Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049190.D
Acq On : 24 Dec 2024 18:53
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Quant Time: Dec 24 21:41:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6078	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.315	136	18761	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	11021	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	23638	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	19033	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	20737	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	3179	0.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	10858	0.431	ng/ul	-0.02
18) Fluoranthene-d10	18.974	212	23952	0.444	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	3485	0.425	ng/ul#	87
5) Naphthalene	10.359	128	20062	0.427	ng/ul	100
7) 2-Methylnaphthalene	11.987	142	12892	0.433	ng/ul	100
8) 1-Methylnaphthalene	12.207	142	13144	0.431	ng/ul	100
10) Acenaphthylene	13.905	152	19006	0.416	ng/ul	99
11) Acenaphthene	14.248	153	14244	0.427	ng/ul	99
12) Fluorene	15.242	166	16176	0.430	ng/ul	100
14) Pentachlorophenol	16.597	266	2118	0.324	ng/ul	95
15) Phenanthrene	16.977	178	25575	0.414	ng/ul	99
16) Anthracene	17.069	178	23612	0.417	ng/ul	100
19) Fluoranthene	19.002	202	30702	0.446	ng/ul	100
20) Pyrene	19.365	202	32710	0.446	ng/ul	99
21) Benzo(a)anthracene	21.122	228	27569	0.416	ng/ul	99
22) Chrysene	21.172	228	30171	0.425	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	28492	0.430	ng/ul	95
25) Benzo(k)fluoranthene	22.694	252	32102	0.442	ng/ul	95
26) Benzo(a)pyrene	23.200	252	27101	0.427	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.430	276	37668	0.419	ng/ul	98
28) Dibenzo(a,h)anthracene	25.443	278	28930	0.414	ng/ul	97
29) Benzo(g,h,i)perylene	26.077	276	30623	0.424	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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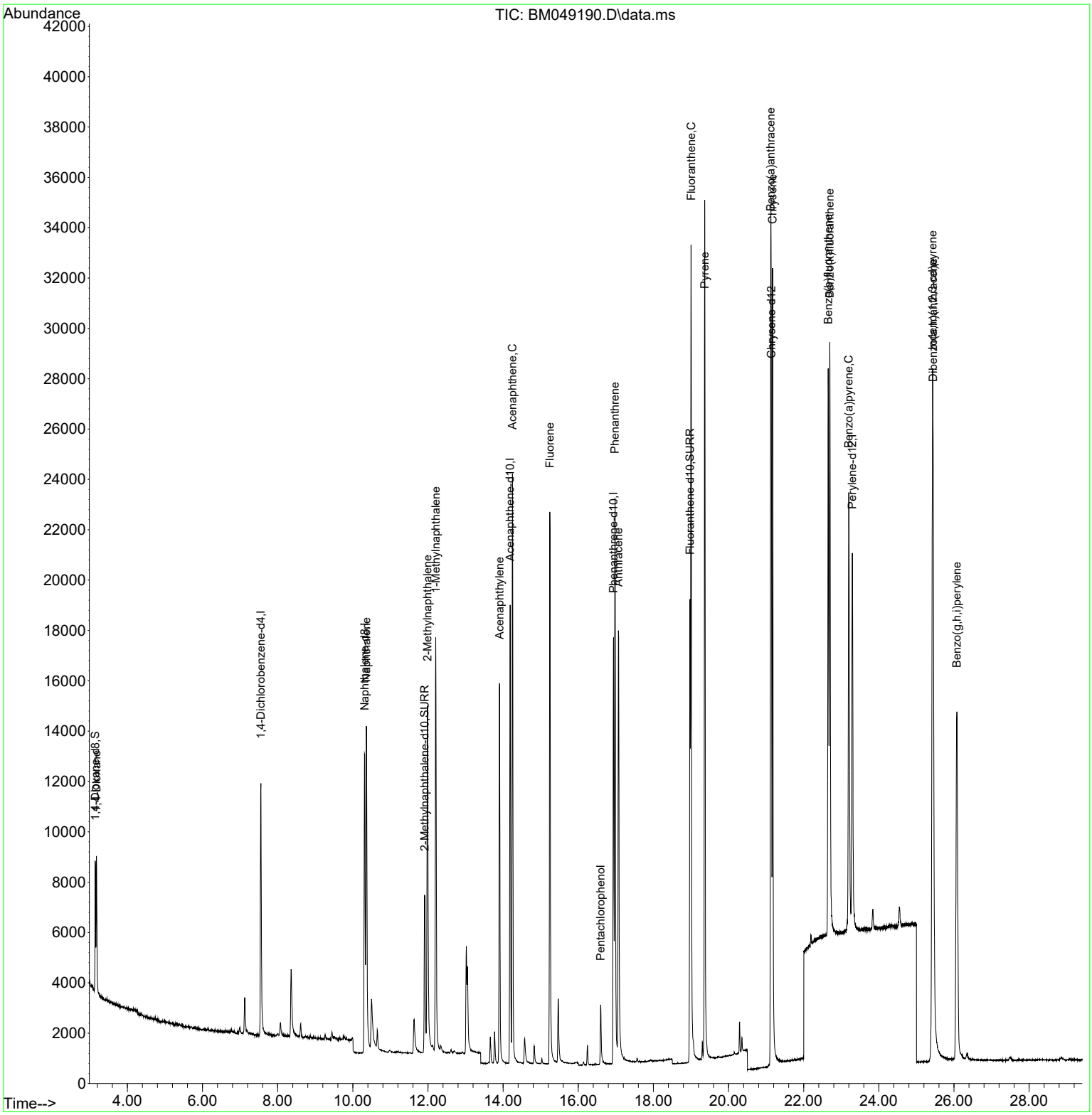
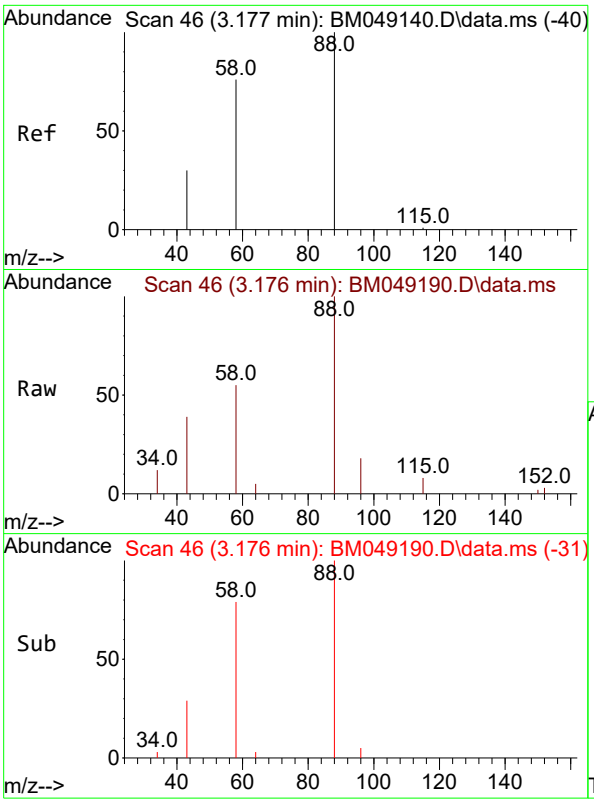
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



