Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046883.D
Acq On : 29 Jul 2024 14:49
Operator : MA/JU
Sample : PB162297BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS297

Quant Time: Jul 29 15:34:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	3358	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.216	136	8991	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	5441	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	11232	0.400	ng/ul	0.00
17) Chrysene-d12	21.084	240	8232	0.400	ng/ul	0.00
23) Perylene-d12	23.209	264	9307	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1351	0.575	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	5219	0.365	ng/ul	-0.01
18) Fluoranthene-d10	18.909	212	10134	0.378	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	3803	1.414	ng/ul#	86
5) Naphthalene	10.266	128	8429	0.371	ng/ul	99
7) 2-Methylnaphthalene	11.893	142	5895	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.113	142	5909	0.366	ng/ul	99
10) Acenaphthylene	13.822	152	9257	0.371	ng/ul	99
11) Acenaphthene	14.169	153	6509	0.385	ng/ul	98
12) Fluorene	15.168	166	7436	0.352	ng/ul	99
14) Pentachlorophenol	16.529	266	3404	0.670	ng/ul	98
15) Phenanthrene	16.909	178	11378	0.352	ng/ul	99
16) Anthracene	16.998	178	10937	0.364	ng/ul	98
19) Fluoranthene	18.937	202	13213	0.365	ng/ul	99
20) Pyrene	19.304	202	13714	0.367	ng/ul	100
21) Benzo(a)anthracene	21.067	228	11912	0.347	ng/ul	100
22) Chrysene	21.117	228	11648	0.334	ng/ul	99
24) Benzo(b)fluoranthene	22.580	252	12243	0.300	ng/ul	94
25) Benzo(k)fluoranthene	22.621	252	12106	0.294	ng/ul	99
26) Benzo(a)pyrene	23.118	252	11123	0.379	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.313	276	14779	0.327	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.326	278	11352	0.343	ng/ul#	98
29) Benzo(g,h,i)perylene	25.950	276	11751	0.296	ng/ul#	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046883.D
Acq On : 29 Jul 2024 14:49
Operator : MA/JU
Sample : PB162297BS
Misc :
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Instrument :
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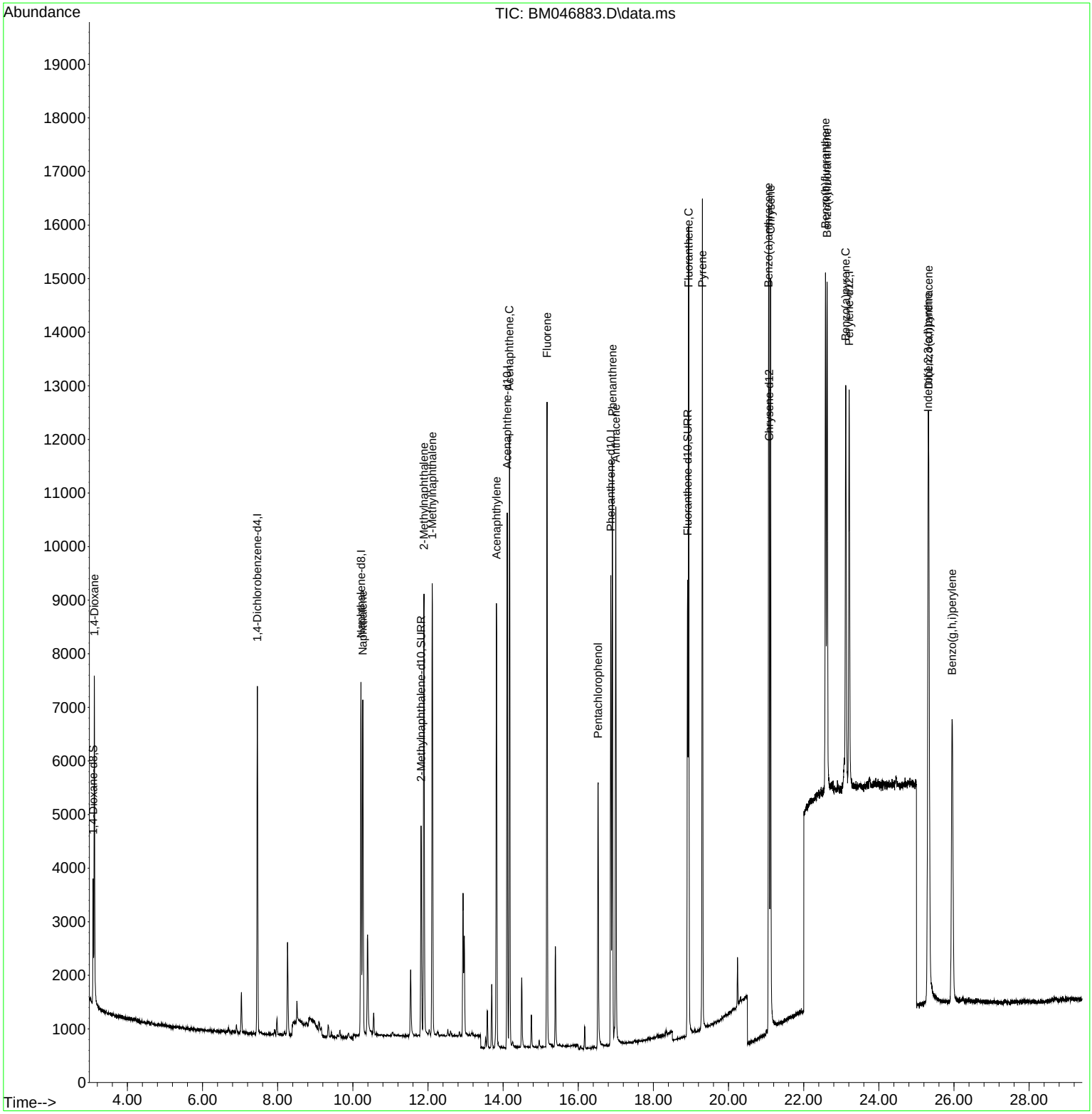
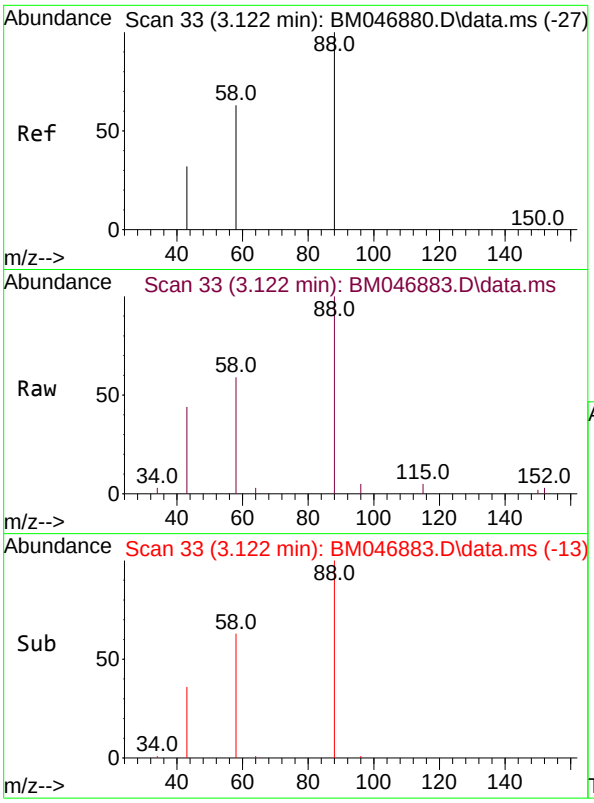
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration



