Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049177.D
Acq On : 24 Dec 2024 10:34
Operator : RC/JU
Sample : P5331-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 21:39:29 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	5519	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.315	136	16319	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	9344	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	20322	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	18855	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	19615	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3300	0.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7277	0.332	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	17985	0.336	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.177	88	8656	1.163	ng/ul#	78
5) Naphthalene	10.359	128	13748	0.337	ng/ul	98
7) 2-Methylnaphthalene	11.987	142	7756	0.300	ng/ul	99
8) 1-Methylnaphthalene	12.207	142	7784	0.294	ng/ul	99
10) Acenaphthylene	13.901	152	11459	0.296	ng/ul	99
11) Acenaphthene	14.248	153	8464	0.299	ng/ul	99
12) Fluorene	15.242	166	10045	0.315	ng/ul	99
14) Pentachlorophenol	16.592	266	3347	0.596	ng/ul	96
15) Phenanthrene	16.977	178	18520	0.349	ng/ul	99
16) Anthracene	17.070	178	15148	0.311	ng/ul	98
19) Fluoranthene	19.002	202	25539	0.375	ng/ul#	95
20) Pyrene	19.365	202	27076	0.372	ng/ul	98
21) Benzo(a)anthracene	21.122	228	21766	0.332	ng/ul	100
22) Chrysene	21.175	228	23100	0.328	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	22356	0.357	ng/ul	98
25) Benzo(k)fluoranthene	22.694	252	23277	0.339	ng/ul	99
26) Benzo(a)pyrene	23.197	252	20113	0.335	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.427	276	26235	0.308	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.443	278	19450	0.294	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	21852	0.319	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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Acq On : 24 Dec 2024 10:34
Operator : RC/JU
Sample : P5331-02MS
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Instrument :
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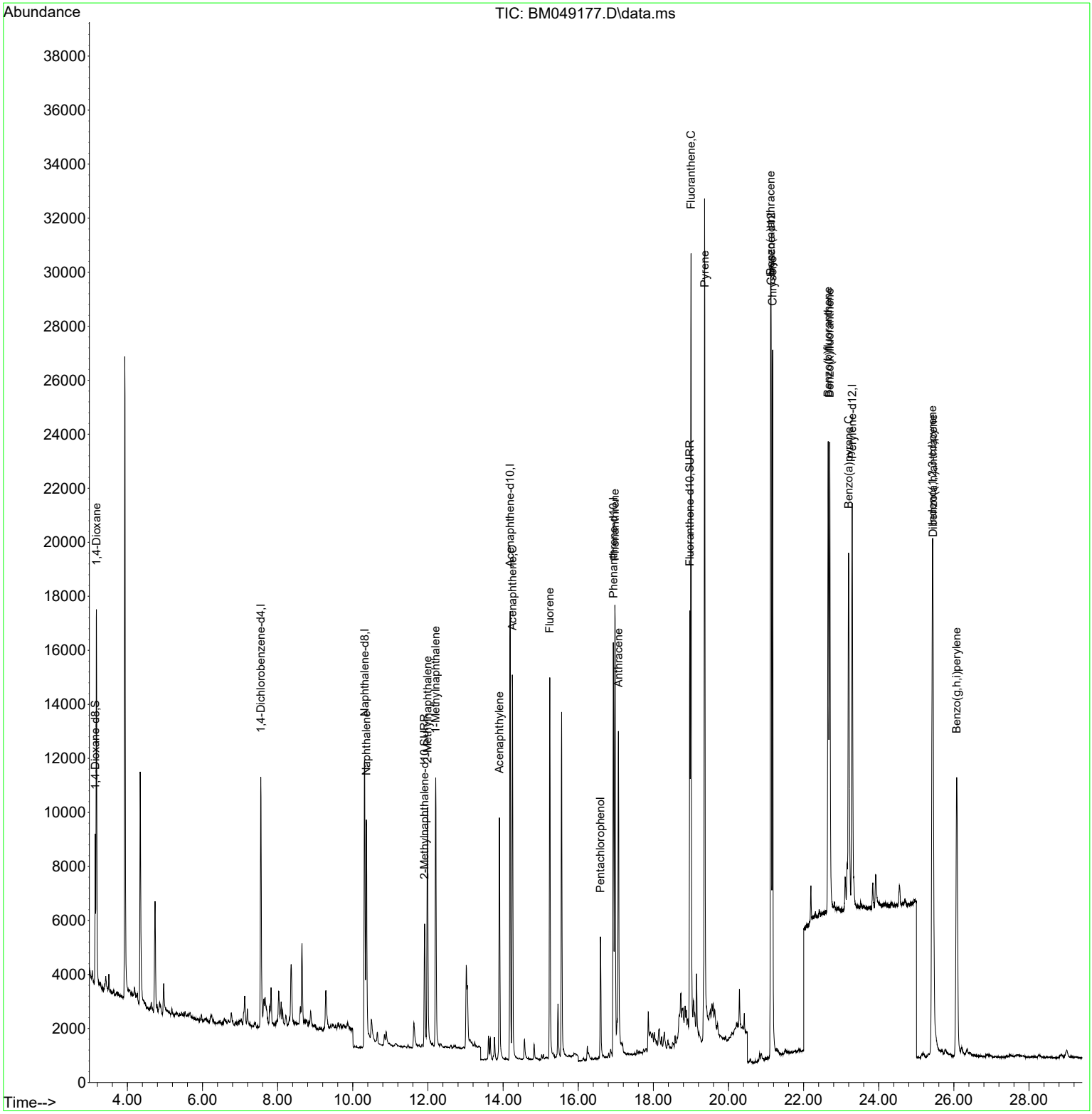
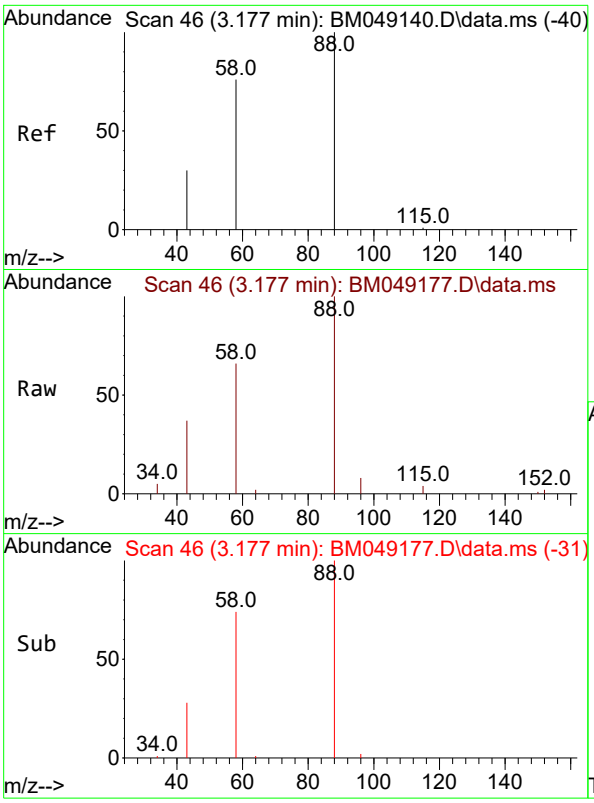
ClientSampleId :

