Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044934.D
Acq On : 05 Apr 2024 03:27
Operator : MA/JU
Sample : PB159988BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS988

Quant Time: Apr 05 04:06:10 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 23:34:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	1599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.435	136	4728	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.297	164	2489	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.060	188	5282	0.400	ng/ul	0.00
17) Chrysene-d12	21.263	240	4759	0.400	ng/ul	0.00
23) Perylene-d12	23.493	264	6321	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1475	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2227	0.348	ng/ul	-0.02
18) Fluoranthene-d10	19.099	212	5171	0.430	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	4150	2.061	ng/ul#	82
5) Naphthalene	10.484	128	4830	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.112	142	2808	0.375	ng/ul	97
8) 1-Methylnaphthalene	12.327	142	2951	0.361	ng/ul	100
10) Acenaphthylene	14.020	152	4772	0.384	ng/ul	99
11) Acenaphthene	14.362	153	3420	0.385	ng/ul	100
12) Fluorene	15.366	166	3708	0.372	ng/ul	97
14) Pentachlorophenol	16.718	266	1219	0.984	ng/ul	95
15) Phenanthrene	17.102	178	6006	0.404	ng/ul	99
16) Anthracene	17.199	178	6058	0.414	ng/ul	98
19) Fluoranthene	19.126	202	7584	0.446	ng/ul	98
20) Pyrene	19.494	202	8092	0.451	ng/ul	98
21) Benzo(a)anthracene	21.252	228	7329	0.442	ng/ul	99
22) Chrysene	21.301	228	8660	0.419	ng/ul	99
24) Benzo(b)fluoranthene	22.824	252	9247	0.405	ng/ul	97
25) Benzo(k)fluoranthene	22.868	252	10408	0.407	ng/ul	96
26) Benzo(a)pyrene	23.397	252	8959	0.411	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.736	276	12356	0.414	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.759	278	9766	0.413	ng/ul	96
29) Benzo(g,h,i)perylene	26.423	276	10440	0.405	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
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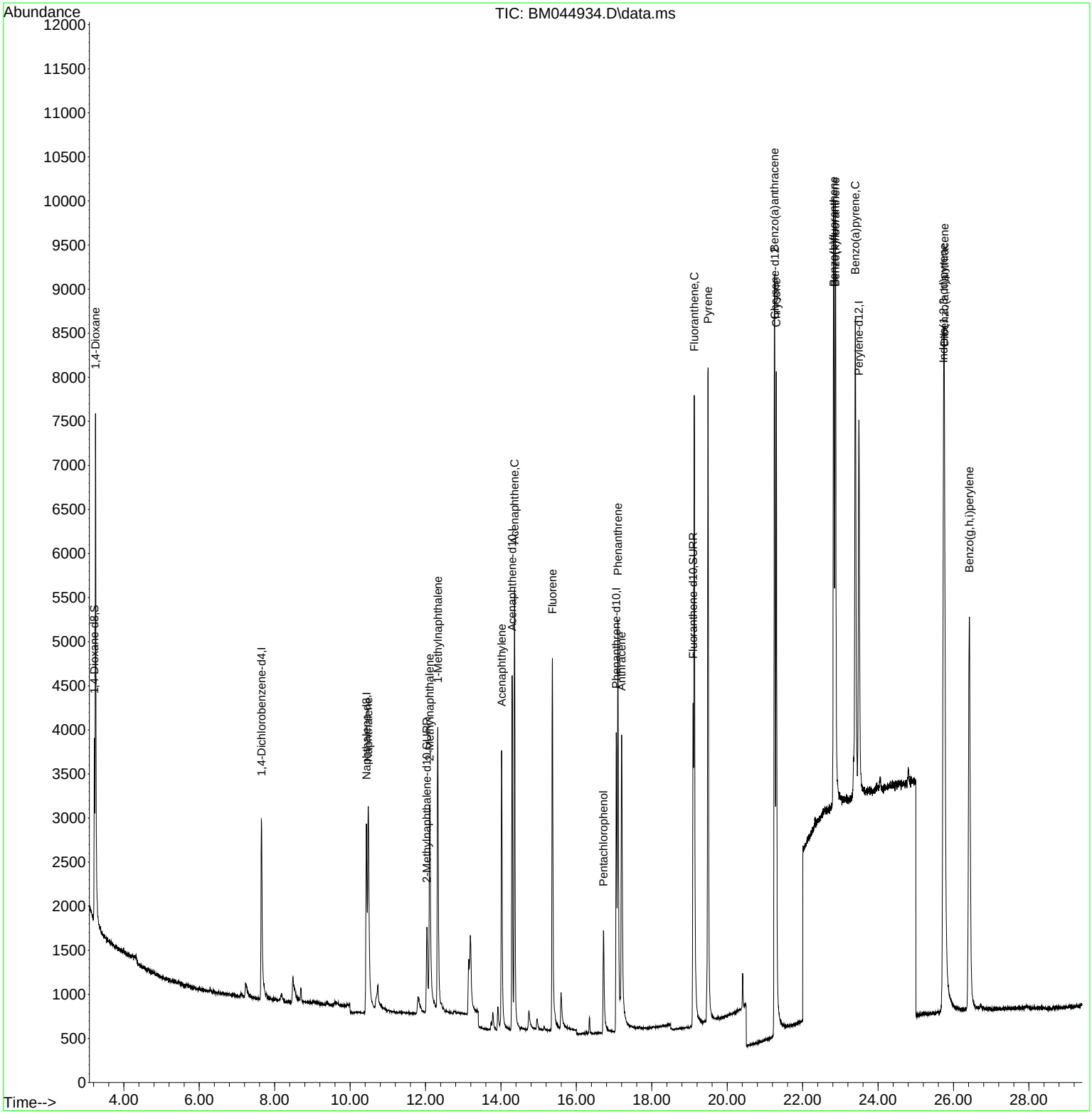
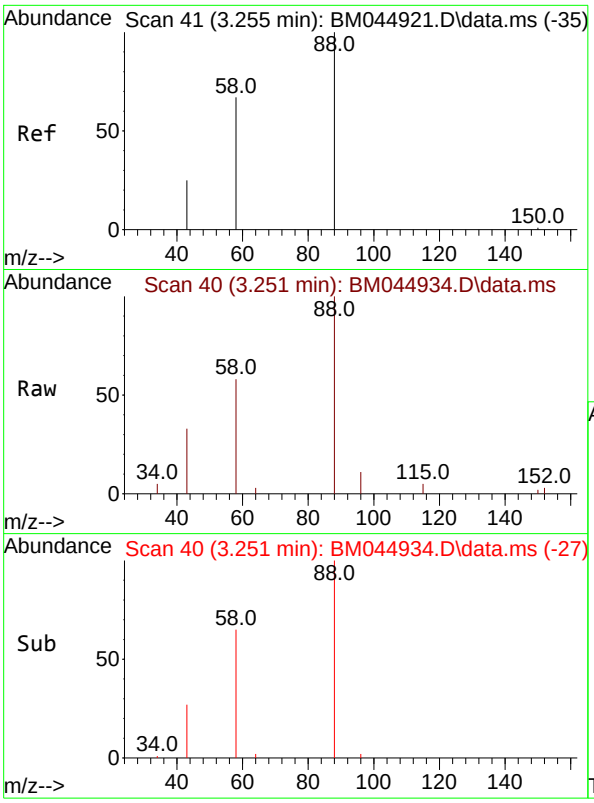
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration