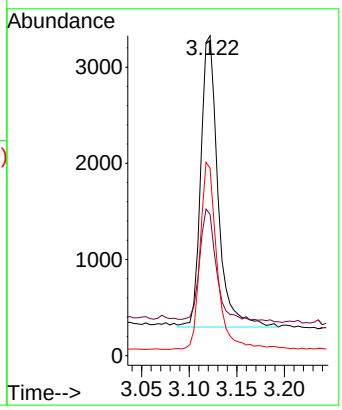


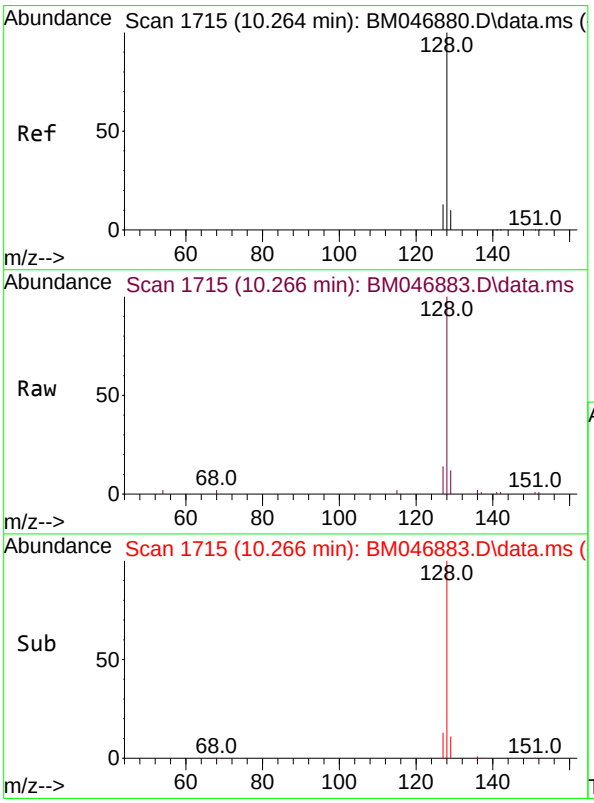
#2
1,4-Dioxane
Concen: 1.414 ng/ul
RT: 3.122 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion: 88 Resp: 3803

Ion	Ratio	Lower	Upper
88	100		
43	44.2	42.1	63.1
58	58.7	38.3	57.5#

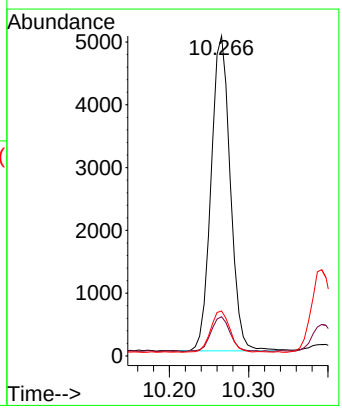


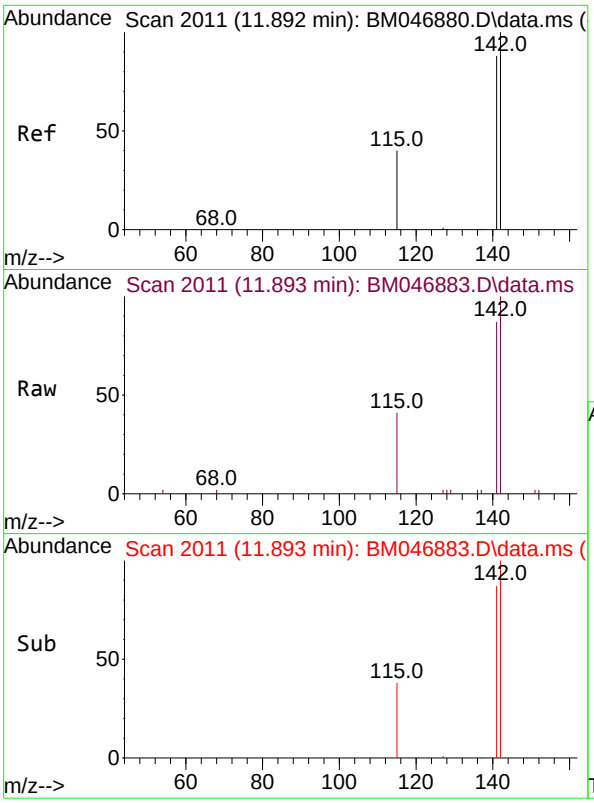


#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.266 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:128 Resp: 8429

Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.1	15.1
127	14.1	11.5	17.3



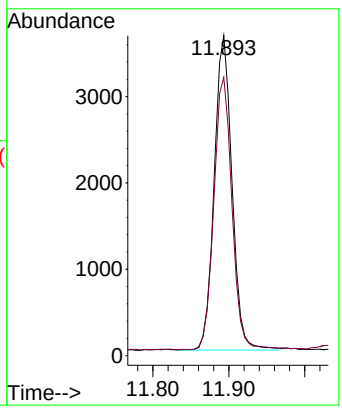


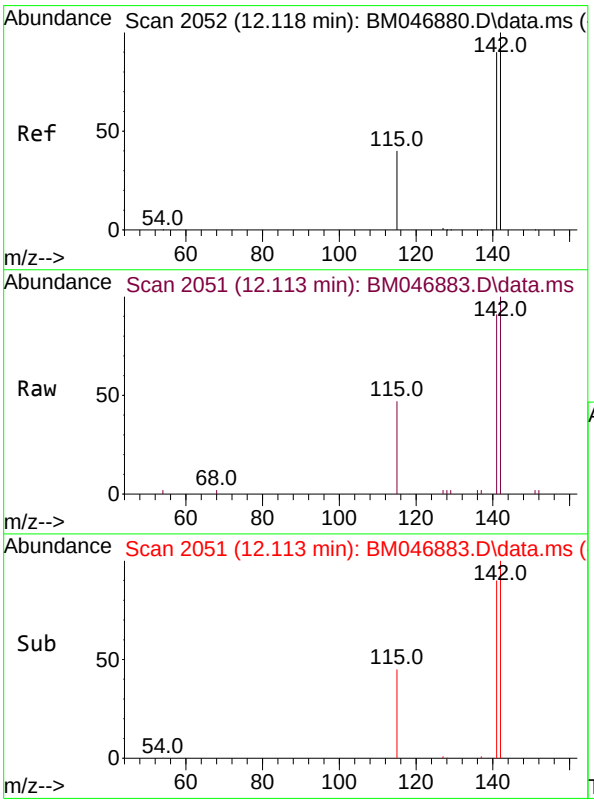
#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 11.893 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:142 Resp: 5895

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7

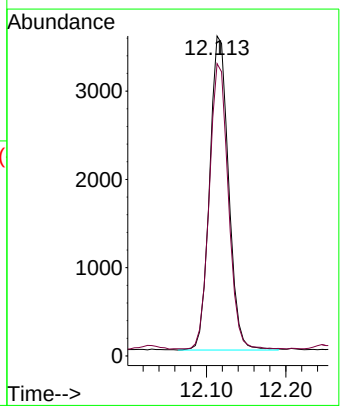


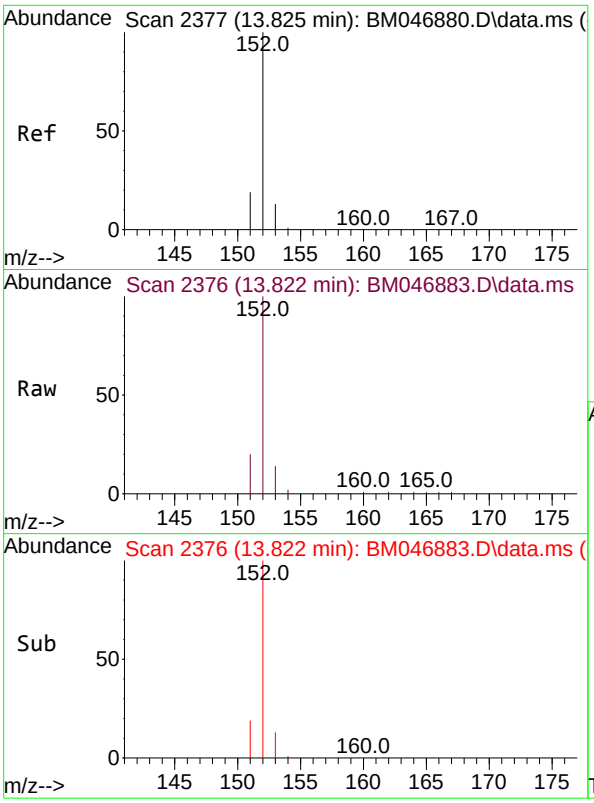


#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.016 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:142 Resp: 5909

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.1	109.7



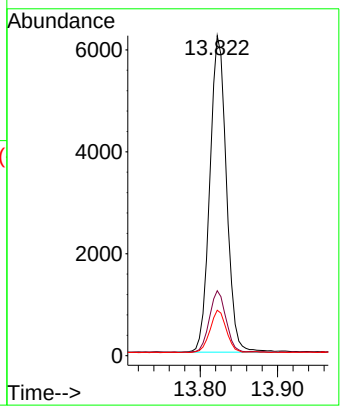


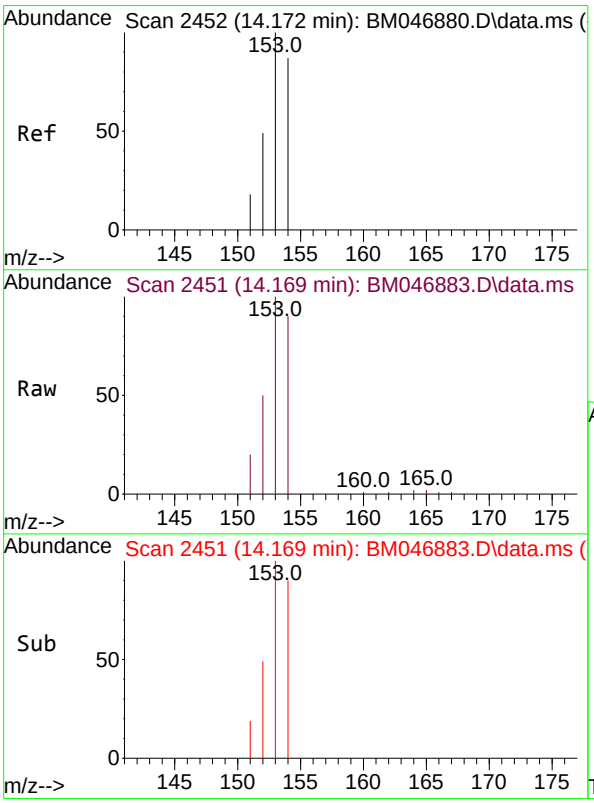
#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 13.822 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:152 Resp: 9257