Quant Time: Dec 24 21:39:29 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



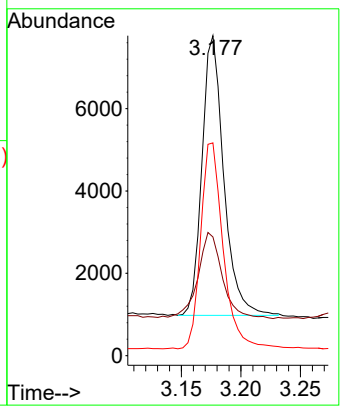


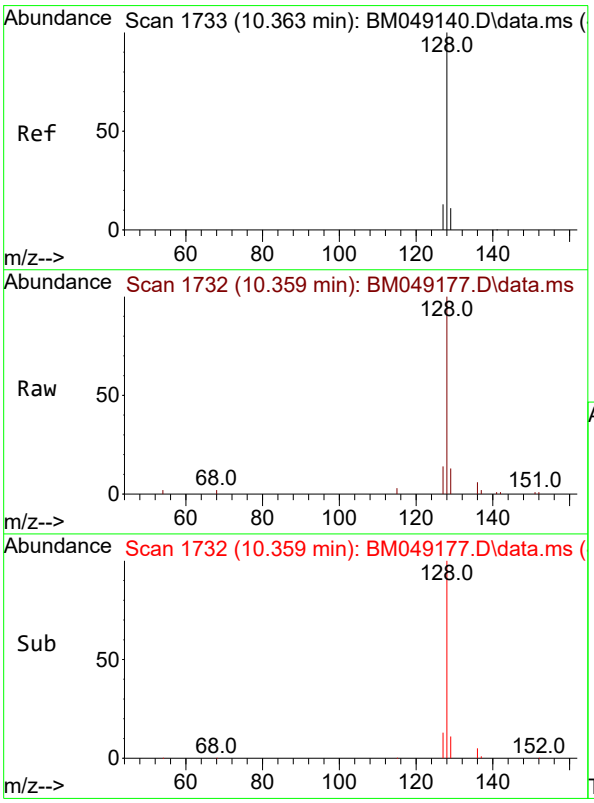
#2
1,4-Dioxane
Concen: 1.163 ng/ul
RT: 3.177 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 8656