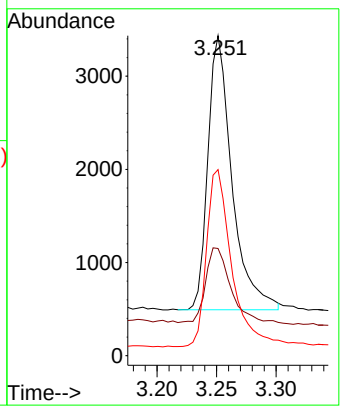


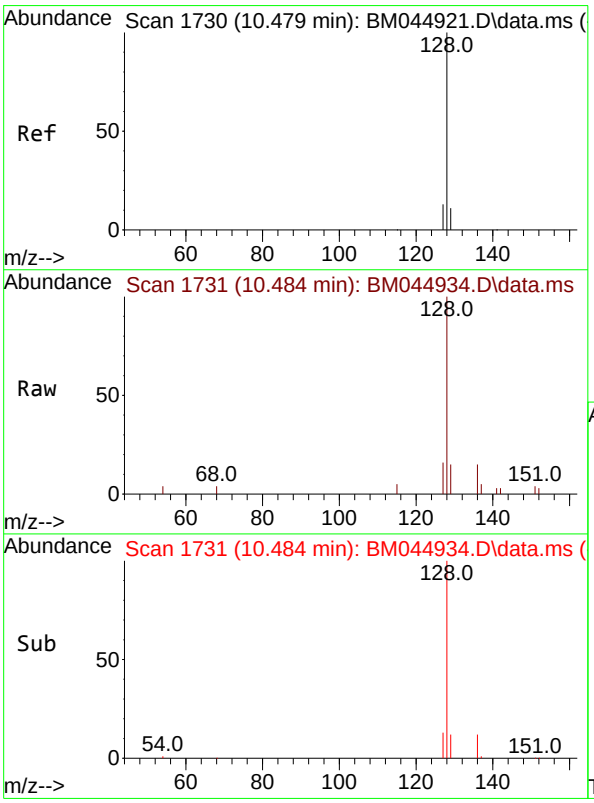
#2
1,4-Dioxane
Concen: 2.061 ng/ul
RT: 3.251 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion: 88 Resp: 4150

Ion	Ratio	Lower	Upper
88	100		
43	33.5	30.6	46.0
58	58.2	32.6	48.8#

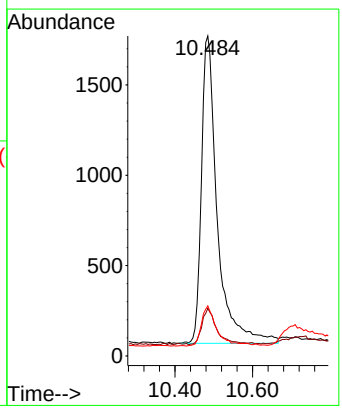


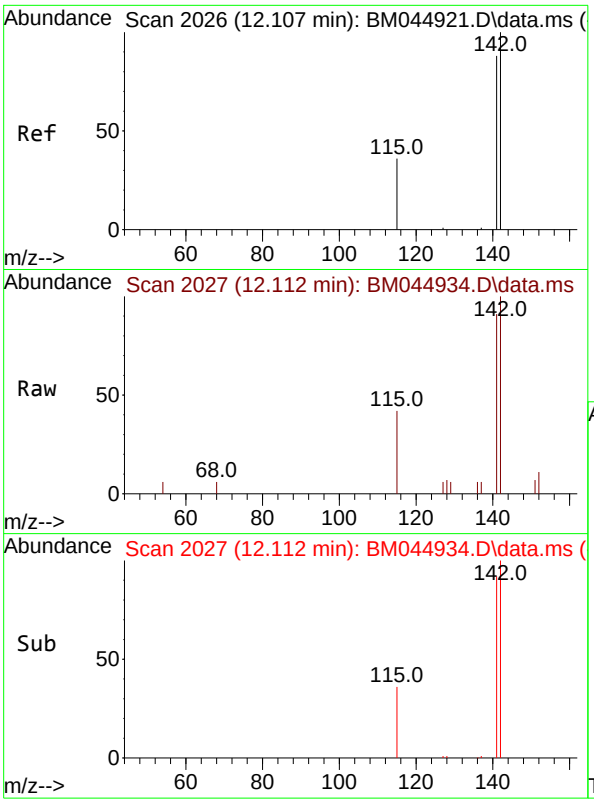


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.484 min Scan# 1731
Delta R.T. -0.011 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:128 Resp: 4830

