Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041504.D
Acq On : 25 Aug 2023 21:36
Operator : MA/JU
Sample : 04037-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYE2

Quant Time: Aug 26 00:19:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	14231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	39212	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	19647	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	39136	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.700	240	13979	0.400	ng/ul	# 0.00
23) Perylene-d12	24.269	264	15411	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	59514	3.304	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	8330	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	10718	0.174	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	18766	0.161	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	18098	0.258	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	7447	0.104	ng/ul	99
10) Acenaphthylene	14.486	152	5162	0.044	ng/ul#	84
11) Acenaphthene	14.819	153	4584	0.056	ng/ul	98
12) Fluorene	15.804	166	2270	0.025	ng/ul#	75
15) Phenanthrene	17.553	178	86413	0.601	ng/ul	97
16) Anthracene	17.645	178	14046	0.107	ng/ul#	83
19) Fluoranthene	19.562	202	170557	1.329	ng/ul	99
20) Pyrene	19.929	202	284284	2.197	ng/ul	99
21) Benzo(a)anthracene	21.682	228	77306	0.850	ng/ul#	93
22) Chrysene	21.738	228	167672	1.706	ng/ul	98
24) Benzo(b)fluoranthene	23.471	252	242107	2.294	ng/ul	89
26) Benzo(a)pyrene	24.152	252	91711	1.058	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.985	276	130263	1.202	ng/ul#	89
28) Dibenzo(a,h)anthracene	27.015	278	30953	0.373	ng/ul#	60
29) Benzo(g,h,i)perylene	27.837	276	152492	1.598	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
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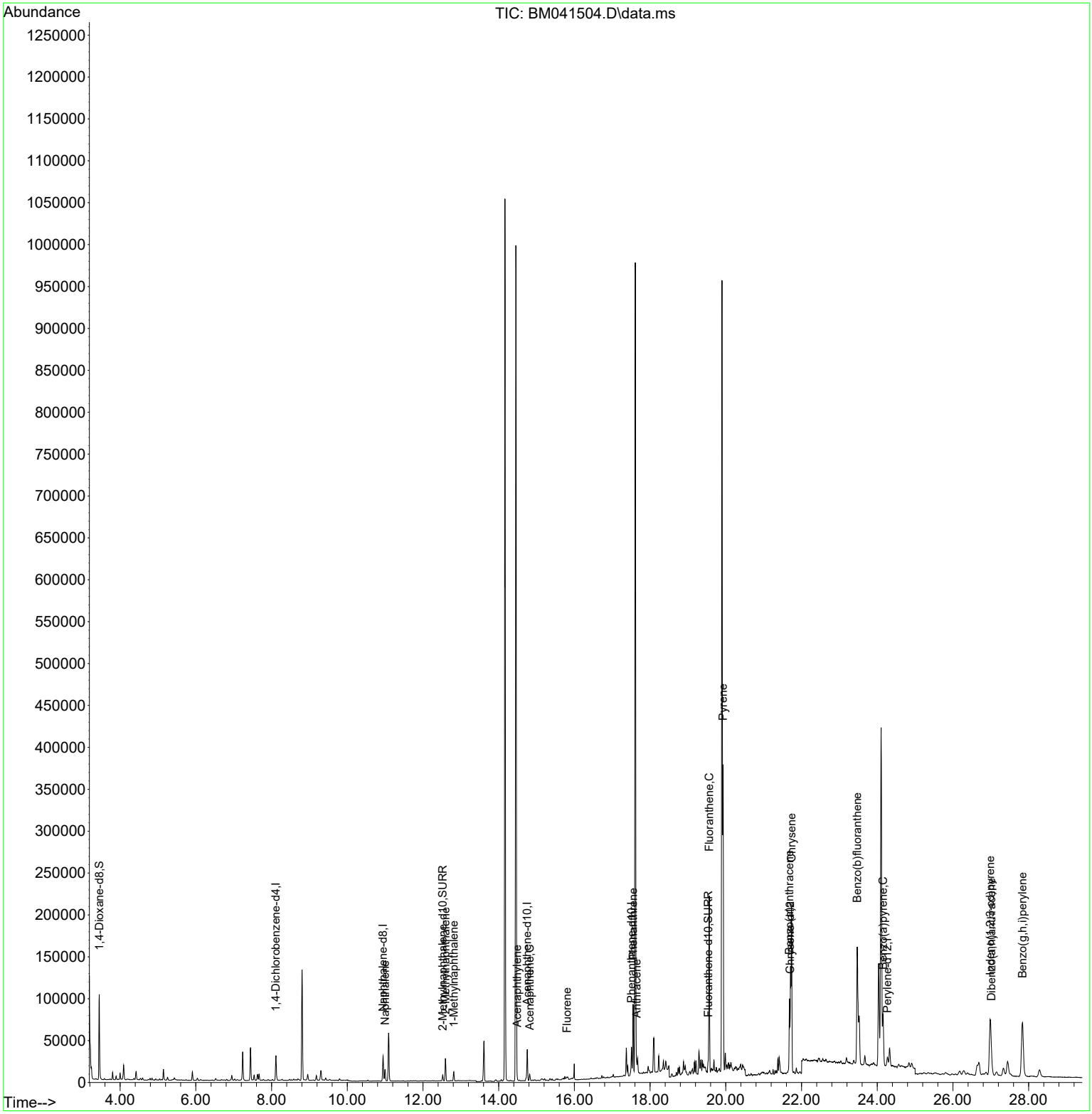
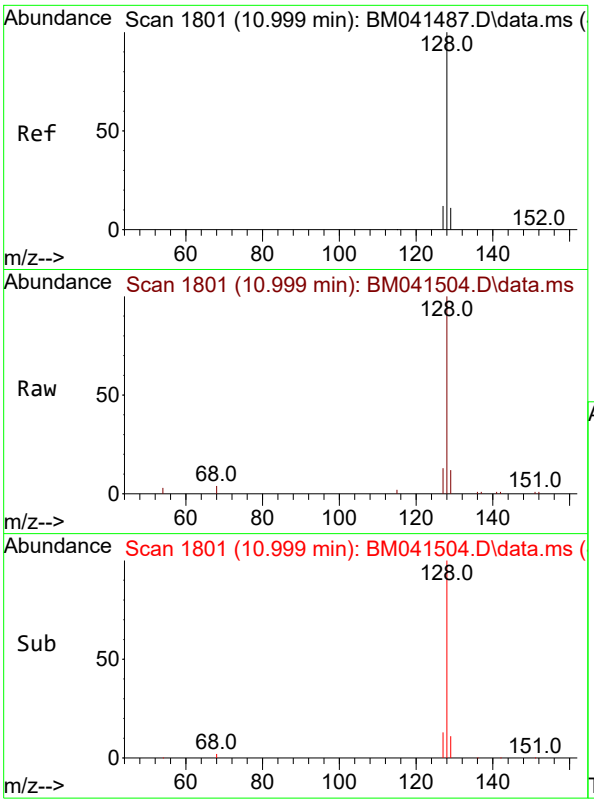


