Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048814.D
Acq On : 02 Dec 2024 20:31
Operator : RC/JU
Sample : SSTD3.223
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Quant Time: Dec 03 00:13:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	3264	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	9243	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.238	164	5150	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	9935	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	7355	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	7215	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	12214	3.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	36771	3.042	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	66768	2.722	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	13444	3.049	ng/ul#	82
5) Naphthalene	10.420	128	71633	3.025	ng/ul	98
7) 2-Methylnaphthalene	12.042	142	45635	2.936	ng/ul	97
8) 1-Methylnaphthalene	12.262	142	46374	2.952	ng/ul	98
10) Acenaphthylene	13.956	152	71259	2.923	ng/ul	97
11) Acenaphthene	14.299	153	52043	3.132	ng/ul	98
12) Fluorene	15.293	166	57807	3.126	ng/ul	99
14) Pentachlorophenol	16.639	266	3711	1.341	ng/ul#	4
15) Phenanthrene	17.027	178	84921	2.990	ng/ul	97
16) Anthracene	17.116	178	80655	2.846	ng/ul	95
19) Fluoranthene	19.049	202	96474	2.580	ng/ul	98
20) Pyrene	19.411	202	97539	2.443	ng/ul	97
21) Benzo(a)anthracene	21.166	228	74253	2.131	ng/ul	98
22) Chrysene	21.219	228	89224	2.687	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	75216	2.497	ng/ul	87
25) Benzo(k)fluoranthene	22.756	252	89926	2.993	ng/ul#	87
26) Benzo(a)pyrene	23.267	252	71731	2.575	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.531	276	98596	2.673	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.551	278	76142	2.769	ng/ul#	89
29) Benzo(g,h,i)perylene	26.185	276	81067	2.766	ng/ul	94

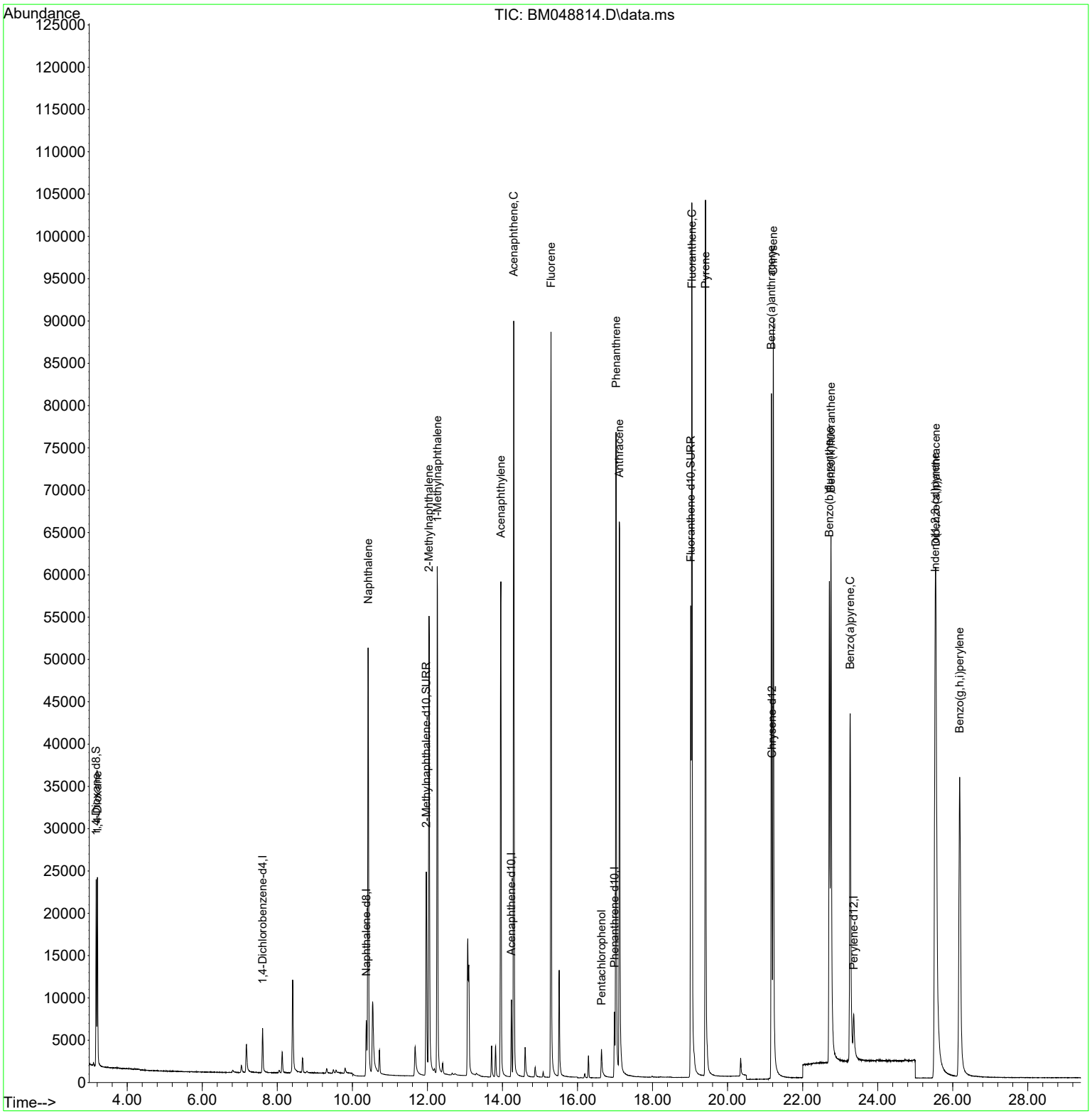
(#) = qualifier out of range (m) = manual integration (+) = signals summed