Ion	Ratio	Lower	Upper
128	100		
129	14.9	11.3	16.9
127	15.6	11.9	17.9



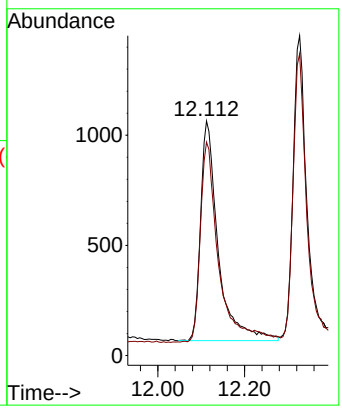


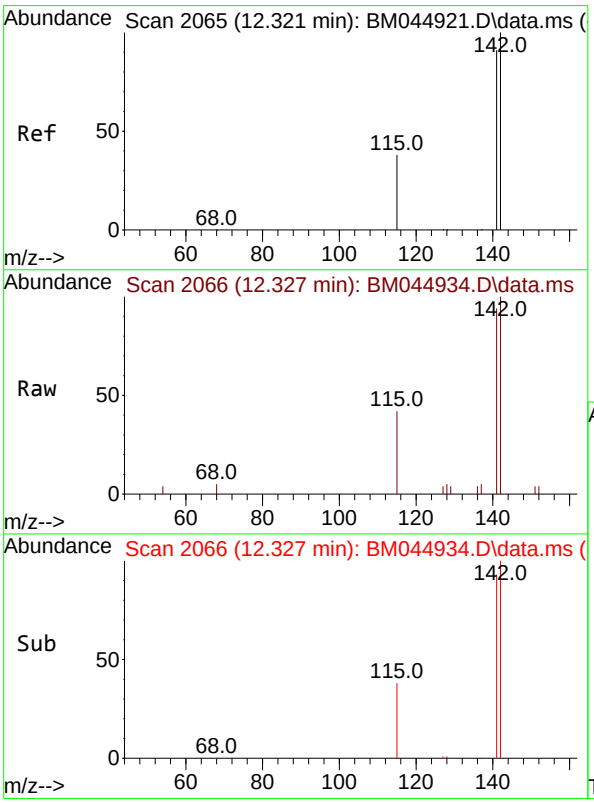
#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.112 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:142 Resp: 2808

Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.8	110.8

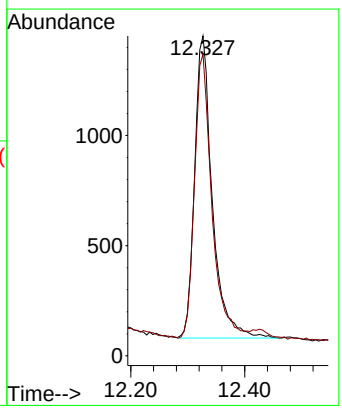


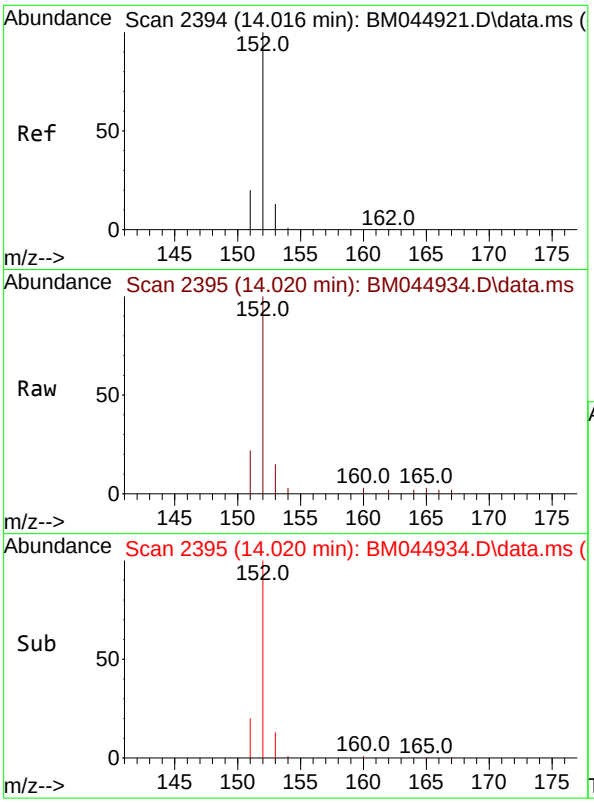


#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:142 Resp: 2951

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.2



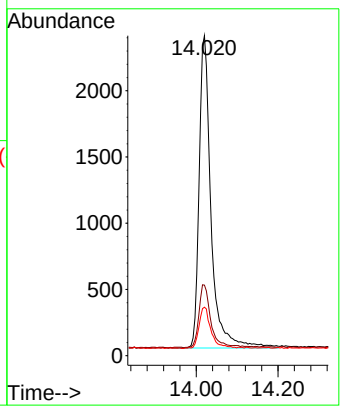


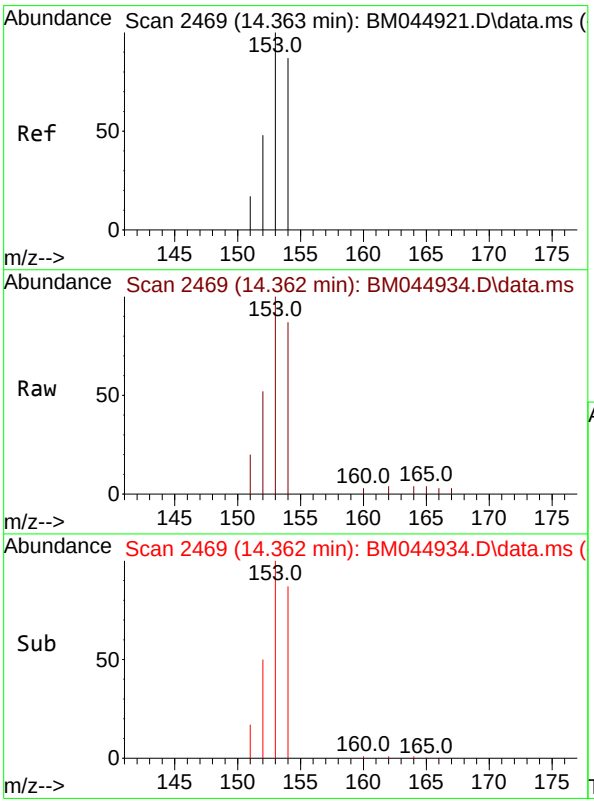
#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.020 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:152 Resp: 4772

