Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049292.D
Acq On : 28 Dec 2024 14:32
Operator : RC/JU
Sample : PB165848BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS848

Quant Time: Dec 29 21:57:45 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5992	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	18716	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	11788	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	25603	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	24712	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	27459	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3649	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	7759	0.308	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	20225	0.288	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	10045	1.244	ng/ul#	76
5) Naphthalene	10.354	128	13079	0.279	ng/ul	98
7) 2-Methylnaphthalene	11.981	142	8253	0.278	ng/ul	100
8) 1-Methylnaphthalene	12.196	142	8708	0.286	ng/ul	100
10) Acenaphthylene	13.896	152	12857	0.263	ng/ul	99
11) Acenaphthene	14.243	153	9491	0.266	ng/ul	99
12) Fluorene	15.238	166	11009	0.274	ng/ul	99
14) Pentachlorophenol	16.592	266	3830	0.541	ng/ul	96
15) Phenanthrene	16.972	178	17923	0.268	ng/ul	100
16) Anthracene	17.065	178	16692	0.272	ng/ul	99
19) Fluoranthene	18.998	202	23585	0.264	ng/ul	98
20) Pyrene	19.360	202	25259	0.265	ng/ul	99
21) Benzo(a)anthracene	21.120	228	22406	0.261	ng/ul	99
22) Chrysene	21.169	228	24825	0.269	ng/ul	99
24) Benzo(b)fluoranthene	22.648	252	23575	0.269	ng/ul	97
25) Benzo(k)fluoranthene	22.692	252	25486	0.265	ng/ul	98
26) Benzo(a)pyrene	23.194	252	22576	0.268	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.427	276	30266	0.254	ng/ul	94
28) Dibenzo(a,h)anthracene	25.437	278	23315	0.252	ng/ul	97
29) Benzo(g,h,i)perylene	26.067	276	24809	0.259	ng/ul	99

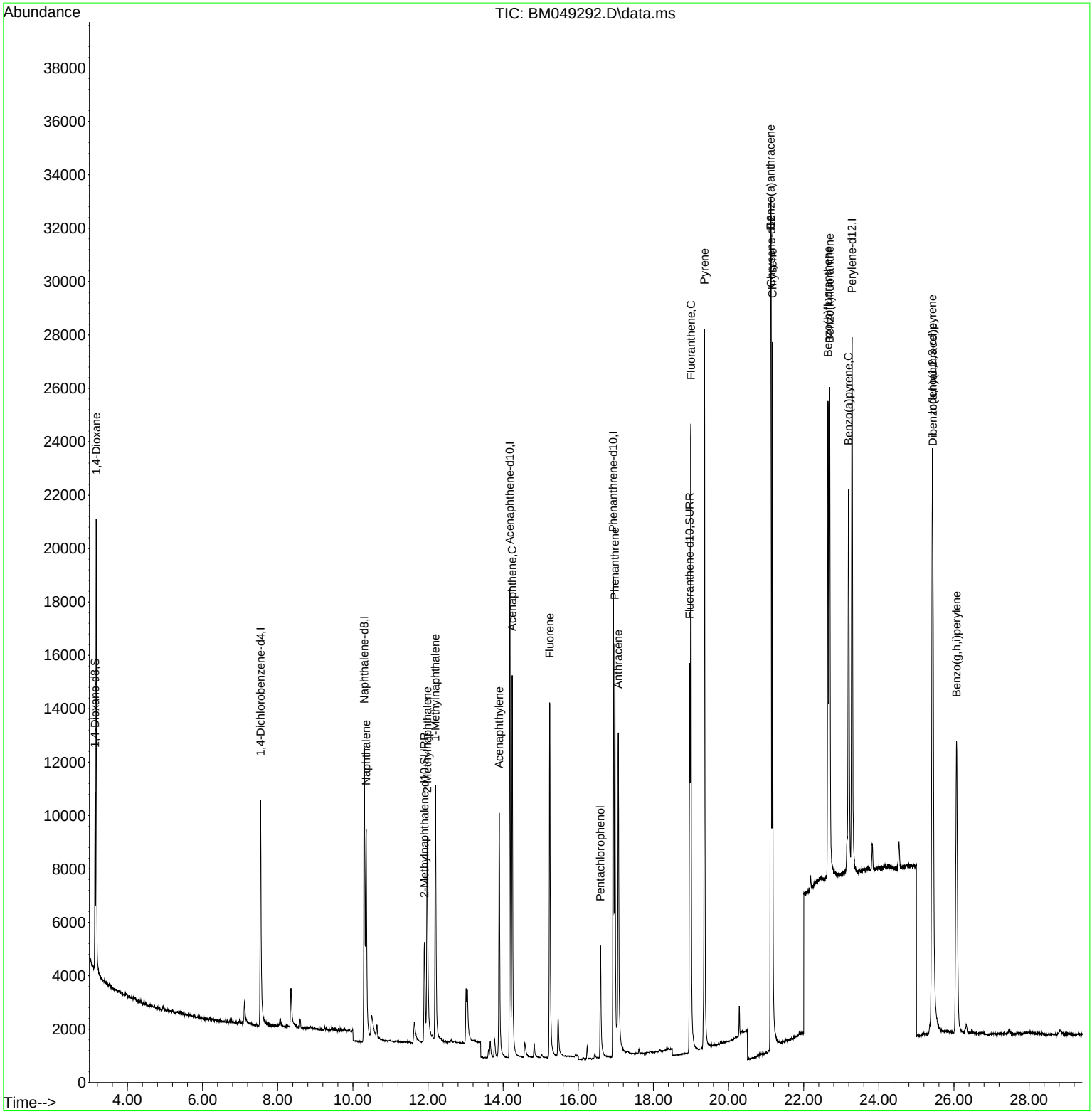
(#) = qualifier out of range (m) = manual integration (+) = signals summed