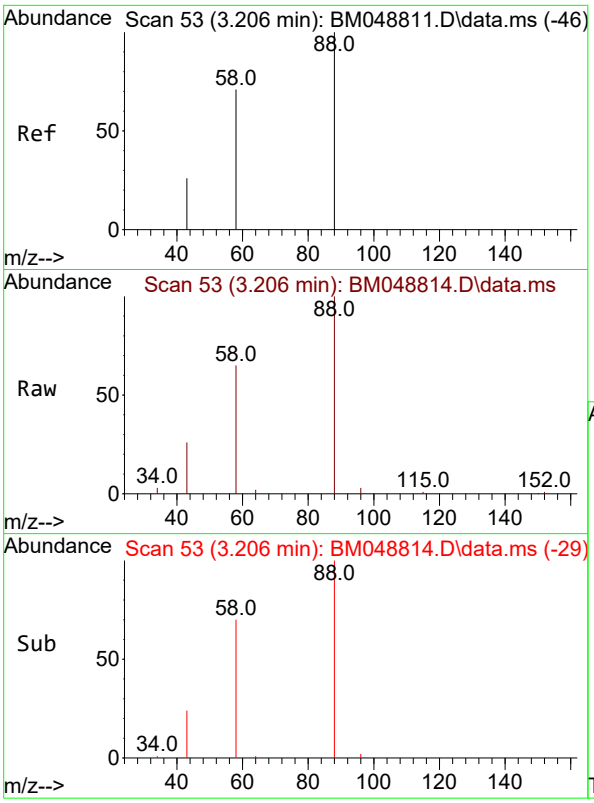
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048814.D
Acq On : 02 Dec 2024 20:31
Operator : RC/JU
Sample : SSTD3.223
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Quant Time: Dec 03 00:13:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration



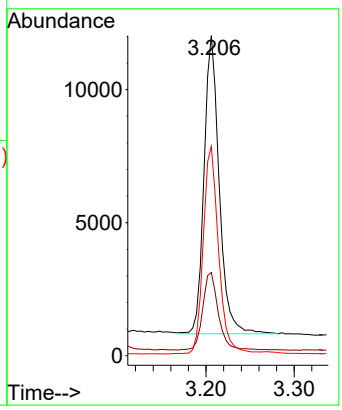


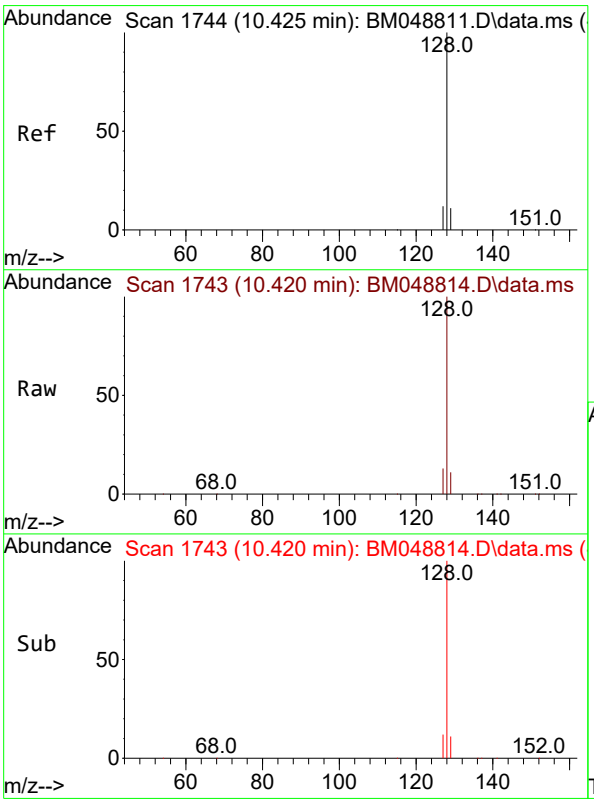
#2
1,4-Dioxane
Concen: 3.049 ng/ul
RT: 3.206 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion: 88 Resp: 13444

Ion	Ratio	Lower	Upper
88	100		
43	26.0	20.6	30.8
58	65.4	37.6	56.4#

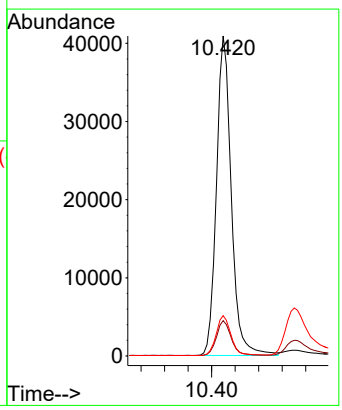


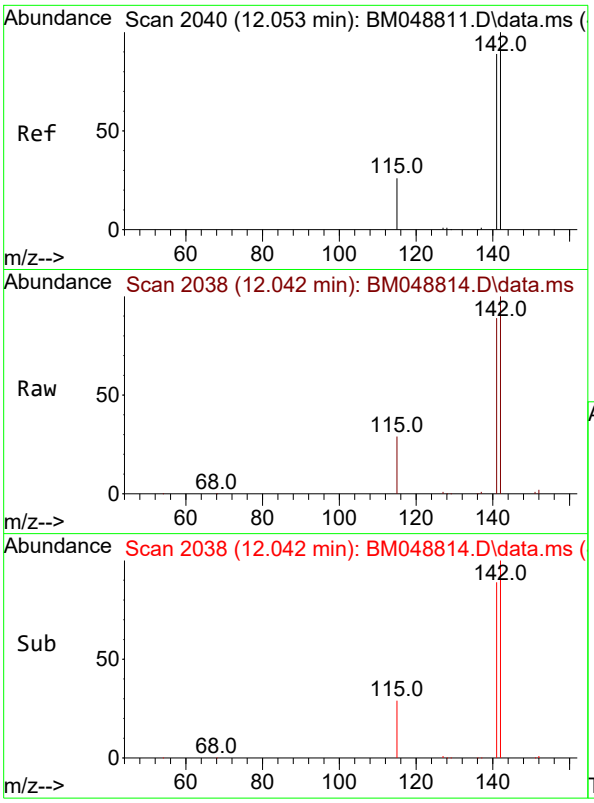


#5
Naphthalene
Concen: 3.025 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:128 Resp: 71633