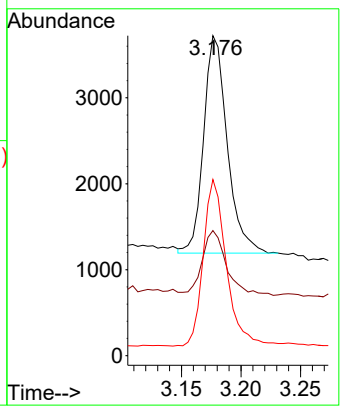


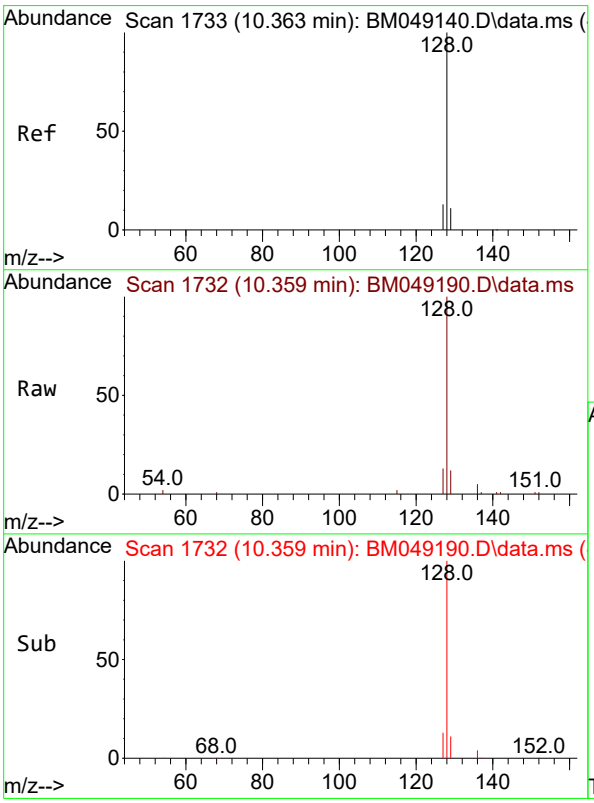
#2
1,4-Dioxane
Concen: 0.425 ng/ul
RT: 3.176 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion: 88 Resp: 3485

