Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044899.D
Acq On : 03 Apr 2024 20:02
Operator : MA/JU
Sample : SSTD0.818
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Quant Time: Apr 03 23:27:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:24:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	1911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.435	136	5769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.303	164	3042	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.065	188	6649	0.400	ng/ul	0.00
17) Chrysene-d12	21.271	240	6352	0.400	ng/ul	0.00
23) Perylene-d12	23.507	264	7809	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1980	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	6348	0.766	ng/ul	-0.02
18) Fluoranthene-d10	19.104	212	13093	0.587	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	2022	0.790	ng/ul#	89
5) Naphthalene	10.484	128	12175	0.750	ng/ul	95
7) 2-Methylnaphthalene	12.112	142	7505	0.731	ng/ul	98
8) 1-Methylnaphthalene	12.327	142	8049	0.776	ng/ul	100
10) Acenaphthylene	14.021	152	12094	0.783	ng/ul	98
11) Acenaphthene	14.363	153	8715	0.781	ng/ul	99
12) Fluorene	15.367	166	9663	0.758	ng/ul	99
14) Pentachlorophenol	16.731	266	1184	0.738	ng/ul	97
15) Phenanthrene	17.107	178	14956	0.749	ng/ul	98
16) Anthracene	17.204	178	14468	0.772	ng/ul	100
19) Fluoranthene	19.132	202	18091	0.582	ng/ul	99
20) Pyrene	19.499	202	18920	0.594	ng/ul	100
21) Benzo(a)anthracene	21.256	228	17899	0.740	ng/ul	99
22) Chrysene	21.306	228	20456	0.753	ng/ul	100
24) Benzo(b)fluoranthene	22.832	252	21921	0.735	ng/ul	93
25) Benzo(k)fluoranthene	22.878	252	24138	0.748	ng/ul	95
26) Benzo(a)pyrene	23.410	252	21035	0.777	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.752	276	29310	0.941	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.775	278	23188	0.965	ng/ul	98
29) Benzo(g,h,i)perylene	26.429	276	24880	0.910	ng/ul	99

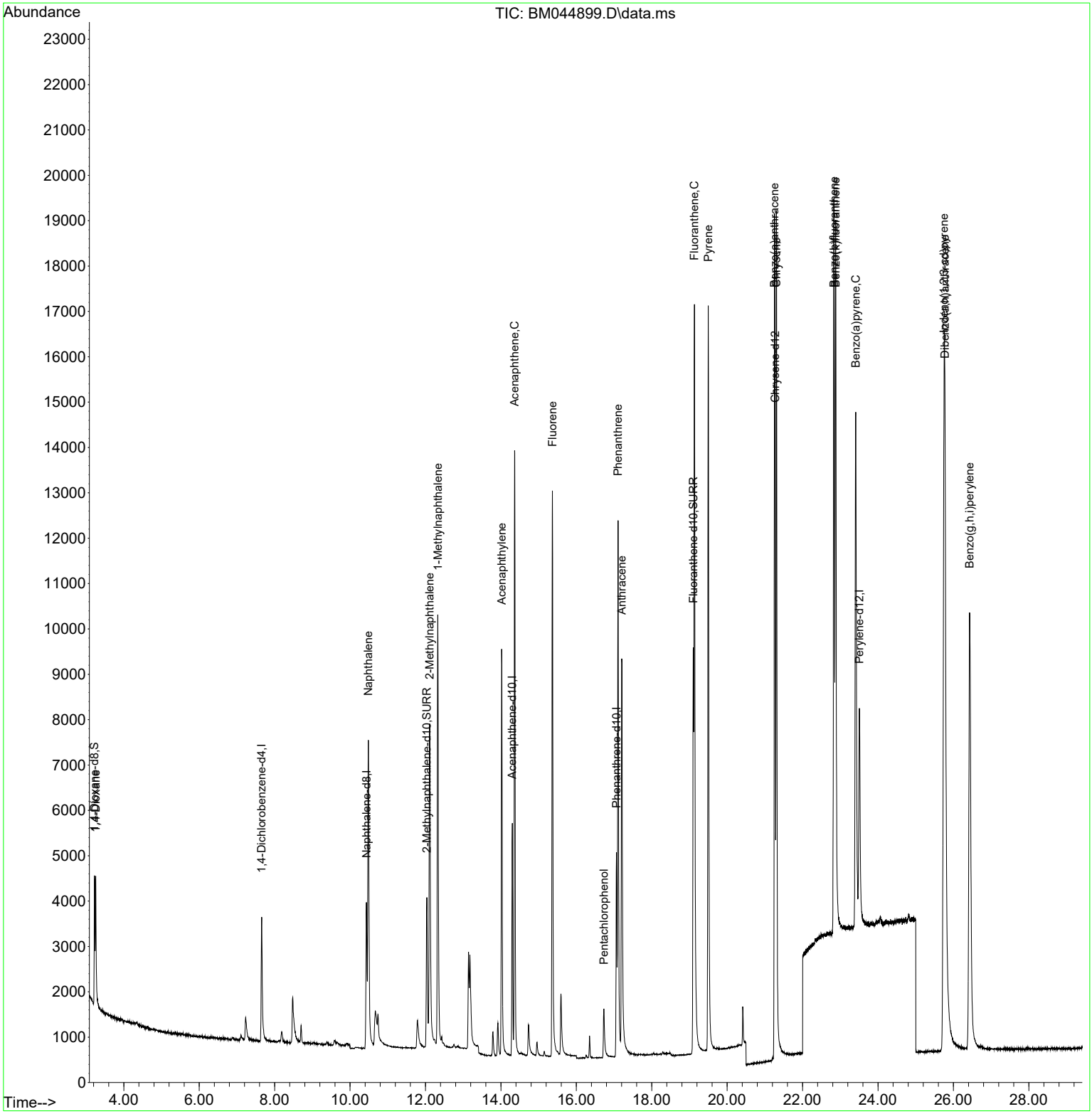
(#) = qualifier out of range (m) = manual integration (+) = signals summed