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	14.2	11.0	16.6

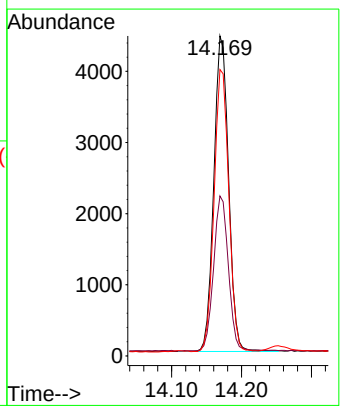


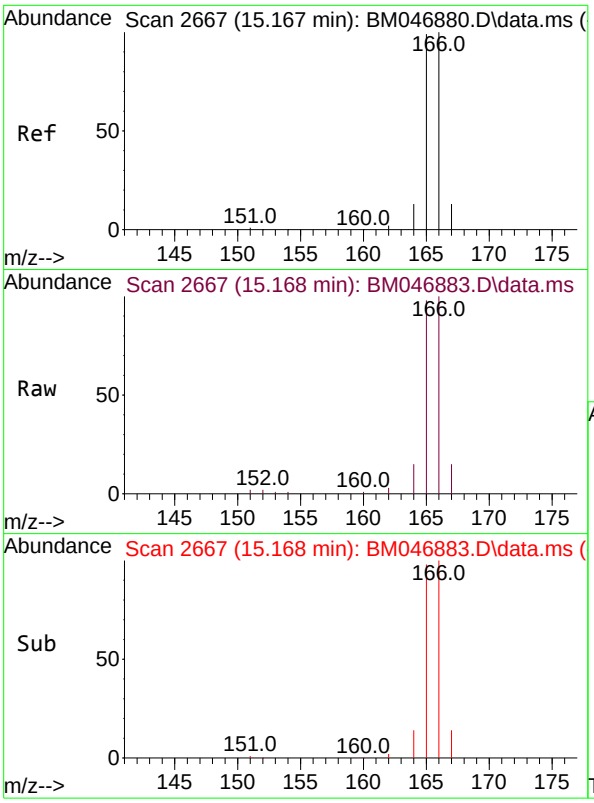


#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:153 Resp: 6509

Ion	Ratio	Lower	Upper
153	100		
152	50.0	38.6	57.8
154	89.5	70.8	106.2



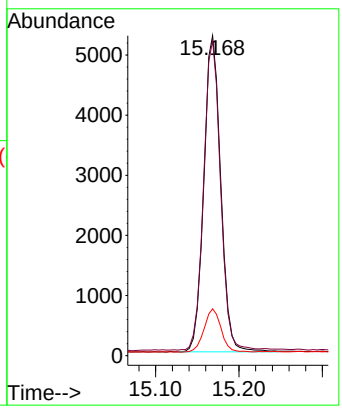


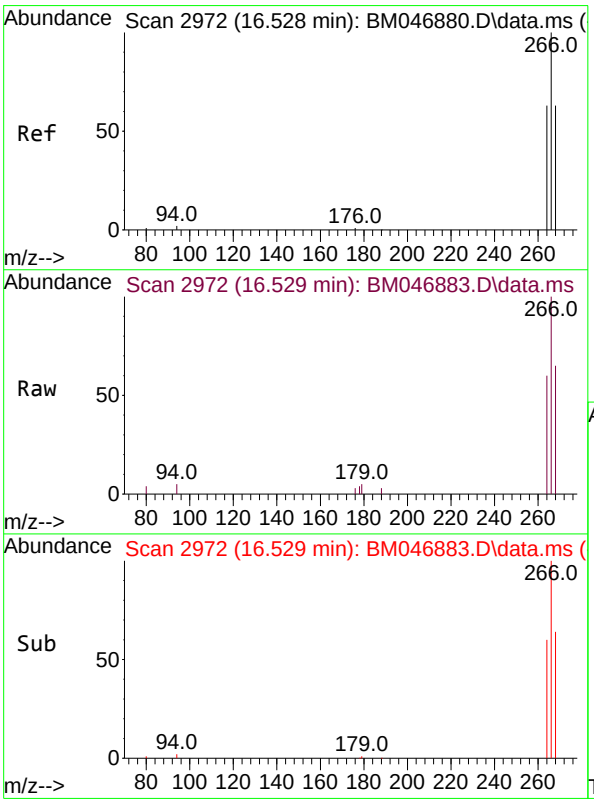
#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.168 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:166 Resp: 7436

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.6
167	14.7	12.3	18.5

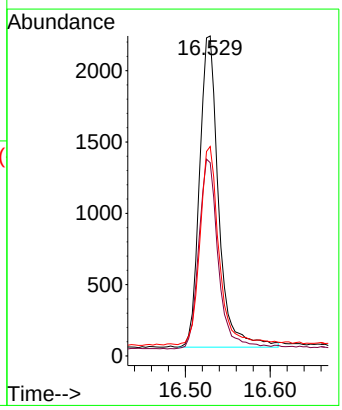


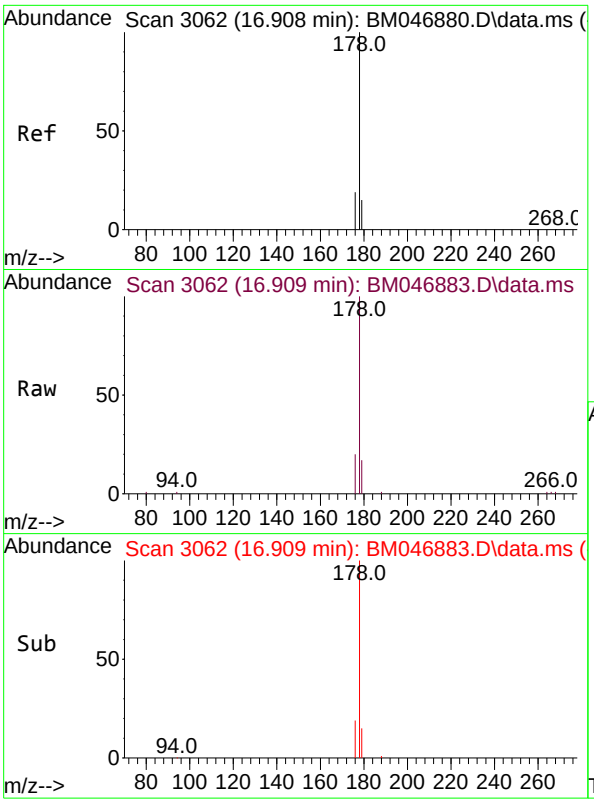


#14
Pentachlorophenol
Concen: 0.670 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.004 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:266 Resp: 3404