Ion	Ratio	Lower	Upper
88	100		
43	39.1	45.4	68.2#
58	55.0	43.6	65.4

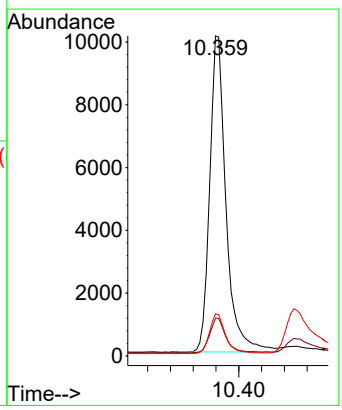


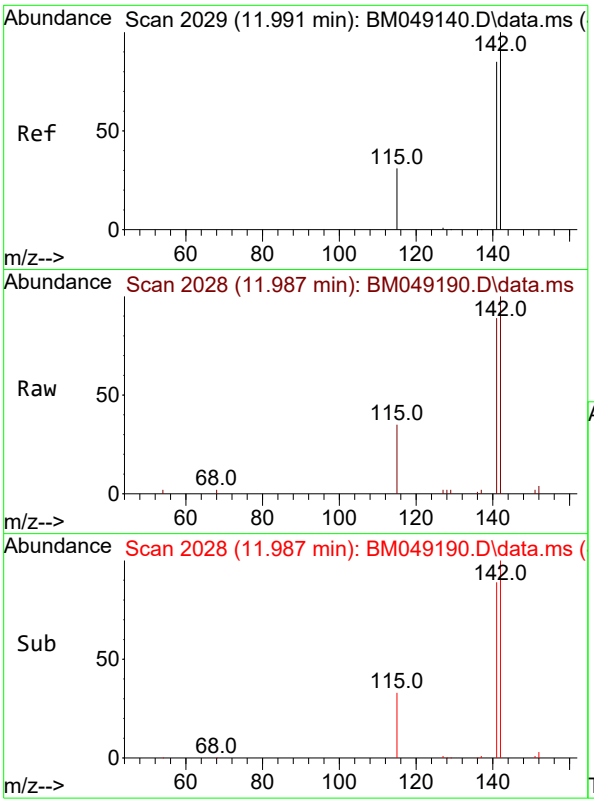


#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:128 Resp: 20062

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.2	10.6	16.0



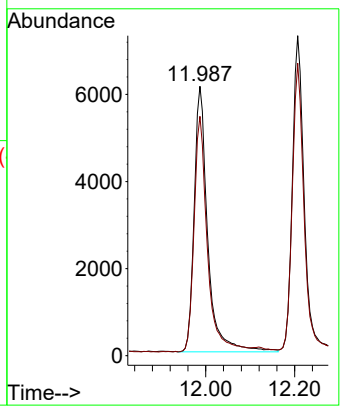


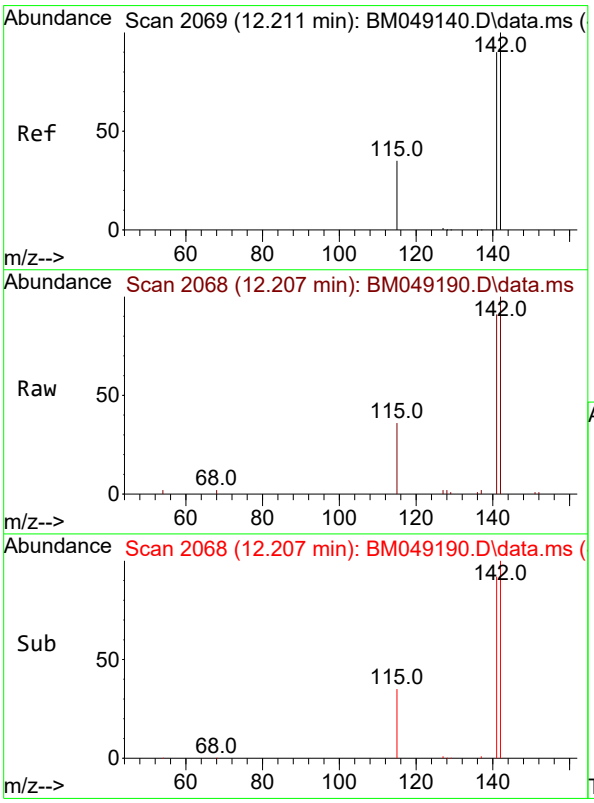
#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 11.987 min Scan# 2
Delta R.T. -0.015 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:142 Resp: 12892

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5

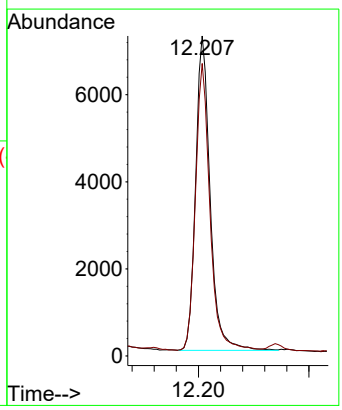


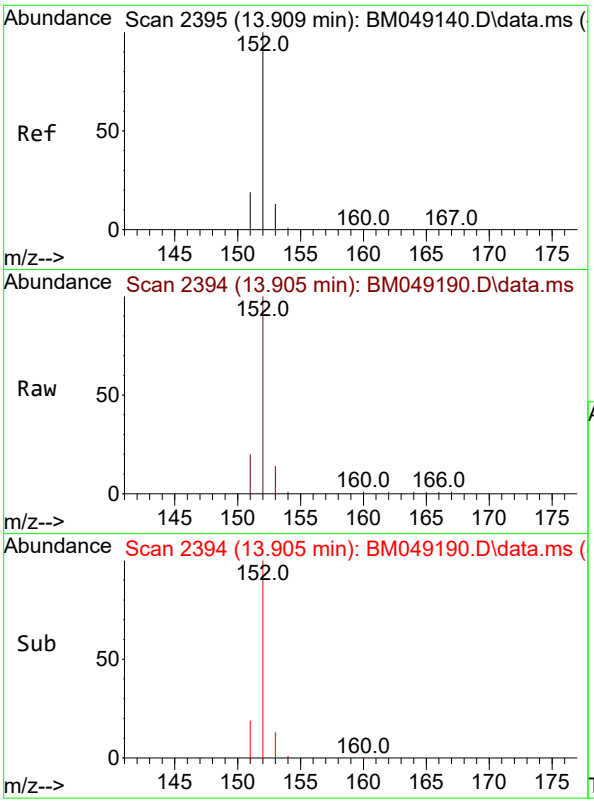


#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:142 Resp: 13144

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1



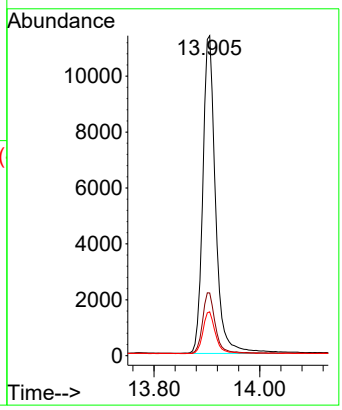


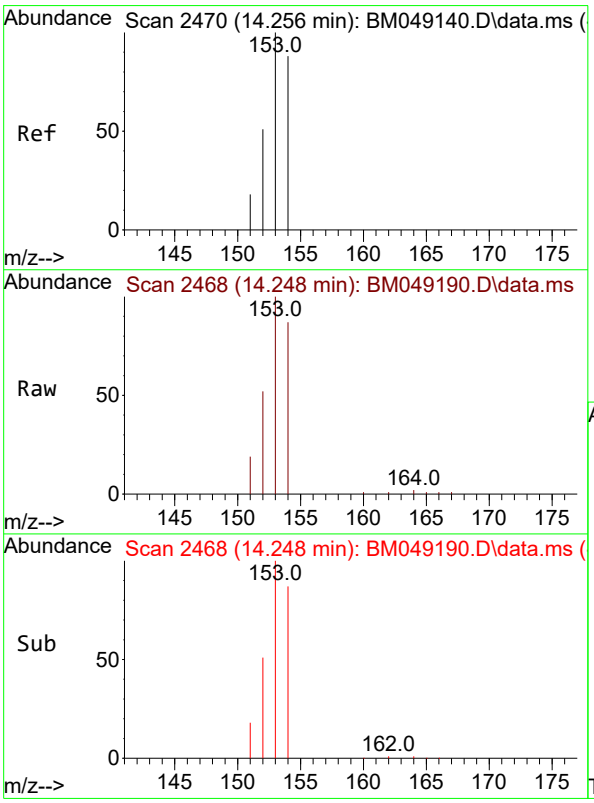
#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 13.905 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:152 Resp: 19006