Ion	Ratio	Lower	Upper
88	100		
43	37.1	45.4	68.2#
58	66.5	43.6	65.4#

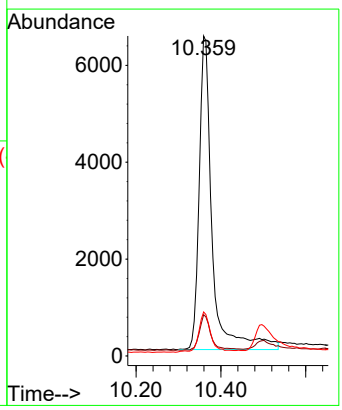


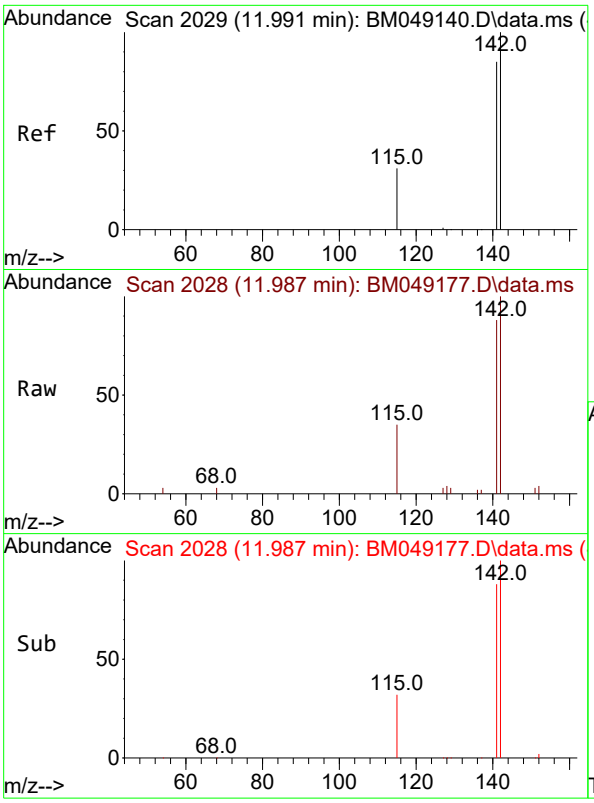


#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:128 Resp: 13748

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.7	14.5
127	13.8	10.6	16.0



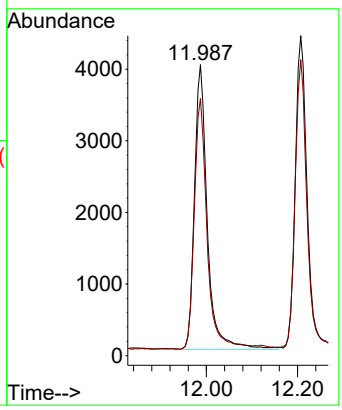


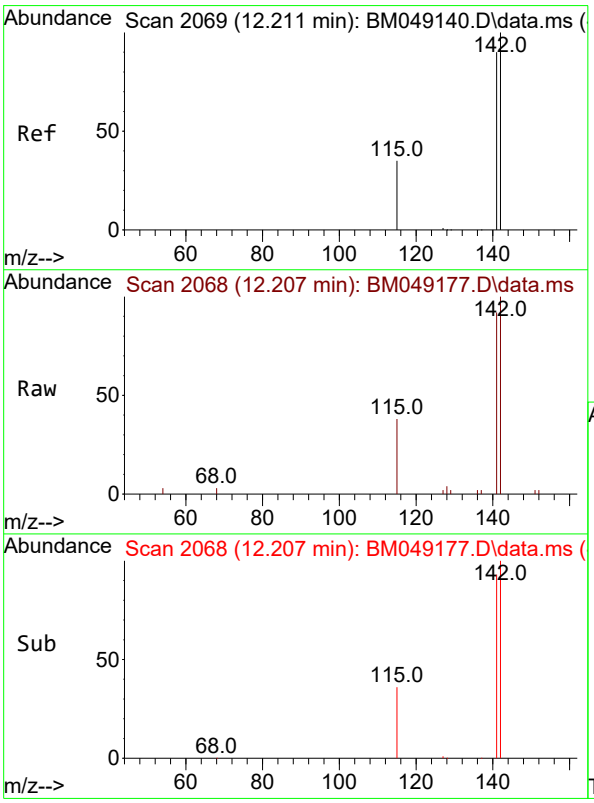
#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 11.987 min Scan# 2
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 7756

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5

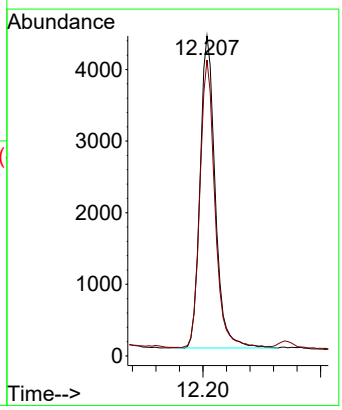


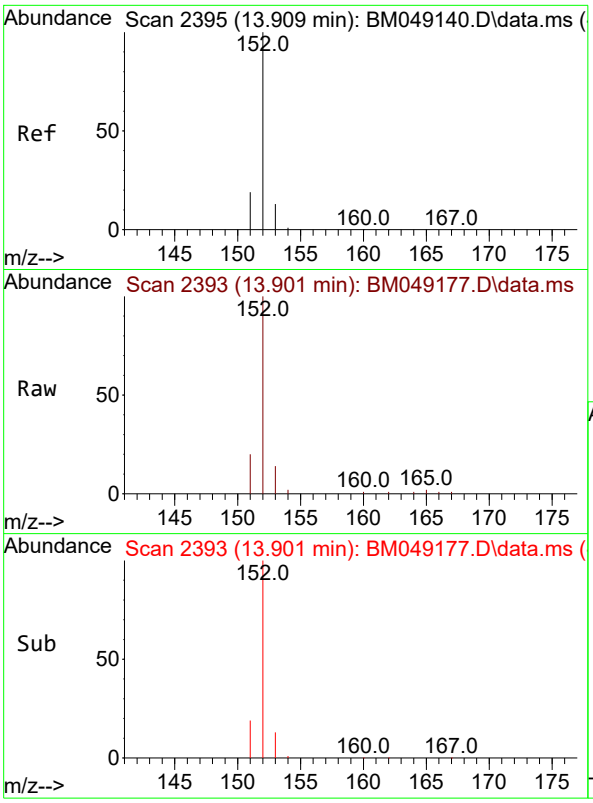


#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:142 Resp: 7784

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1



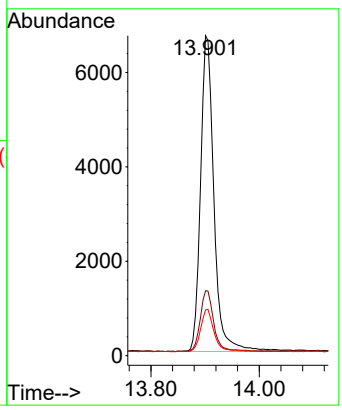


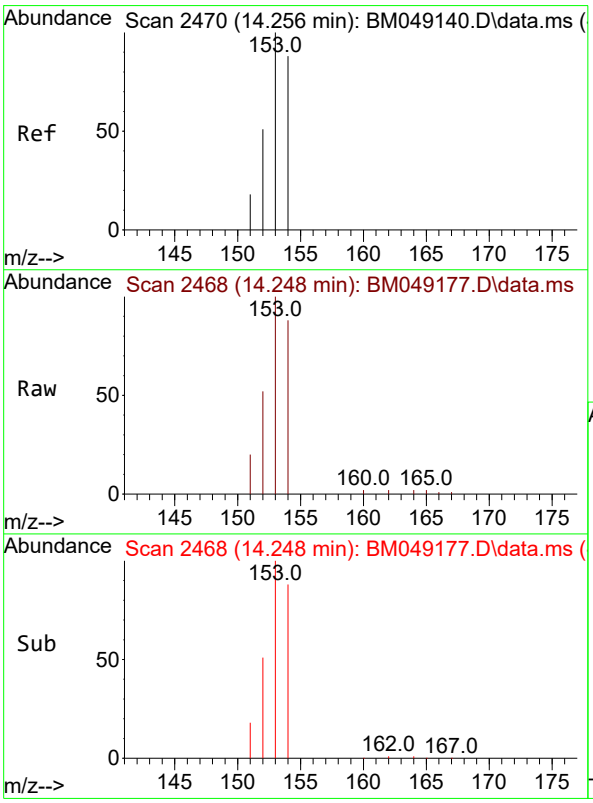
#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 13.901 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 11459

