Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041624.D
Acq On : 31 Aug 2023 20:34
Operator : MA/JU
Sample : 04159-17
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHL7

Quant Time: Sep 01 02:10:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	6044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	14100	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.745	164	7568	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.498	188	14959	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.679	240	7408	0.400	ng/ul	-0.01
23) Perylene-d12	24.234	264	7344	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	39629	4.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5402	0.318	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	11327	0.310	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	259	0.027	ng/ul#	1
5) Naphthalene	10.988	128	118347	2.625	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	3274	0.128	ng/ul	96
8) 1-Methylnaphthalene	12.803	142	18073	0.699	ng/ul	95
10) Acenaphthylene	14.472	152	71207	1.350	ng/ul#	92
11) Acenaphthene	14.814	153	4633169	127.329	ng/ul	94
12) Fluorene	15.795	166	1536086	38.783	ng/ul	96
15) Phenanthrene	17.633	178	323666	4.955	ng/ul	99
16) Anthracene	17.633	178	323666	5.702	ng/ul	98
19) Fluoranthene	19.548	202	1094316	11.263	ng/ul	99
20) Pyrene	19.915	202	608199	6.223	ng/ul	98
21) Benzo(a)anthracene	21.662	228	18720	0.283	ng/ul	95
22) Chrysene	21.717	228	5724	0.081	ng/ul#	82
24) Benzo(b)fluoranthene	23.442	252	2357	0.035	ng/ul#	17
26) Benzo(a)pyrene	24.070	252	6085	0.100	ng/ul#	48

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

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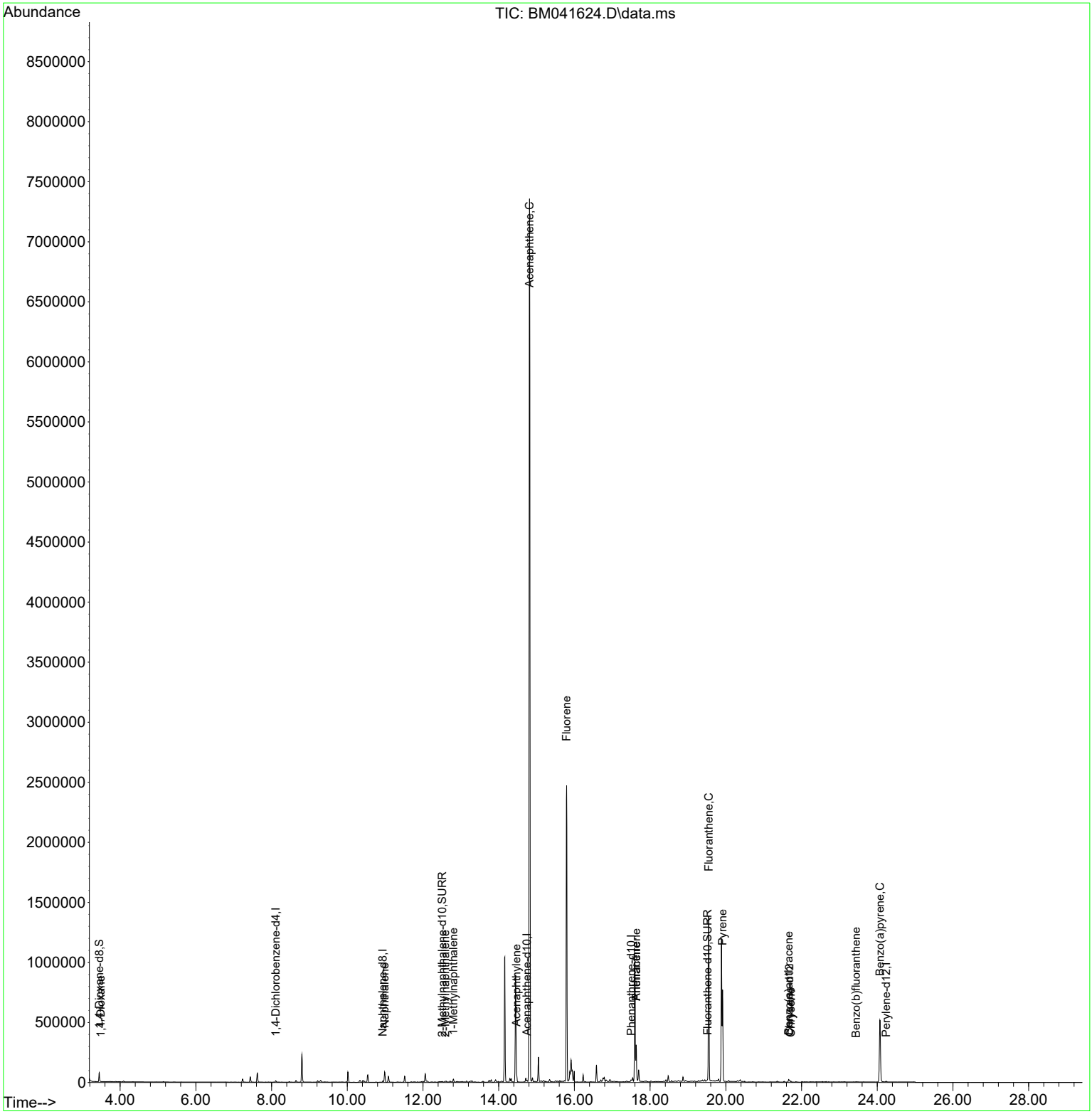
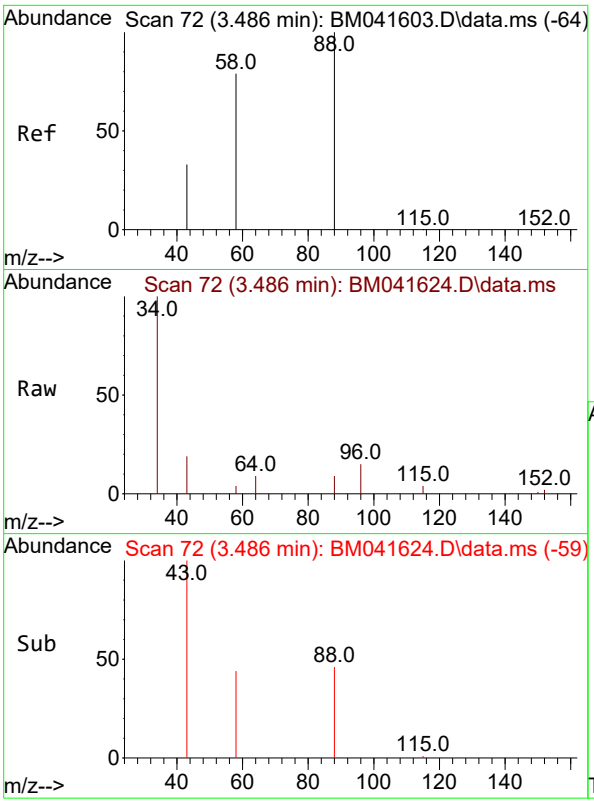