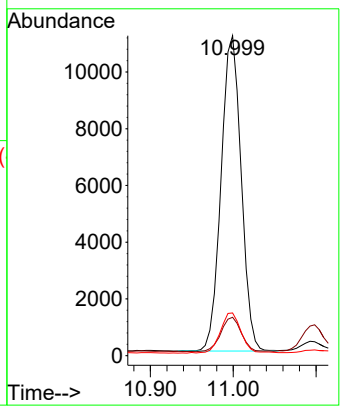


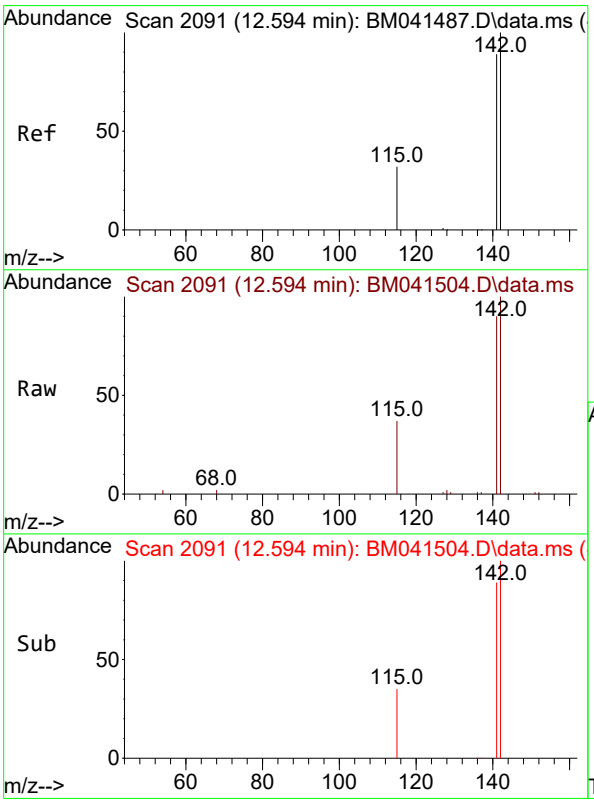
#5
Naphthalene
Concen: 0.161 ng/ul
RT: 10.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:128 Resp: 18766