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	12.6	10.7	16.1



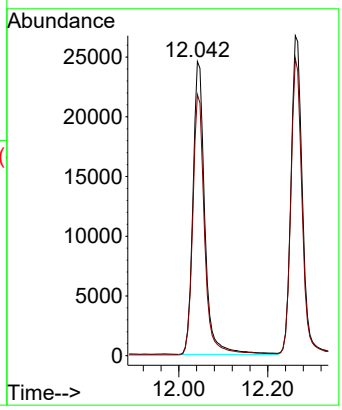


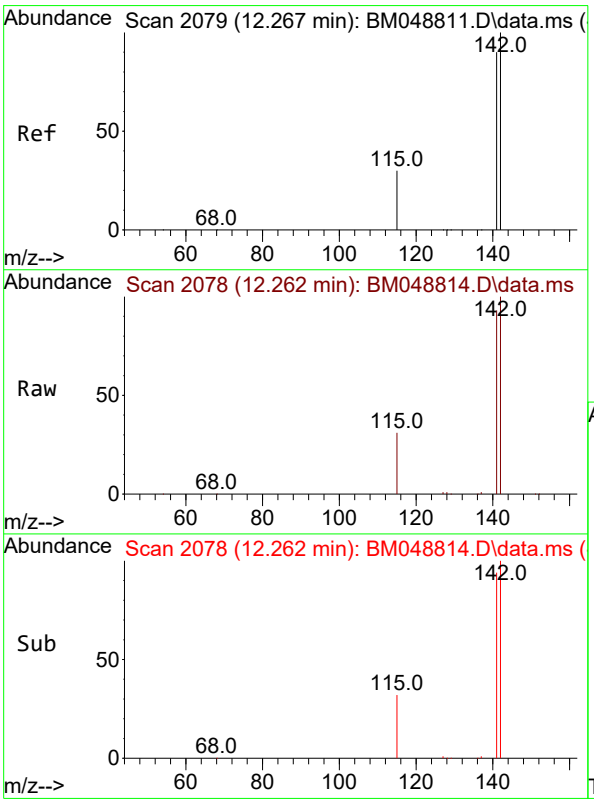
#7
2-Methylnaphthalene
Concen: 2.936 ng/ul
RT: 12.042 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:142 Resp: 45635

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.0	109.6

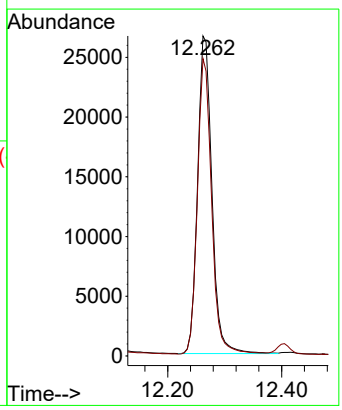


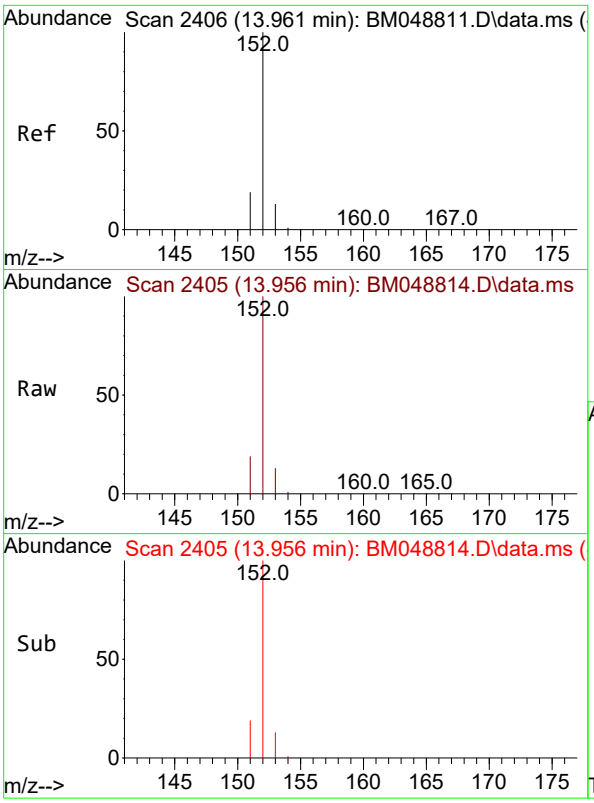


#8
1-Methylnaphthalene
Concen: 2.952 ng/ul
RT: 12.262 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:142 Resp: 46374

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.5	108.7



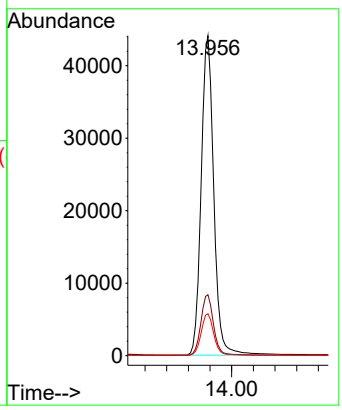


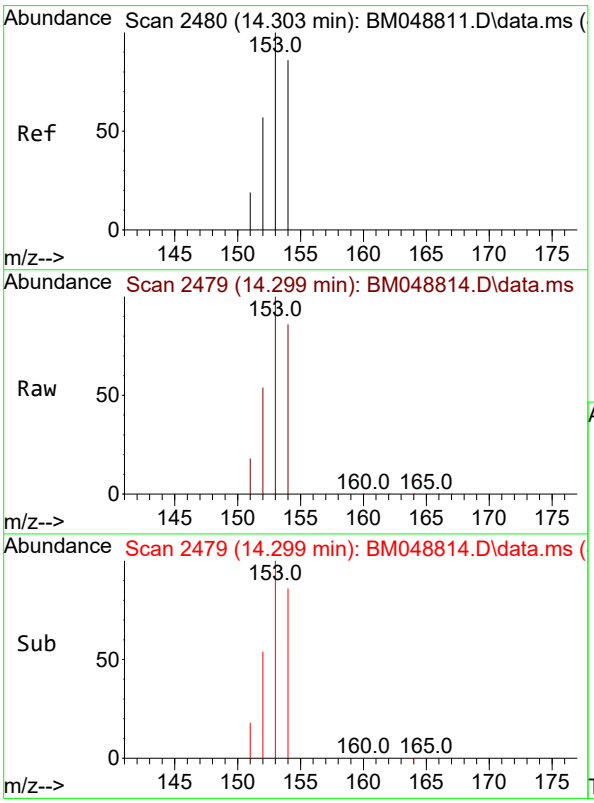
#10
Acenaphthylene
Concen: 2.923 ng/ul
RT: 13.956 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:152 Resp: 71259