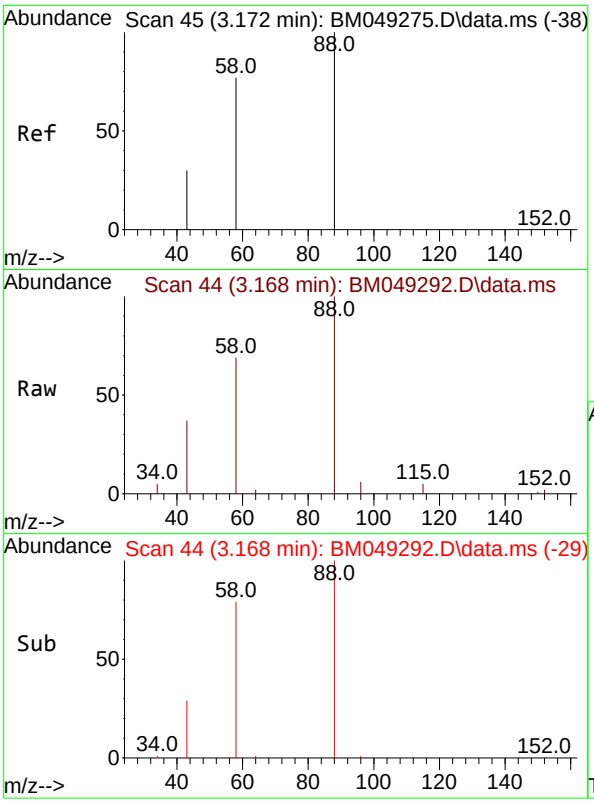
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049292.D
Acq On : 28 Dec 2024 14:32
Operator : RC/JU
Sample : PB165848BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS848

Quant Time: Dec 29 21:57:45 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



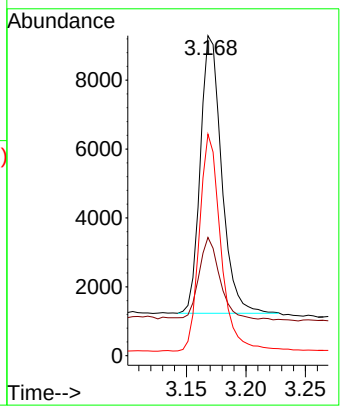


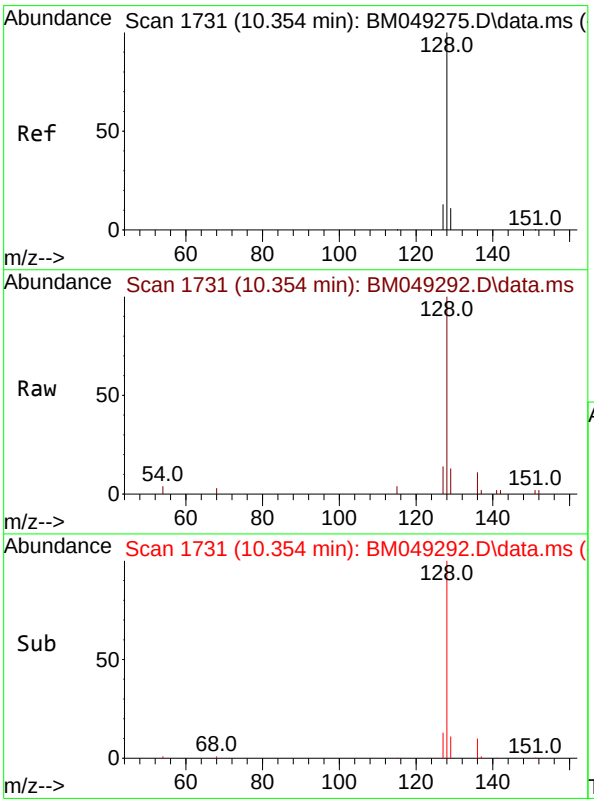
#2
1,4-Dioxane
Concen: 1.244 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. -0.008 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion: 88 Resp: 10045

Ion	Ratio	Lower	Upper
88	100		
43	37.0	45.4	68.2#
58	69.2	43.6	65.4#

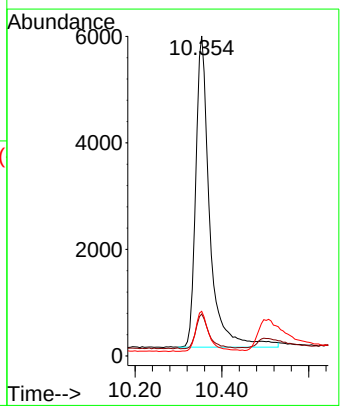


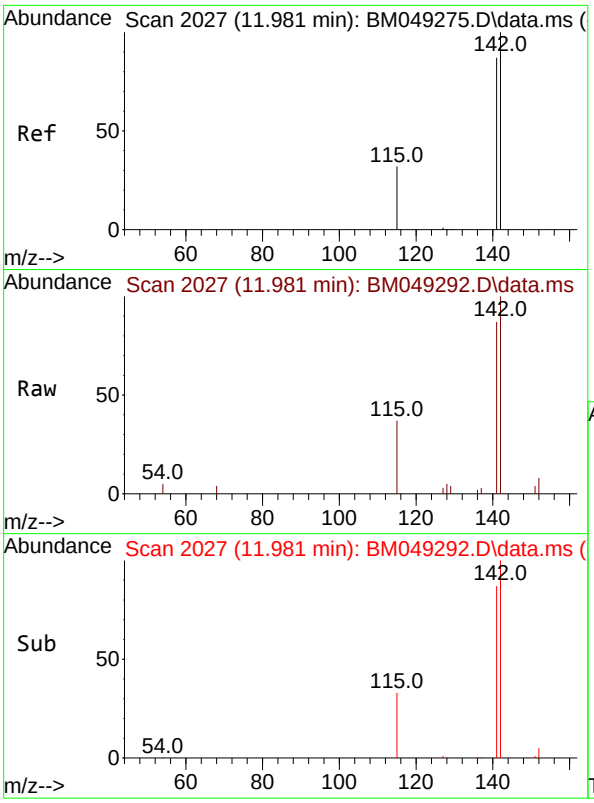


#5
Naphthalene
Concen: 0.279 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:128 Resp: 13079