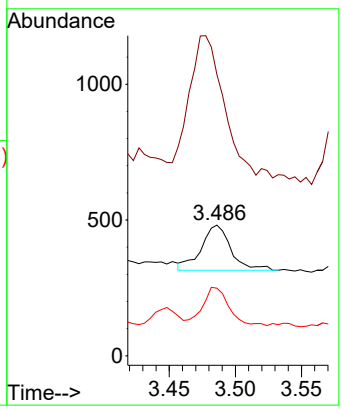


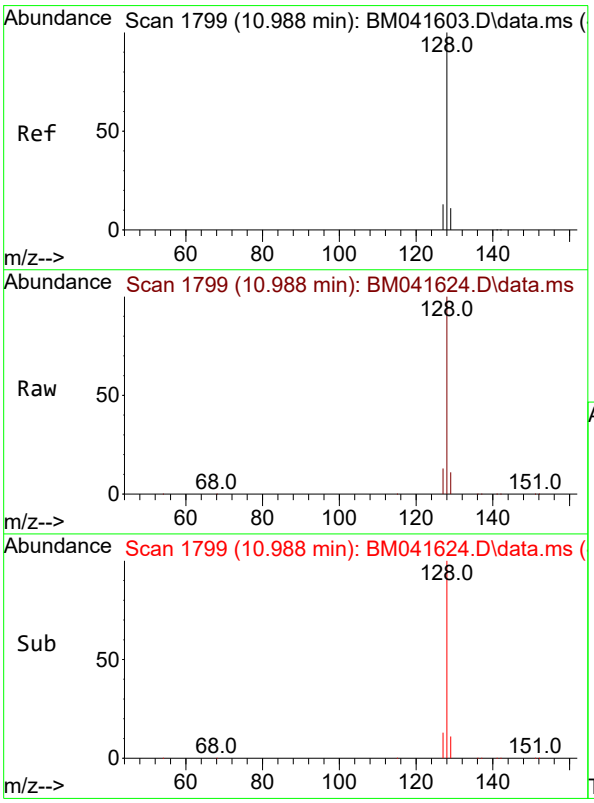
#2
1,4-Dioxane
Concen: 0.027 ng/ul
RT: 3.486 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion: 88 Resp: 259