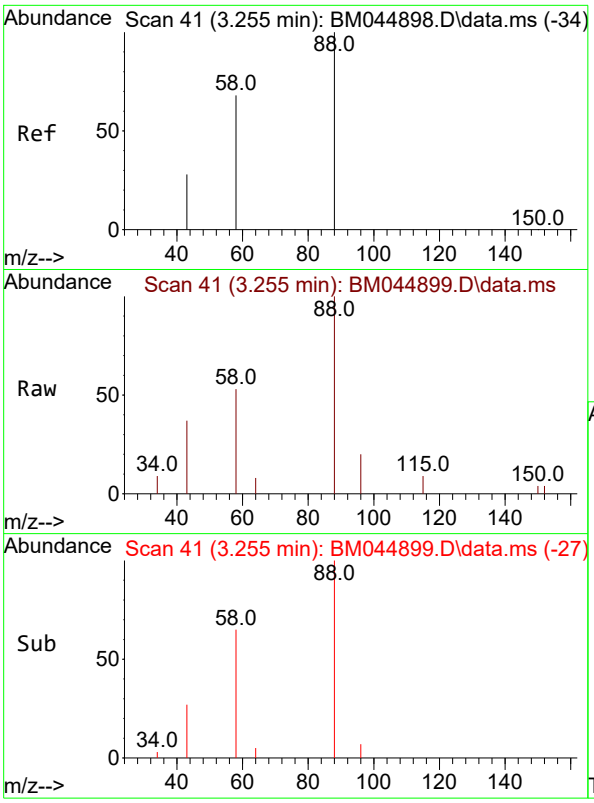
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044899.D
Acq On : 03 Apr 2024 20:02
Operator : MA/JU
Sample : SSTD0.818
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Quant Time: Apr 03 23:27:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:24:21 2024
Response via : Initial Calibration



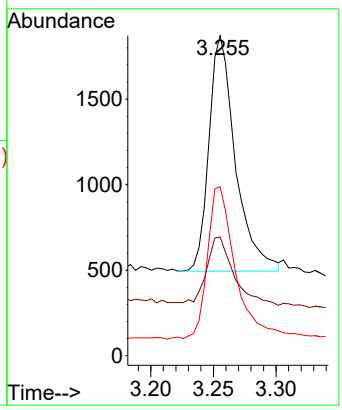


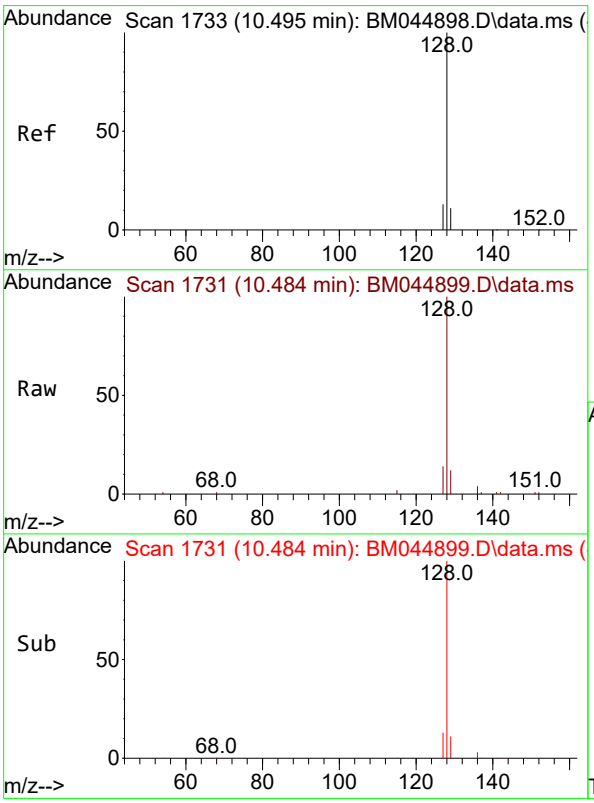
#2
1,4-Dioxane
Concen: 0.790 ng/ul
RT: 3.255 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion: 88 Resp: 2022

Ion	Ratio	Lower	Upper
88	100		
43	37.1	30.6	46.0
58	52.8	32.6	48.8#

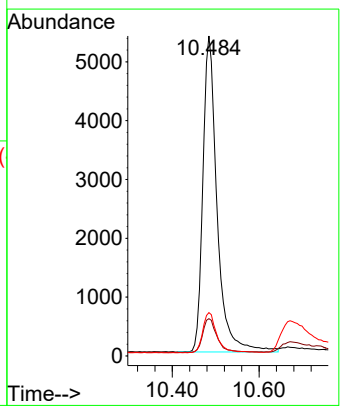


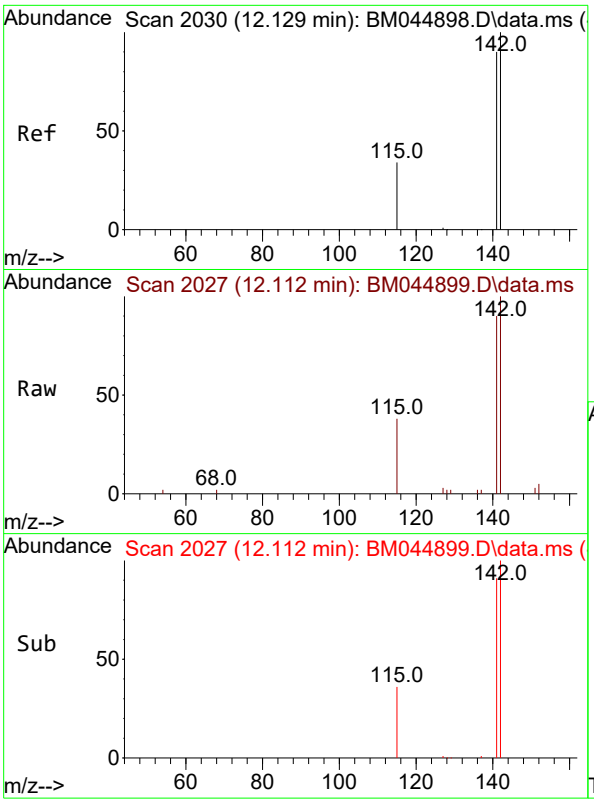


#5
Naphthalene
Concen: 0.750 ng/ul
RT: 10.484 min Scan# 1731
Delta R.T. -0.011 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:128 Resp: 12175