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.7	14.5
127	13.9	10.6	16.0



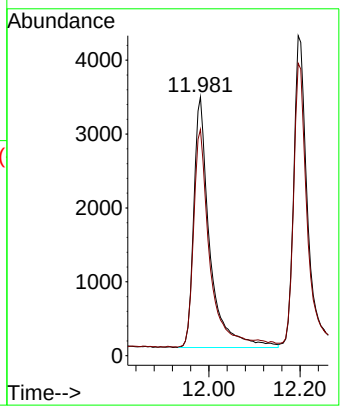


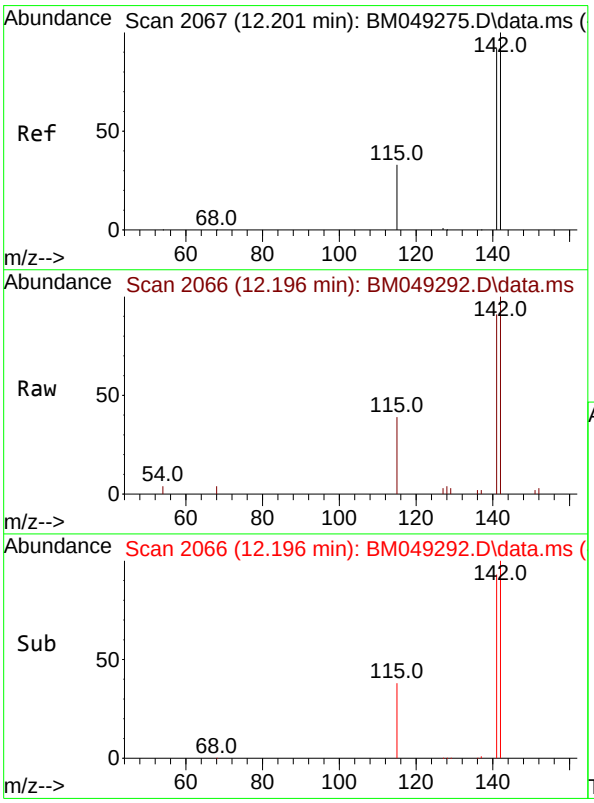
#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 11.981 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:142 Resp: 8253

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5

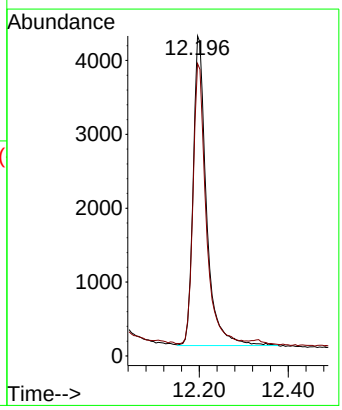


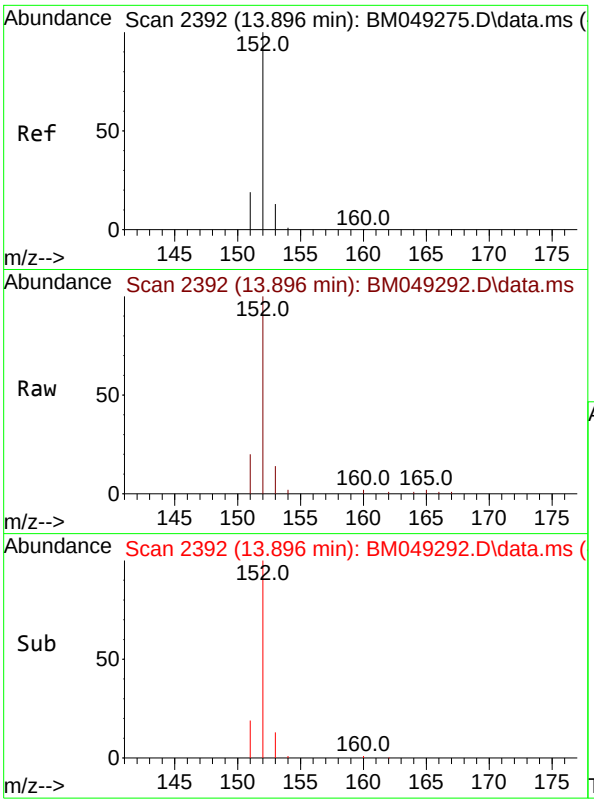


#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:142 Resp: 8708

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.7	109.1



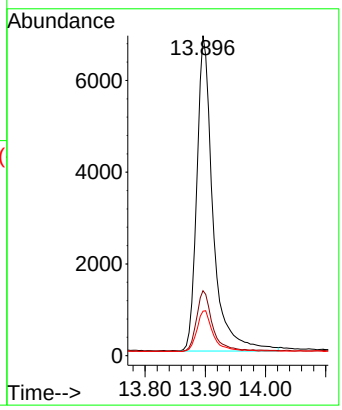


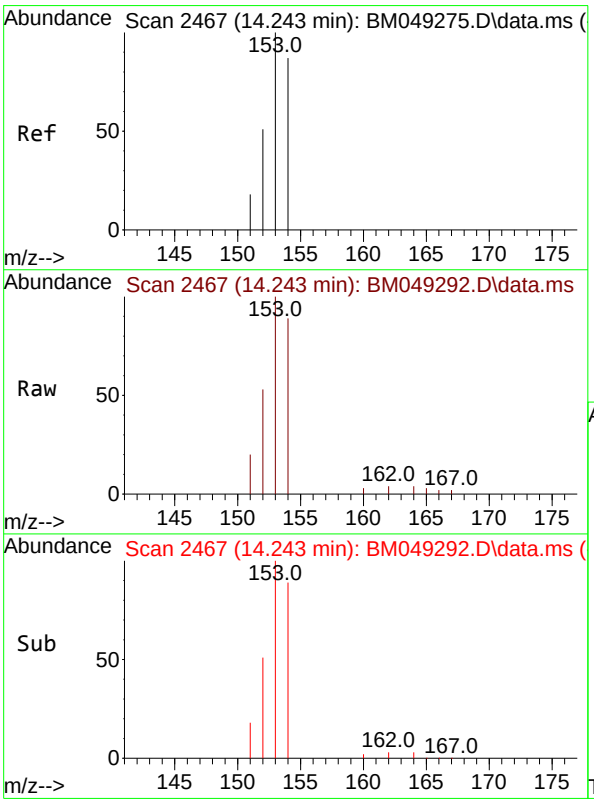
#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.896 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:152 Resp: 12857