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.0	25.4
153	15.1	11.9	17.9

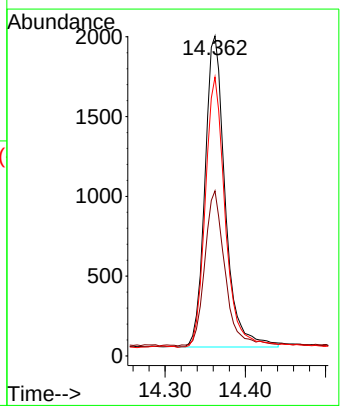


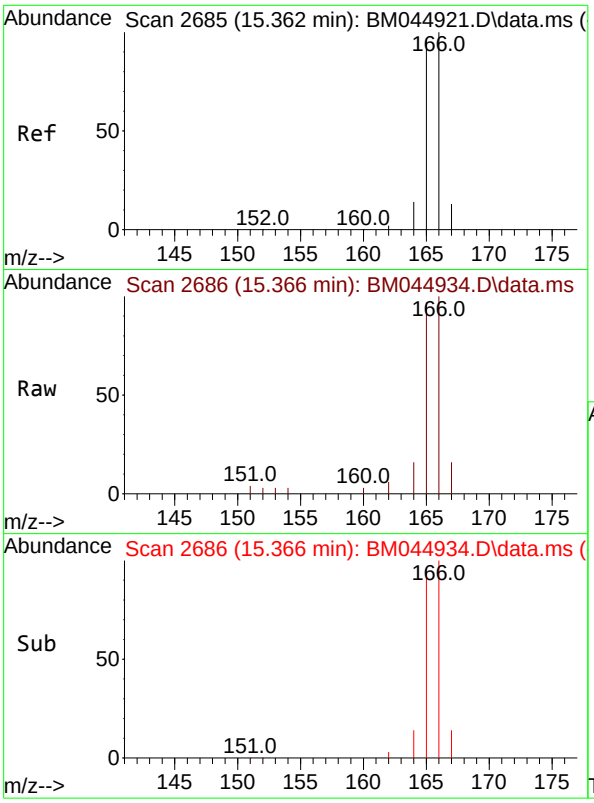


#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:153 Resp: 3420

Ion	Ratio	Lower	Upper
153	100		
152	51.6	41.2	61.8
154	87.1	69.4	104.0



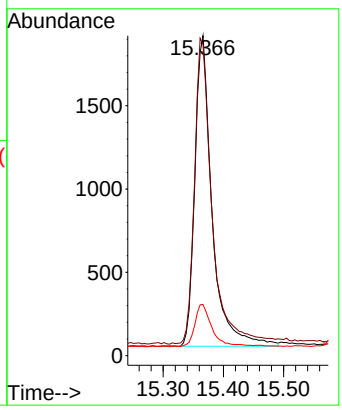


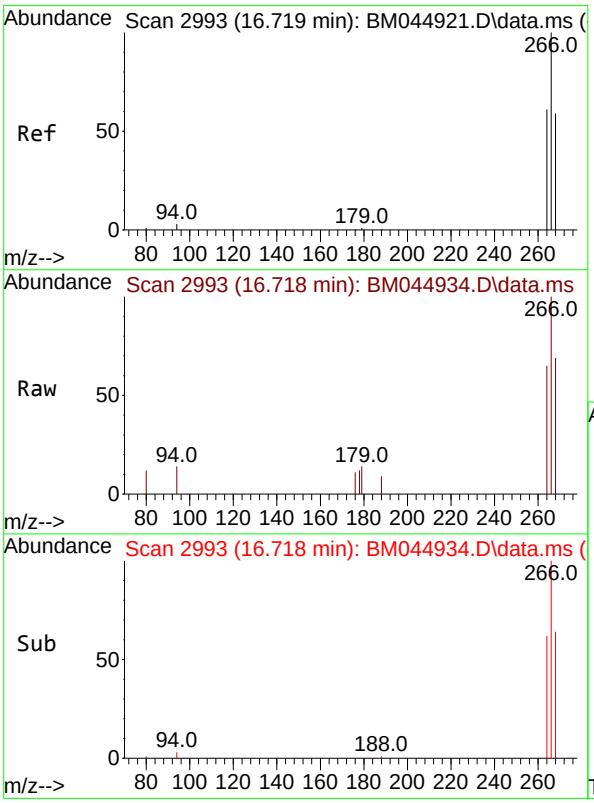
#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:166 Resp: 3708

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.9	119.9
167	16.0	12.2	18.2

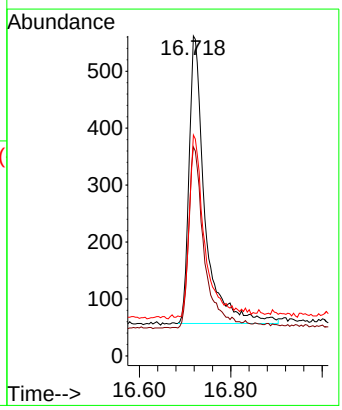


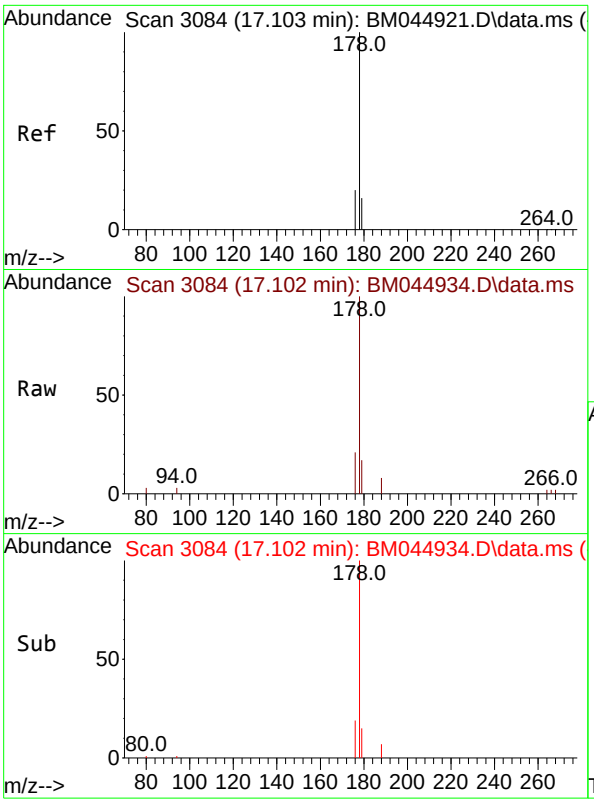


#14
Pentachlorophenol
Concen: 0.984 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. -0.017 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:266 Resp: 1219