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	13.1	11.7	17.5

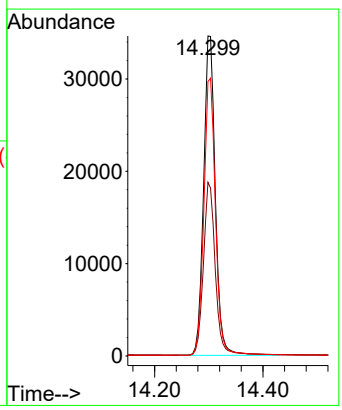


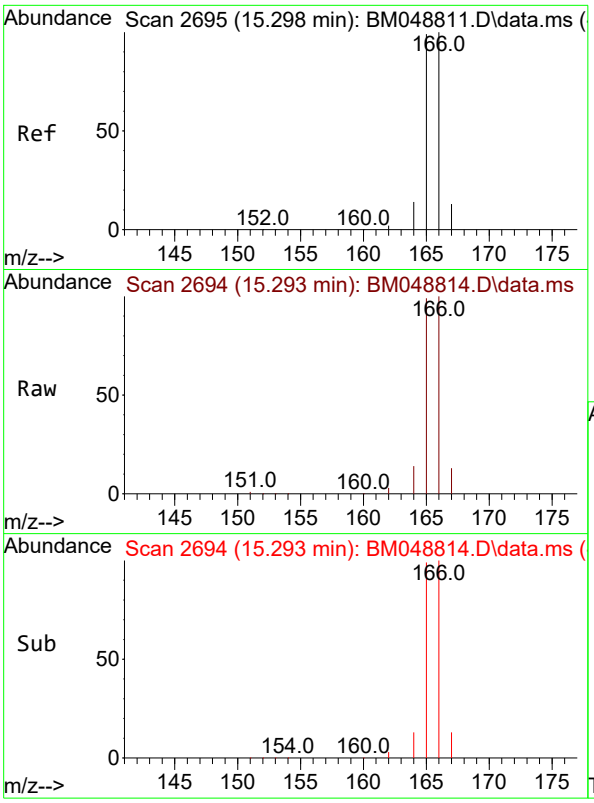


#11
Acenaphthene
Concen: 3.132 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.004 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:153 Resp: 52043

Ion	Ratio	Lower	Upper
153	100		
152	54.3	46.5	69.7
154	85.7	68.7	103.1



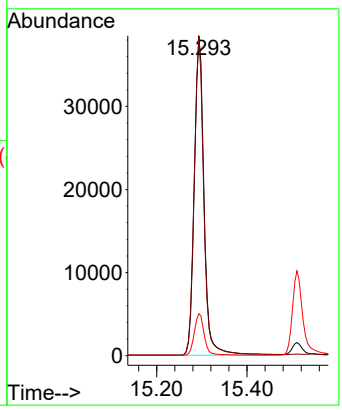


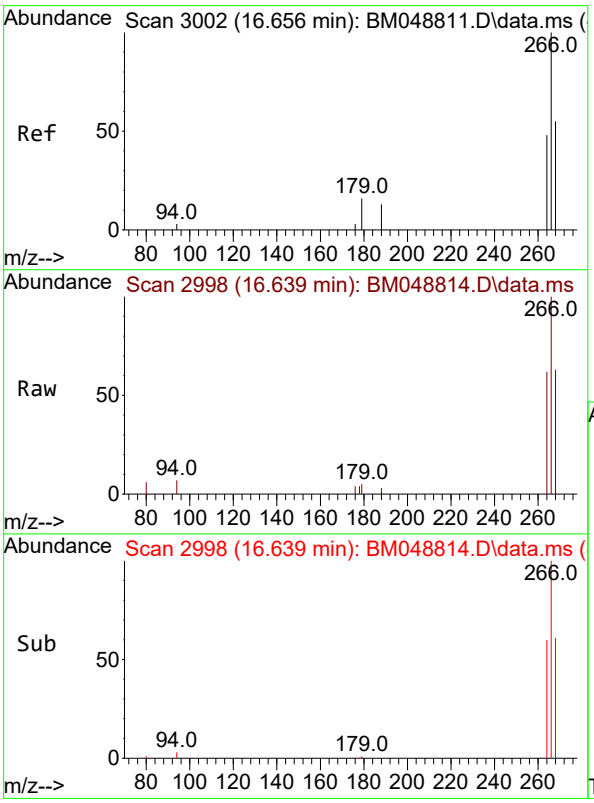
#12
Fluorene
Concen: 3.126 ng/ul
RT: 15.293 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:166 Resp: 57807

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.6
167	13.1	12.2	18.2

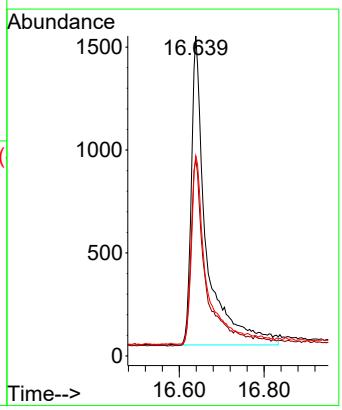


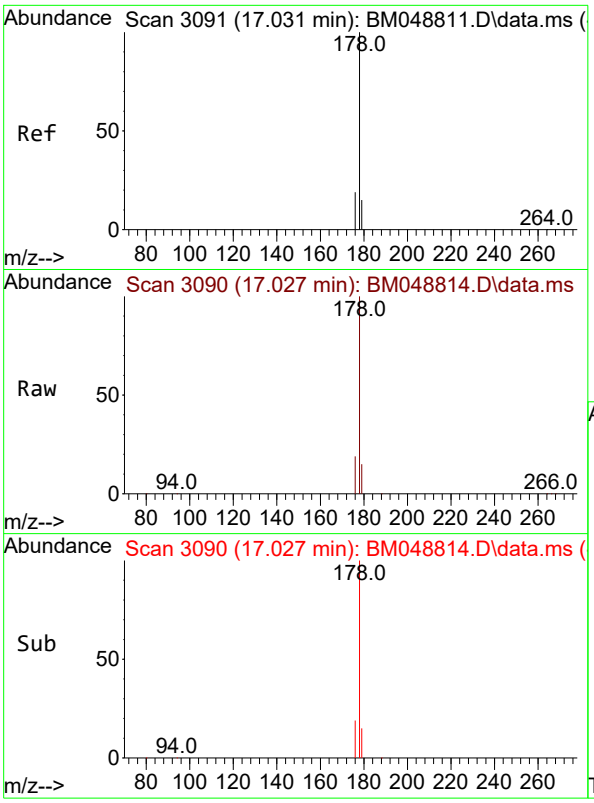


#14
Pentachlorophenol
Concen: 1.341 ng/ul
RT: 16.639 min Scan# 2998
Delta R.T. -0.017 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:266 Resp: 3711

