Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049293.D
Acq On : 28 Dec 2024 15:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Quant Time: Dec 29 21:57:58 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	7.543	152	6833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	21337	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	13161	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	29157	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	24579	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	27442	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	3331	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	11750	0.410	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	28343	0.406	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	3812	0.414	ng/ul#	88
5) Naphthalene	10.348	128	20863	0.391	ng/ul	100
7) 2-Methylnaphthalene	11.976	142	13721	0.405	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	14080	0.406	ng/ul	99
10) Acenaphthylene	13.896	152	20831	0.382	ng/ul	100
11) Acenaphthene	14.243	153	15540	0.390	ng/ul	100
12) Fluorene	15.238	166	17903	0.399	ng/ul	98
14) Pentachlorophenol	16.592	266	2408	0.299	ng/ul	94
15) Phenanthrene	16.972	178	28832	0.379	ng/ul	99
16) Anthracene	17.065	178	26963	0.386	ng/ul	99
19) Fluoranthene	18.997	202	35801	0.403	ng/ul	98
20) Pyrene	19.360	202	38228	0.403	ng/ul	99
21) Benzo(a)anthracene	21.116	228	32693	0.382	ng/ul	100
22) Chrysene	21.169	228	35843	0.391	ng/ul	99
24) Benzo(b)fluoranthene	22.648	252	33750	0.385	ng/ul	96
25) Benzo(k)fluoranthene	22.688	252	37560	0.390	ng/ul#	96
26) Benzo(a)pyrene	23.194	252	33384	0.397	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.420	276	44169	0.371	ng/ul	96
28) Dibenzo(a,h)anthracene	25.437	278	33780	0.365	ng/ul	98
29) Benzo(g,h,i)perylene	26.067	276	36127	0.378	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
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Quant Time: Dec 29 21:57:58 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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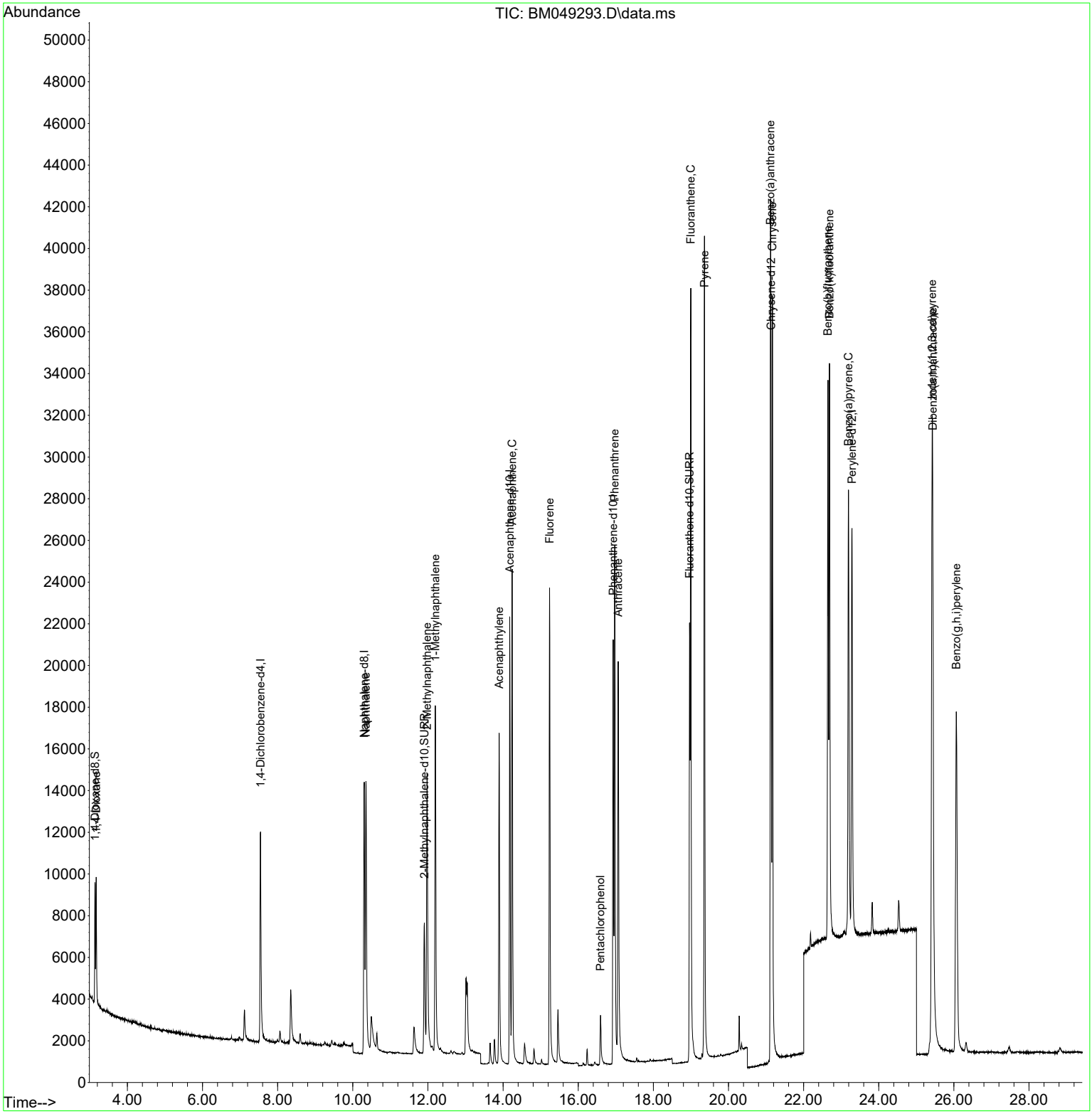
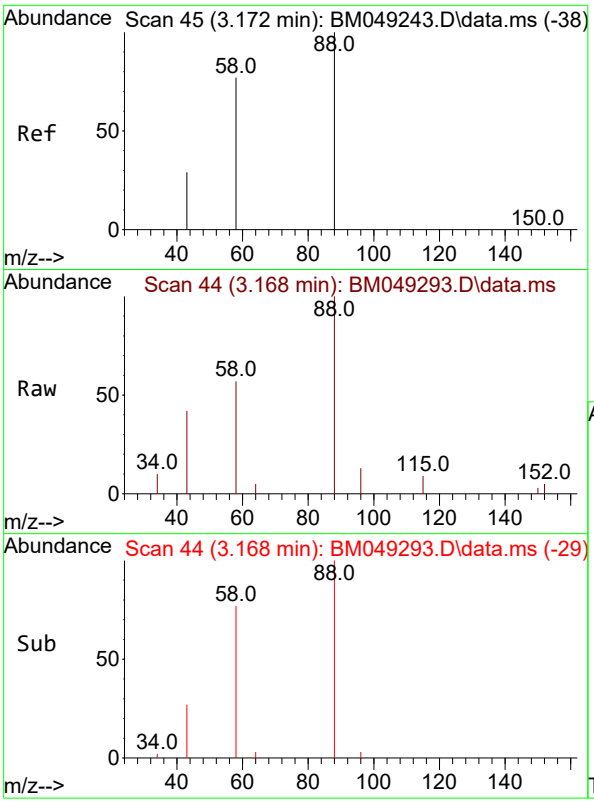