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	13.3	10.6	15.8

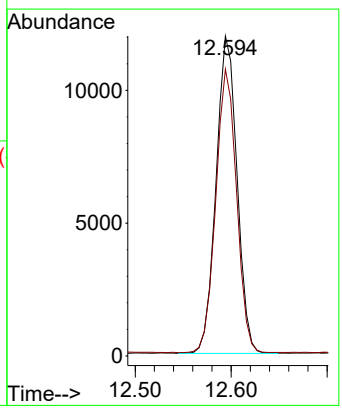


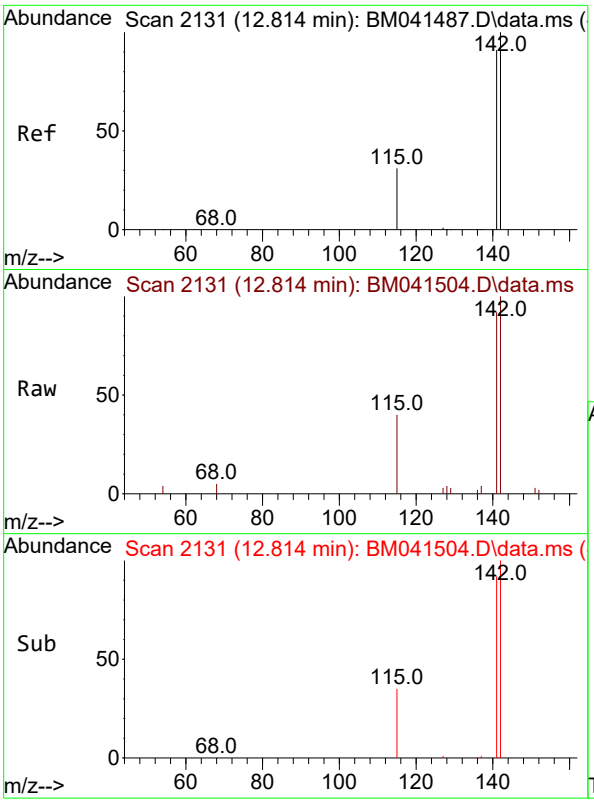


#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:142 Resp: 18098

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7



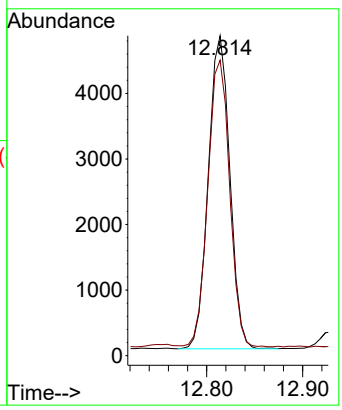


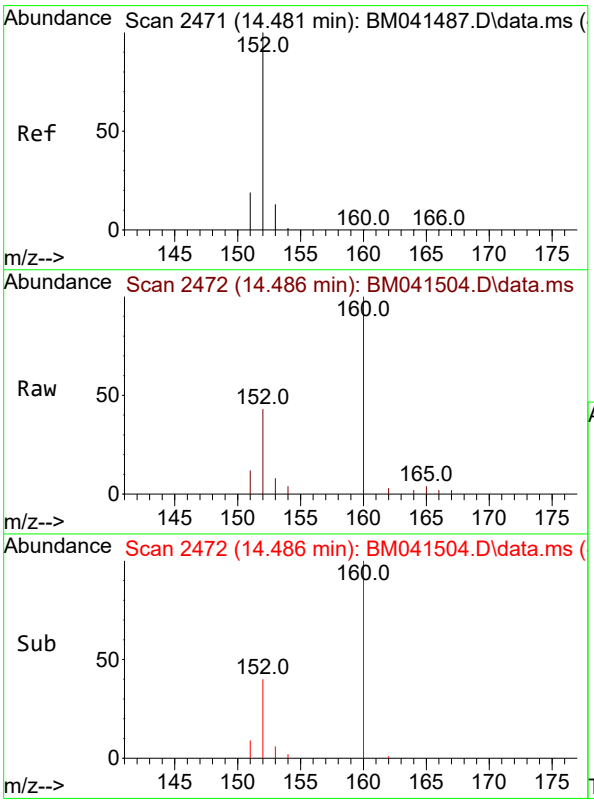
#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.814 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:142 Resp: 7447