Ion	Ratio	Lower	Upper
266	100		
264	62.5	15.3	22.9#
268	62.8	0.0	0.0#



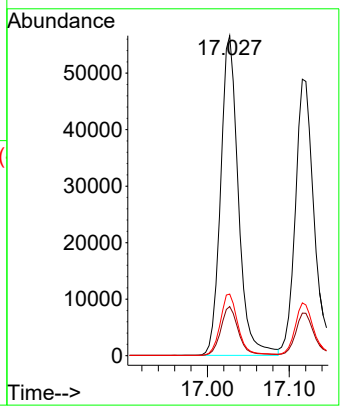


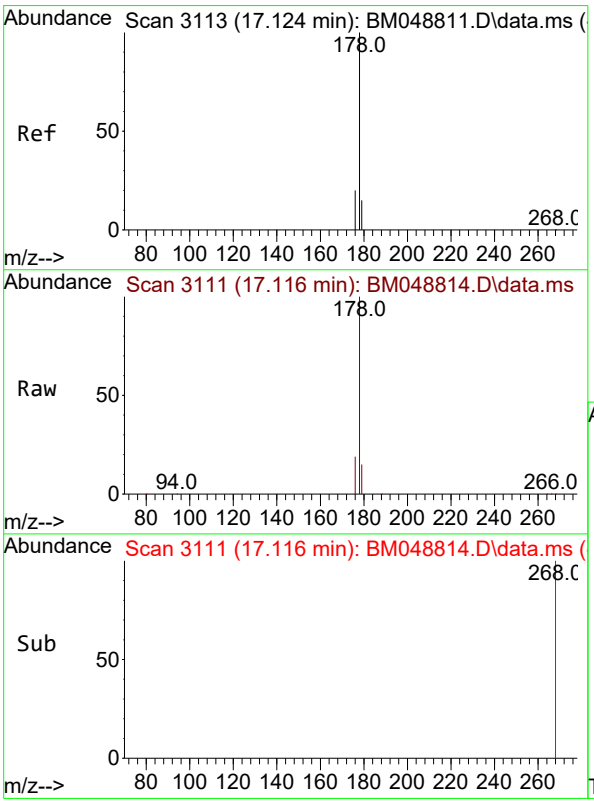
#15
Phenanthrene
Concen: 2.990 ng/ul
RT: 17.027 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:178 Resp: 84921

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.0
176	19.2	16.2	24.4

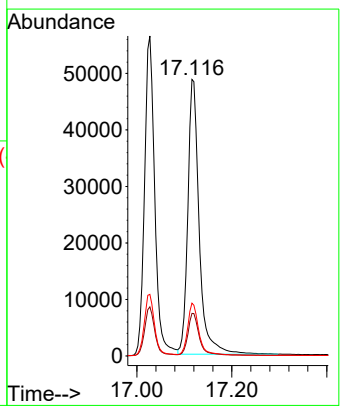


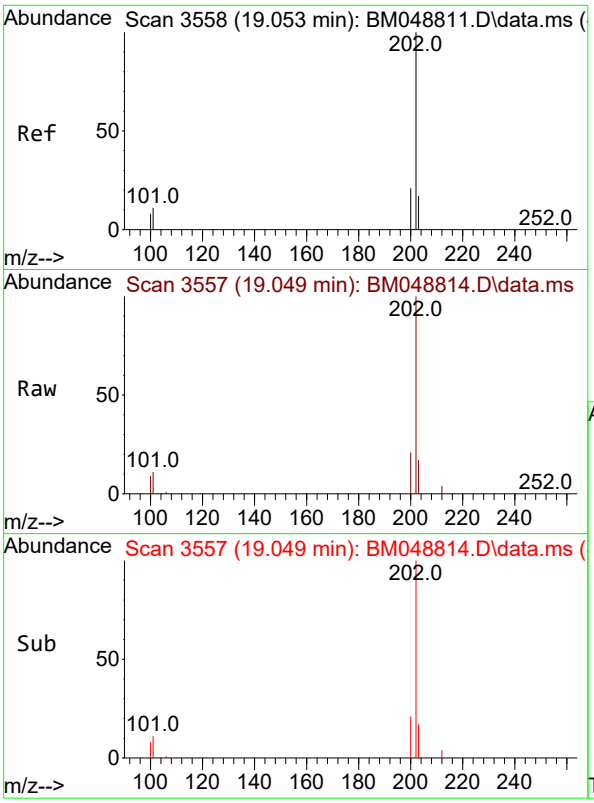


#16
Anthracene
Concen: 2.846 ng/ul
RT: 17.116 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:178 Resp: 80655

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.0	21.0
176	19.1	17.0	25.4



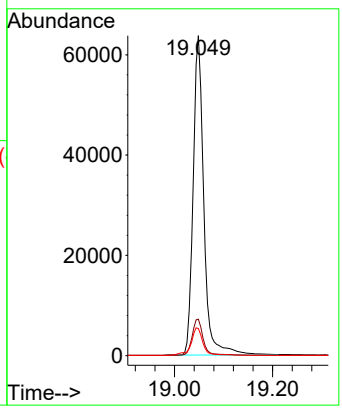


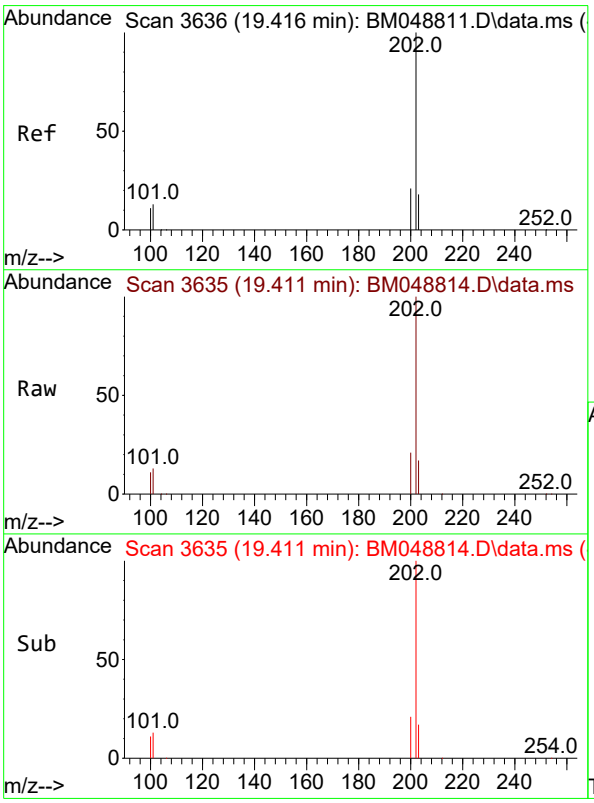
#19
Fluoranthene
Concen: 2.580 ng/ul
RT: 19.049 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:202 Resp: 96474