Ion	Ratio	Lower	Upper
88	100		
43	215.4	46.2	69.2#
58	51.8	58.1	87.1#

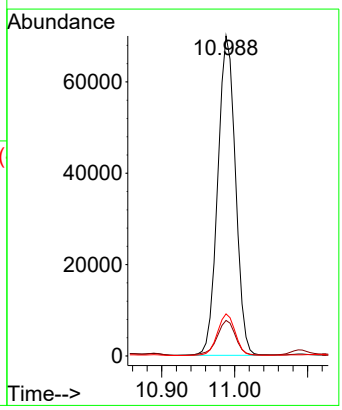


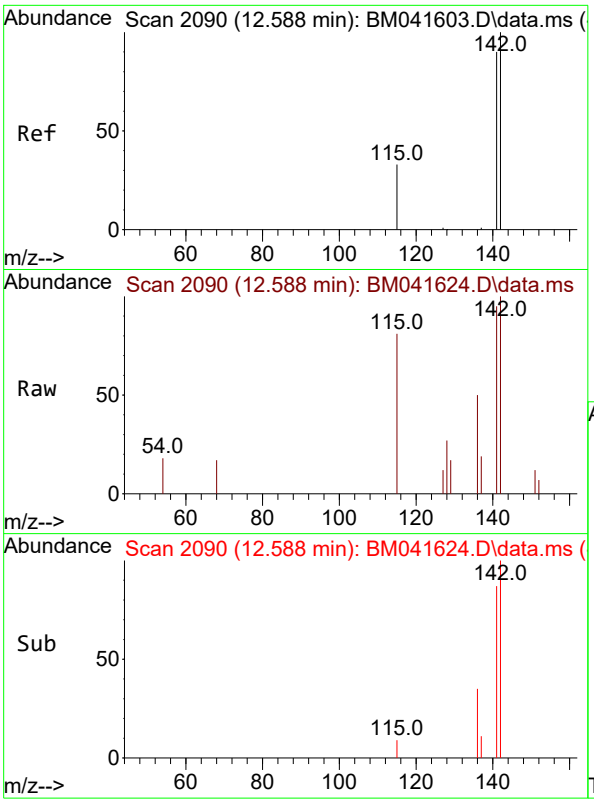


#5
Naphthalene
Concen: 2.625 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:128 Resp: 118347

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.1	10.6	15.8



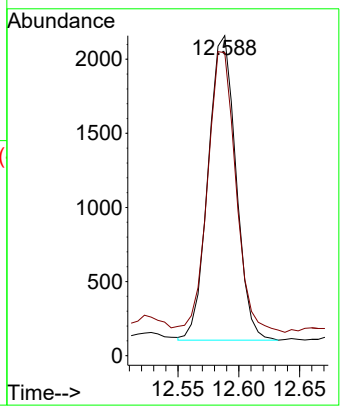


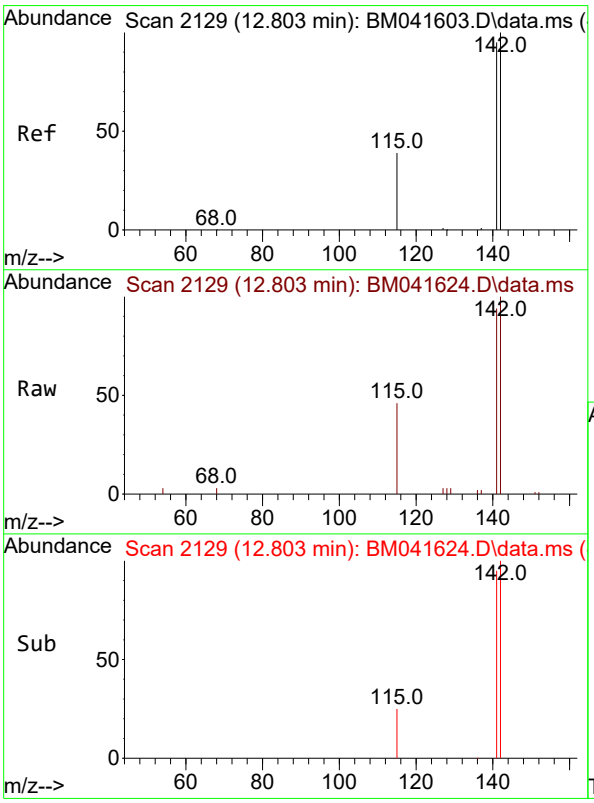
#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.588 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:142 Resp: 3274