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.3	11.0	16.6

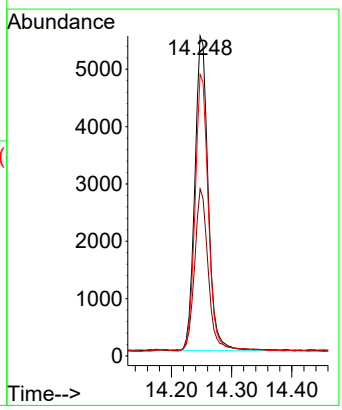


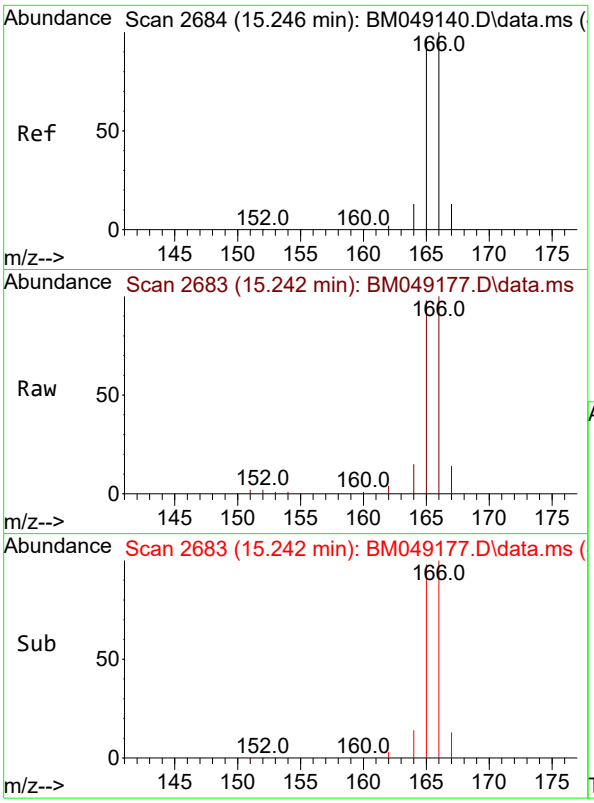


#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:153 Resp: 8464

Ion	Ratio	Lower	Upper
153	100		
152	52.2	40.7	61.1
154	88.0	70.8	106.2



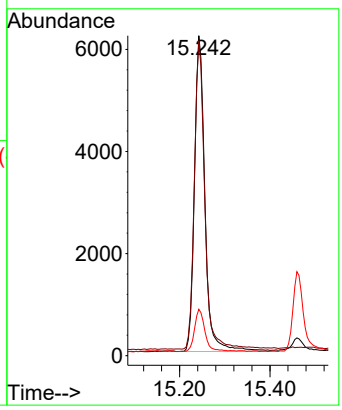


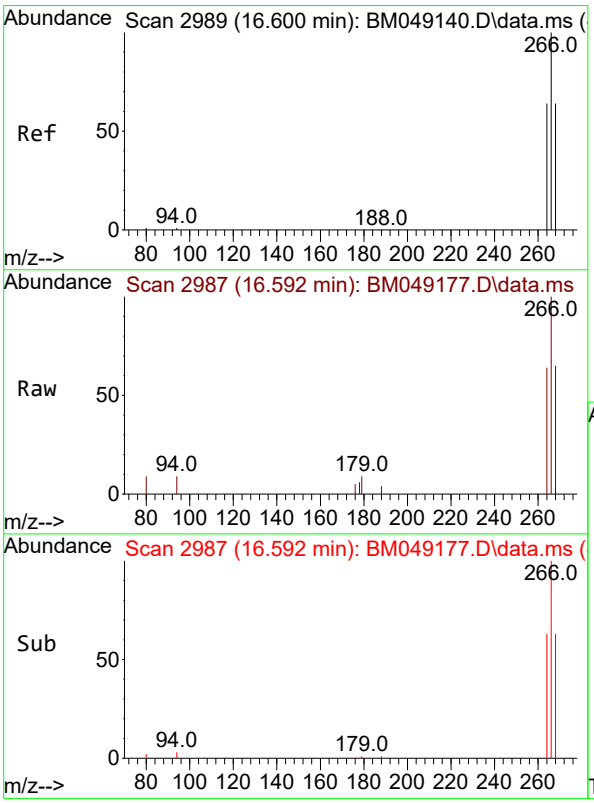
#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.242 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 10045

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.7	119.5
167	14.5	11.4	17.0

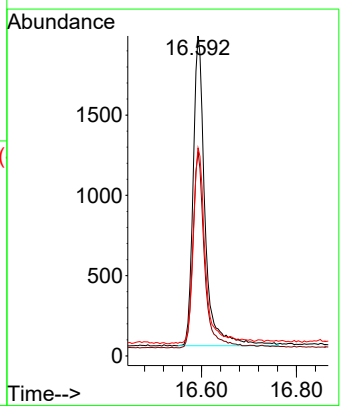


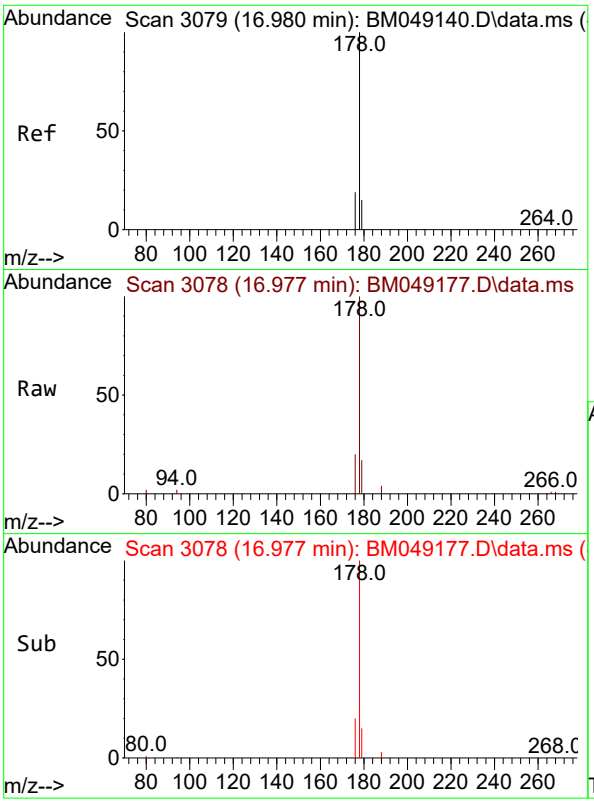


#14
Pentachlorophenol
Concen: 0.596 ng/ul
RT: 16.592 min Scan# 2987
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:266 Resp: 3347