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	13.5	11.9	17.9



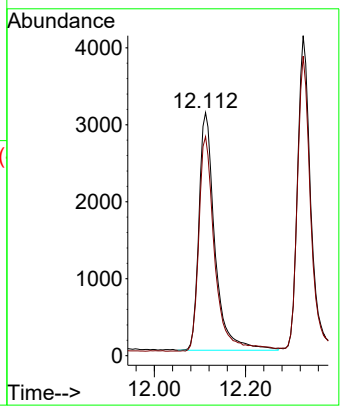


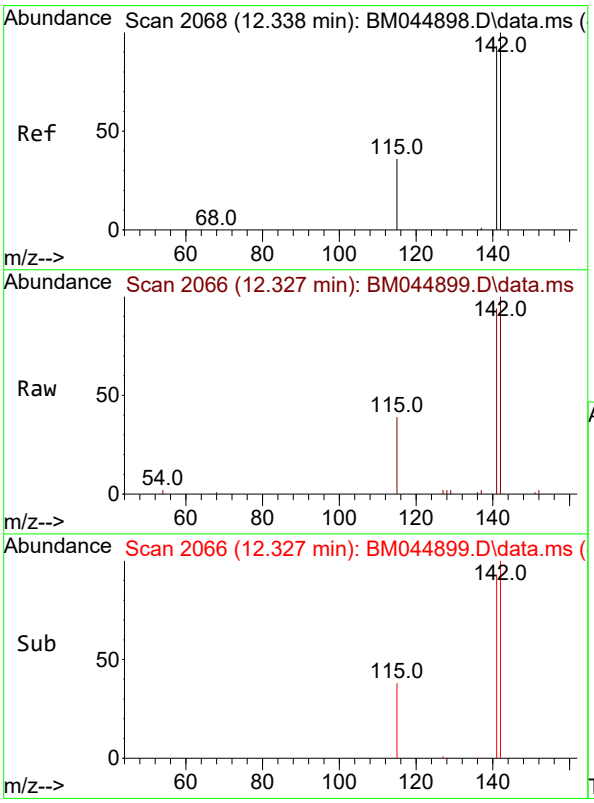
#7
2-Methylnaphthalene
Concen: 0.731 ng/ul
RT: 12.112 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:142 Resp: 7505

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.8	110.8

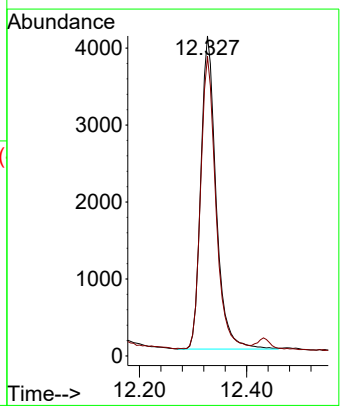


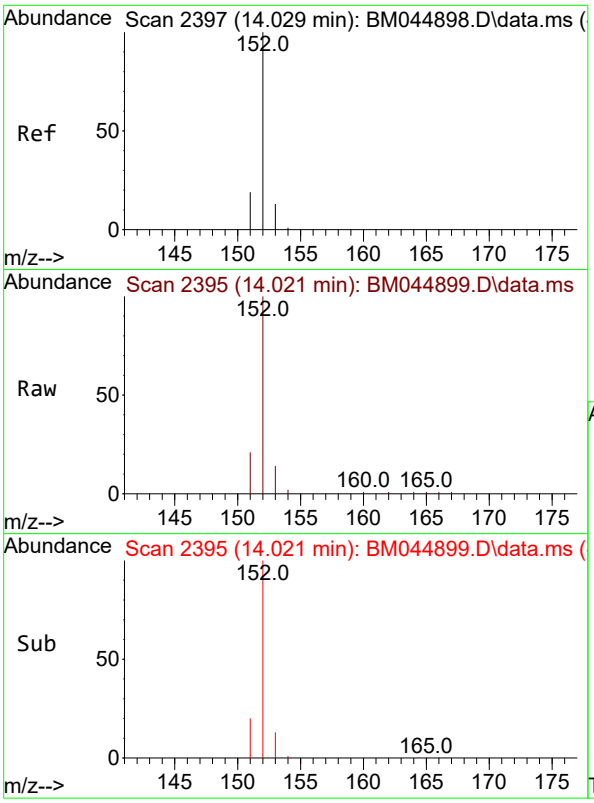


#8
1-Methylnaphthalene
Concen: 0.776 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:142 Resp: 8049

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.2



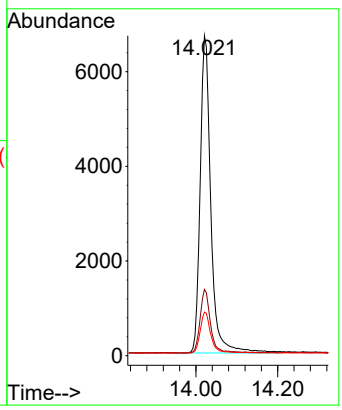


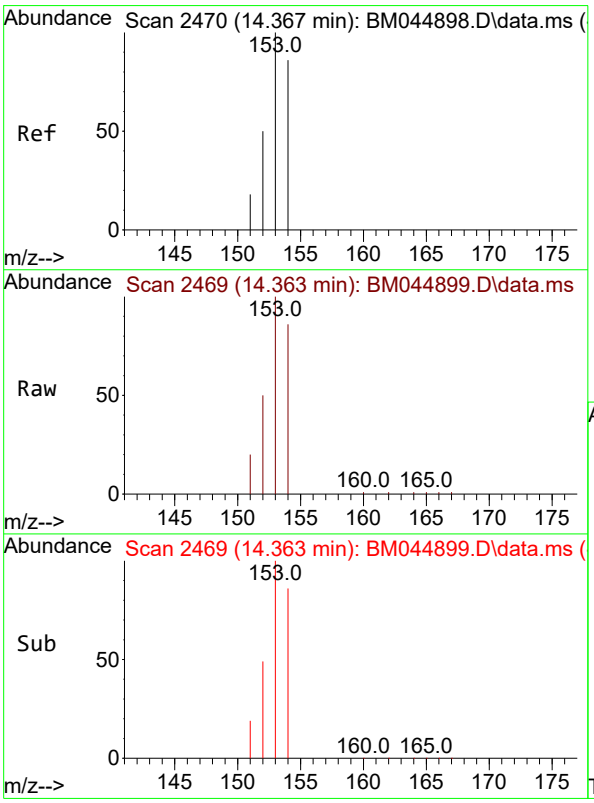
#10
Acenaphthylene
Concen: 0.783 ng/ul
RT: 14.021 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:152 Resp: 12094