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.7	11.0	16.6

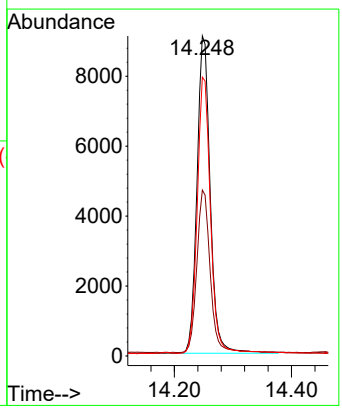


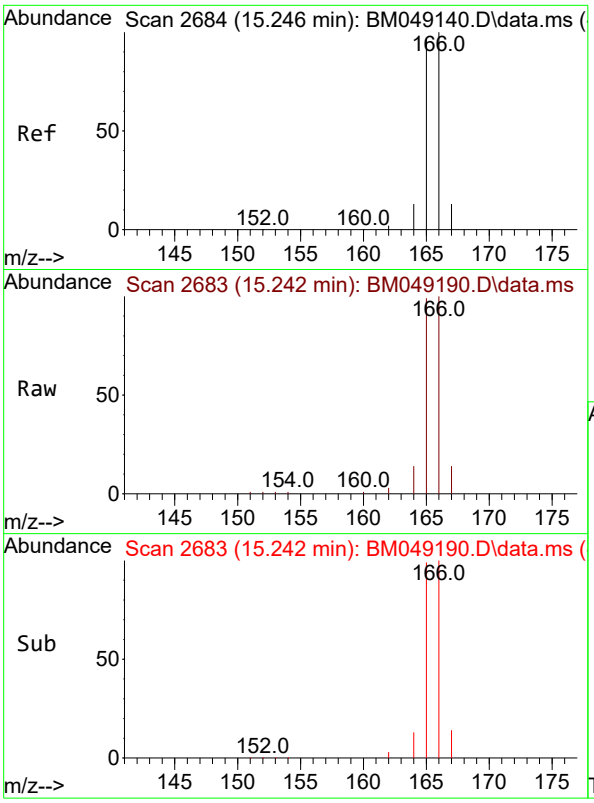


#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:153 Resp: 14244

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.7	61.1
154	87.1	70.8	106.2



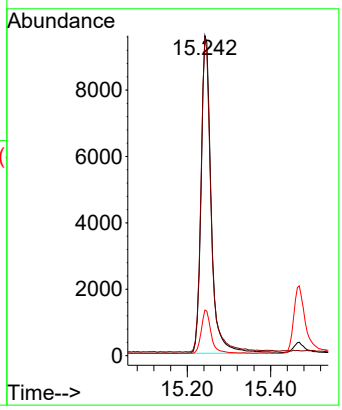


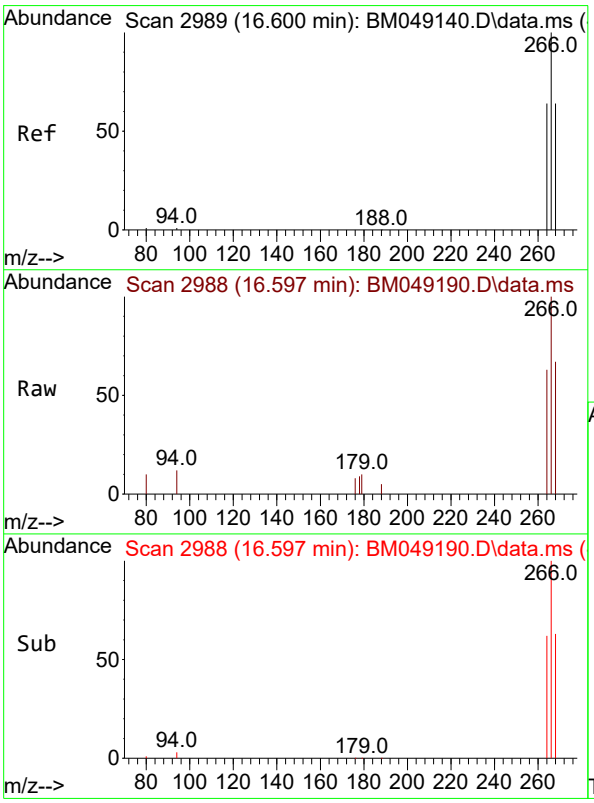
#12
Fluorene
Concen: 0.430 ng/ul
RT: 15.242 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:166 Resp: 16176

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	14.2	11.4	17.0

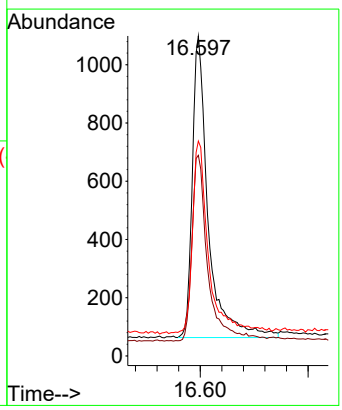


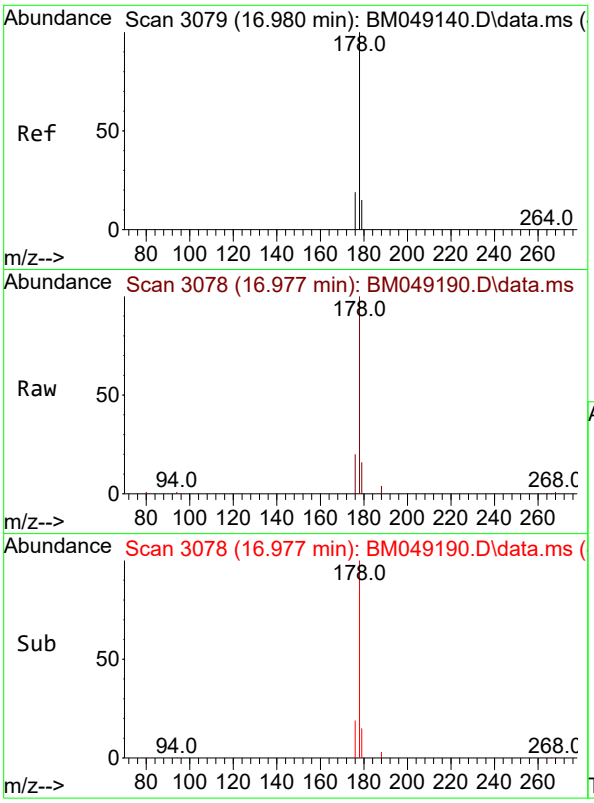


#14
Pentachlorophenol
Concen: 0.324 ng/ul
RT: 16.597 min Scan# 2988
Delta R.T. -0.011 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:266 Resp: 2118