Ion	Ratio	Lower	Upper
266	100		
264	64.2	48.3	72.5
268	61.9	52.6	79.0



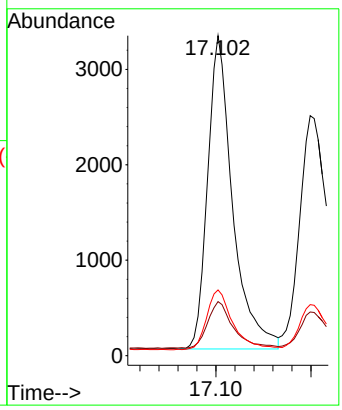


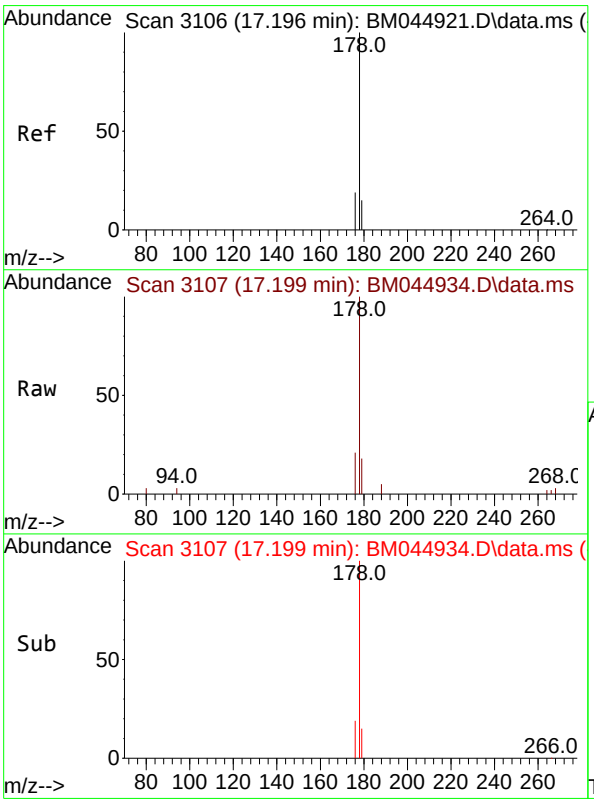
#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.102 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:178 Resp: 6006

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.7	20.5
176	20.5	17.0	25.4

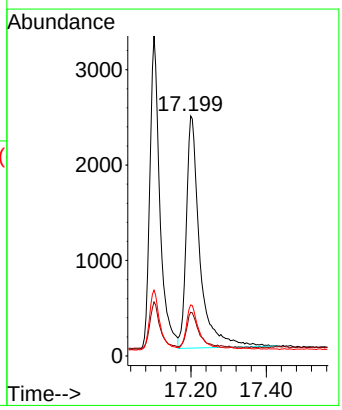


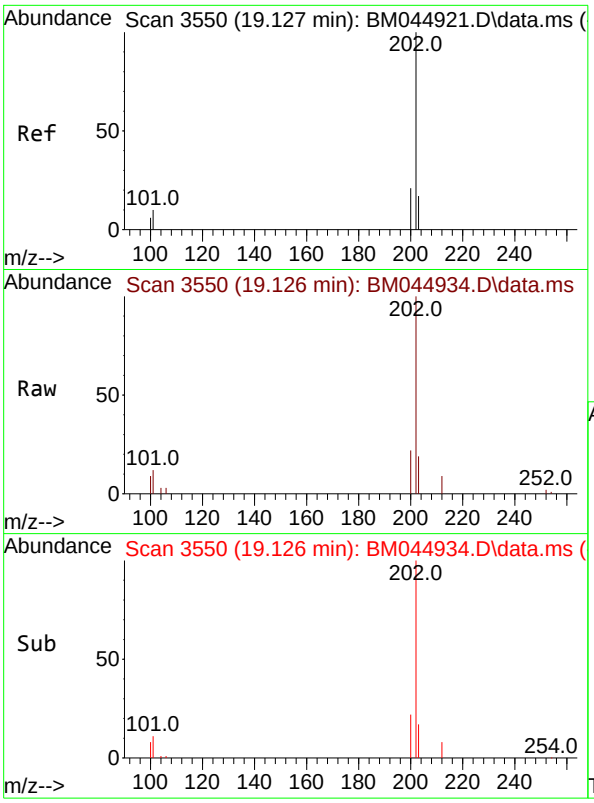


#16
Anthracene
Concen: 0.414 ng/ul
RT: 17.199 min Scan# 3107
Delta R.T. -0.013 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:178 Resp: 6058

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.8	20.8
176	21.2	16.2	24.4



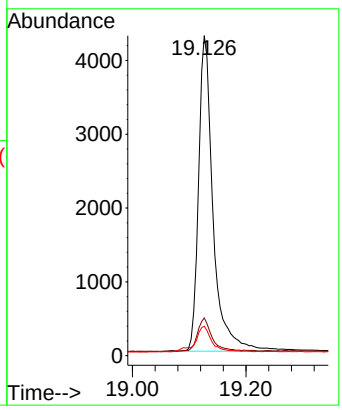


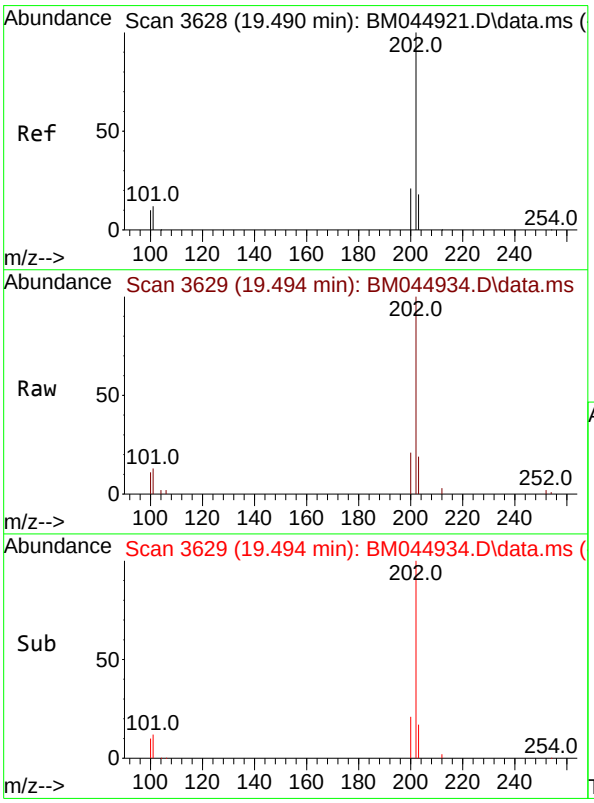
#19
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.126 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:202 Resp: 7584