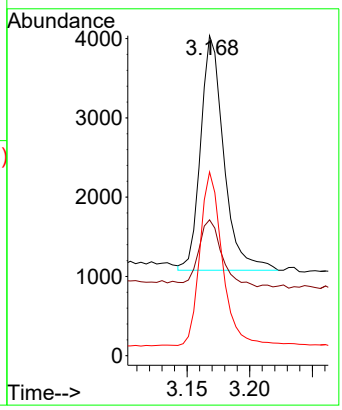


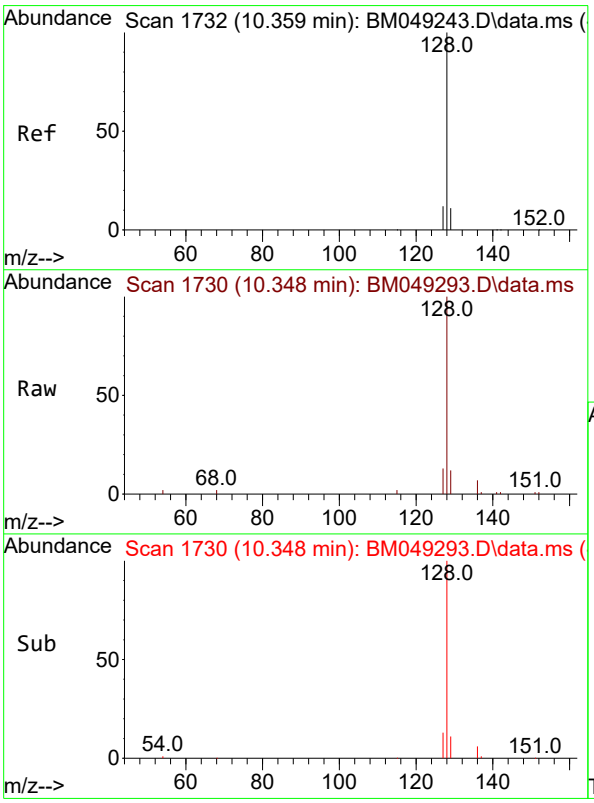
#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. -0.008 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion: 88 Resp: 3812