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.9	11.0	16.6

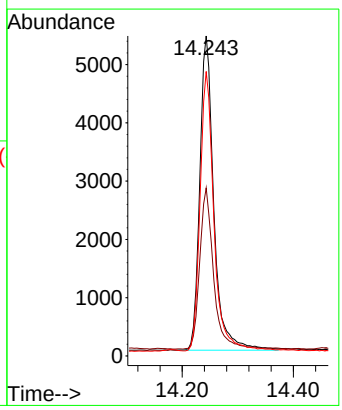


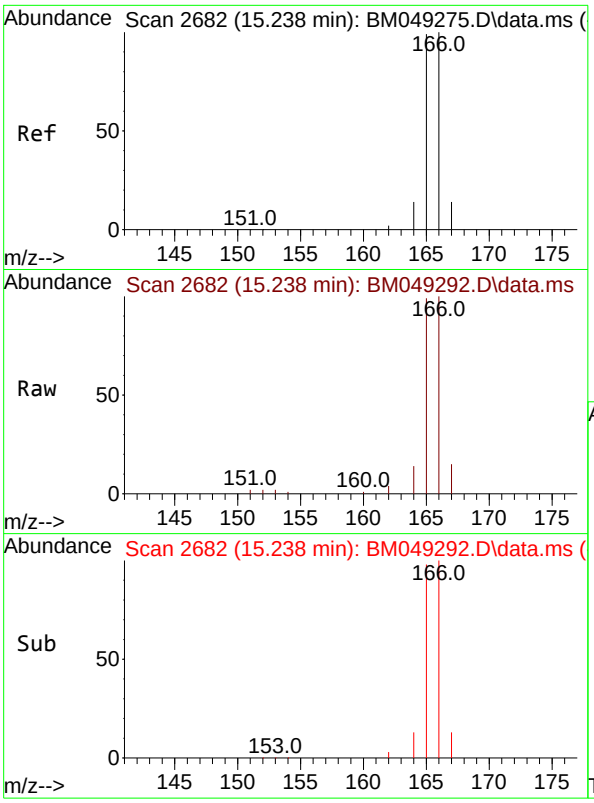


#11
Acenaphthene
Concen: 0.266 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:153 Resp: 9491

Ion	Ratio	Lower	Upper
153	100		
152	52.5	40.7	61.1
154	88.9	70.8	106.2



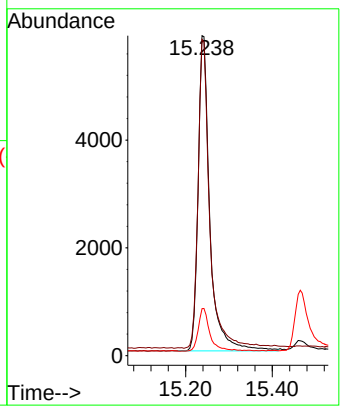


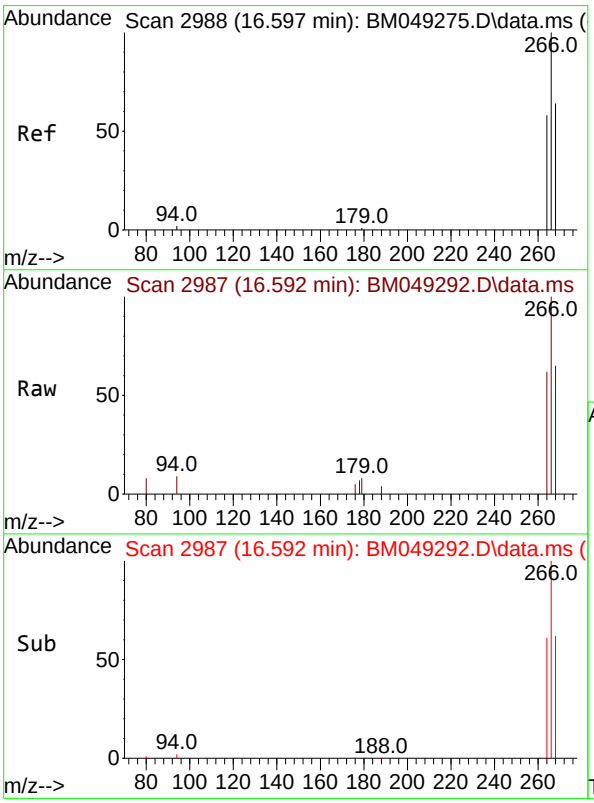
#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.238 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:166 Resp: 11009

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	14.7	11.4	17.0

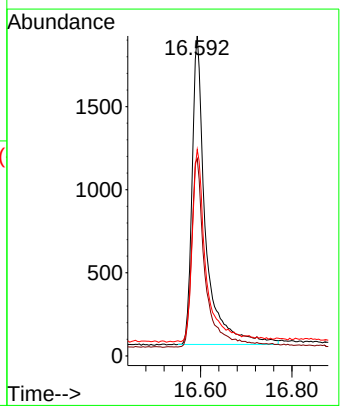


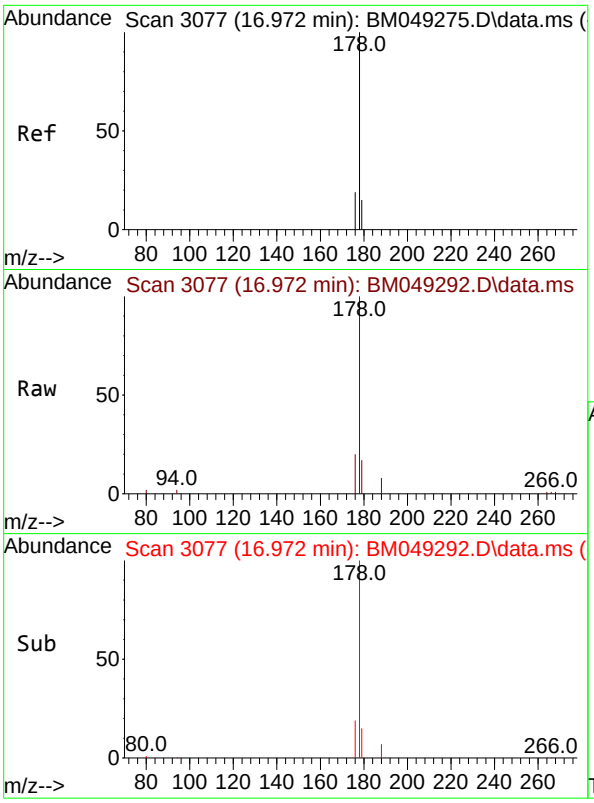


#14
Pentachlorophenol
Concen: 0.541 ng/ul
RT: 16.592 min Scan# 2987
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:266 Resp: 3830