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.7	14.5
100	8.5	7.5	11.3

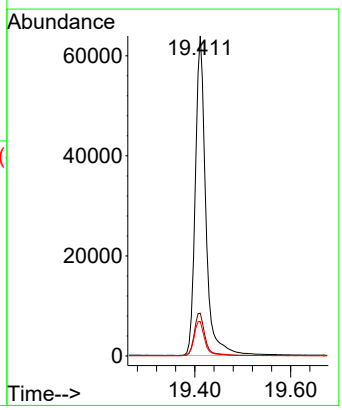


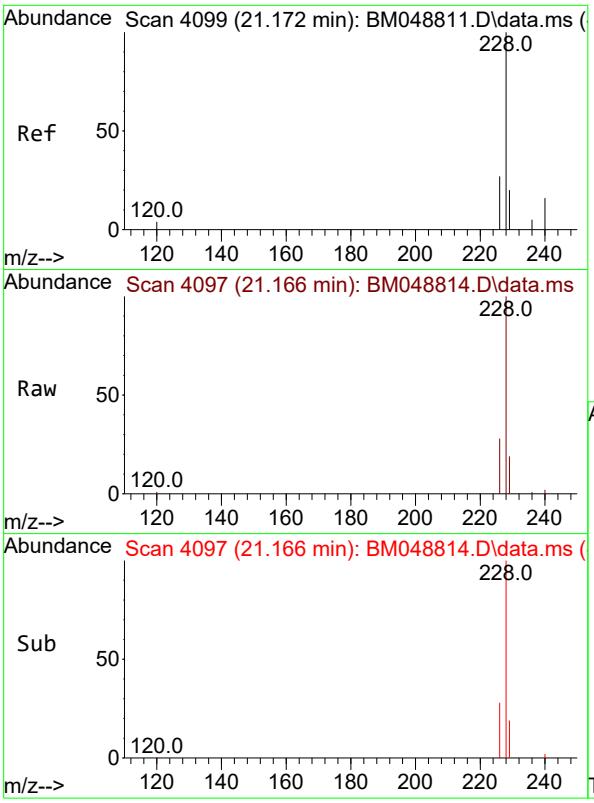


#20
Pyrene
Concen: 2.443 ng/ul
RT: 19.411 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:202 Resp: 97539

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.6	17.4
100	10.8	9.4	14.0



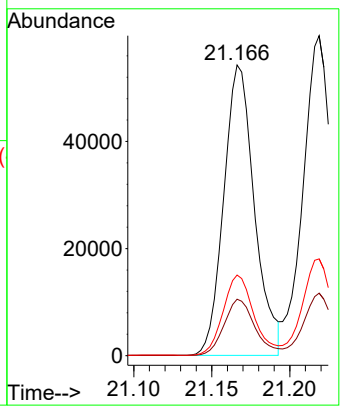


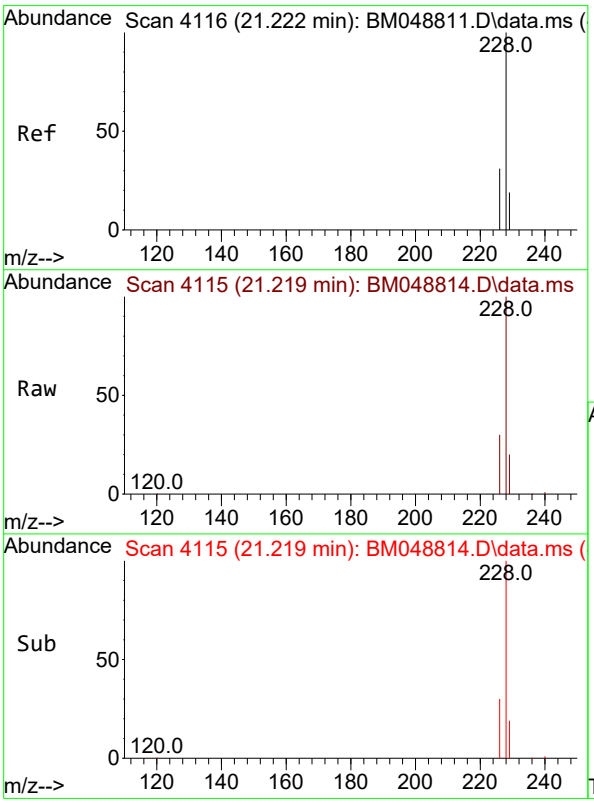
#21
Benzo(a)anthracene
Concen: 2.131 ng/ul
RT: 21.166 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:228 Resp: 74253

Ion	Ratio	Lower	Upper
228	100		
229	19.4	17.0	25.6
226	27.7	22.5	33.7

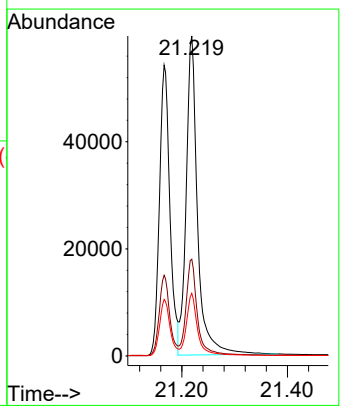


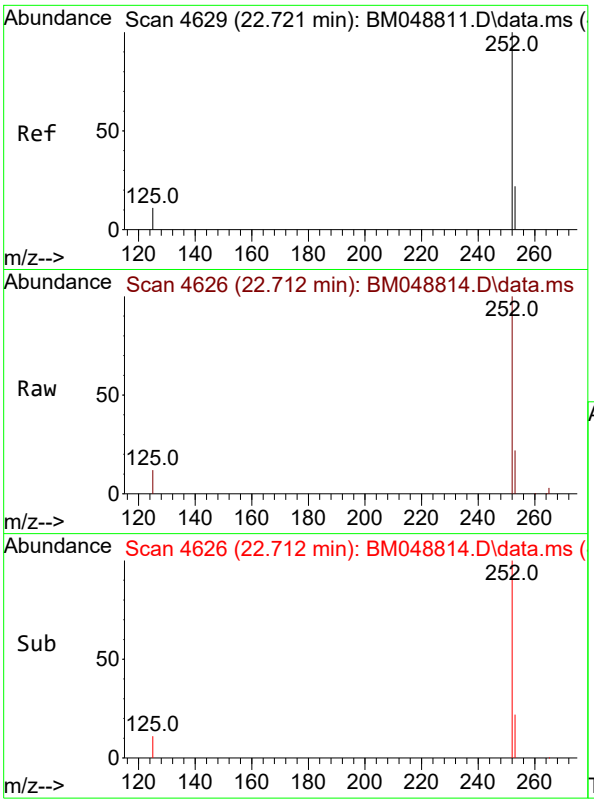


#22
Chrysene
Concen: 2.687 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:228 Resp: 89224