Ion	Ratio	Lower	Upper
266	100		
264	61.6	48.3	72.5
268	65.4	47.5	71.3



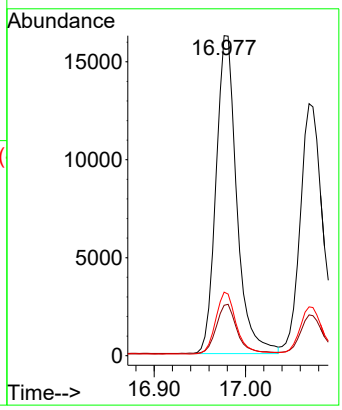


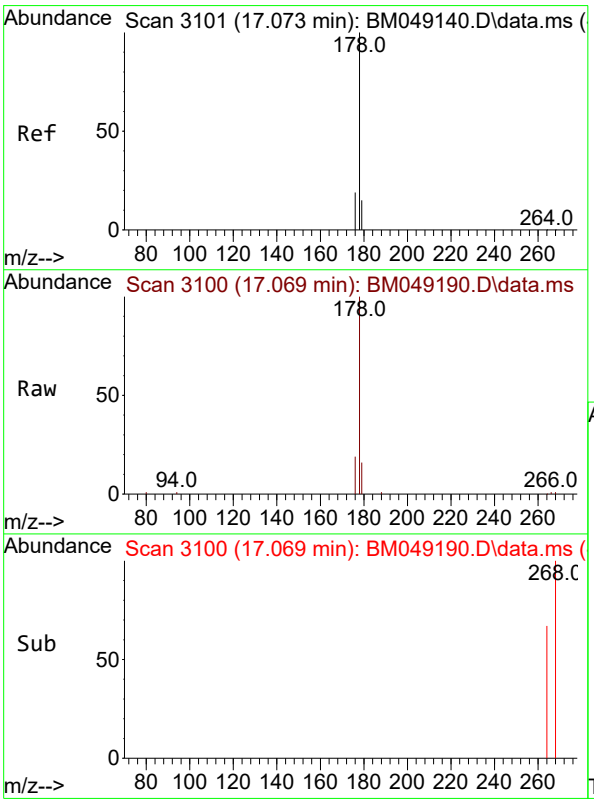
#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 16.977 min Scan# 3
Delta R.T. -0.016 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:178 Resp: 25575

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.9	16.2	24.2

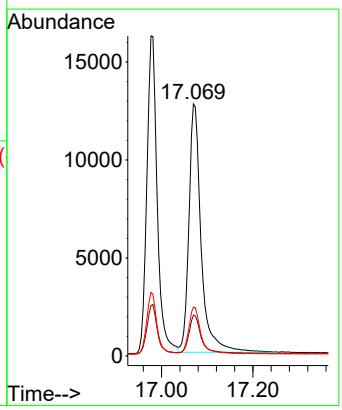


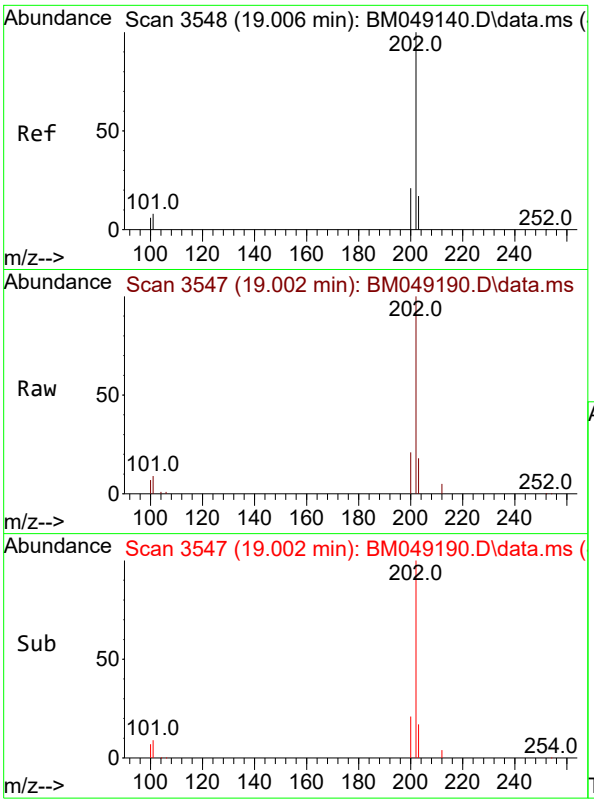


#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.069 min Scan# 3100
Delta R.T. -0.016 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:178 Resp: 23612

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.4	15.3	22.9



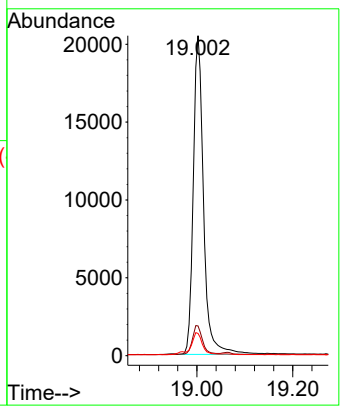


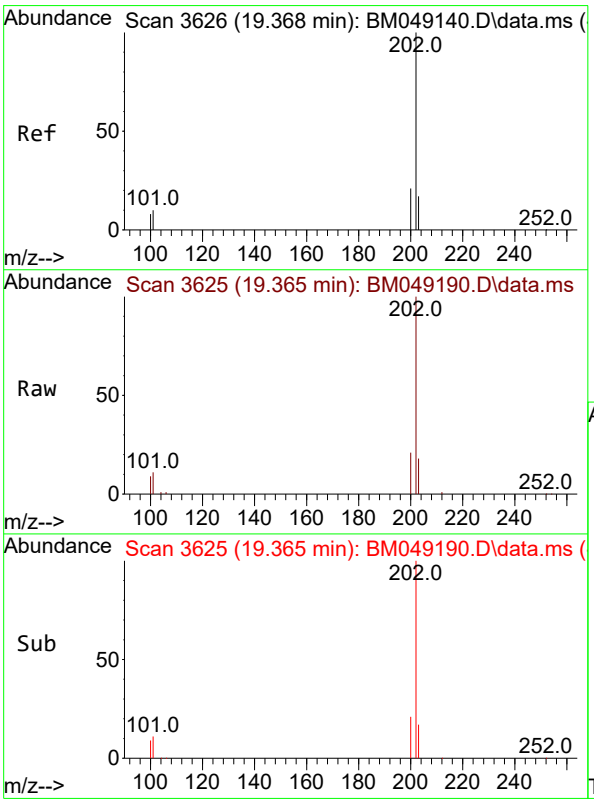
#19
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.002 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:202 Resp: 30702