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.3	72.5
268	63.8	47.5	71.3



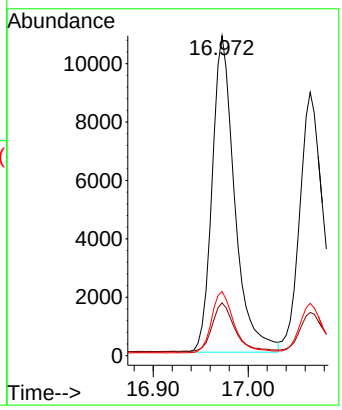


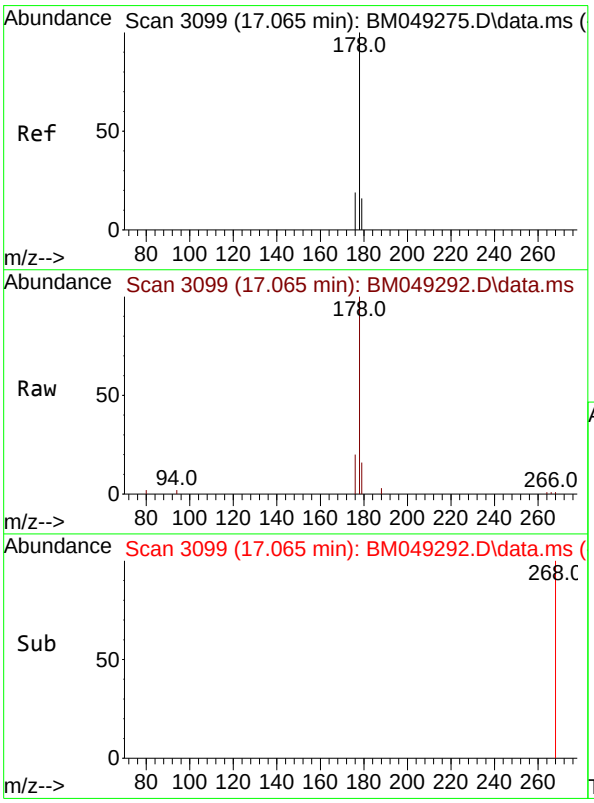
#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 16.972 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:178 Resp: 17923

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	20.1	16.2	24.2

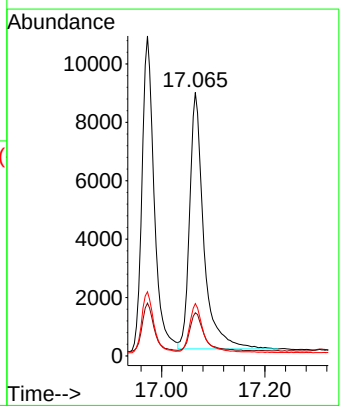


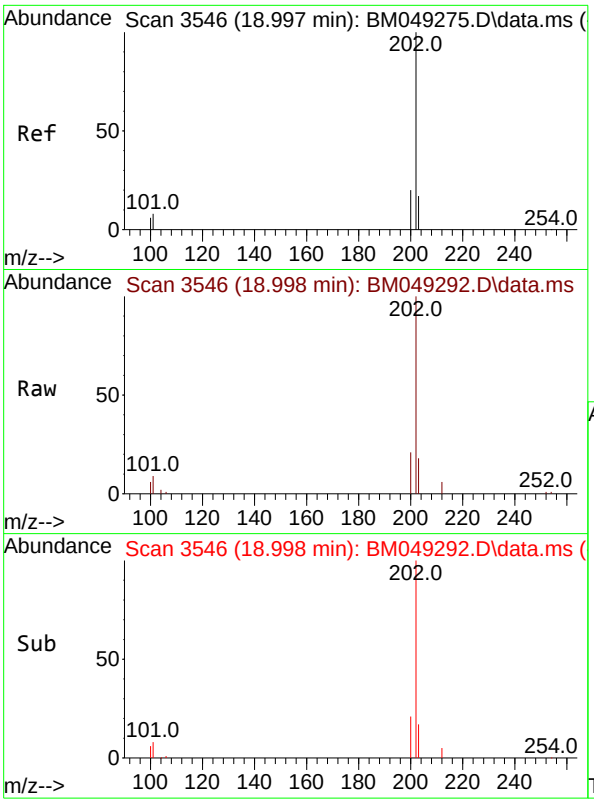


#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:178 Resp: 16692

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.9	15.3	22.9



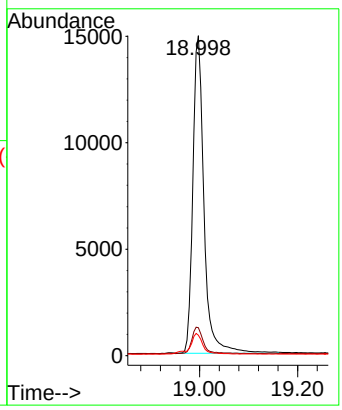


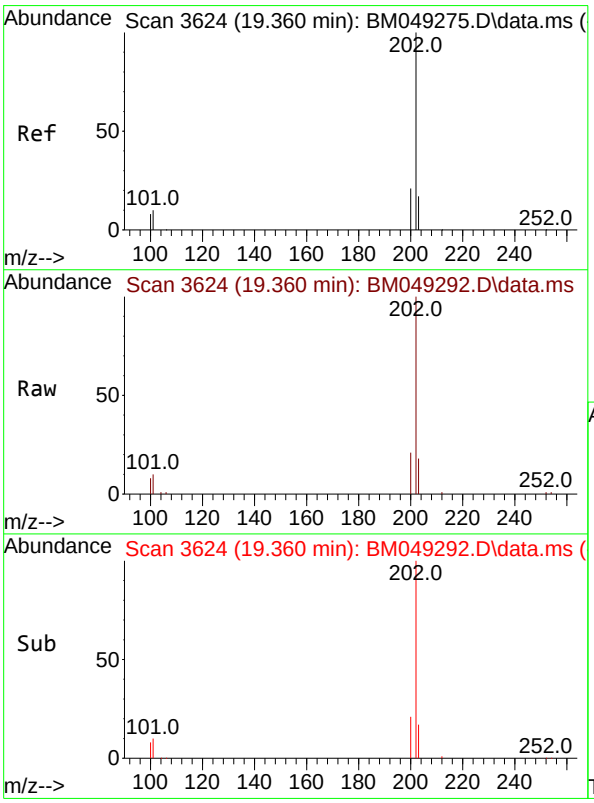
#19
Fluoranthene
Concen: 0.264 ng/ul
RT: 18.998 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:202 Resp: 23585