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.2

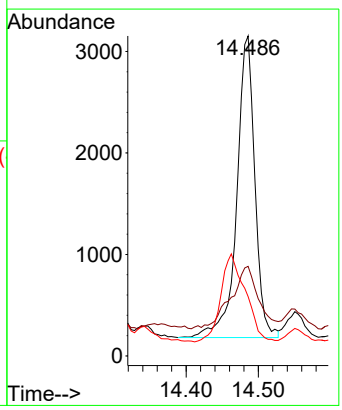


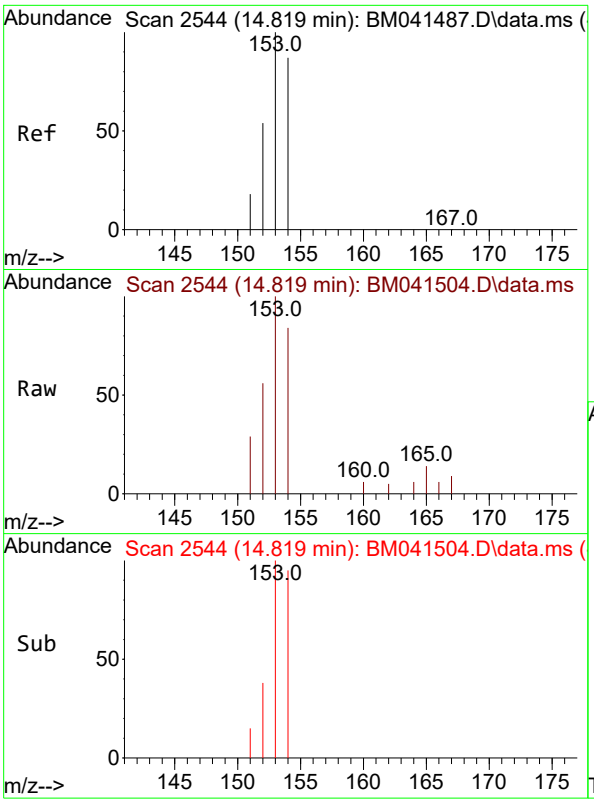


#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:152 Resp: 5162

Ion	Ratio	Lower	Upper
152	100		
151	28.0	15.8	23.6#
153	18.5	10.6	15.8#



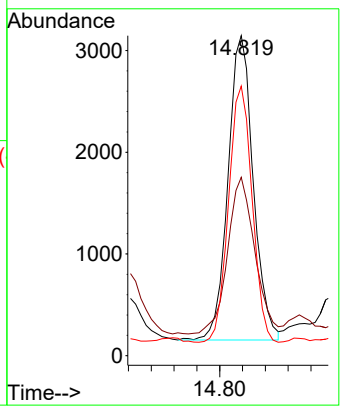


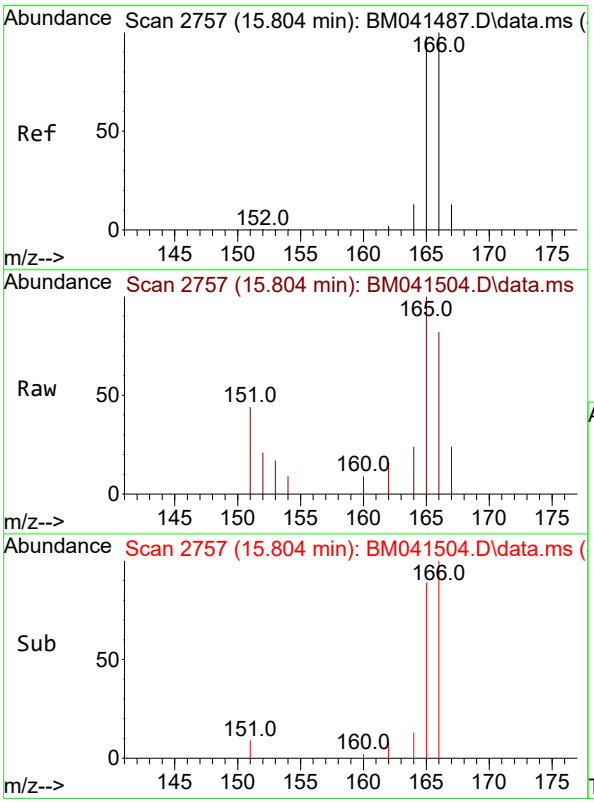
#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:153 Resp: 4584

Ion	Ratio	Lower	Upper
153	100		
152	55.8	42.9	64.3
154	84.3	68.9	103.3

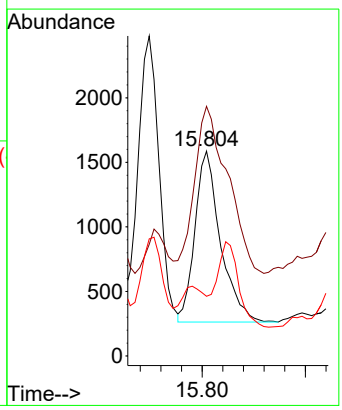


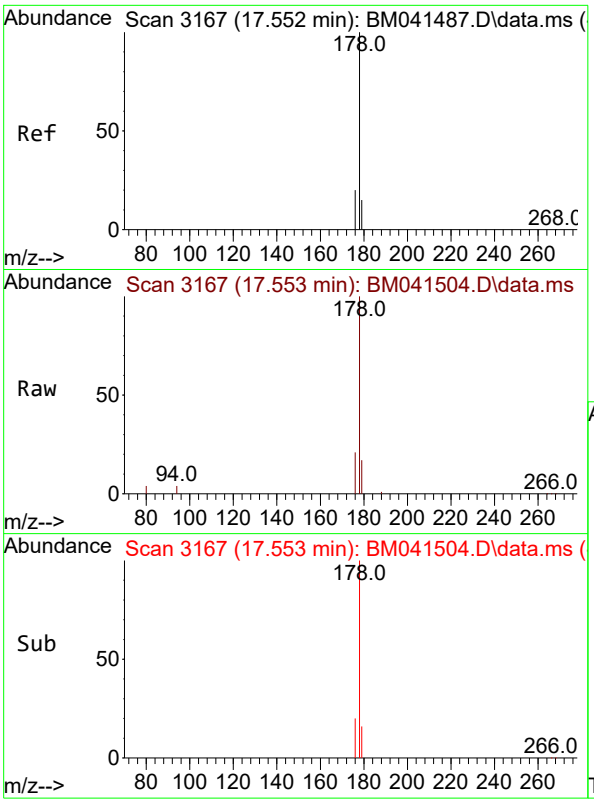


#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.804 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:166 Resp: 2270