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.8	107.8

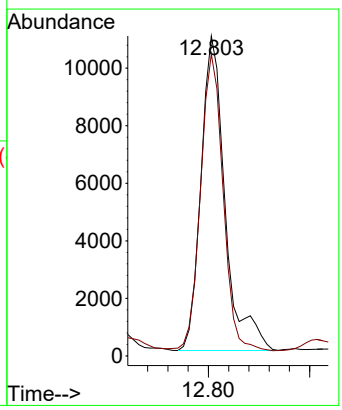


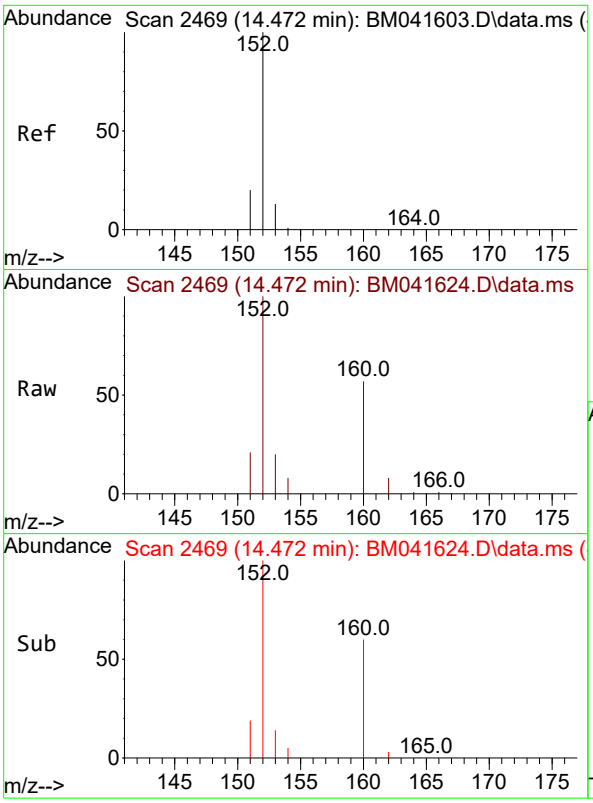


#8
1-Methylnaphthalene
Concen: 0.699 ng/ul
RT: 12.803 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:142 Resp: 18073

Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.2	111.2



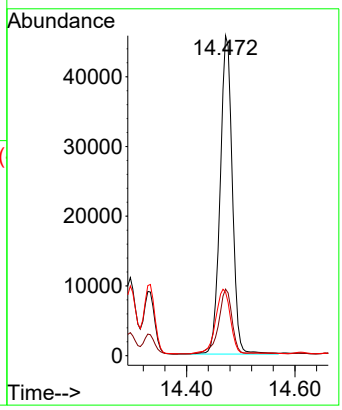


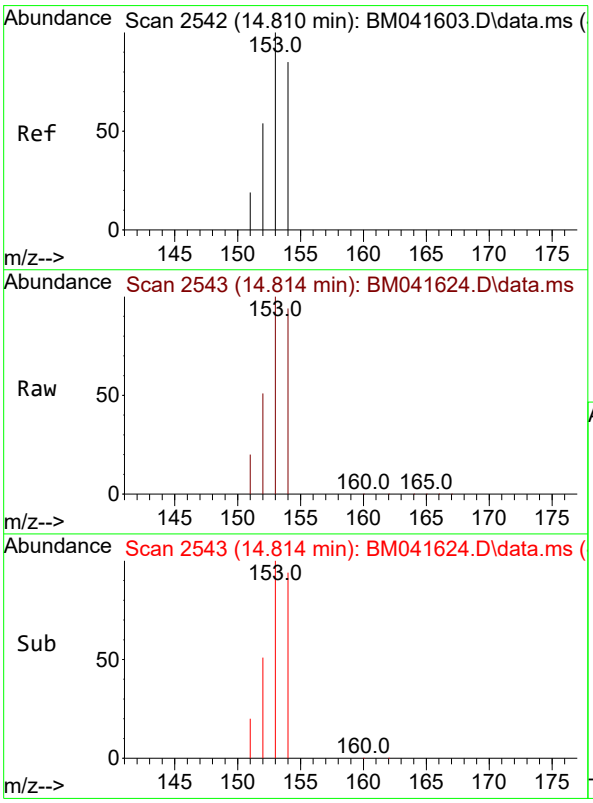
#10
Acenaphthylene
Concen: 1.350 ng/ul
RT: 14.472 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:152 Resp: 71207