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.6	11.4
100	6.4	5.5	8.3

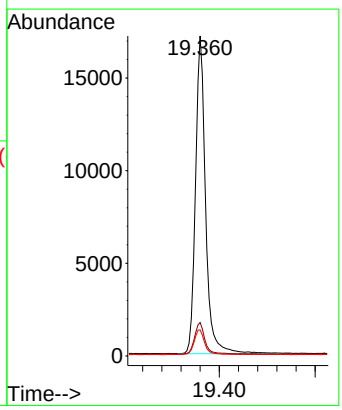


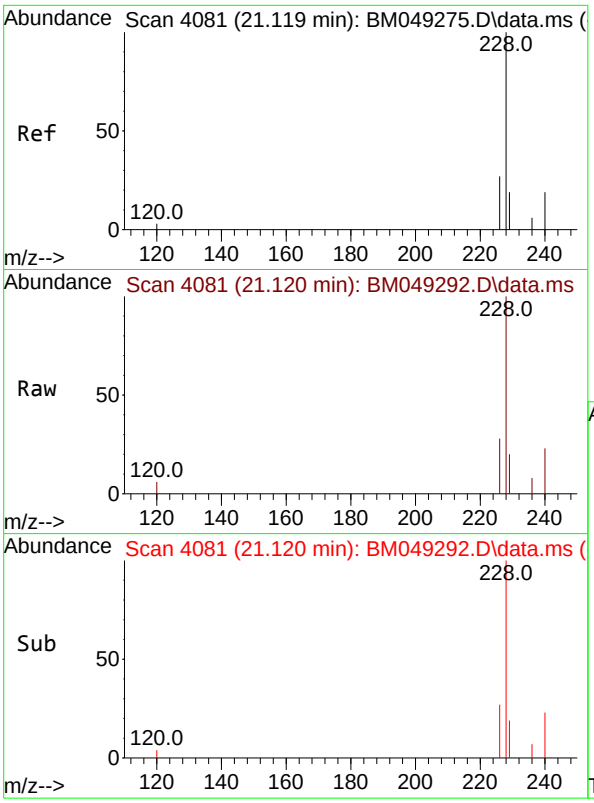


#20
Pyrene
Concen: 0.265 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:202 Resp: 25259

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	8.2	6.9	10.3



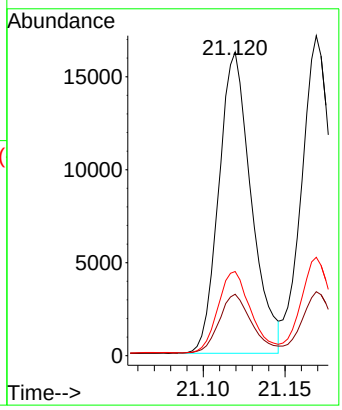


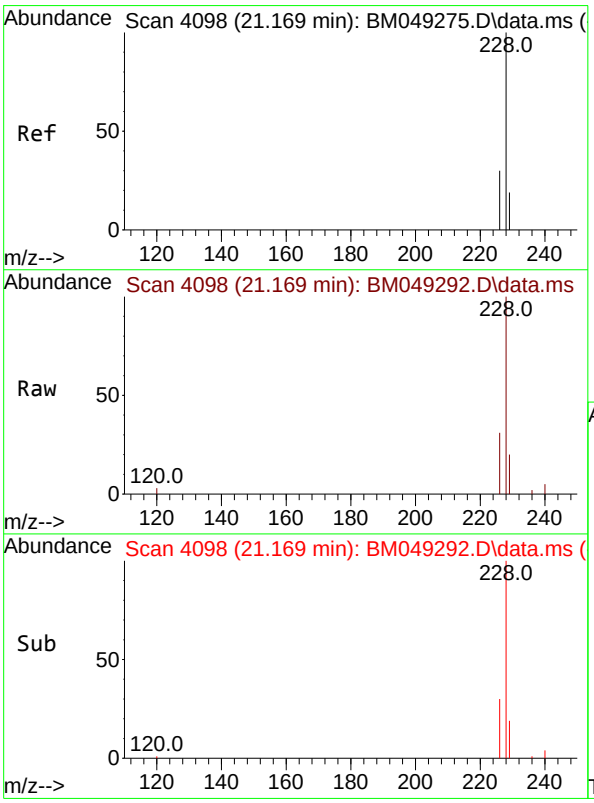
#21
Benzo(a)anthracene
Concen: 0.261 ng/ul
RT: 21.120 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:228 Resp: 22406

