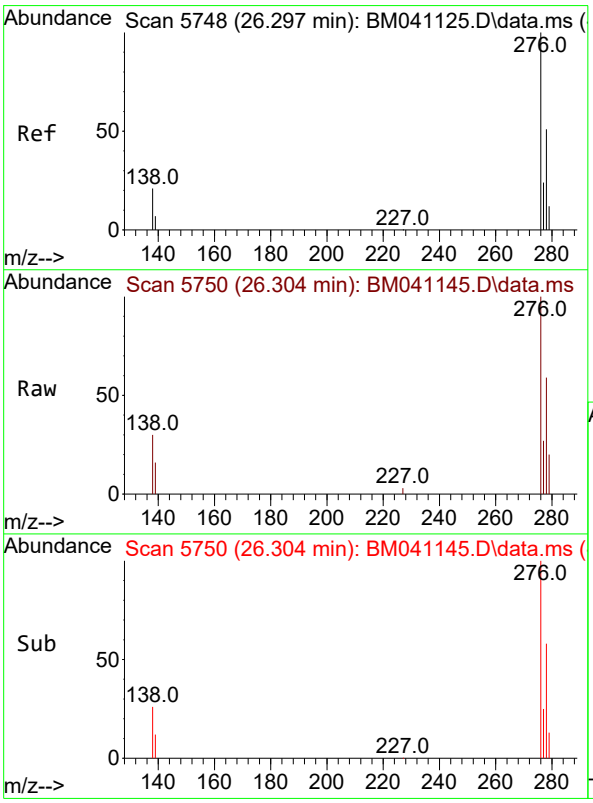
#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.731 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 6338

Ion	Ratio	Lower	Upper
252	100		
253	32.3	26.7	40.1
125	28.3	18.1	27.1#

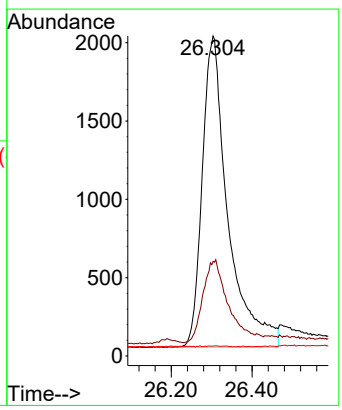


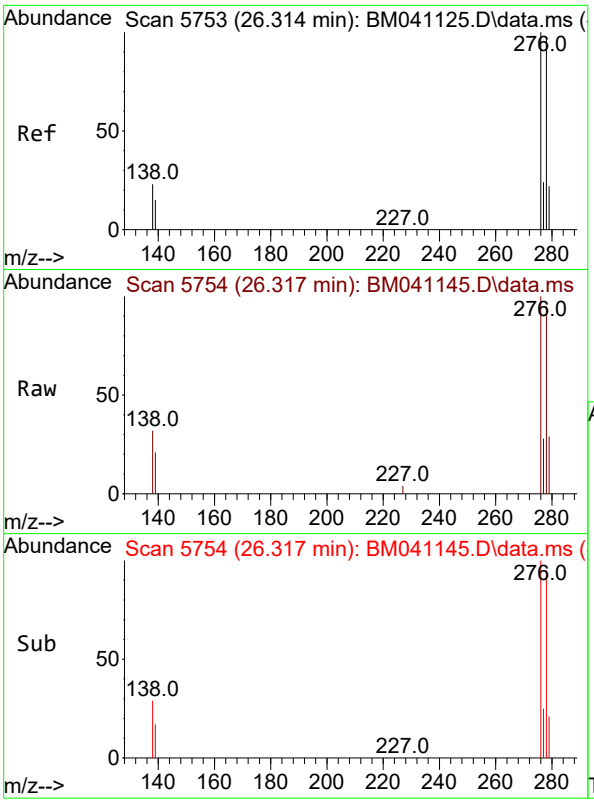


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.304 min Scan# 5750
Delta R.T. 0.007 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:276 Resp: 8764

Ion	Ratio	Lower	Upper
276	100		
138	27.5	18.1	27.1#
227	0.0	0.2	0.2#



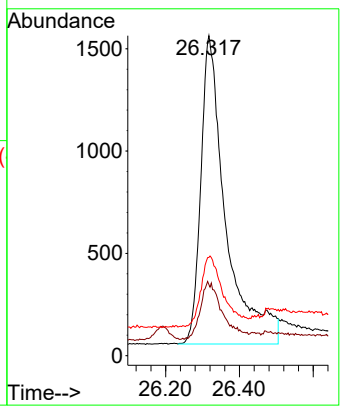


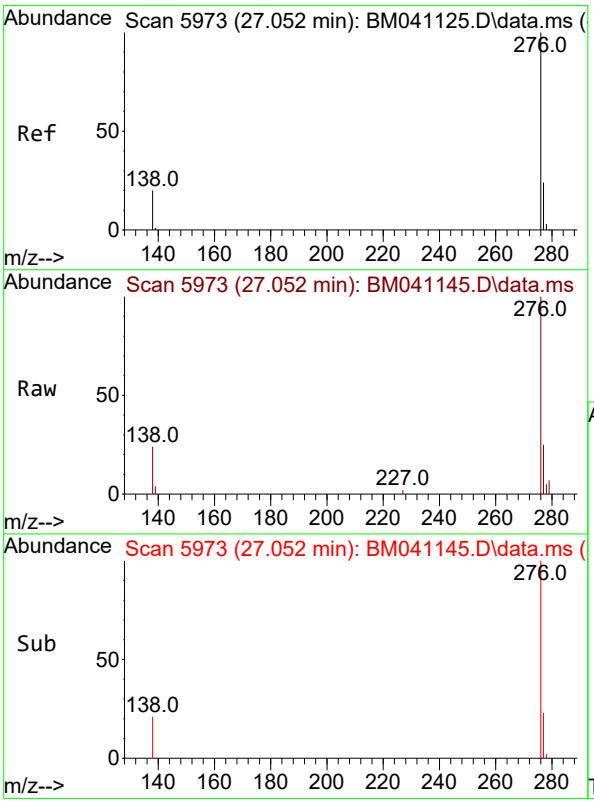
#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.317 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 7060

Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.1	21.1#
279	30.7	25.0	37.4





#29
Benzo(g,h,i)perylene
Concen: 0.594 ng/ul
RT: 27.052 min Scan# 5973
Delta R.T. -0.000 min
Lab File: BM041145.D
Acq: 26 Jul 2023 21:42

Tgt Ion:276 Resp: 11695

Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.2	27.2
277	25.4	20.6	30.8