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.5	16.1	24.1



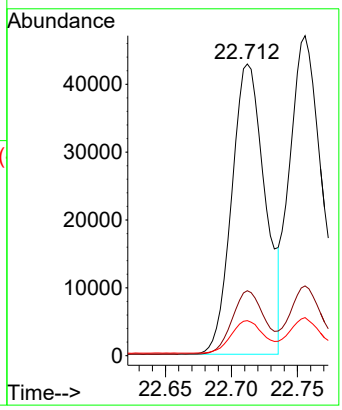


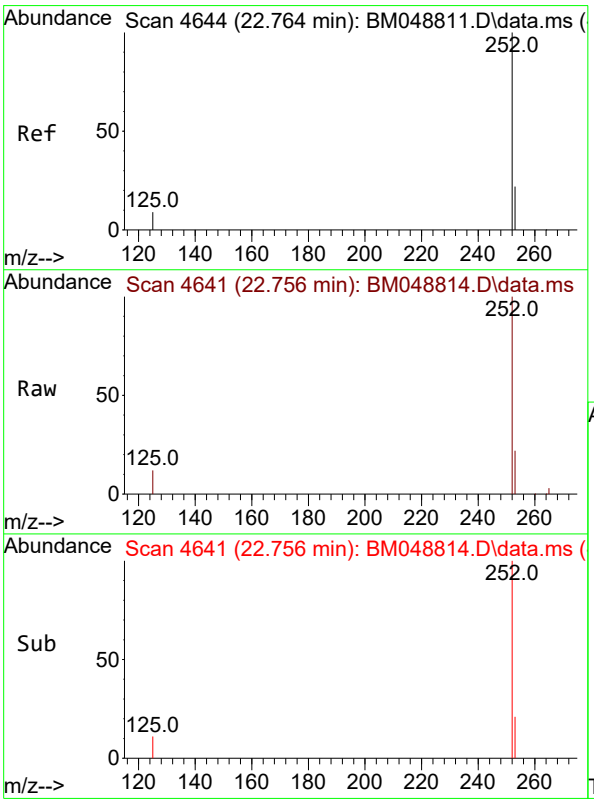
#24
Benzo(b)fluoranthene
Concen: 2.497 ng/ul
RT: 22.712 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:252 Resp: 75216

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	54.2
125	12.0	0.0	41.4

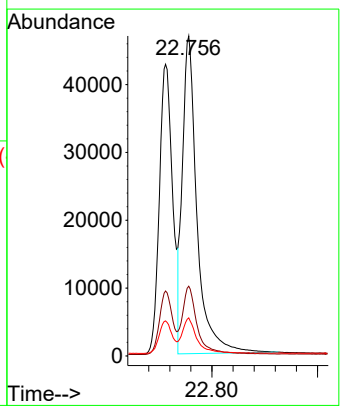


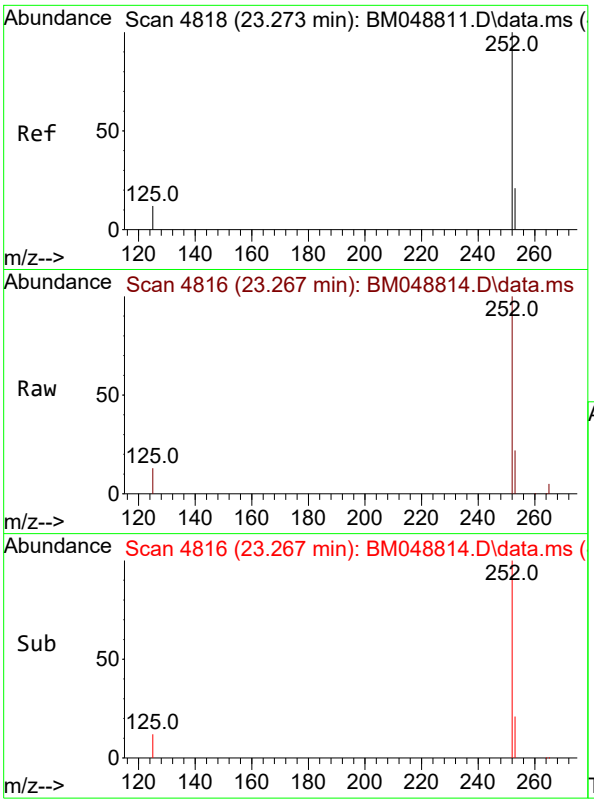


#25
Benzo(k)fluoranthene
Concen: 2.993 ng/ul
RT: 22.756 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:252 Resp: 89926