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.7	22.6	34.0

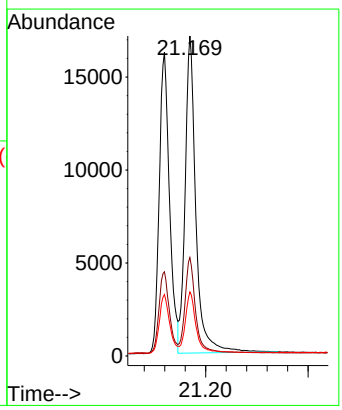


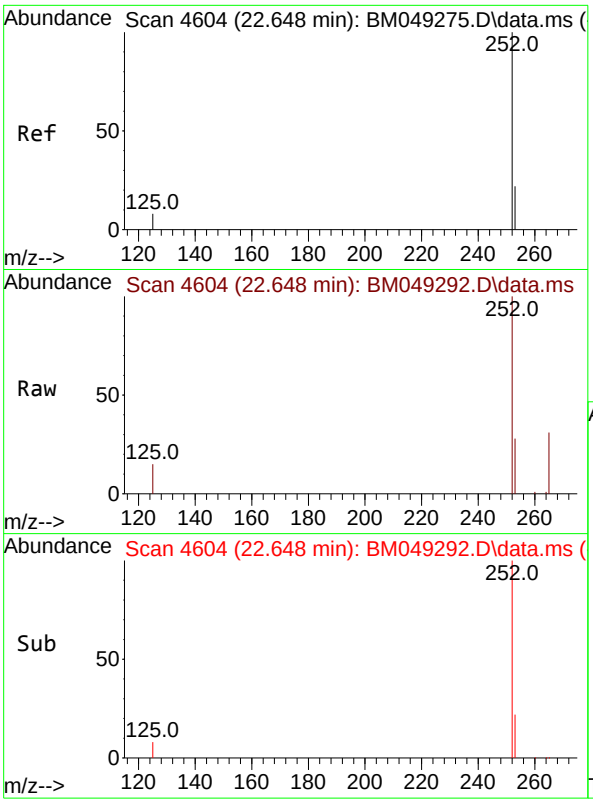


#22
Chrysene
Concen: 0.269 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:228 Resp: 24825

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	20.0	15.8	23.8



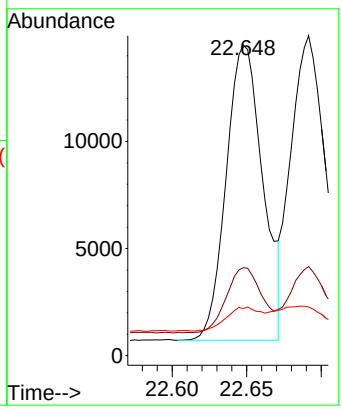


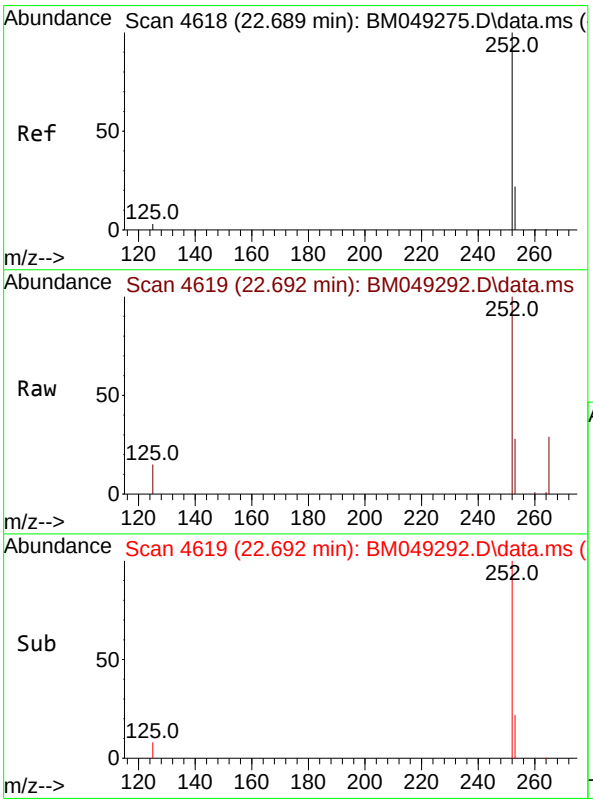
#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul
RT: 22.648 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:252 Resp: 23575