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.4
153	13.6	11.9	17.9

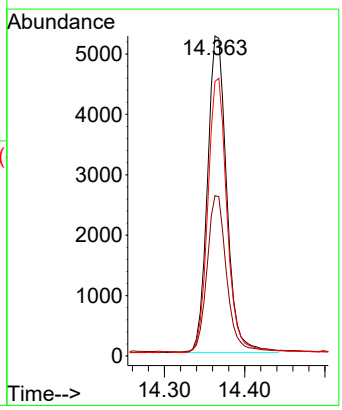


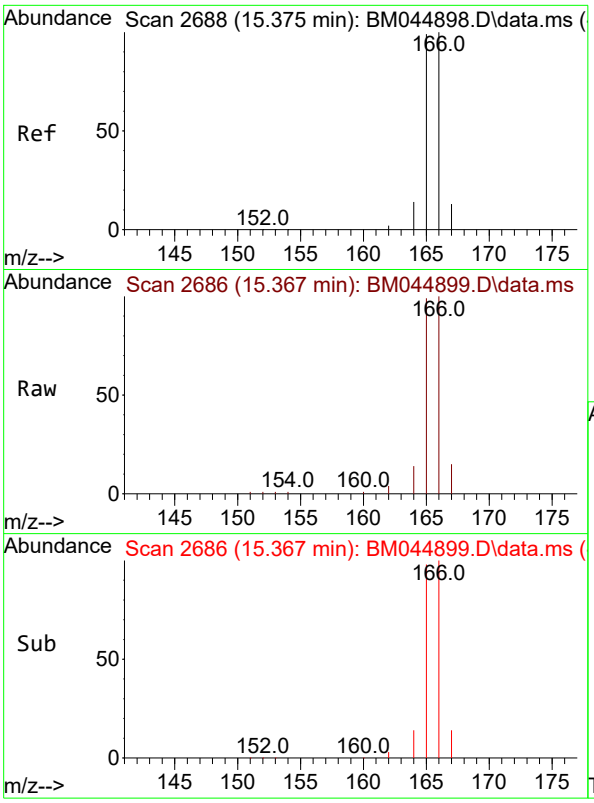


#11
Acenaphthene
Concen: 0.781 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:153 Resp: 8715

Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.2	61.8
154	85.8	69.4	104.0



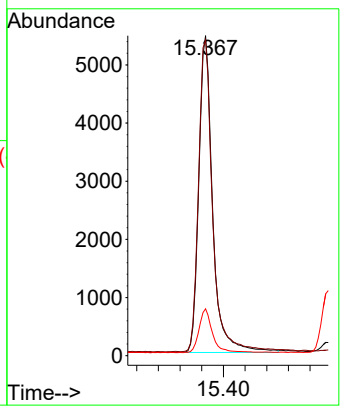


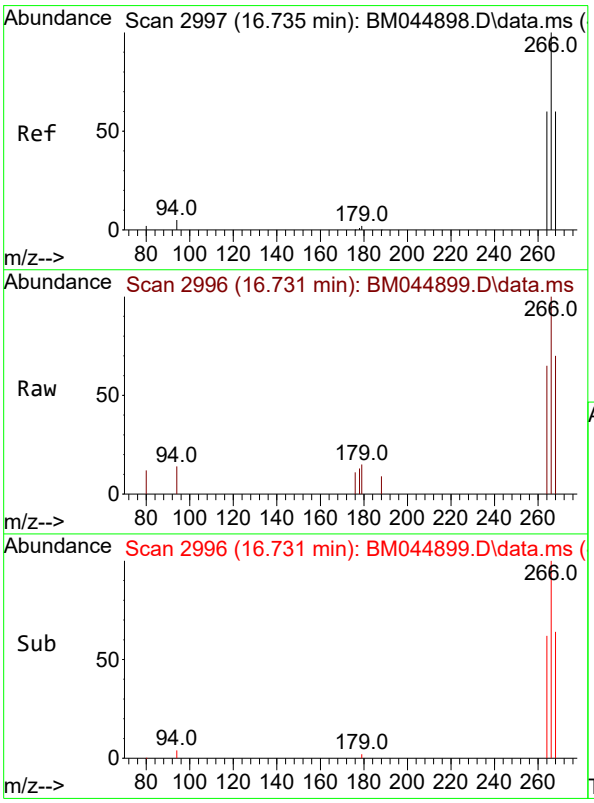
#12
Fluorene
Concen: 0.758 ng/ul
RT: 15.367 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:166 Resp: 9663

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.9	119.9
167	14.6	12.2	18.2

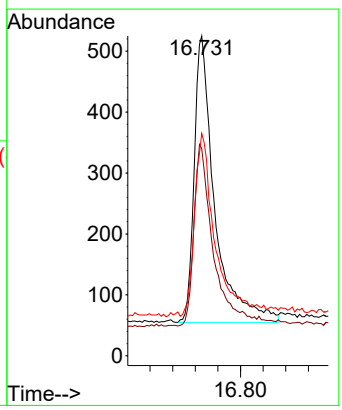


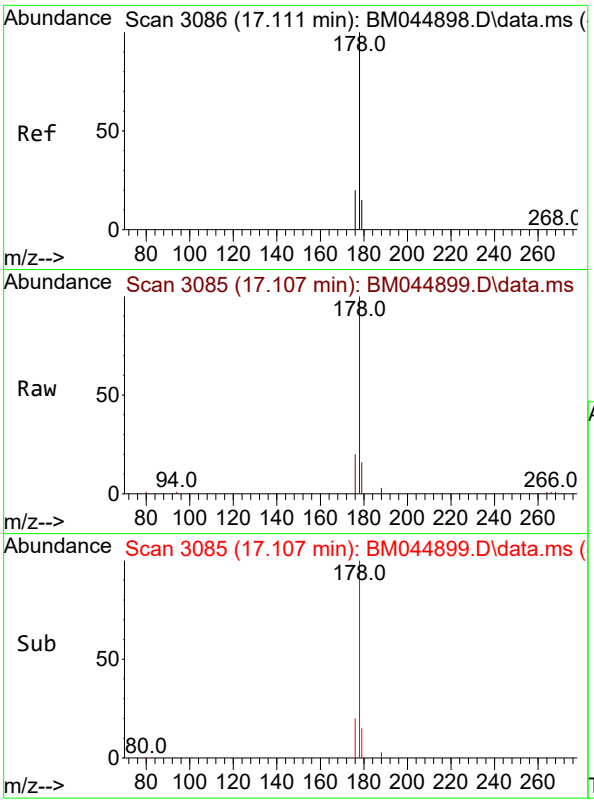


#14
Pentachlorophenol
Concen: 0.738 ng/ul
RT: 16.731 min Scan# 2996
Delta R.T. -0.003 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:266 Resp: 1184