Ion	Ratio	Lower	Upper
166	100		
165	121.9	79.4	119.2#
167	29.2	11.0	16.6#



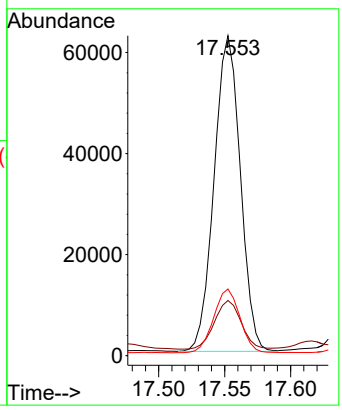


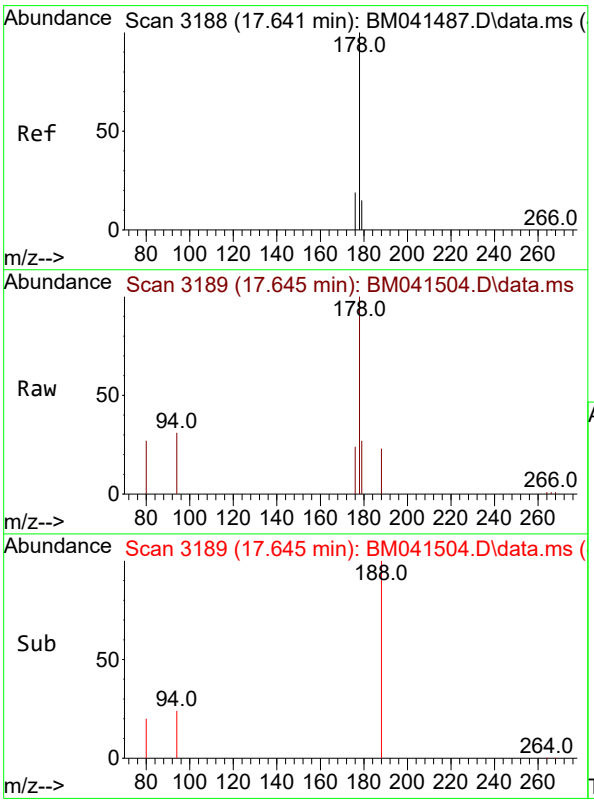
#15
Phenanthrene
Concen: 0.601 ng/ul
RT: 17.553 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:178 Resp: 86413

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.5	18.7
176	20.8	15.8	23.8

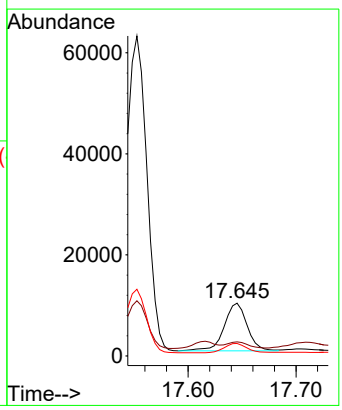


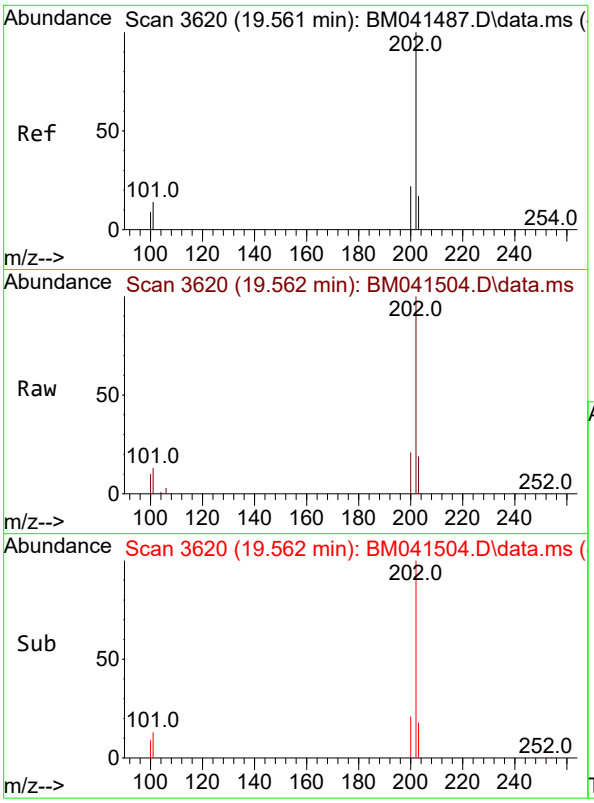


#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.645 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:178 Resp: 14046

Ion	Ratio	Lower	Upper
178	100		
179	26.7	12.6	18.8#
176	23.5	15.5	23.3#



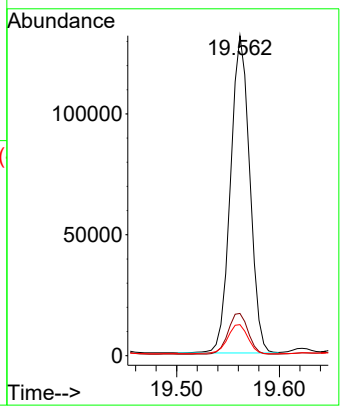


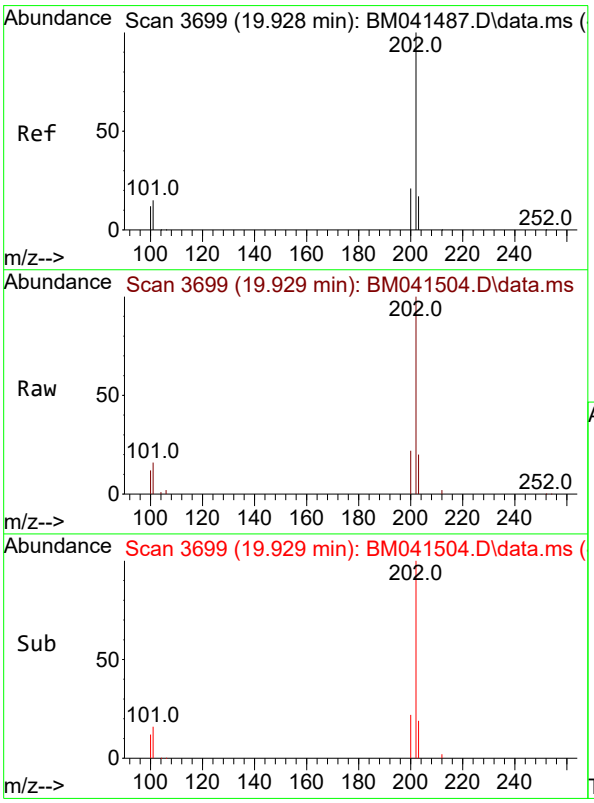
#19
Fluoranthene
Concen: 1.329 ng/ul
RT: 19.562 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:202 Resp: 170557