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	19.9	10.6	15.8#

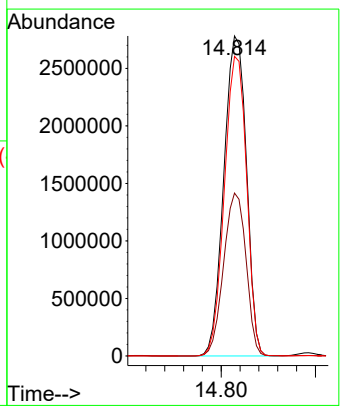


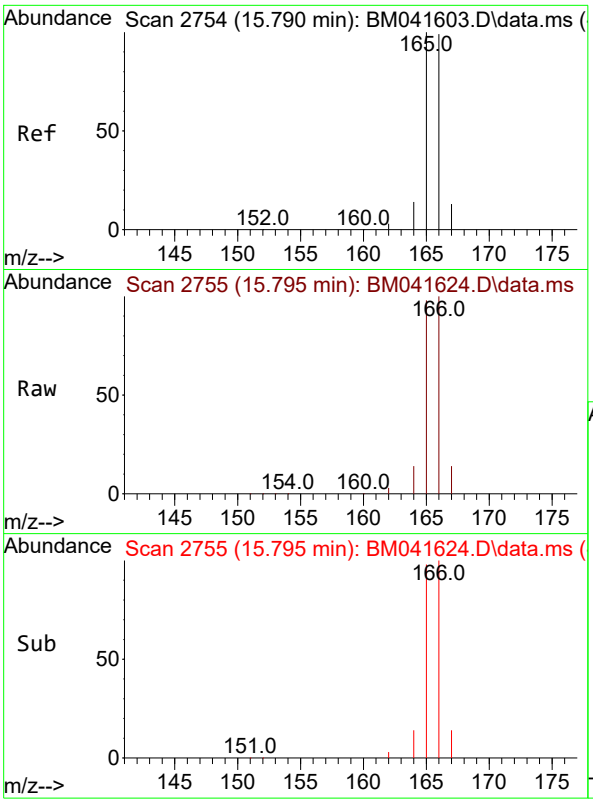


#11
Acenaphthene
Concen: 127.329 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.004 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:153 Resp: 4633169

Ion	Ratio	Lower	Upper
153	100		
152	50.9	43.4	65.2
154	93.6	70.2	105.2



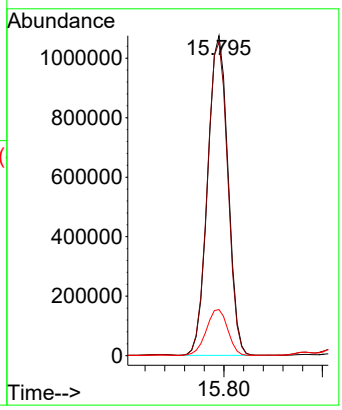


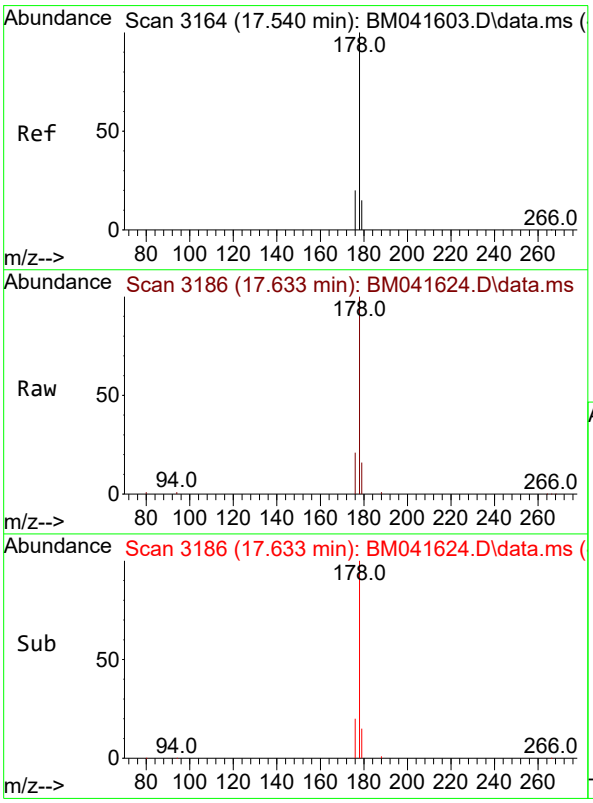
#12
Fluorene
Concen: 38.783 ng/ul
RT: 15.795 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:166 Resp: 1536086

Ion	Ratio	Lower	Upper
166	100		
165	98.0	82.2	123.2
167	14.4	11.5	17.3

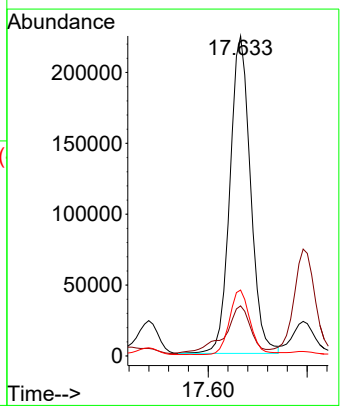


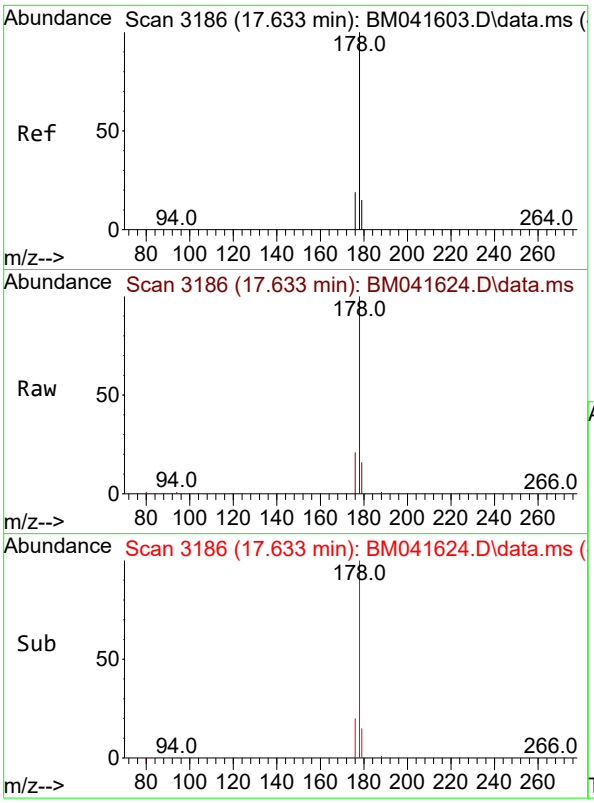


#15
Phenanthrene
Concen: 4.955 ng/ul
RT: 17.633 min Scan# 3186
Delta R.T. 0.085 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:178 Resp: 323666