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	52.6
125	15.2	0.0	30.8

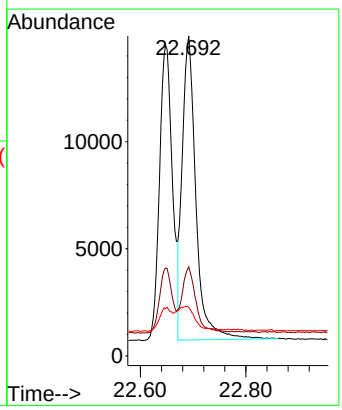


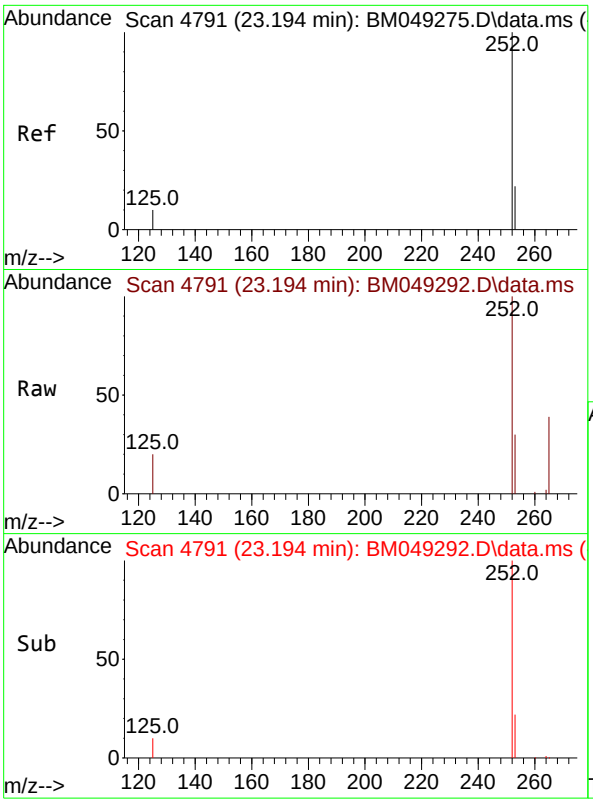


#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:252 Resp: 25486

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.3	31.9
125	15.2	12.6	18.8



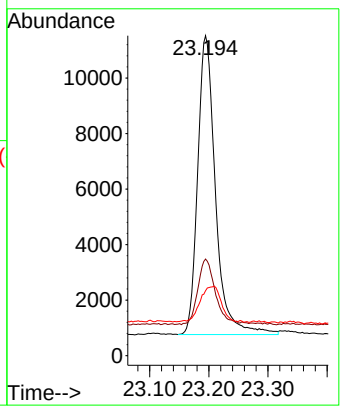


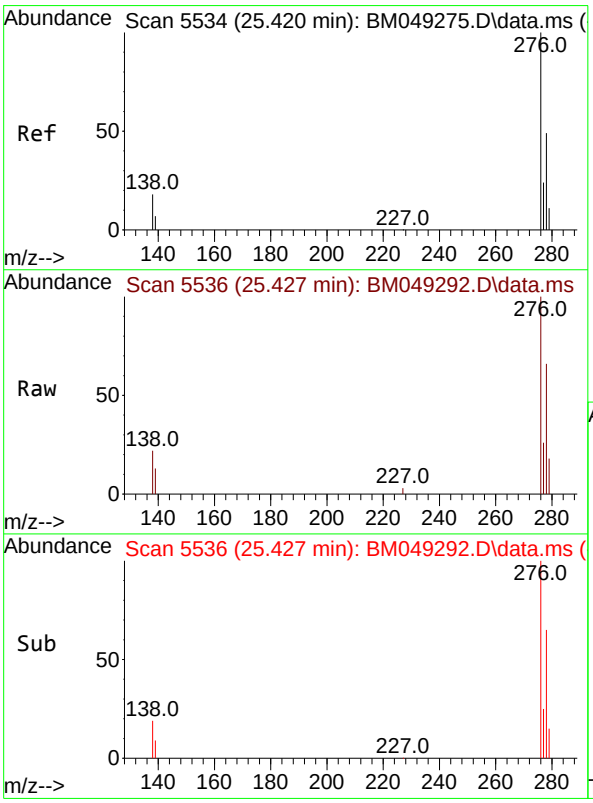
#26
Benzo(a)pyrene
Concen: 0.268 ng/ul
RT: 23.194 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:252 Resp: 22576

Ion	Ratio	Lower	Upper
252	100		
253	30.2	22.4	33.6
125	20.3	14.8	22.2

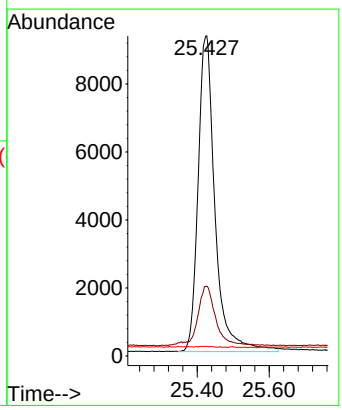


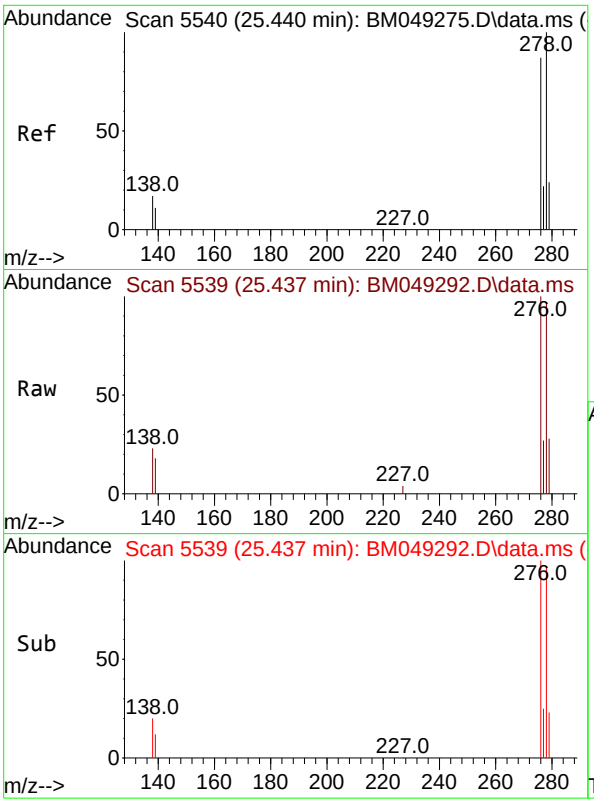


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. 0.010 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:276 Resp: 30266

Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.4	26.2
227	0.2	0.2	0.2



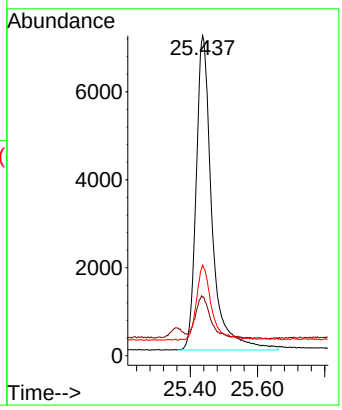


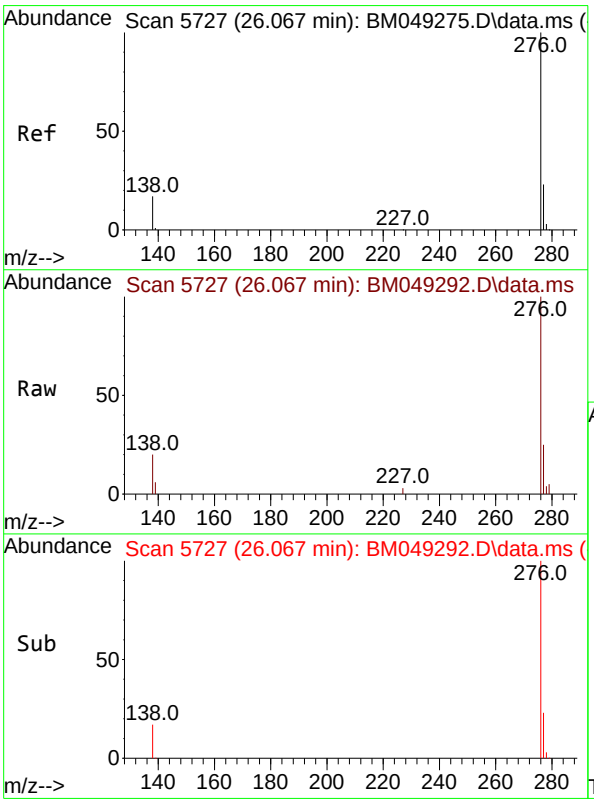
#28
Dibenzo(a,h)anthracene
Concen: 0.252 ng/ul
RT: 25.437 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:278 Resp: 23315

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	28.3	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:276 Resp: 24809

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.7	25.1
277	25.2	19.9	29.9