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.6
100	9.7	7.9	11.9

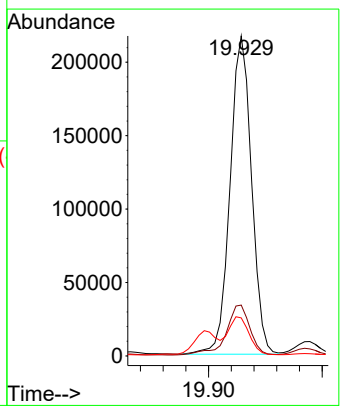


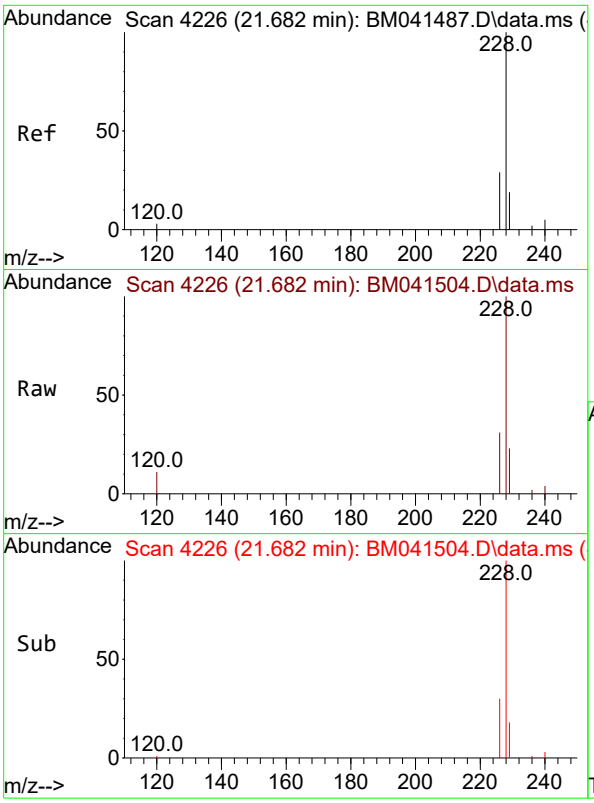


#20
Pyrene
Concen: 2.197 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:202 Resp: 284284

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.2	18.2
100	11.9	9.8	14.8



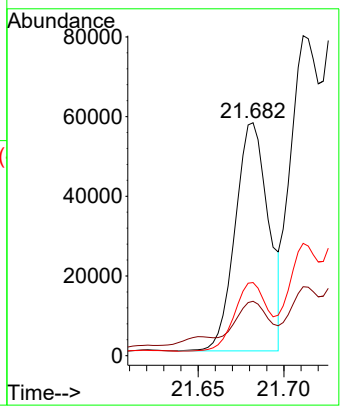


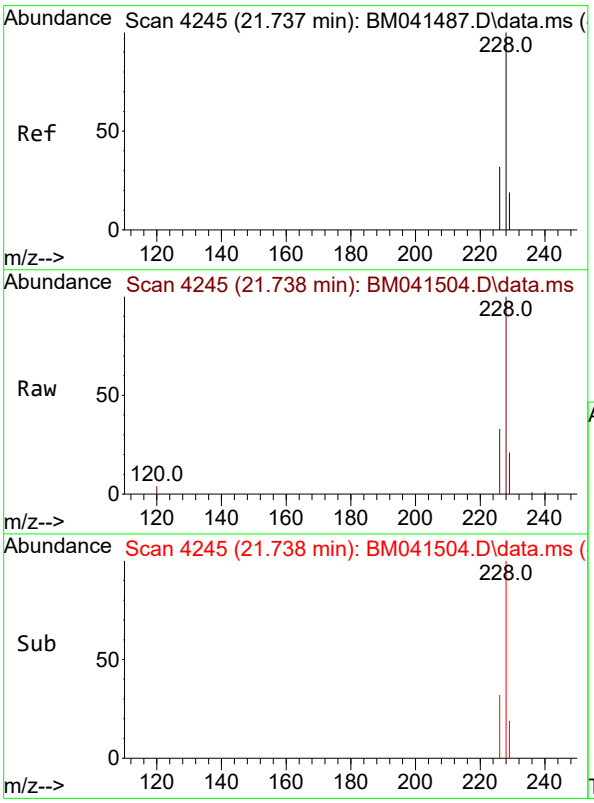
#21
Benzo(a)anthracene
Concen: 0.850 ng/ul
RT: 21.682 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:228 Resp: 77306