Ion	Ratio	Lower	Upper
266	100		
264	61.9	48.3	72.5
268	64.5	47.5	71.3



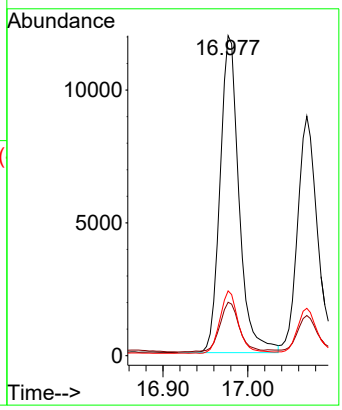


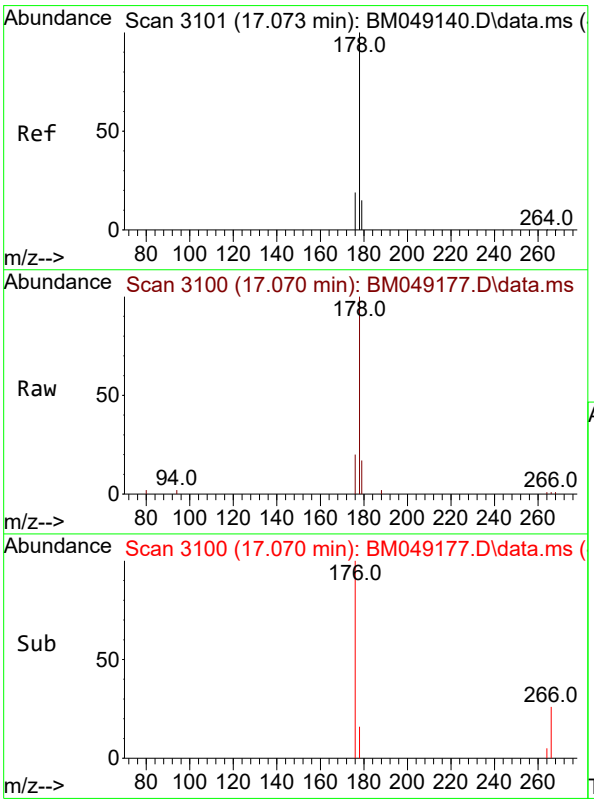
#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 16.977 min Scan# 3
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 18520

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	20.3	16.2	24.2

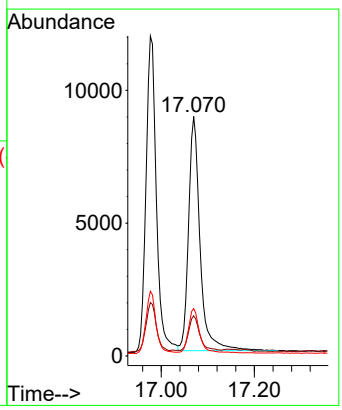


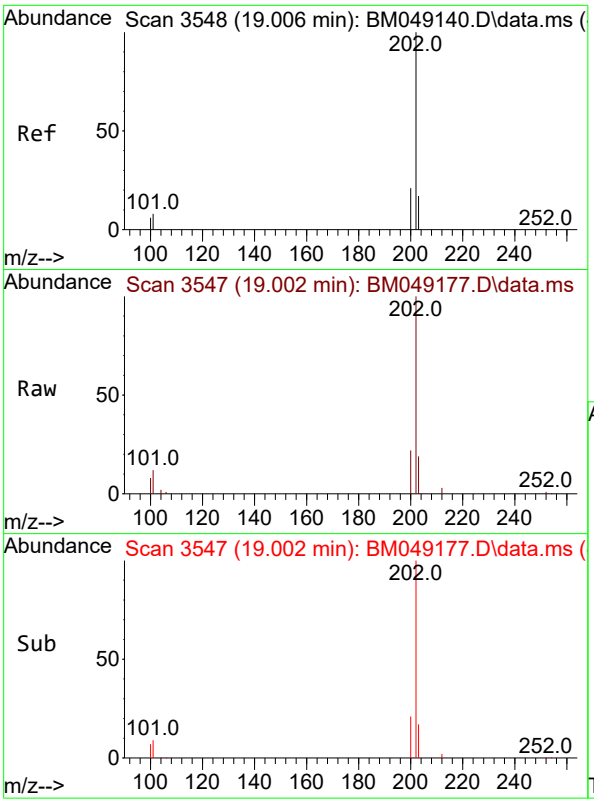


#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.070 min Scan# 3100
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:178 Resp: 15148

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.9	19.3
176	19.8	15.3	22.9



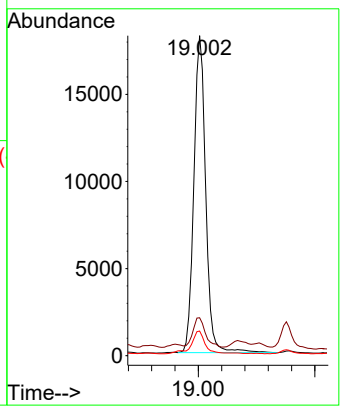


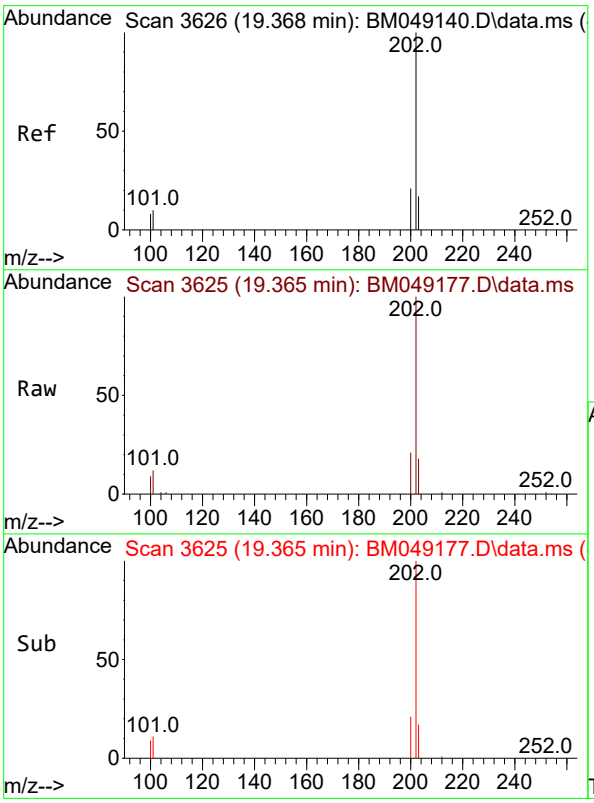
#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.002 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 25539