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.6	16.2	24.4



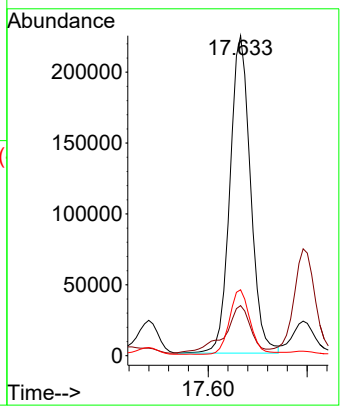


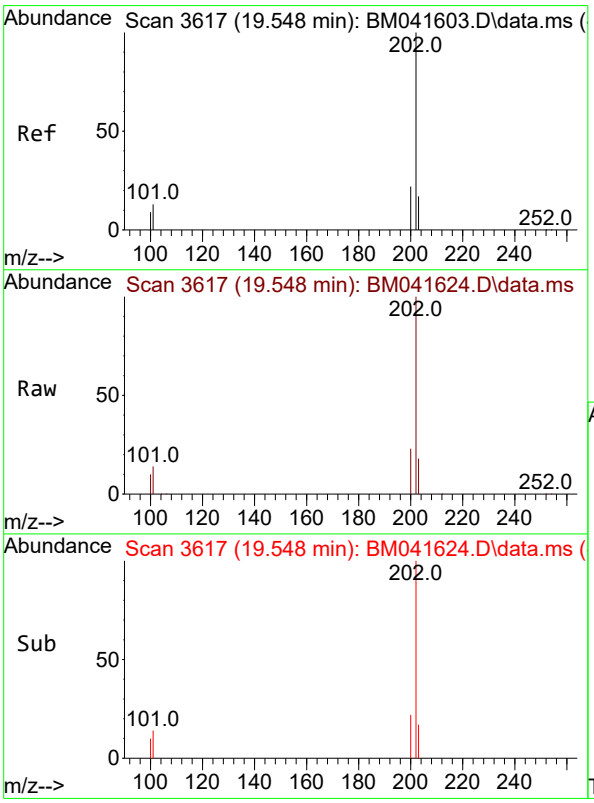
#16
Anthracene
Concen: 5.702 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:178 Resp: 323666

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	20.6	15.6	23.4

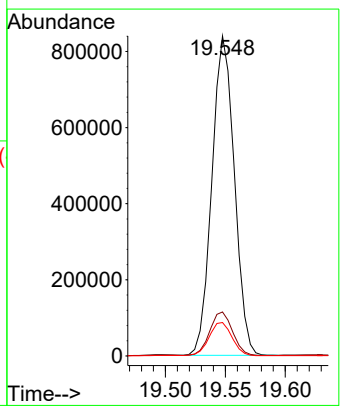


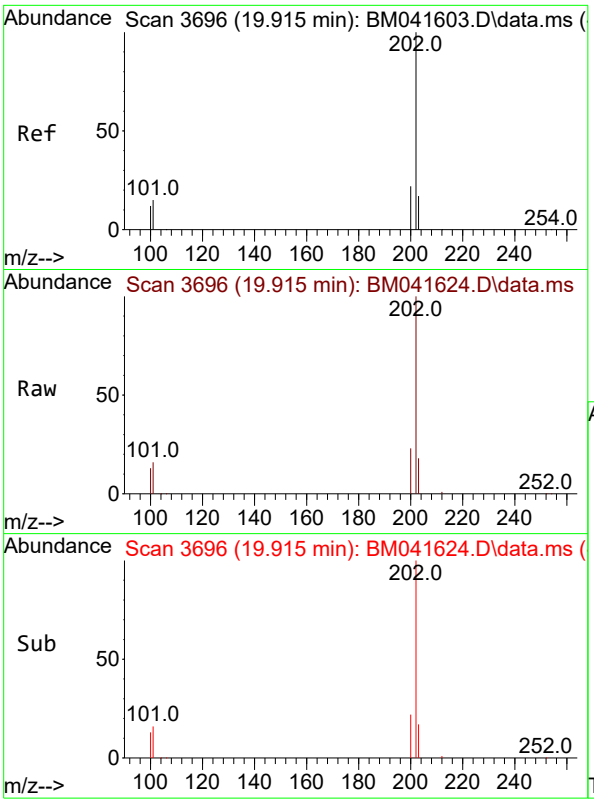


#19
Fluoranthene
Concen: 11.263 ng/ul
RT: 19.548 min Scan# 3617
Delta R.T. -0.009 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:202 Resp: 1094316