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.6	11.4
100	7.0	5.5	8.3

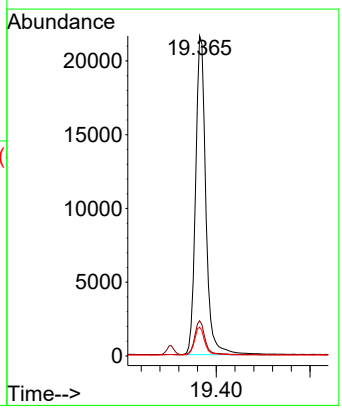


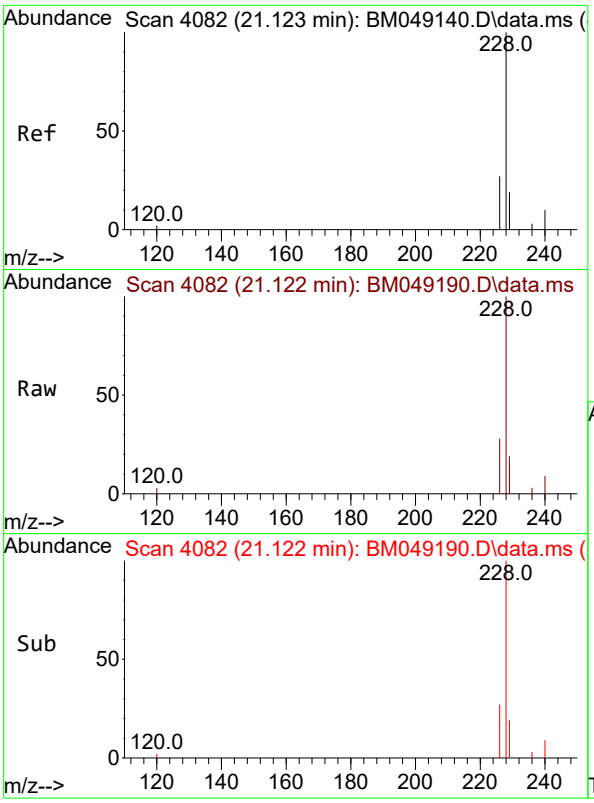


#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:202 Resp: 32710

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	9.0	6.9	10.3



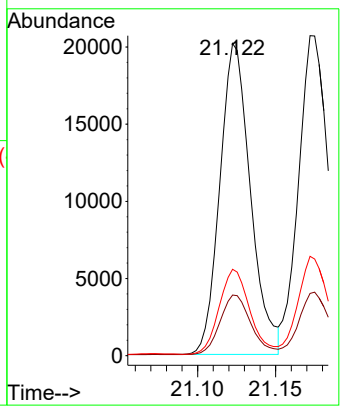


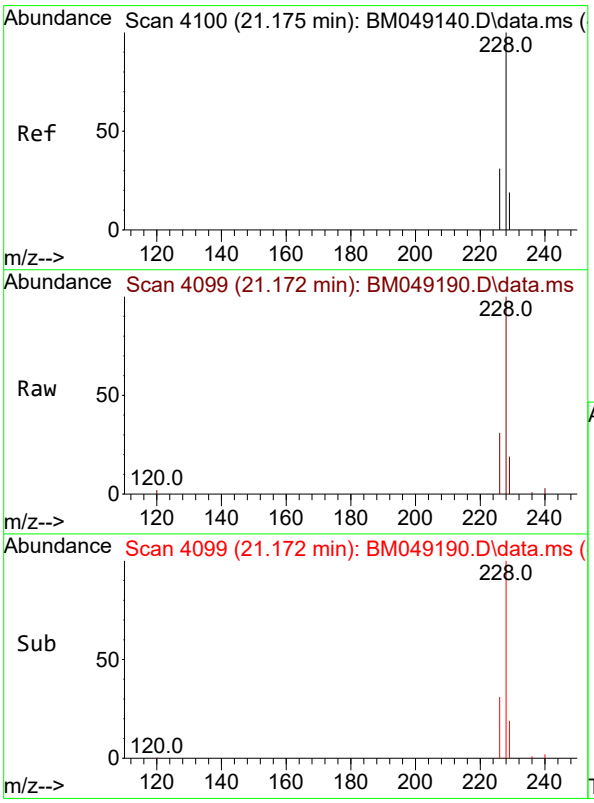
#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.122 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:228 Resp: 27569