Ion	Ratio	Lower	Upper
202	100		
101	11.9	7.6	11.4#
100	7.7	5.5	8.3

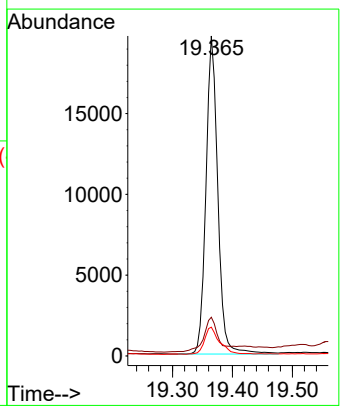


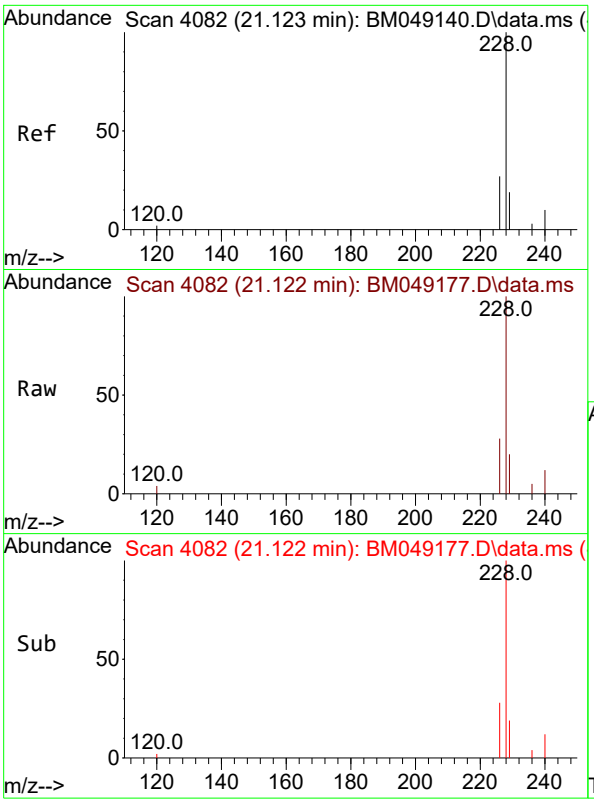


#20
Pyrene
Concen: 0.372 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:202 Resp: 27076

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	9.0	6.9	10.3



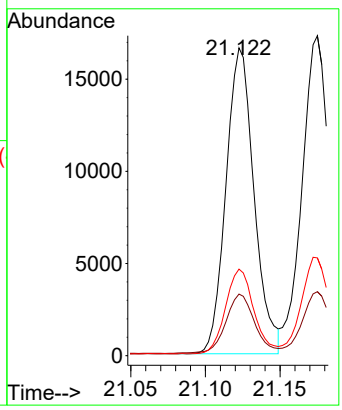


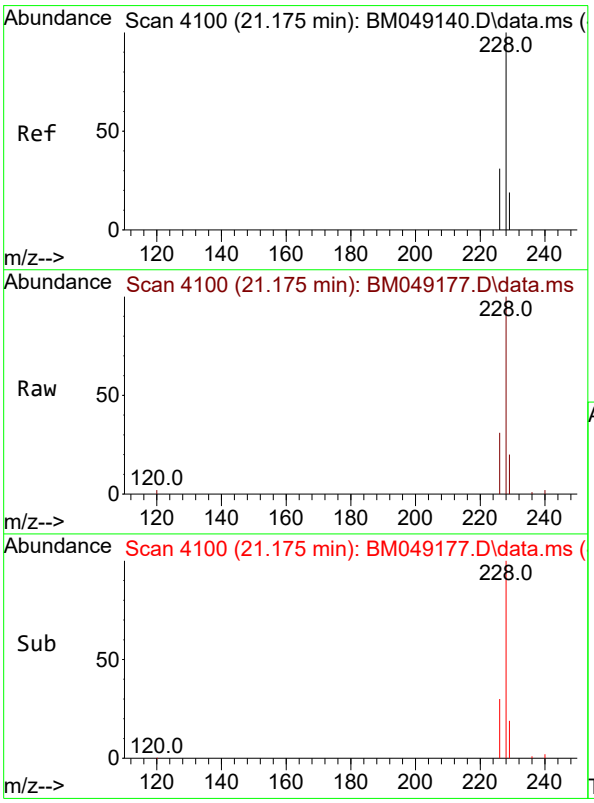
#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.122 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 21766