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.7	16.1
100	10.4	8.1	12.1



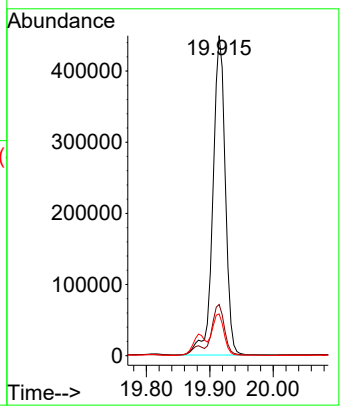


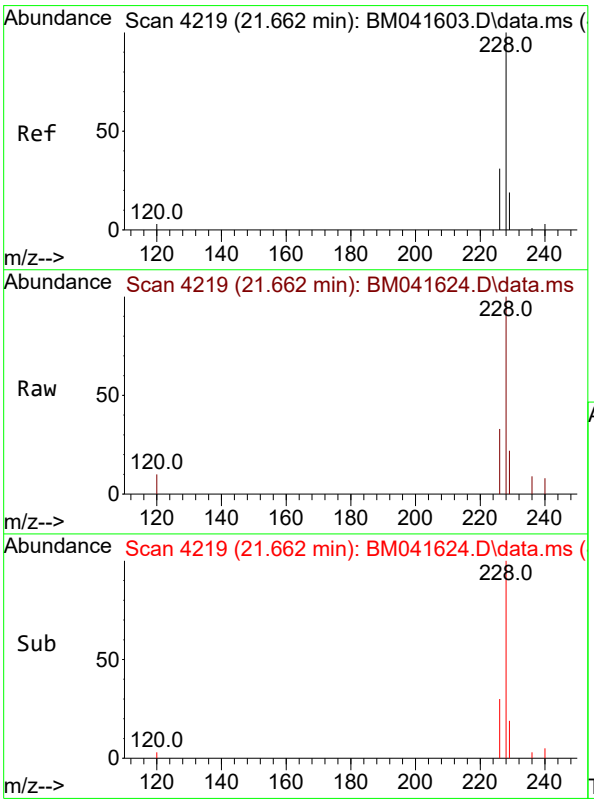
#20
Pyrene
Concen: 6.223 ng/ul
RT: 19.915 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:202 Resp: 608199

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.2	18.4
100	13.0	9.8	14.8

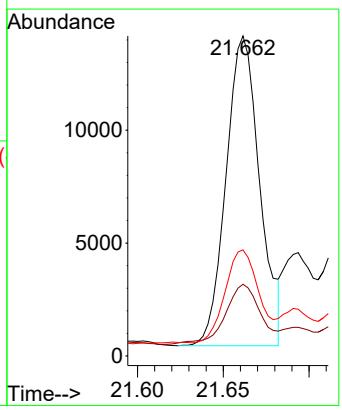


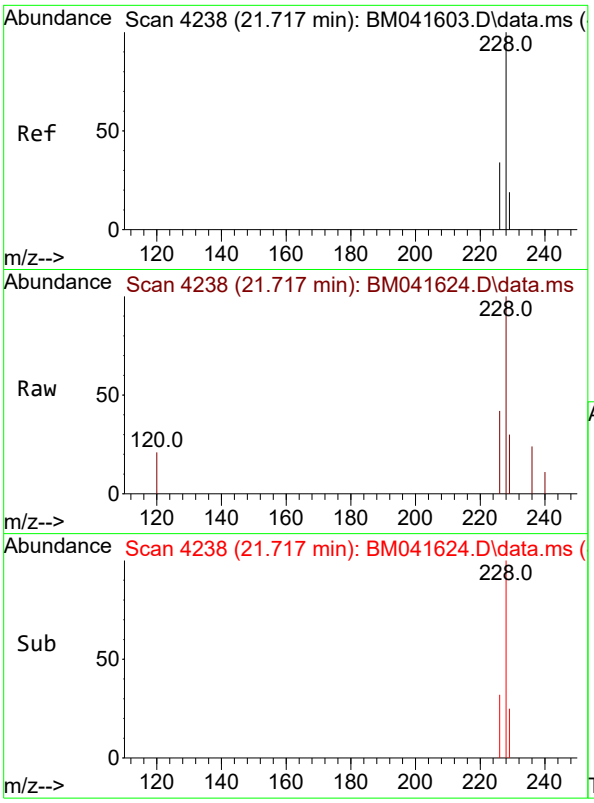


#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.662 min Scan# 4219
Delta R.T. -0.009 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:228 Resp: 18720