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.9	23.9
226	27.7	22.6	34.0

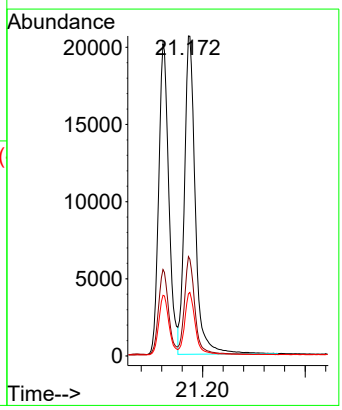


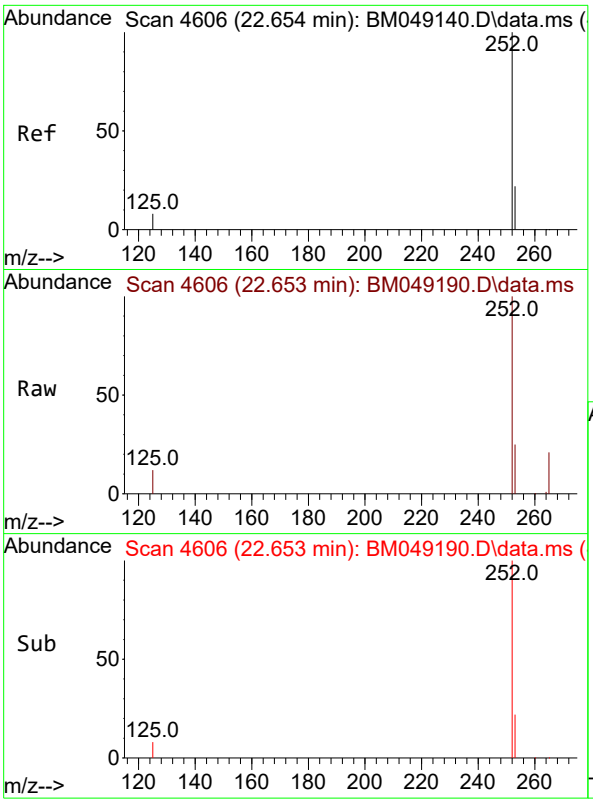


#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:228 Resp: 30171

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	19.4	15.8	23.8



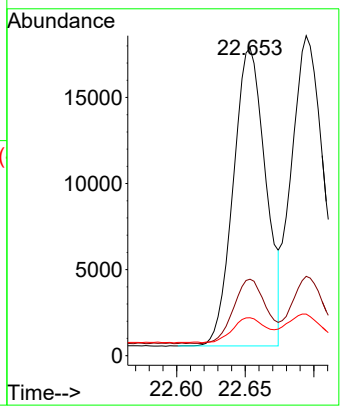


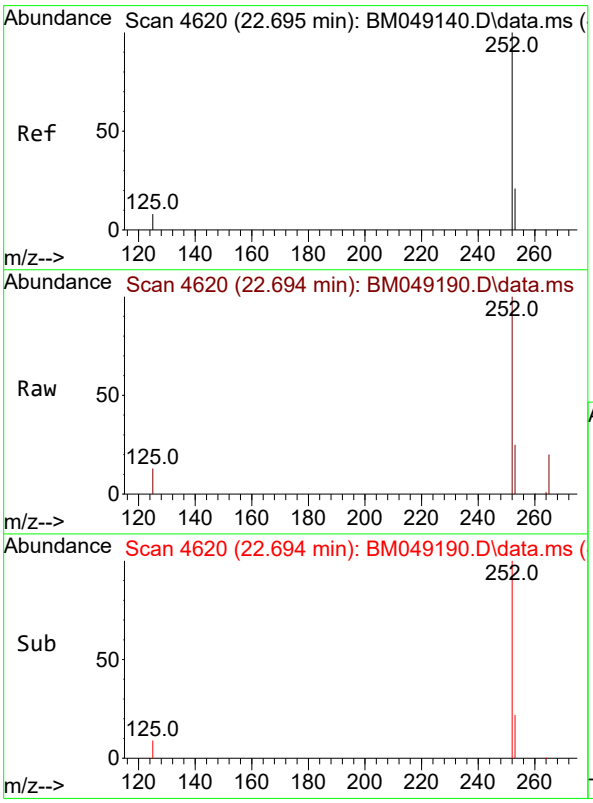
#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.653 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:252 Resp: 28492