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
100	9.2	7.0	10.4

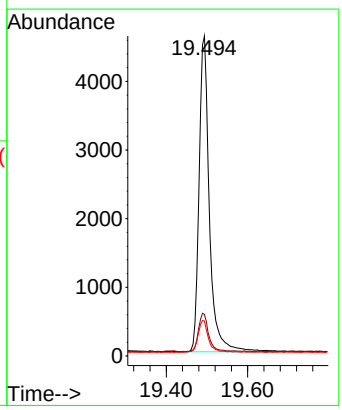


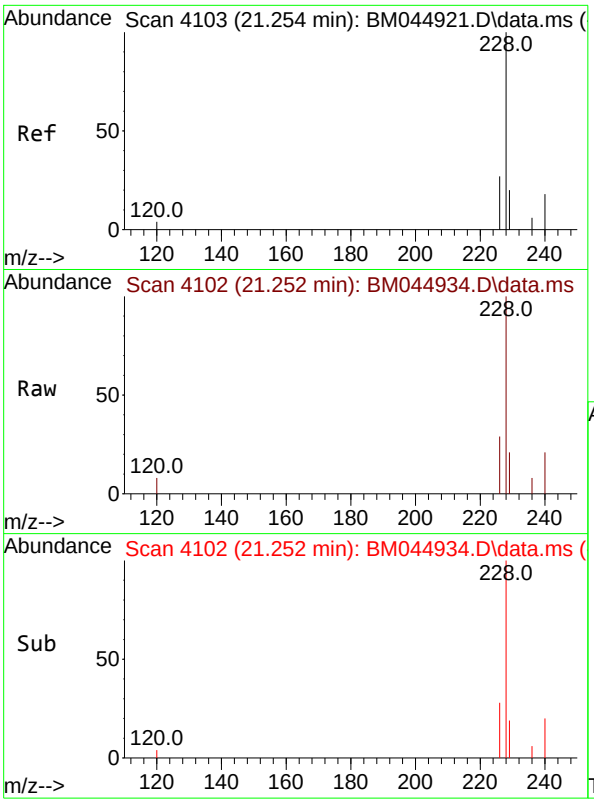


#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.494 min Scan# 3629
Delta R.T. -0.009 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:202 Resp: 8092

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.6
100	10.9	8.1	12.1



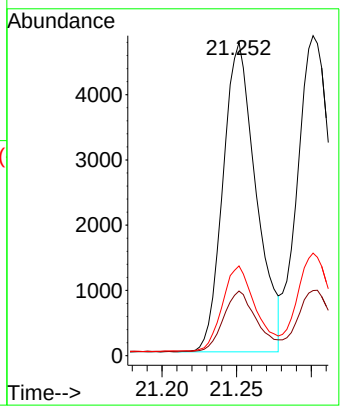


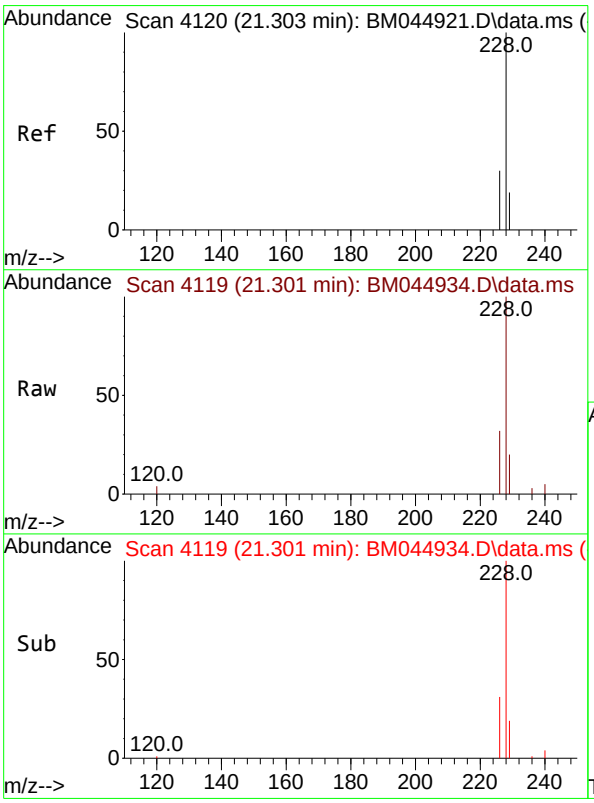
#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.252 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:228 Resp: 7329