Ion	Ratio	Lower	Upper
266	100		
264	62.2	48.3	72.5
268	68.9	52.6	79.0



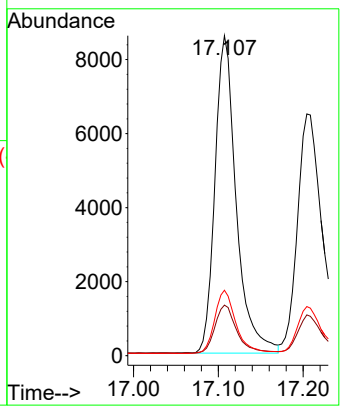


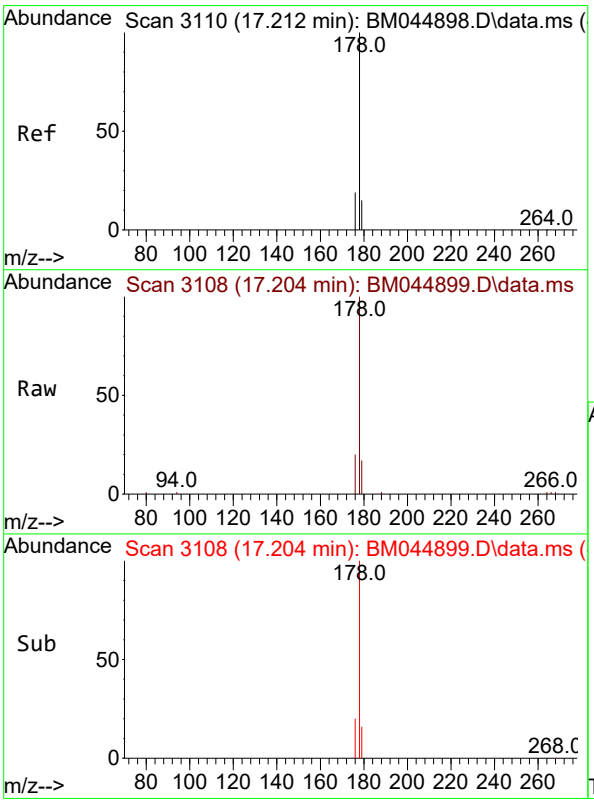
#15
Phenanthrene
Concen: 0.749 ng/ul
RT: 17.107 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:178 Resp: 14956

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.7	20.5
176	20.4	17.0	25.4

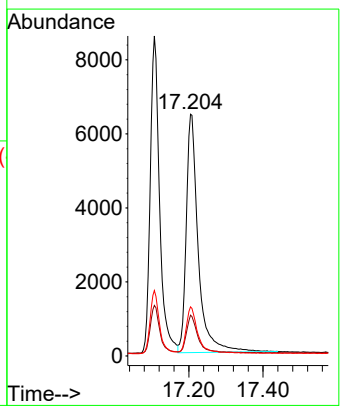


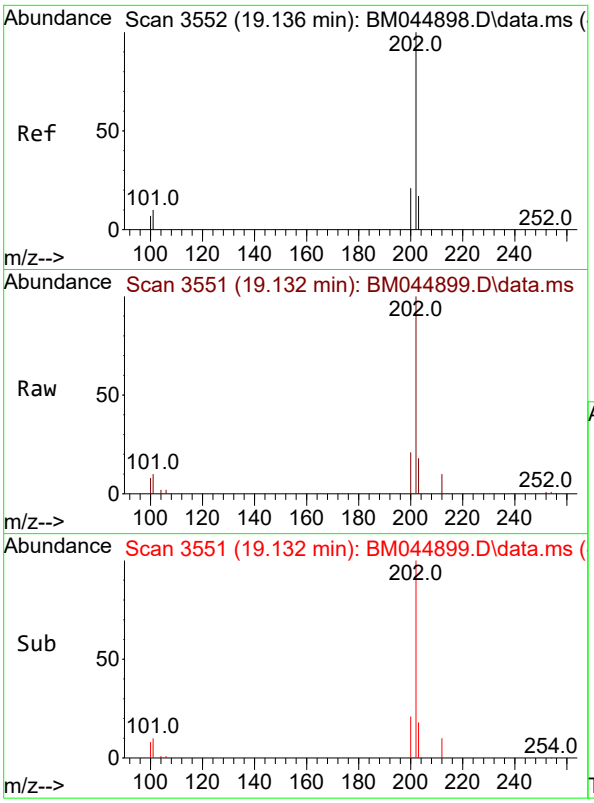


#16
Anthracene
Concen: 0.772 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.008 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:178 Resp: 14468

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.8	20.8
176	20.3	16.2	24.4



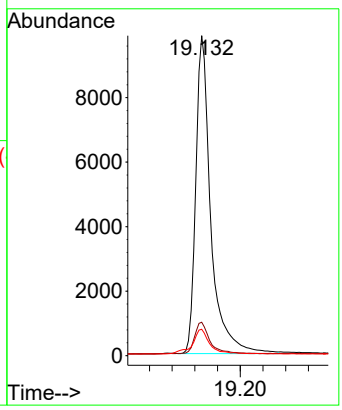


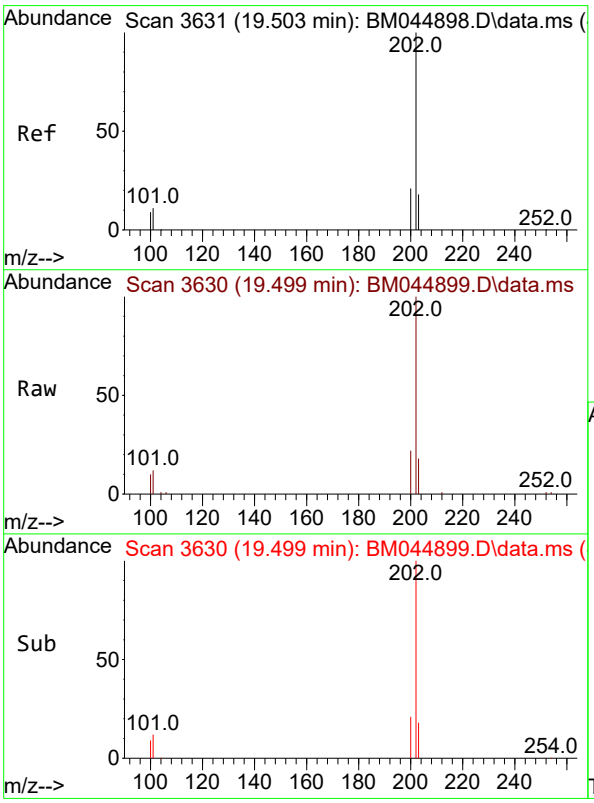
#19
Fluoranthene
Concen: 0.582 ng/ul
RT: 19.132 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:202 Resp: 18091