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.1	22.6	34.0

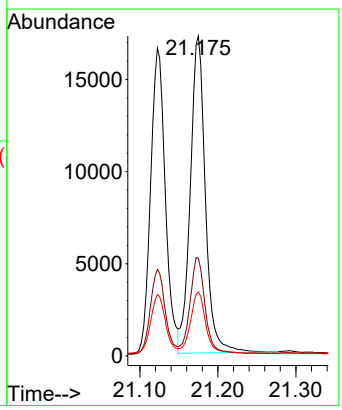


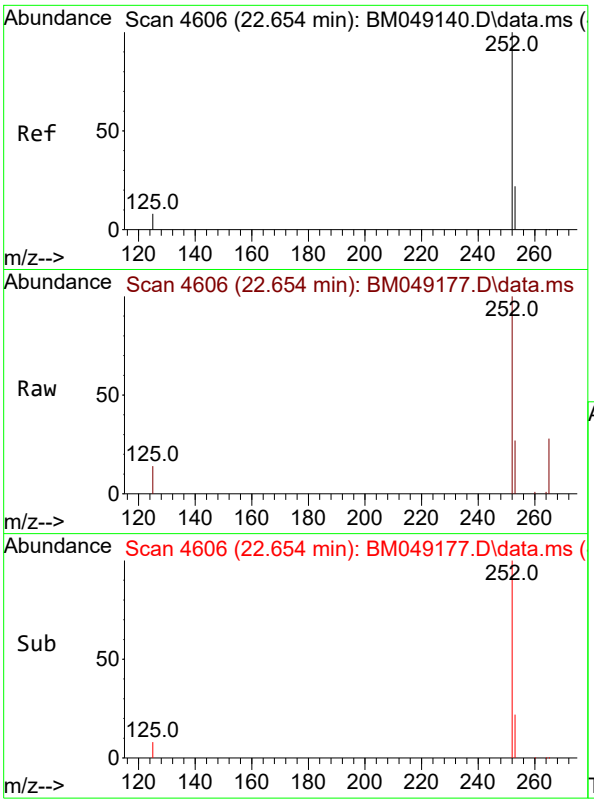


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:228 Resp: 23100

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.0	15.8	23.8



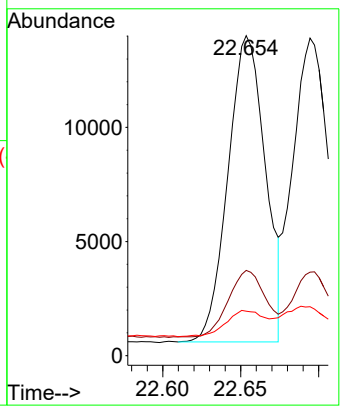


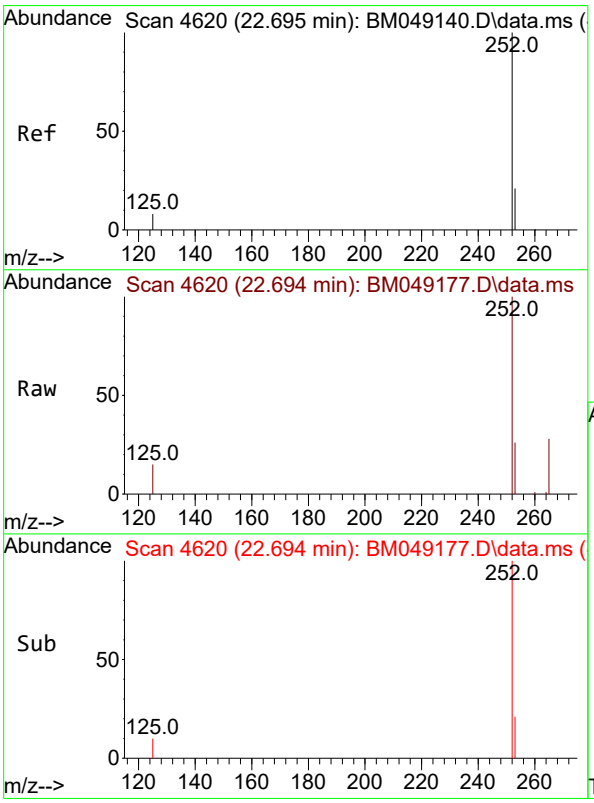
#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.654 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 22356