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.4	24.6
226	28.7	22.3	33.5

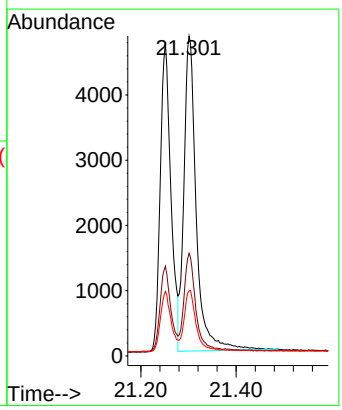


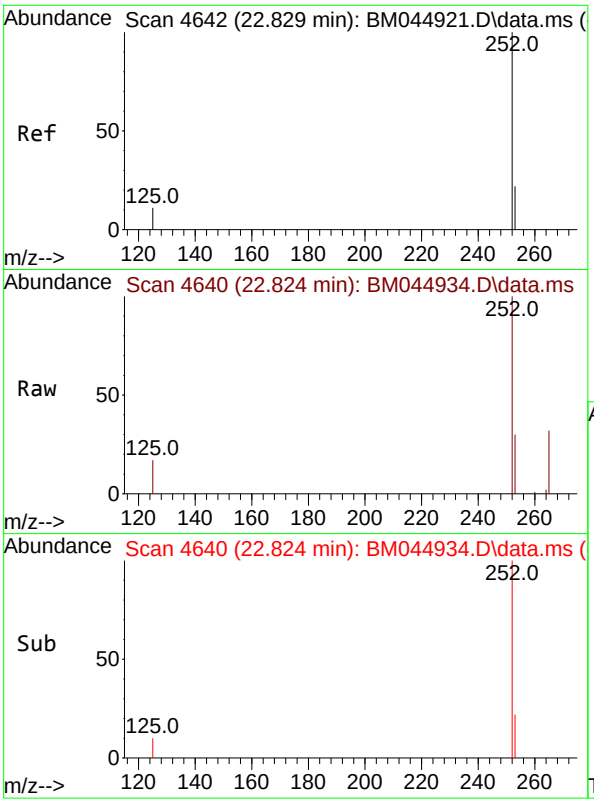


#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.301 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:228 Resp: 8660

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.4	15.9	23.9



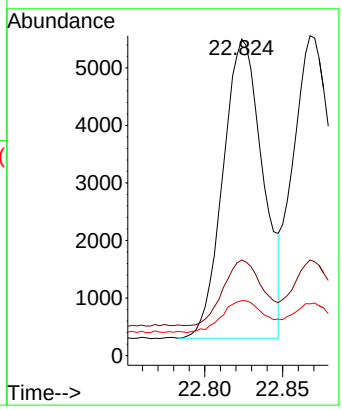


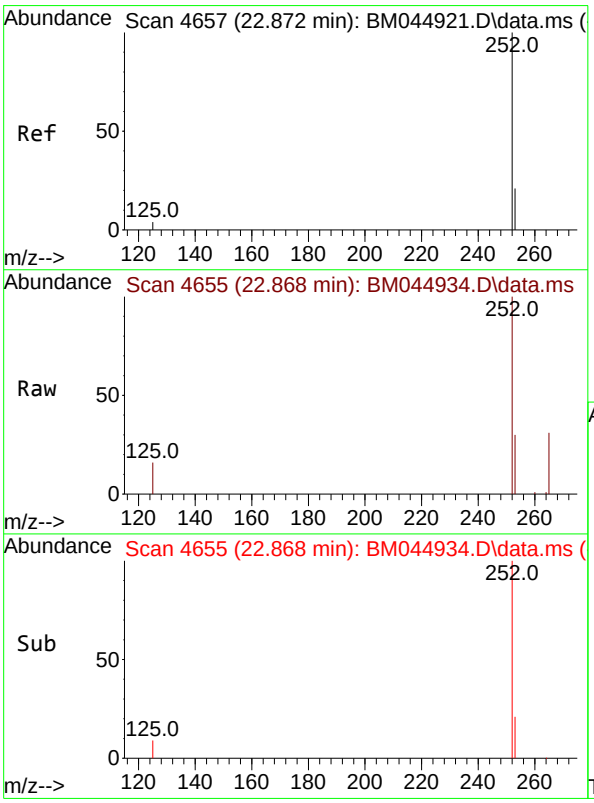
#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.824 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:252 Resp: 9247

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	56.4
125	17.4	0.0	33.4

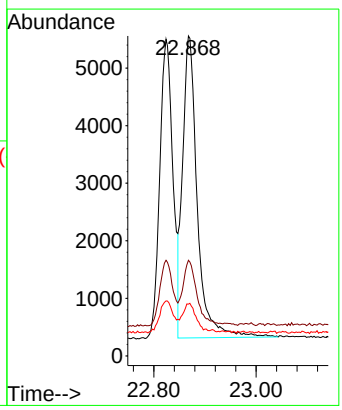


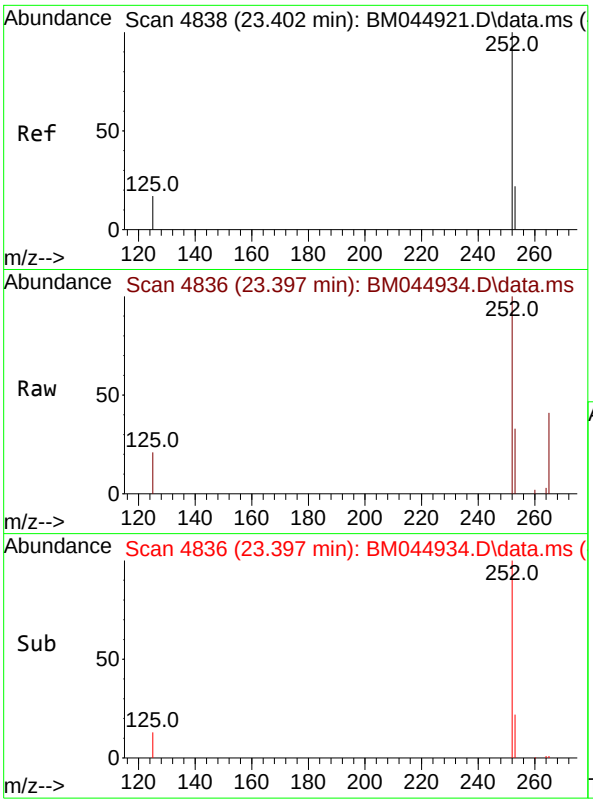


#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.868 min Scan# 4655
Delta R.T. -0.015 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:252 Resp: 10408