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.8	31.2
125	11.9	16.2	24.4#



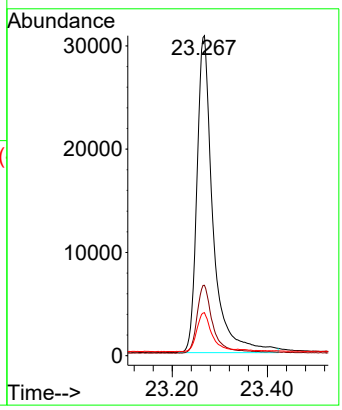


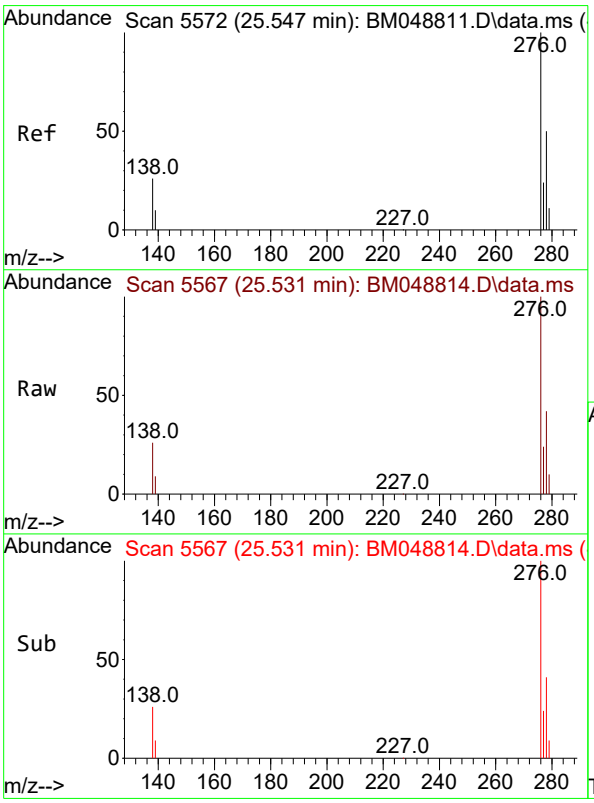
#26
Benzo(a)pyrene
Concen: 2.575 ng/ul
RT: 23.267 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:252 Resp: 71731

Ion	Ratio	Lower	Upper
252	100		
253	22.0	22.5	33.7#
125	13.5	20.6	30.8#

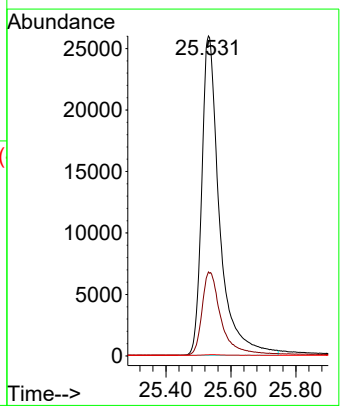


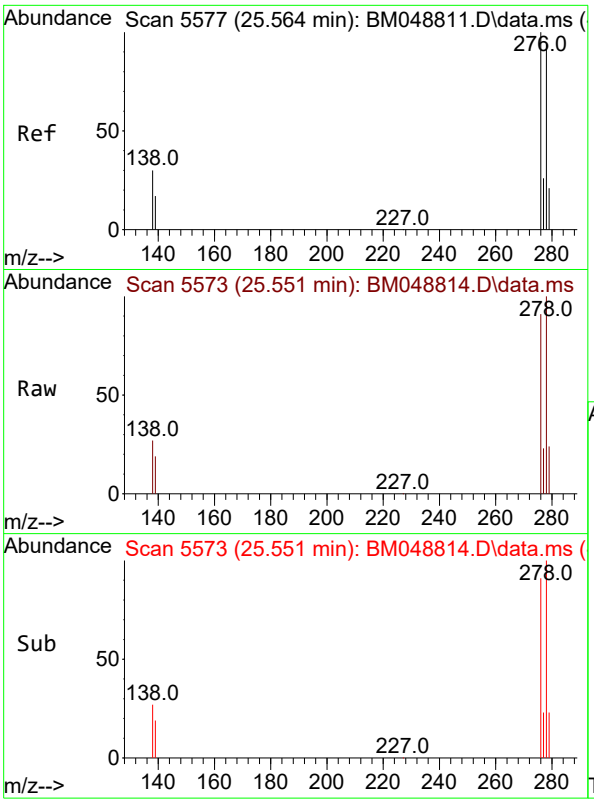


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.673 ng/ul
RT: 25.531 min Scan# 5567
Delta R.T. -0.017 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:276 Resp: 98596

Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.3	34.9
227	0.2	0.1	0.1#



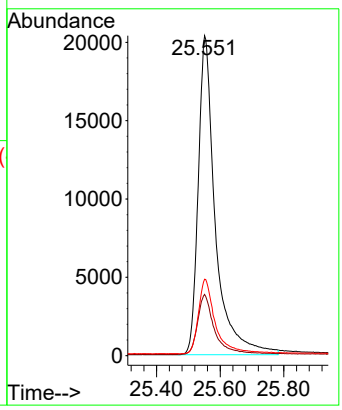


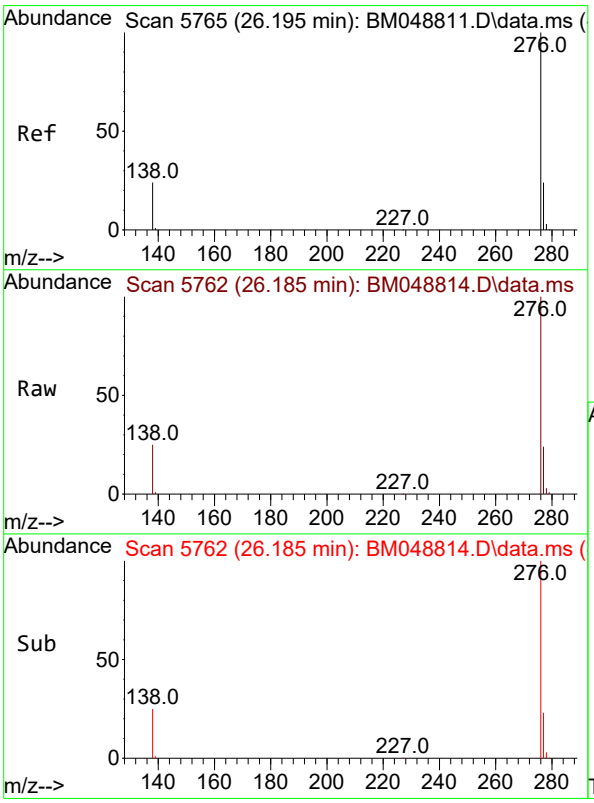
#28
Dibenzo(a,h)anthracene
Concen: 2.769 ng/ul
RT: 25.551 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.2004

Tgt Ion:278 Resp: 76142

Ion	Ratio	Lower	Upper
278	100		
139	19.2	18.6	27.8
279	23.9	24.7	37.1#





#29
Benzo(g,h,i)perylene
Concen: 2.766 ng/ul
RT: 26.185 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM048814.D
Acq: 02 Dec 2024 20:31

Tgt Ion:276 Resp: 81067

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.2	33.2
277	23.6	21.8	32.6