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.8	13.2
100	8.2	7.0	10.4

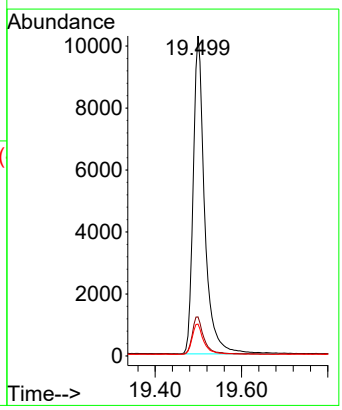


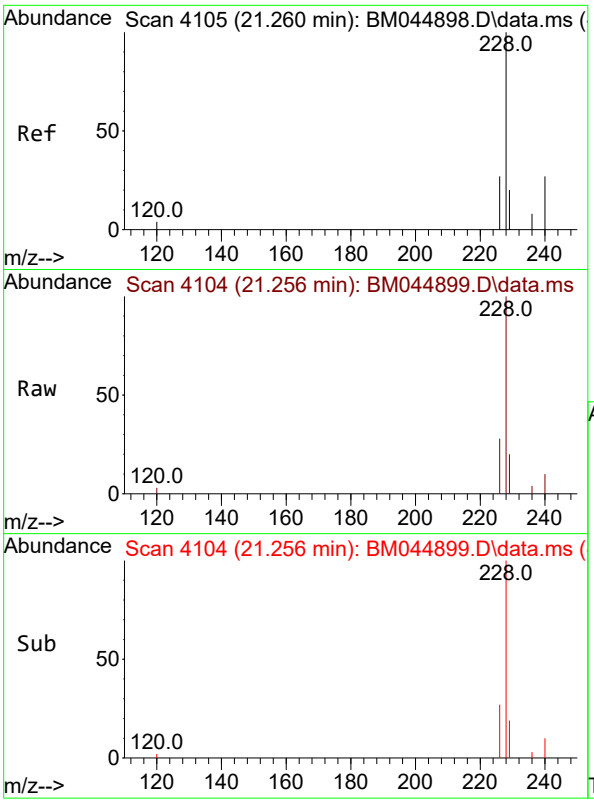


#20
Pyrene
Concen: 0.594 ng/ul
RT: 19.499 min Scan# 3630
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:202 Resp: 18920

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	9.9	8.1	12.1



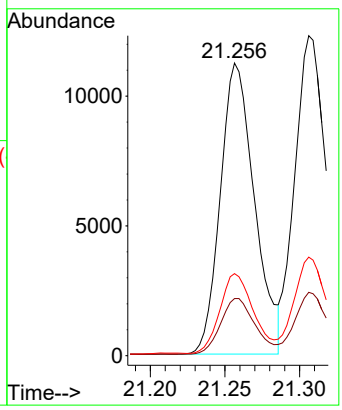


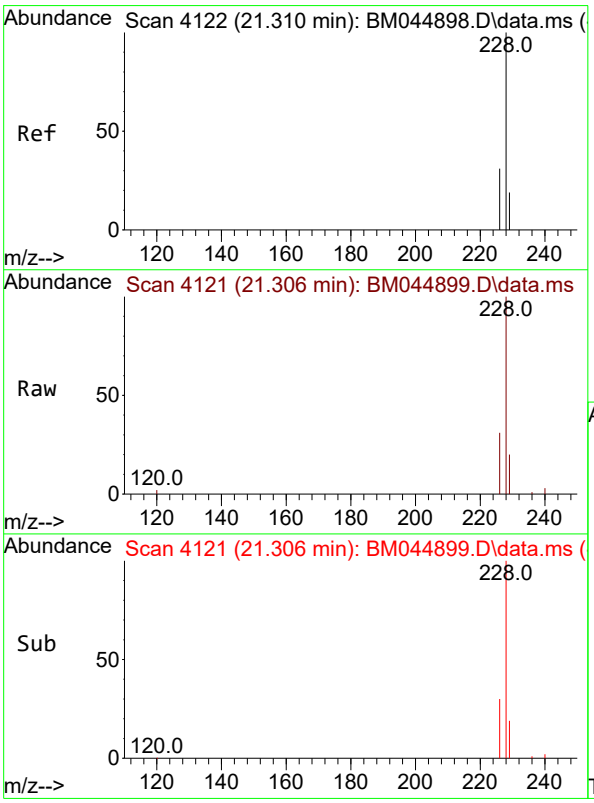
#21
Benzo(a)anthracene
Concen: 0.740 ng/ul
RT: 21.256 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:228 Resp: 17899