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.3	22.9#
226	31.4	22.7	34.1

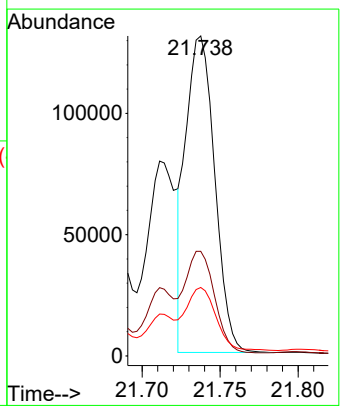


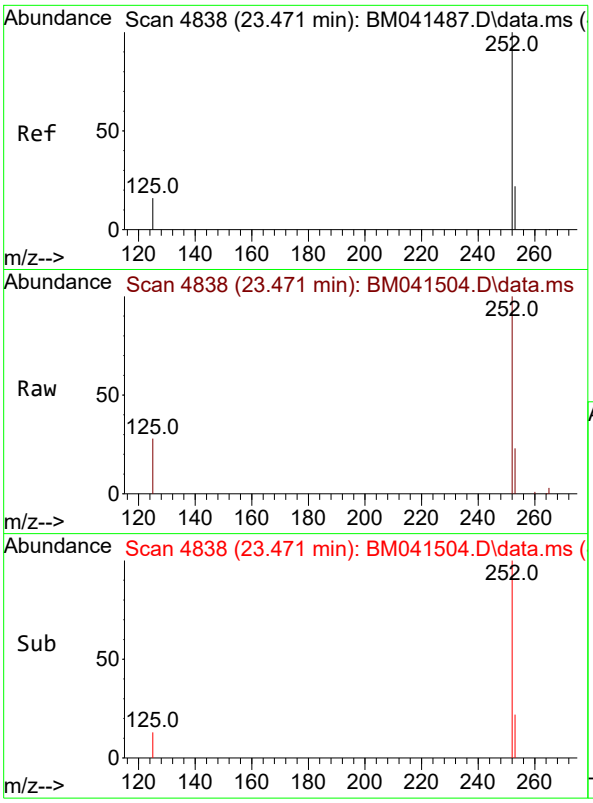


#22
Chrysene
Concen: 1.706 ng/ul
RT: 21.738 min Scan# 4245
Delta R.T. -0.006 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:228 Resp: 167672

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.6	38.4
229	21.4	15.7	23.5



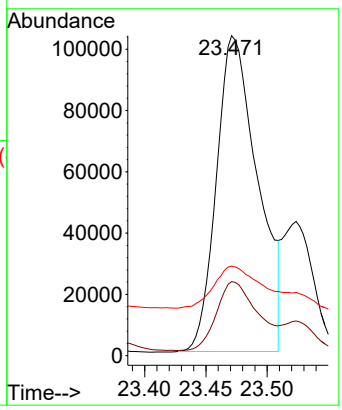


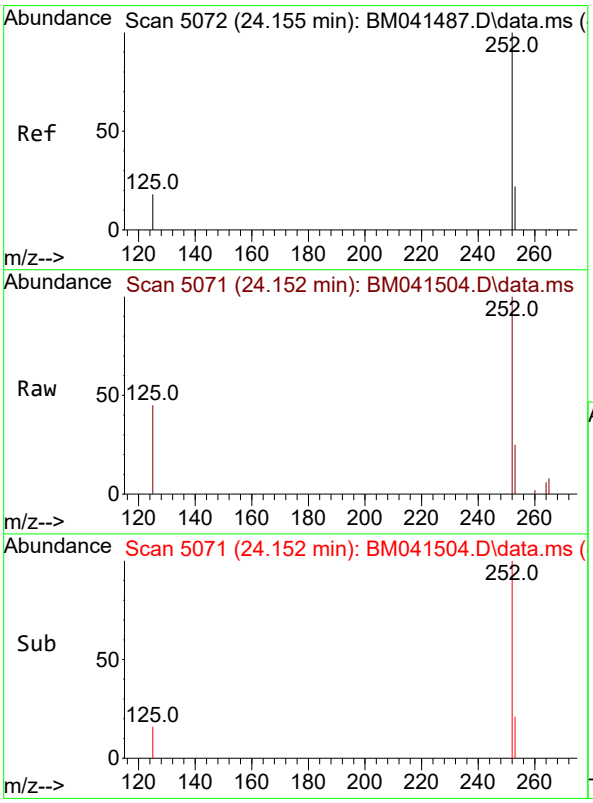
#24
Benzo(b)fluoranthene
Concen: 2.294 ng/ul
RT: 23.471 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:252 Resp: 242107

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.8
125	28.0	0.0	32.8

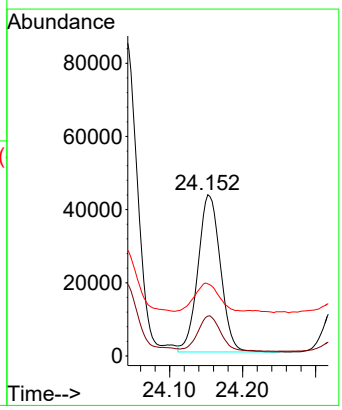


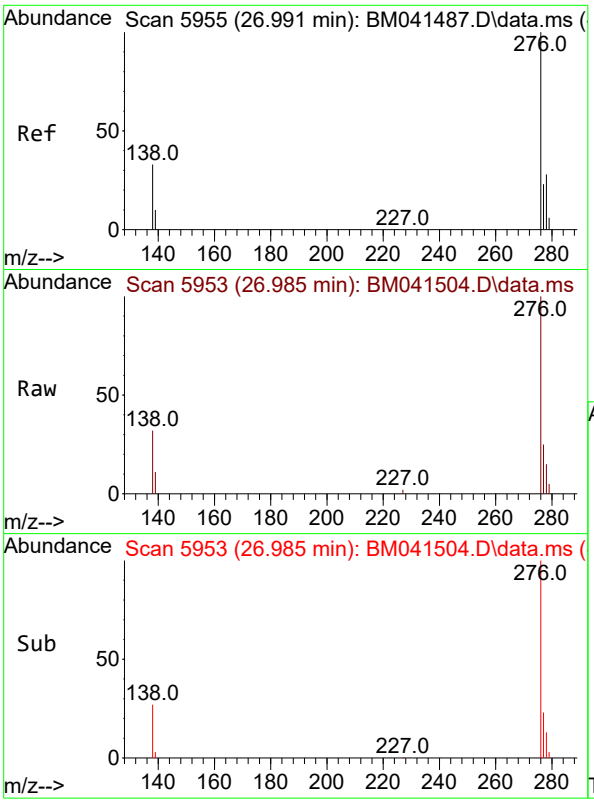


#26
Benzo(a)pyrene
Concen: 1.058 ng/ul
RT: 24.152 min Scan# 5071
Delta R.T. -0.012 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:252 Resp: 91711