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.1	76.7
268	63.5	51.8	77.6



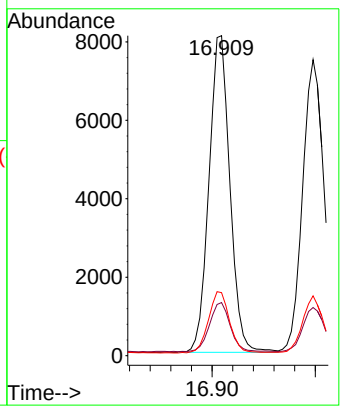


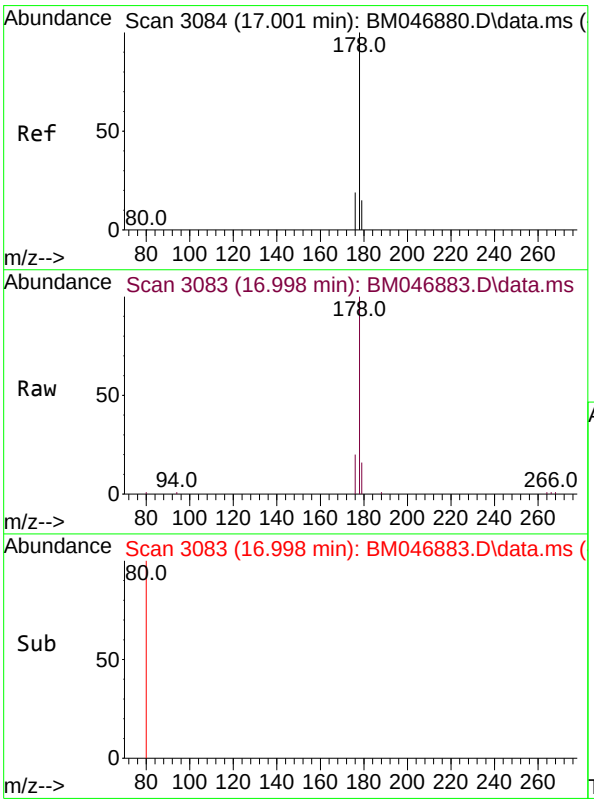
#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 16.909 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:178 Resp: 11378

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	19.7	16.1	24.1

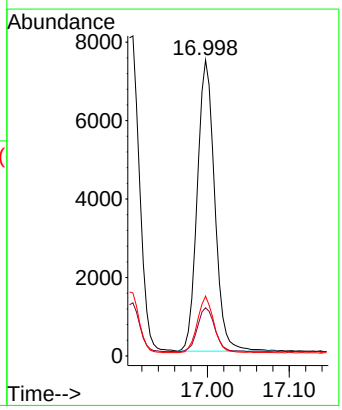


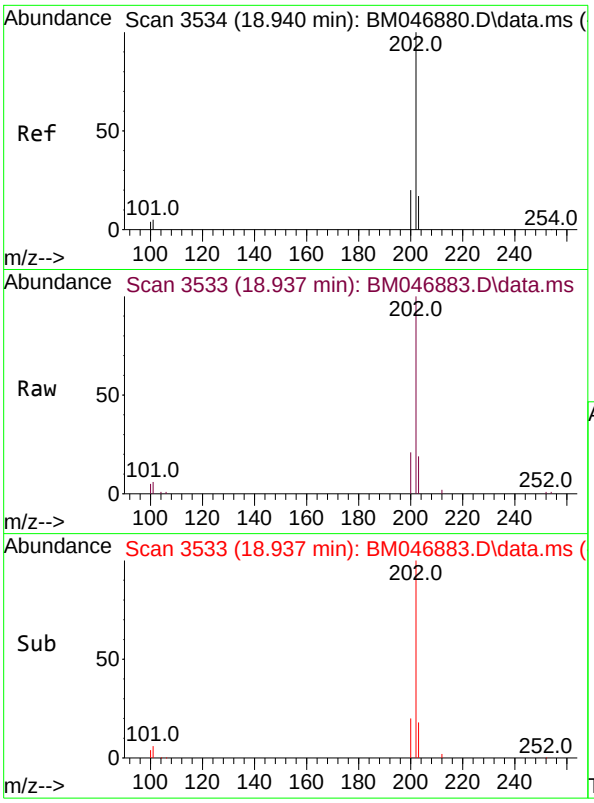


#16
Anthracene
Concen: 0.364 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:178 Resp: 10937

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.1	19.7
176	20.2	15.0	22.6



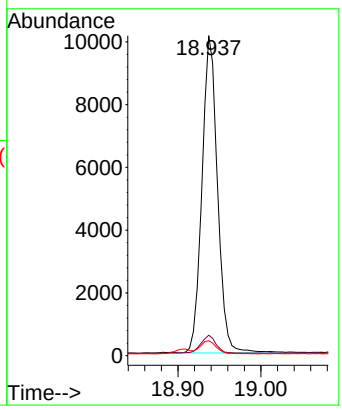


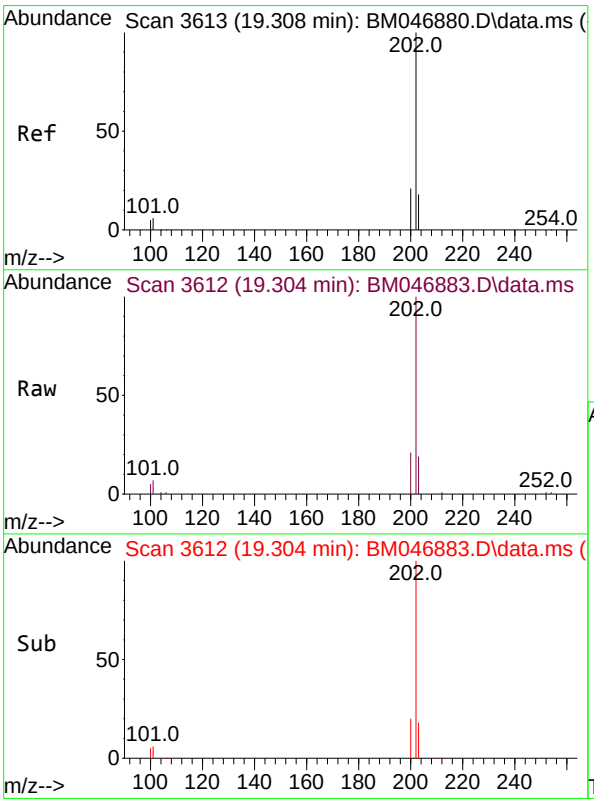
#19
Fluoranthene
Concen: 0.365 ng/ul
RT: 18.937 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:202 Resp: 13213

Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.7	7.1
100	4.7	3.4	5.2

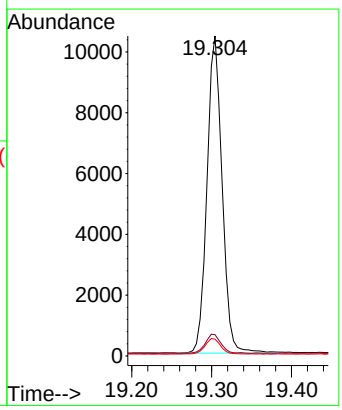


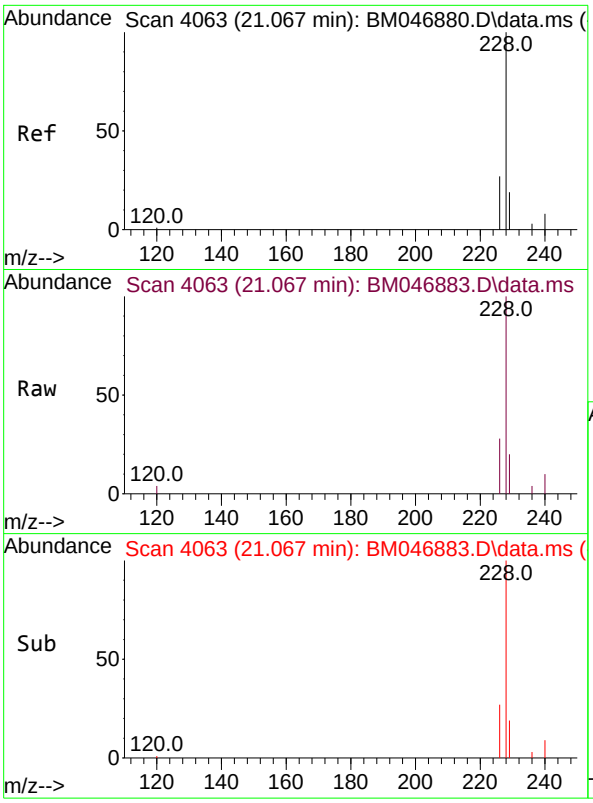


#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:202 Resp: 13714

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
100	5.2	4.3	6.5



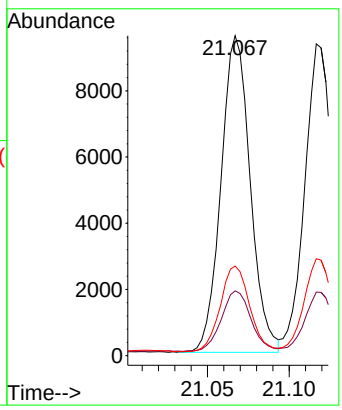


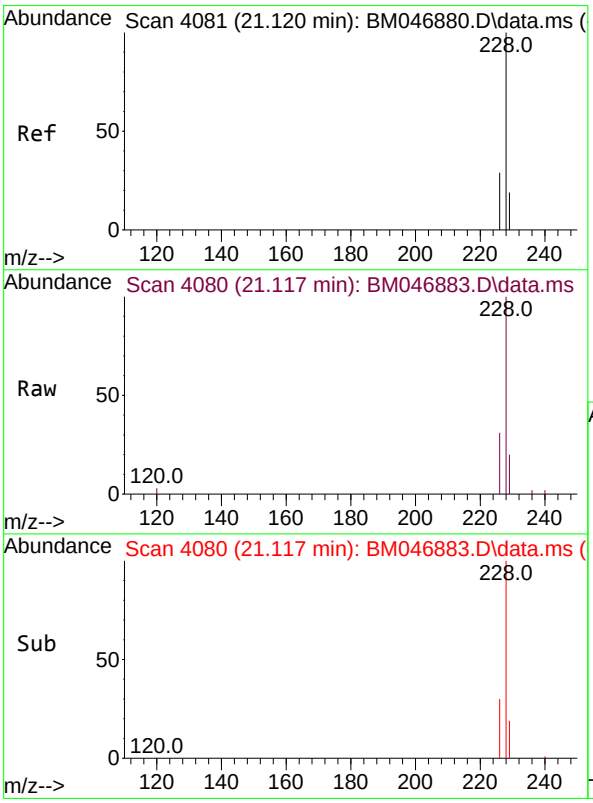
#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.067 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:228 Resp: 11912