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.4	24.6
226	28.0	22.3	33.5

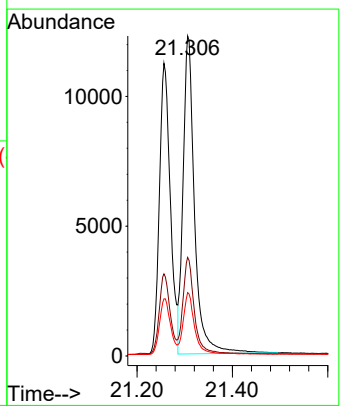


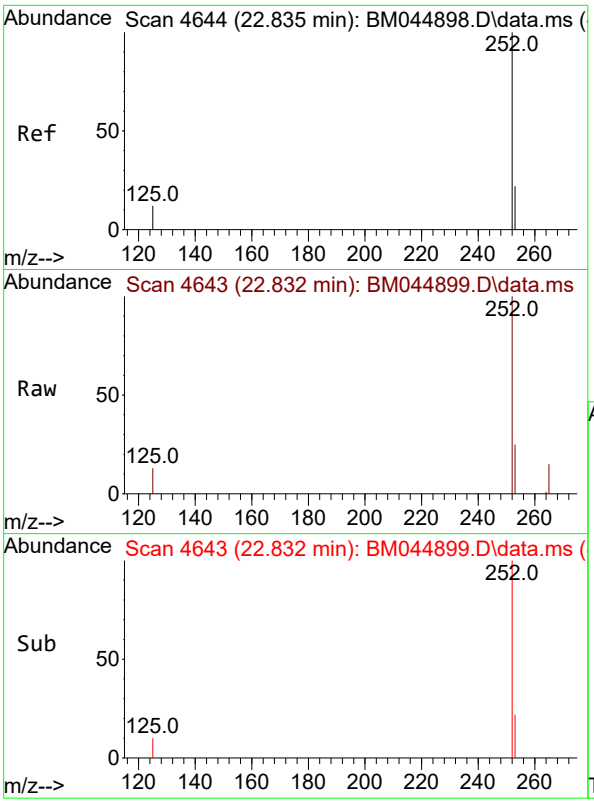


#22
Chrysene
Concen: 0.753 ng/ul
RT: 21.306 min Scan# 4121
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:228 Resp: 20456

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	15.9	23.9



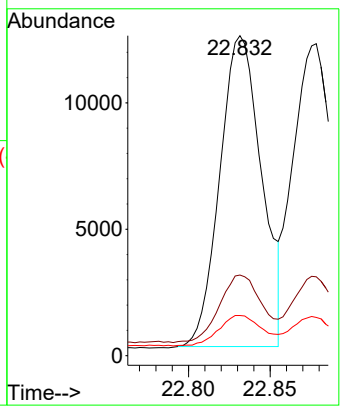


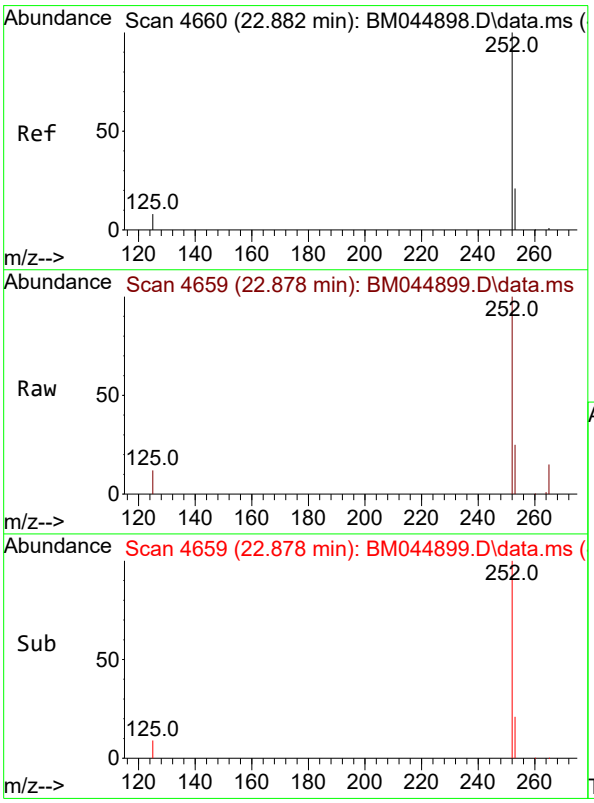
#24
Benzo(b)fluoranthene
Concen: 0.735 ng/ul
RT: 22.832 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:252 Resp: 21921

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	56.4
125	12.6	0.0	33.4

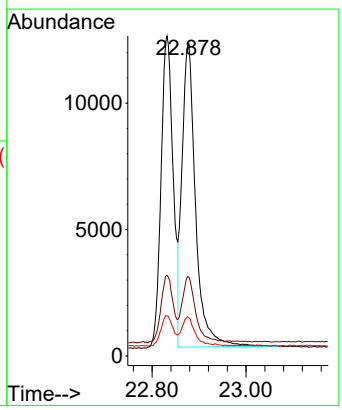


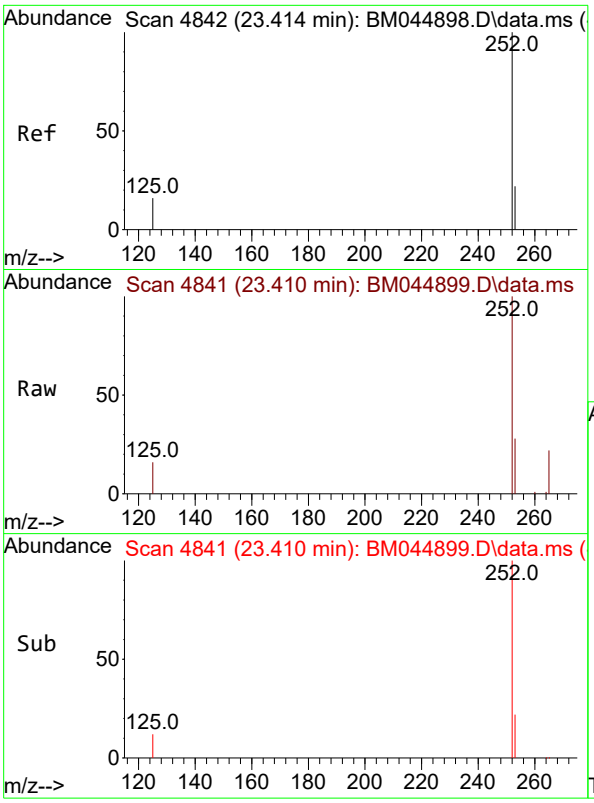


#25
Benzo(k)fluoranthene
Concen: 0.748 ng/ul
RT: 22.878 min Scan# 4659
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:252 Resp: 24138