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	52.6
125	13.9	0.0	30.8

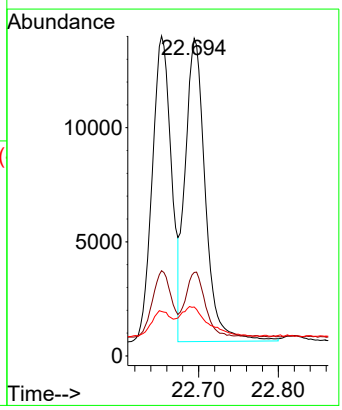


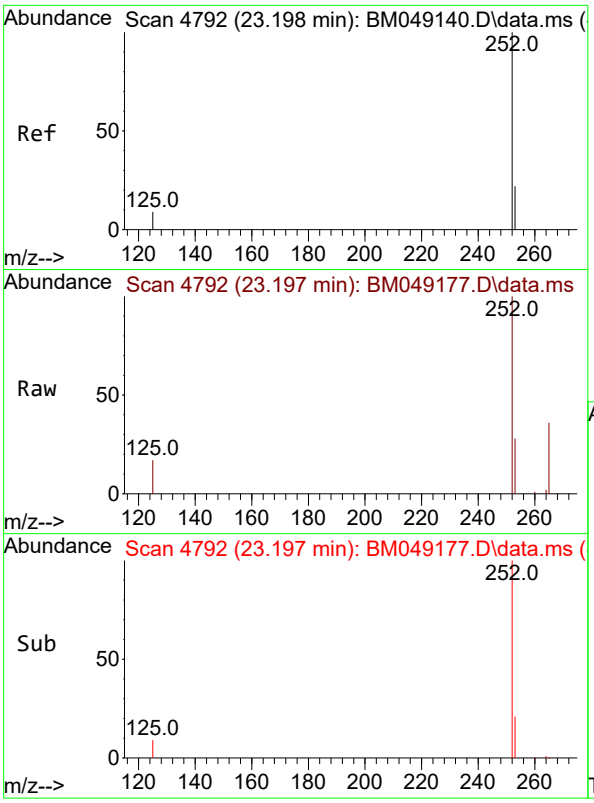


#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:252 Resp: 23277

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	15.4	12.6	18.8



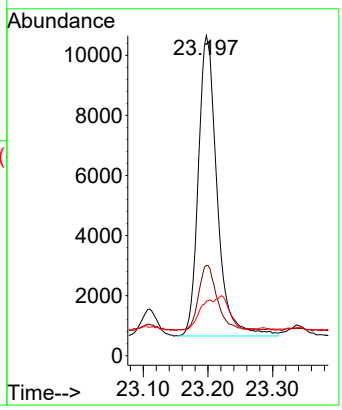


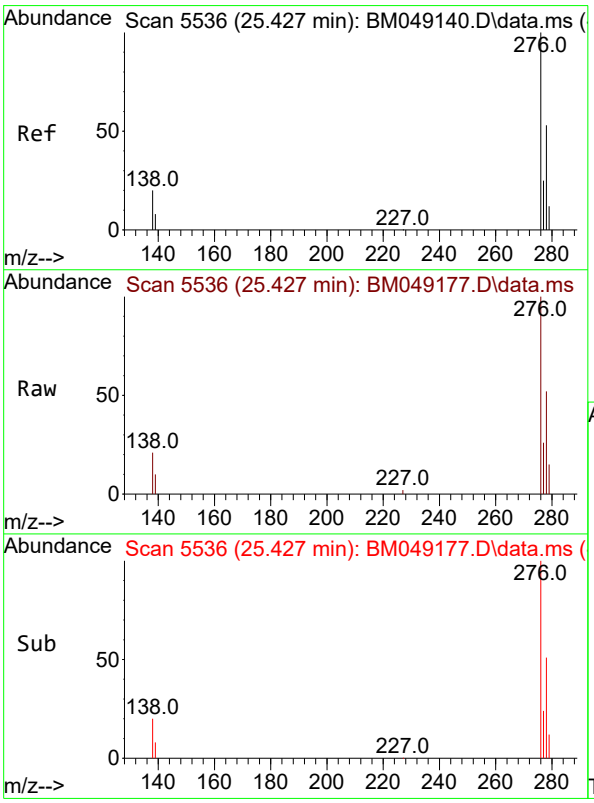
#26
Benzo(a)pyrene
Concen: 0.335 ng/ul
RT: 23.197 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 20113

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.4	33.6
125	17.0	14.8	22.2

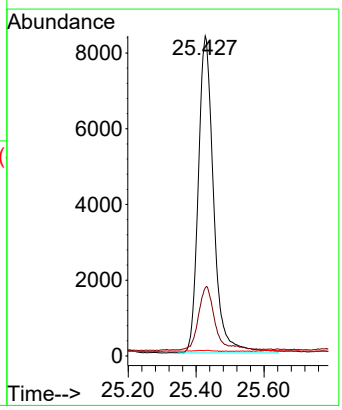


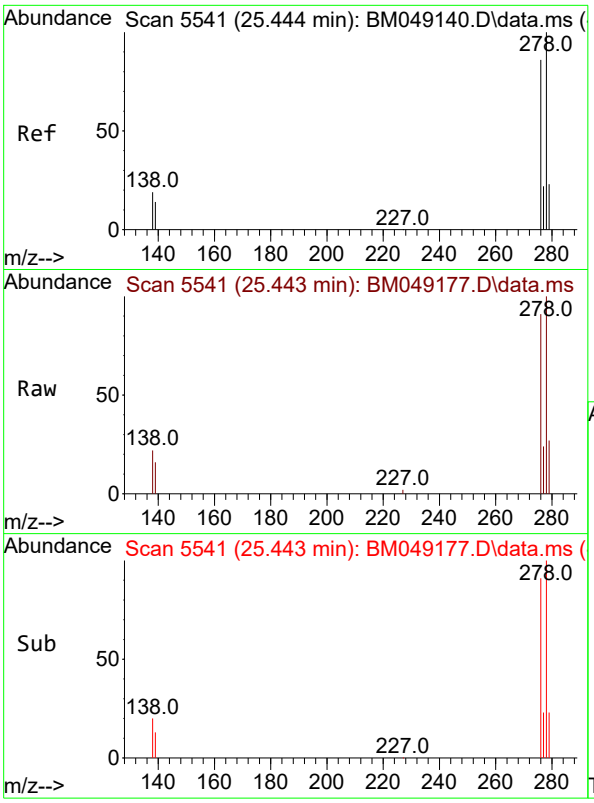


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:276 Resp: 26235

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.4	26.2
227	0.0	0.2	0.2#



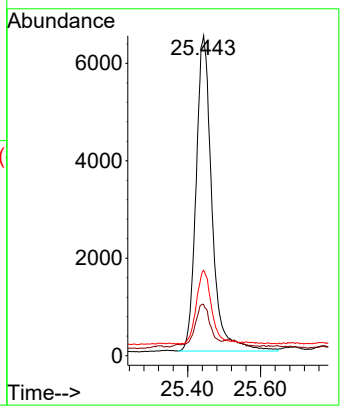


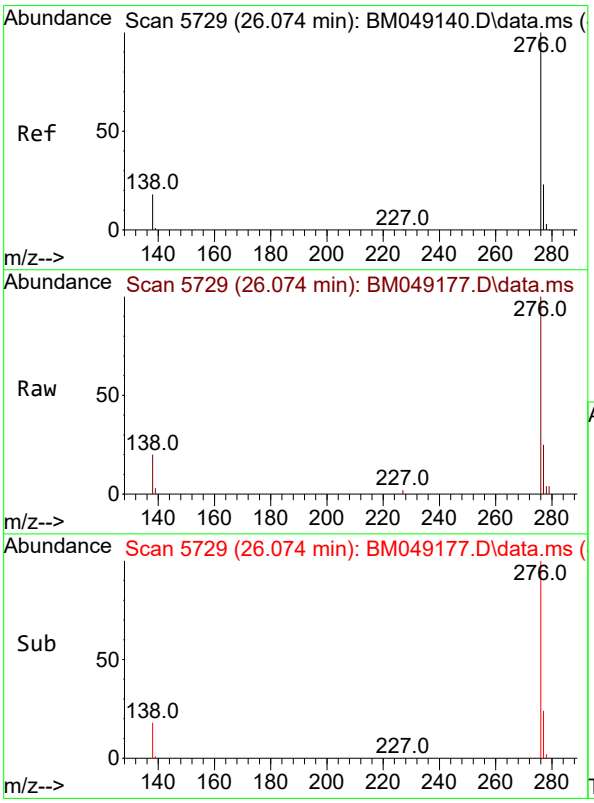
#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 25.443 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19450

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	26.7	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:276 Resp: 21852

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.7	25.1
277	25.2	19.9	29.9