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.5	29.3
125	44.7	16.0	24.0#



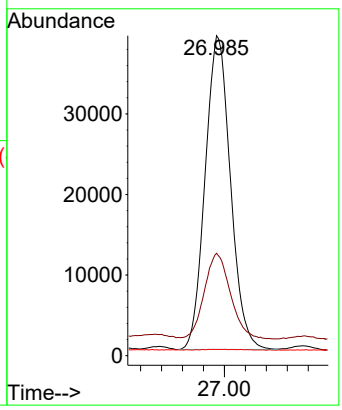


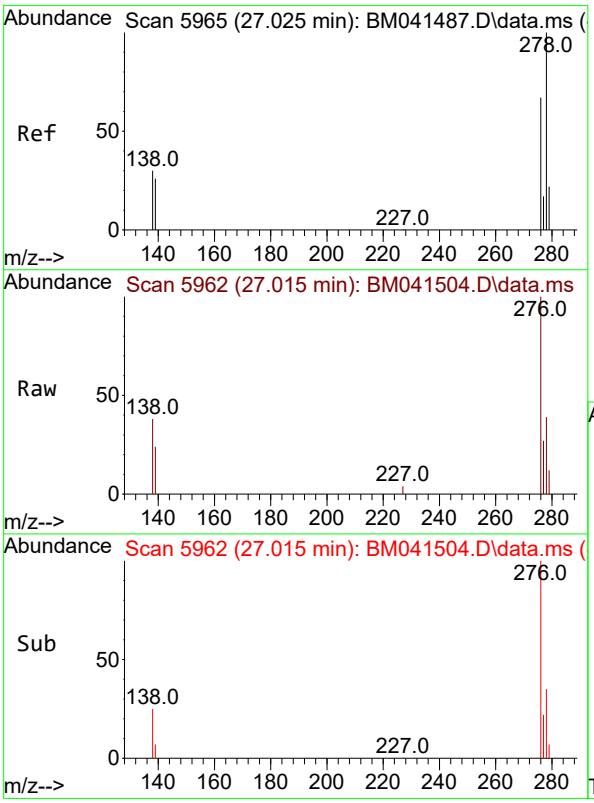
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.202 ng/ul
RT: 26.985 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:276 Resp: 130263

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
227	0.2	0.0	0.0#

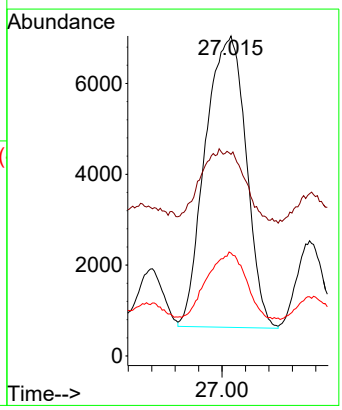


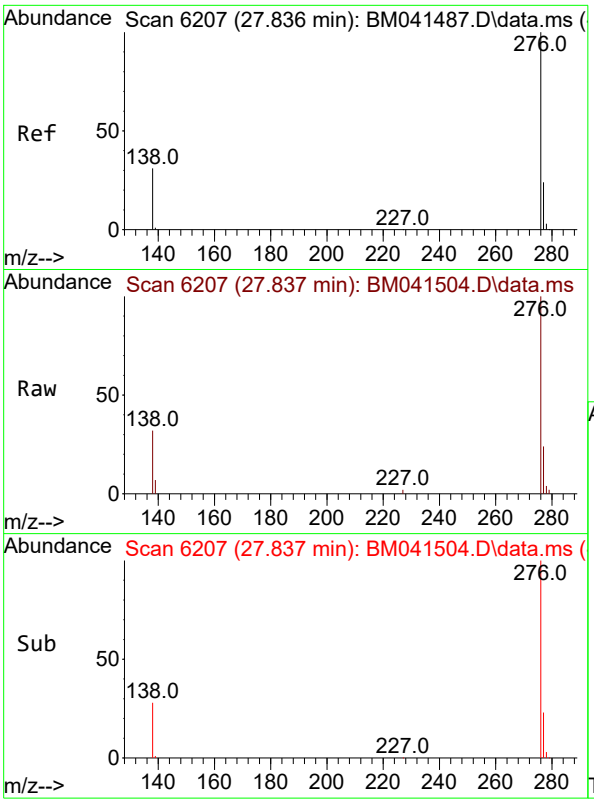


#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 27.015 min Scan# 5962
Delta R.T. -0.030 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:278 Resp: 30953

Ion	Ratio	Lower	Upper
278	100		
139	63.0	21.9	32.9#
279	32.1	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 1.598 ng/ul
RT: 27.837 min Scan# 6
Delta R.T. -0.016 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Instrument :
BNA_P
ClientSampleId :
EZYE2

Tgt Ion:276 Resp: 152492

Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.9	38.9
277	24.2	19.4	29.2