Ion	Ratio	Lower	Upper
252	100		
253	25.3	22.3	33.5
125	12.3	11.6	17.4



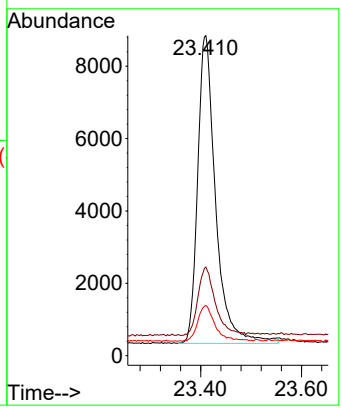


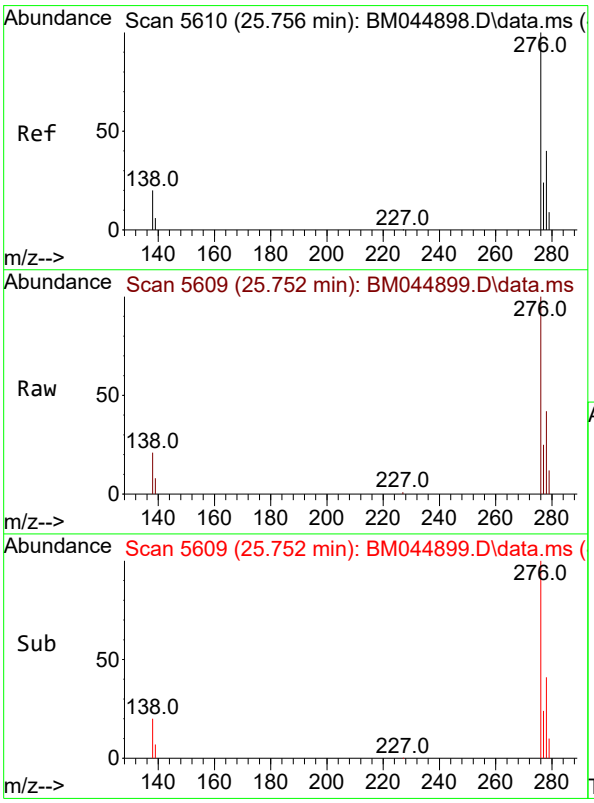
#26
Benzo(a)pyrene
Concen: 0.777 ng/ul
RT: 23.410 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:252 Resp: 21035

Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.6	37.0
125	15.7	18.2	27.4#

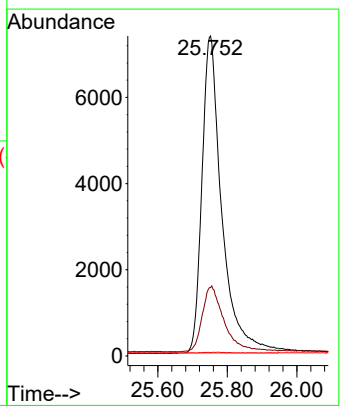


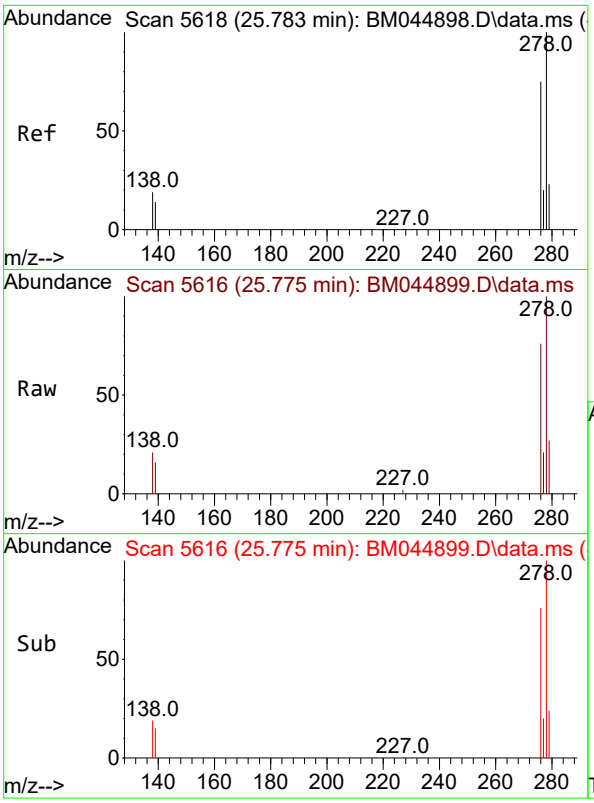


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.941 ng/ul
RT: 25.752 min Scan# 5609
Delta R.T. -0.004 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:276 Resp: 29310

Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
227	0.0	0.1	0.1#



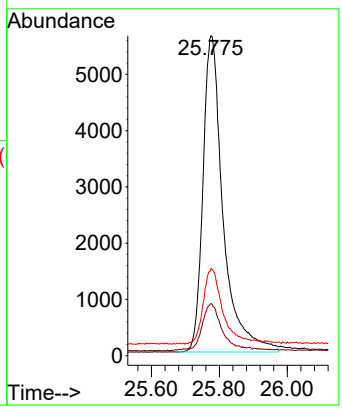


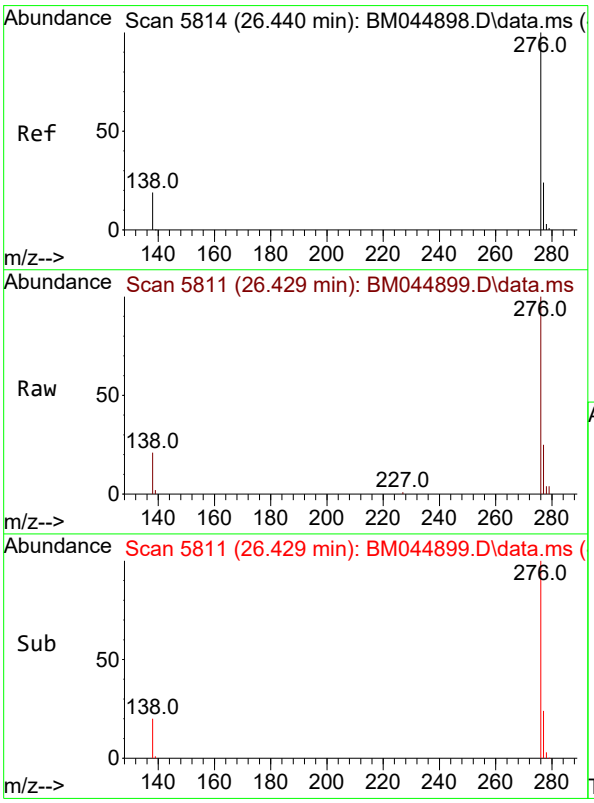
#28
Dibenzo(a,h)anthracene
Concen: 0.965 ng/ul
RT: 25.775 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:278 Resp: 23188

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.6	20.4
279	27.2	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 0.910 ng/ul
RT: 26.429 min Scan# 5811
Delta R.T. -0.011 min
Lab File: BM044899.D
Acq: 03 Apr 2024 20:02

Tgt Ion:276 Resp: 24880

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.8	25.2
277	25.0	20.3	30.5