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	28.0	22.3	33.5

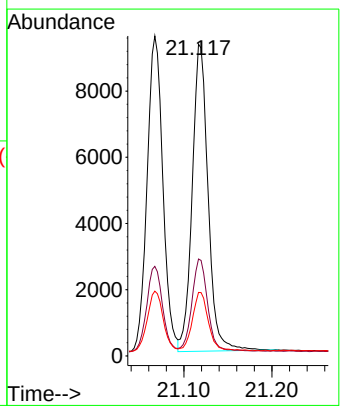


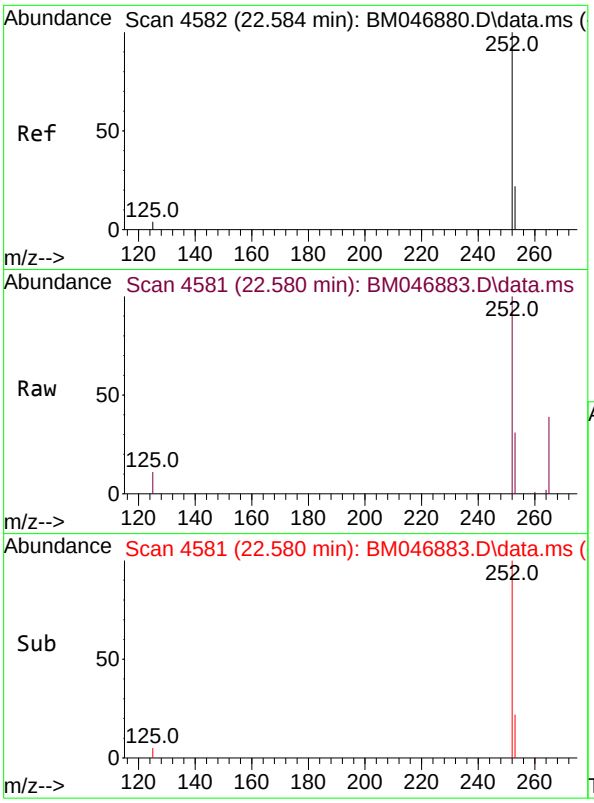


#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:228 Resp: 11648

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	20.4	16.2	24.2



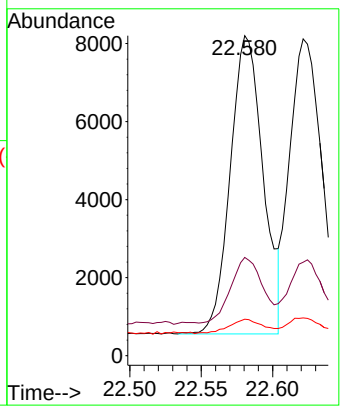


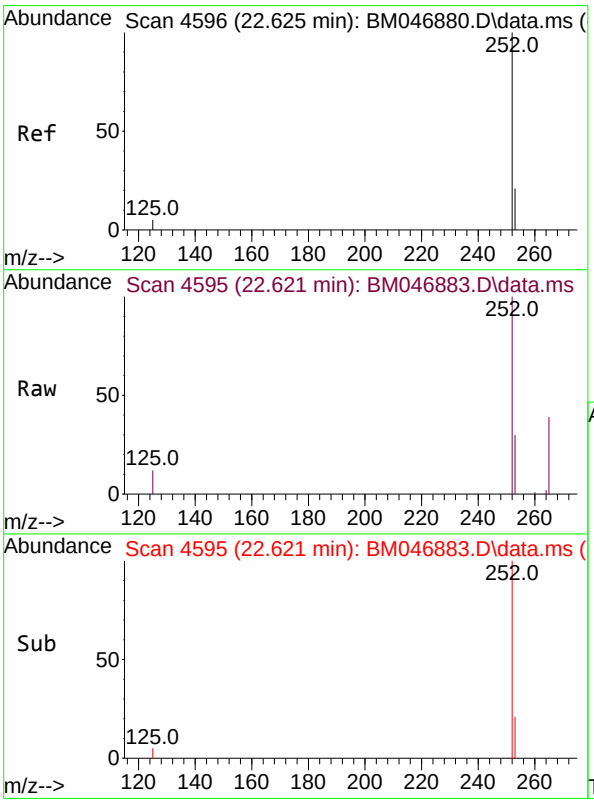
#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul
RT: 22.580 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:252 Resp: 12243

Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	56.4
125	11.4	0.0	15.8

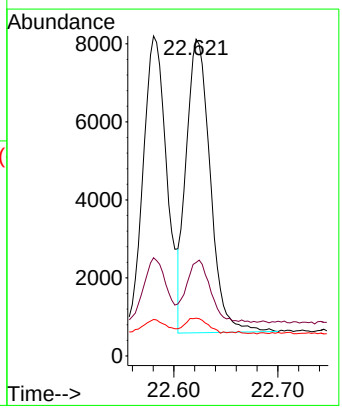


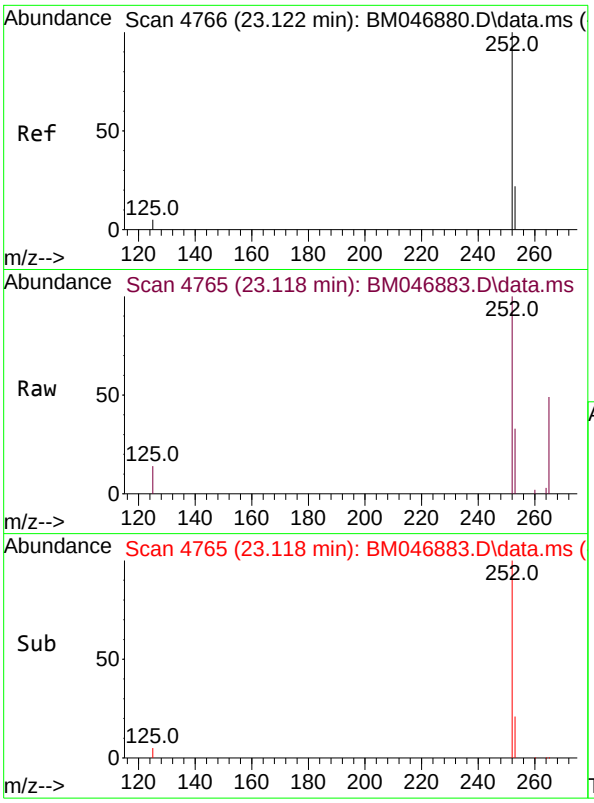


#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:252 Resp: 12106

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.5	35.3
125	11.9	8.6	13.0



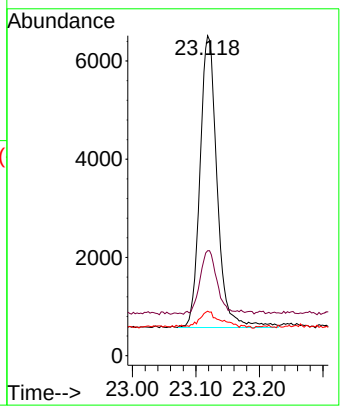


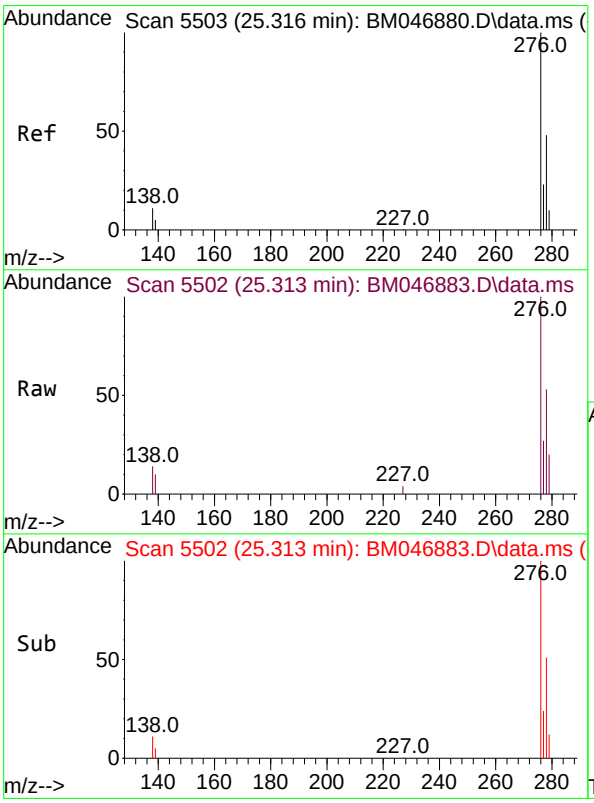
#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.118 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:252 Resp: 11123

Ion	Ratio	Lower	Upper
252	100		
253	32.8	26.0	39.0
125	13.9	7.8	11.8#

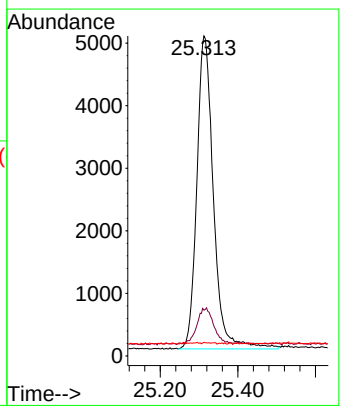


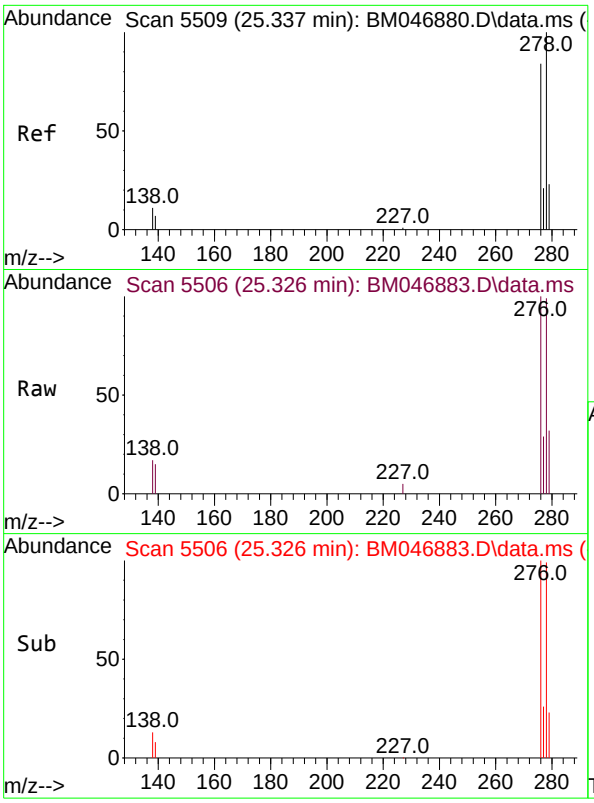


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.003 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:276 Resp: 14779

Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.7	14.5
227	0.1	0.2	0.2#



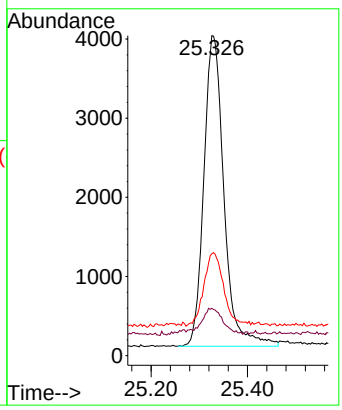


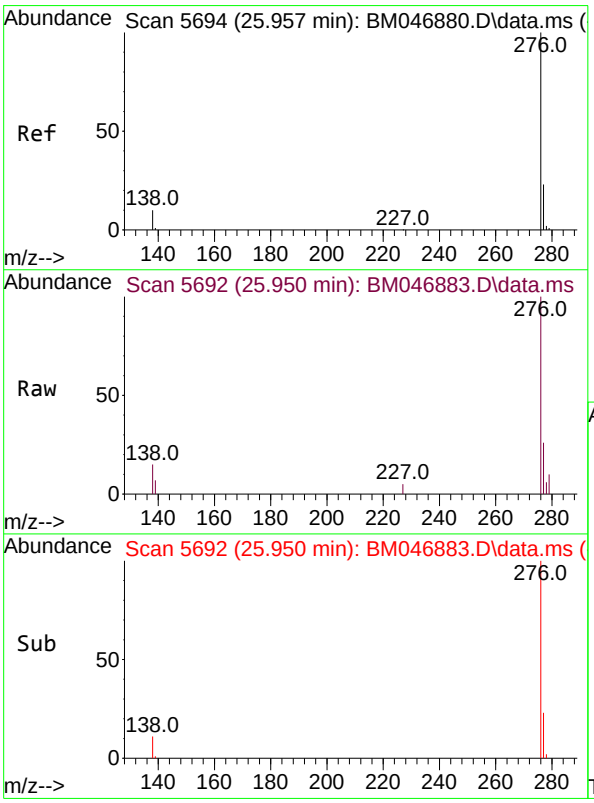
#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.326 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Instrument :
BNA_M
ClientSampleId :
SLCS297

Tgt Ion:278 Resp: 11352

Ion	Ratio	Lower	Upper
278	100		
139	14.8	9.8	14.8#
279	31.9	25.2	37.8





#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046883.D
Acq: 29 Jul 2024 14:49

Tgt Ion:276 Resp: 11751

Ion	Ratio	Lower	Upper
276	100		
138	14.9	9.5	14.3#
277	26.5	20.9	31.3