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	52.6
125	12.3	0.0	30.8

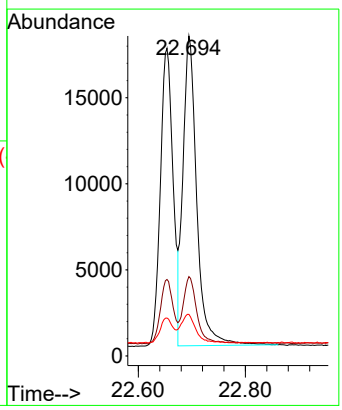


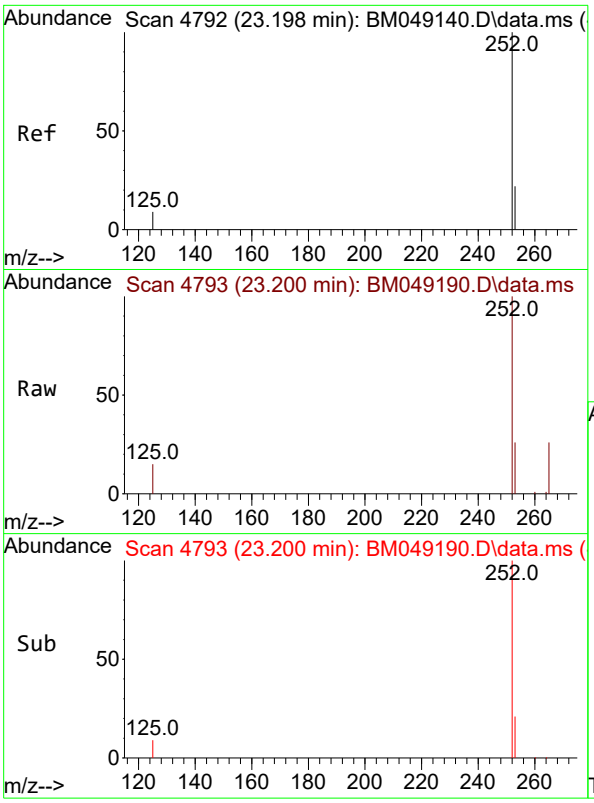


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:252 Resp: 32102

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.3	31.9
125	13.0	12.6	18.8



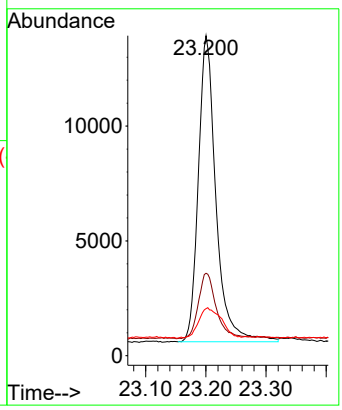


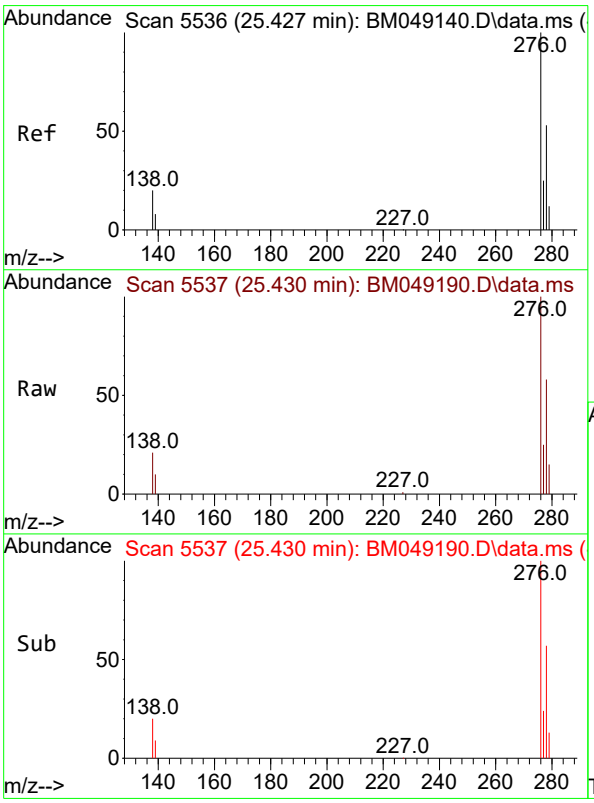
#26
Benzo(a)pyrene
Concen: 0.427 ng/ul
RT: 23.200 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:252 Resp: 27101

Ion	Ratio	Lower	Upper
252	100		
253	25.8	22.4	33.6
125	14.7	14.8	22.2#

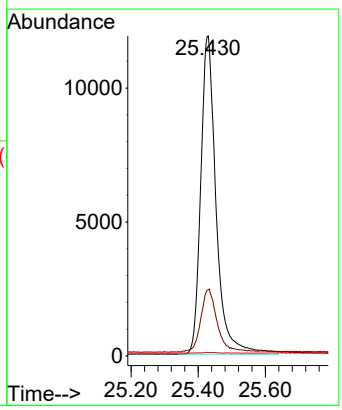


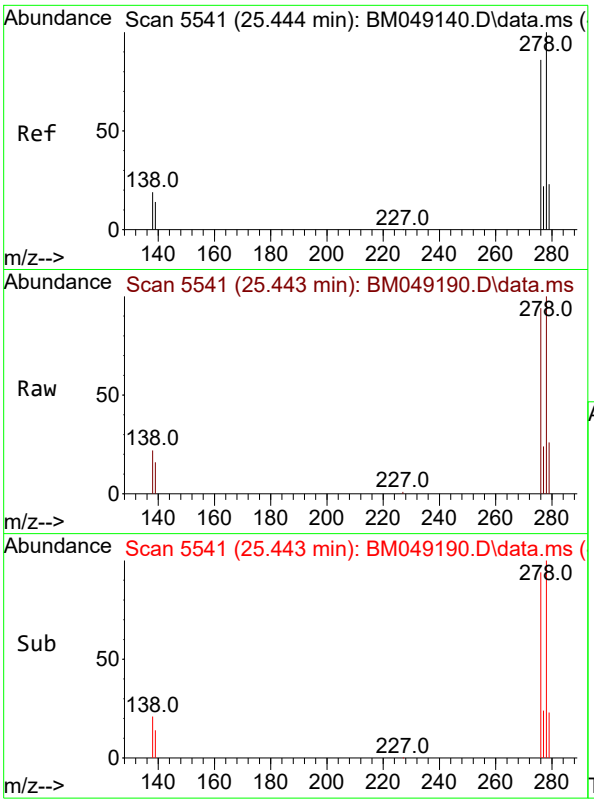


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:276 Resp: 37668

Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.4	26.2
227	0.2	0.2	0.2



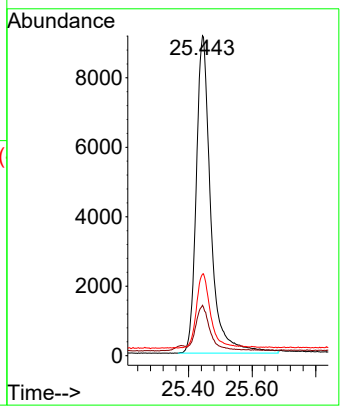


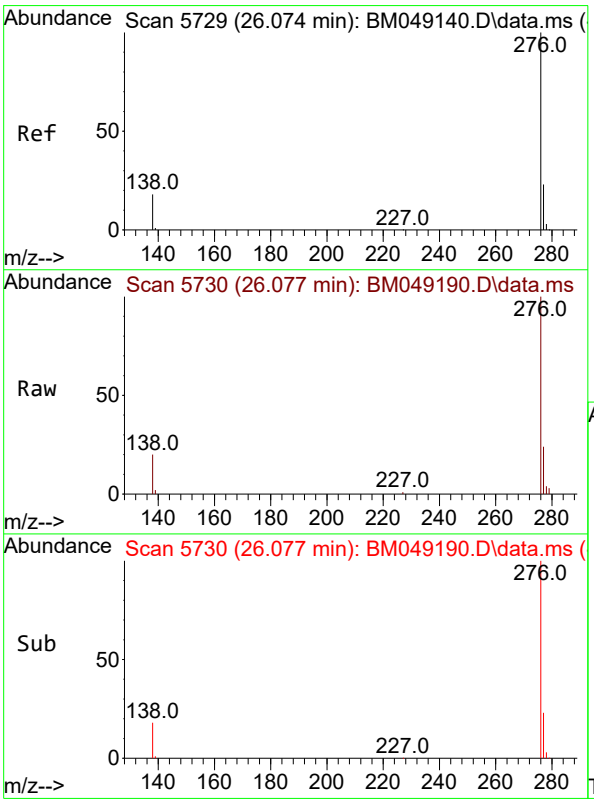
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.443 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:278 Resp: 28930

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.5	20.3
279	25.5	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:276 Resp: 30623

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.7	25.1
277	24.3	19.9	29.9