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	33.2	25.0	37.4



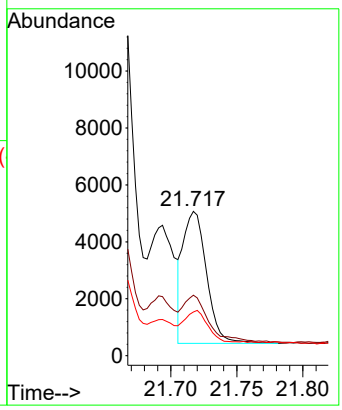


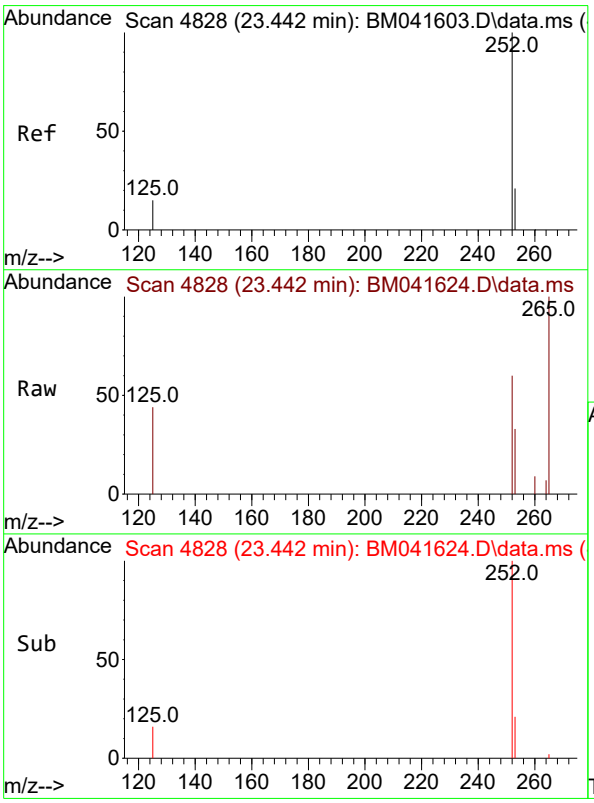
#22
Chrysene
Concen: 0.081 ng/ul
RT: 21.717 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:228 Resp: 5724

Ion	Ratio	Lower	Upper
228	100		
226	41.8	26.7	40.1#
229	30.3	15.9	23.9#

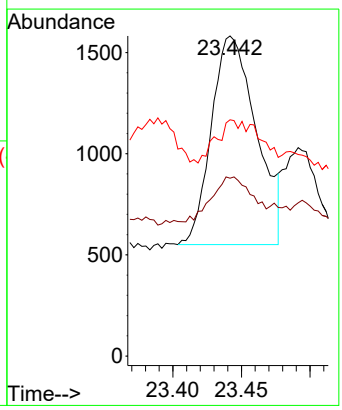


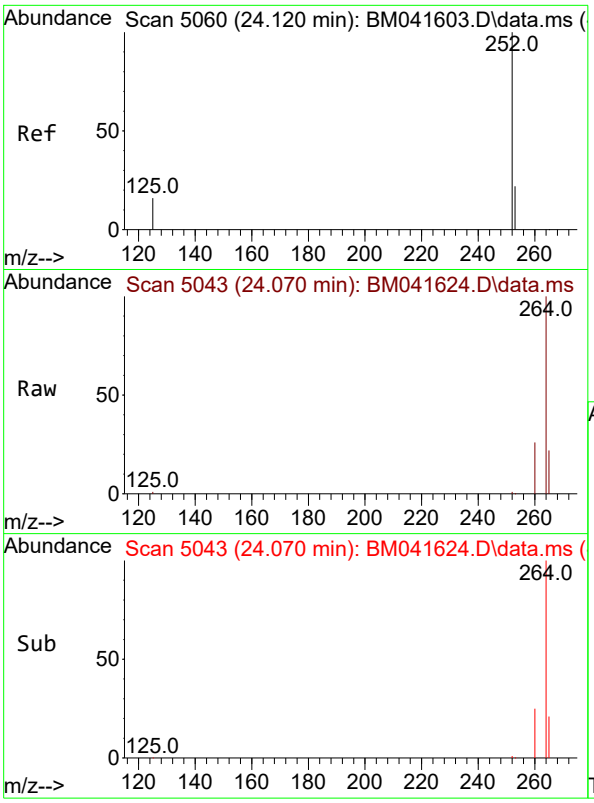


#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul
RT: 23.442 min Scan# 4828
Delta R.T. -0.017 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Tgt Ion:252 Resp: 2357

Ion	Ratio	Lower	Upper
252	100		
253	55.6	0.0	50.0#
125	73.8	0.0	44.0#





#26
Benzo(a)pyrene
Concen: 0.100 ng/ul
RT: 24.070 min Scan# 5
Delta R.T. -0.067 min
Lab File: BM041624.D
Acq: 31 Aug 2023 20:34

Instrument :
BNA_M
ClientSampleId :
DCHL7

Tgt Ion:252 Resp: 6085

Ion	Ratio	Lower	Upper
252	100		
253	45.6	20.9	31.3#
125	60.3	21.1	31.7#