Ion	Ratio	Lower	Upper
252	100		
253	29.9	22.3	33.5
125	16.2	11.6	17.4



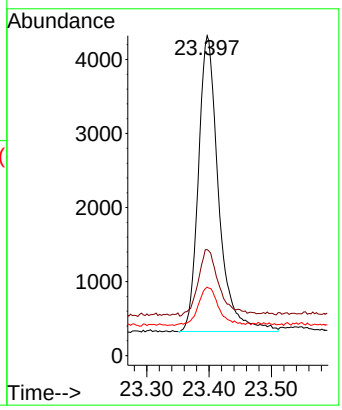


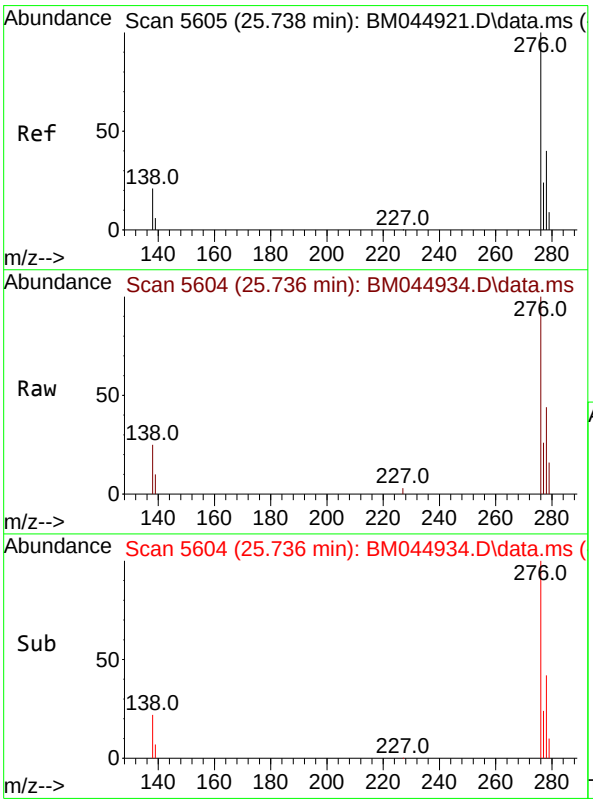
#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.397 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:252 Resp: 8959

Ion	Ratio	Lower	Upper
252	100		
253	33.1	24.6	37.0
125	21.4	18.2	27.4

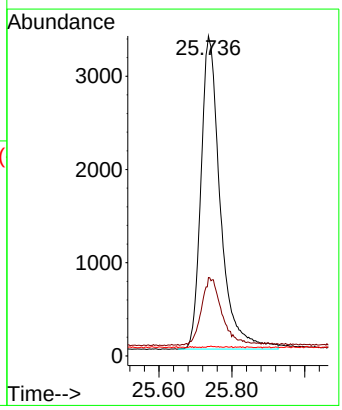


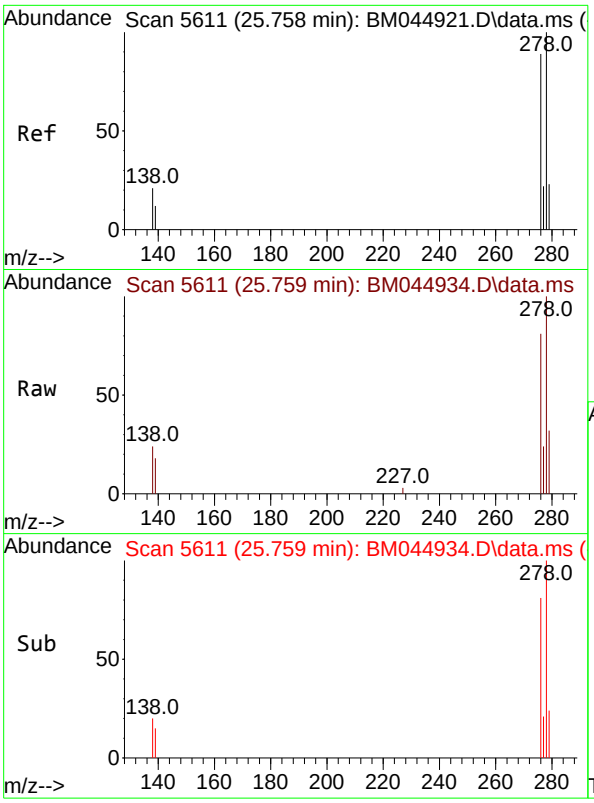


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.736 min Scan# 5604
Delta R.T. -0.020 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:276 Resp: 12356

Ion	Ratio	Lower	Upper
276	100		
138	23.0	0.0	0.0#
227	0.2	0.1	0.1#



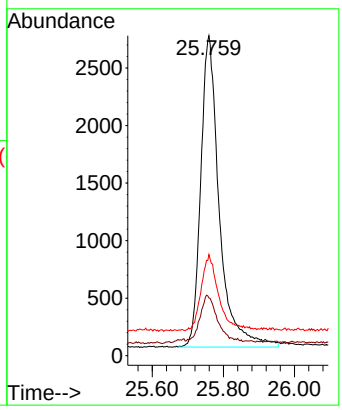


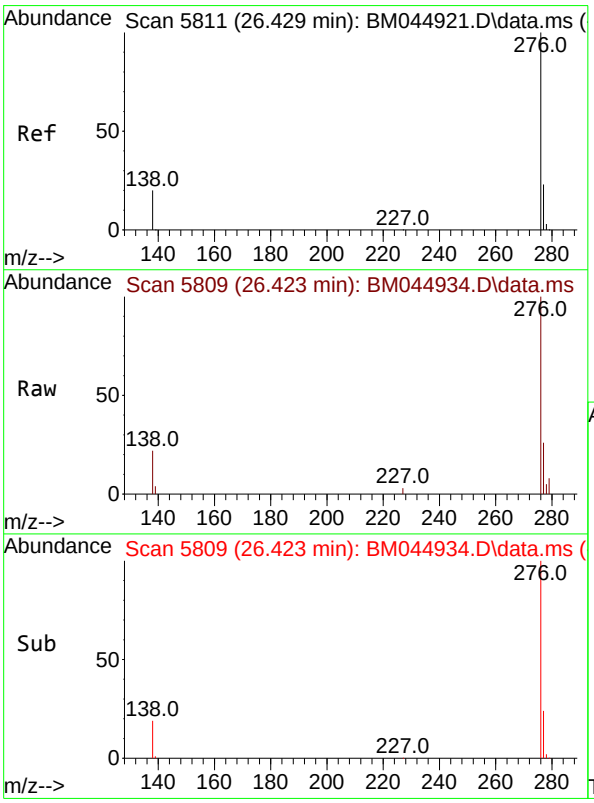
#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.759 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS988

Tgt Ion:278 Resp: 9766

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.6	20.4
279	31.6	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.423 min Scan# 5809
Delta R.T. -0.017 min
Lab File: BM044934.D
Acq: 05 Apr 2024 03:27

Tgt Ion:276 Resp: 10440

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.8	25.2
277	26.0	20.3	30.5