Ion	Ratio	Lower	Upper
88	100		
43	42.4	45.4	68.2#
58	57.4	43.6	65.4

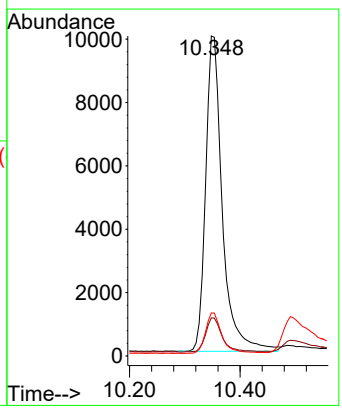


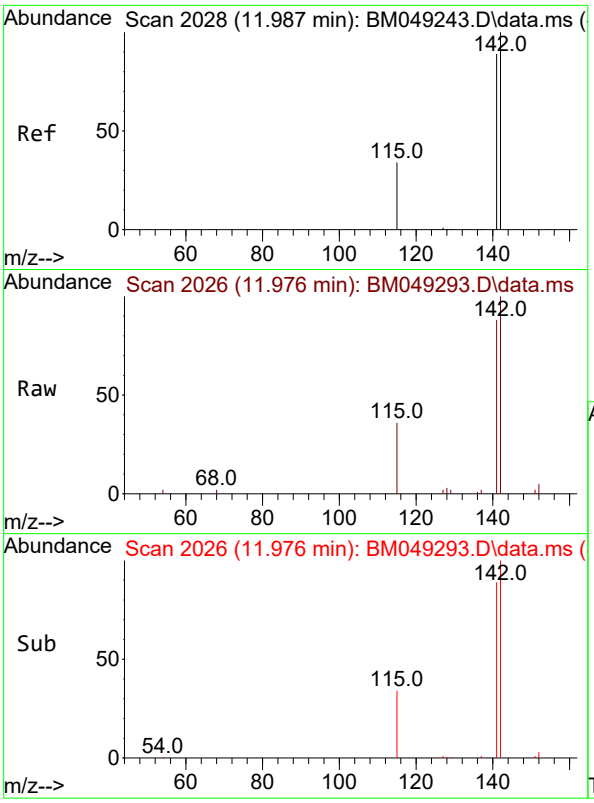


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:128 Resp: 20863

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	13.4	10.6	16.0



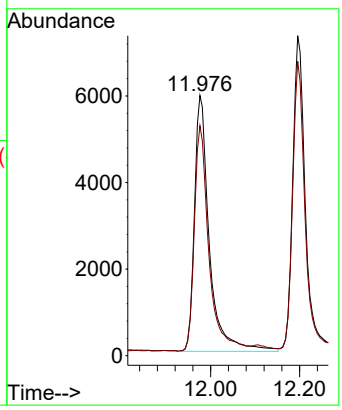


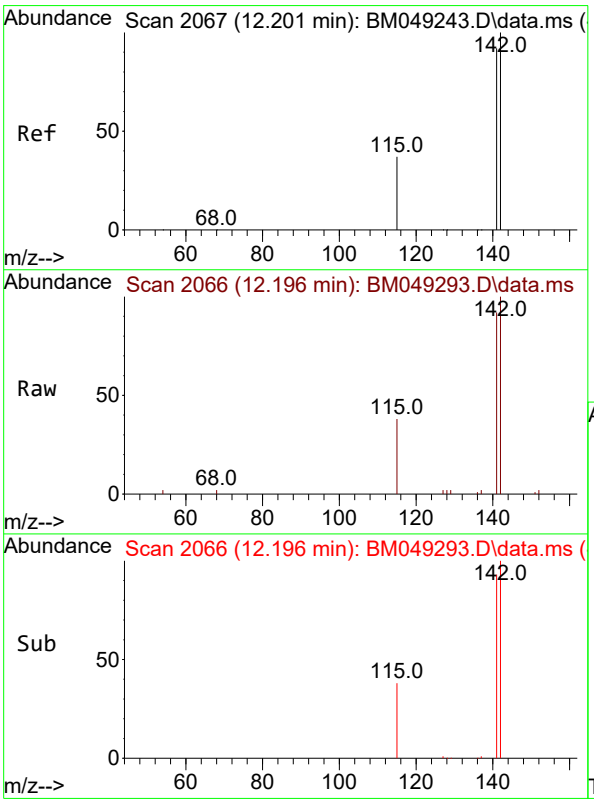
#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 11.976 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:142 Resp: 13721

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5

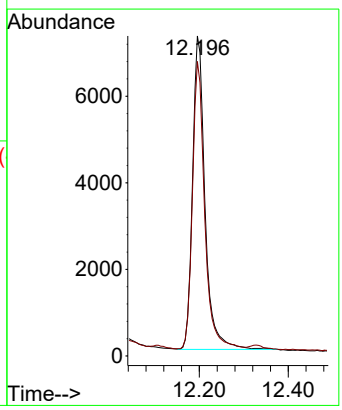


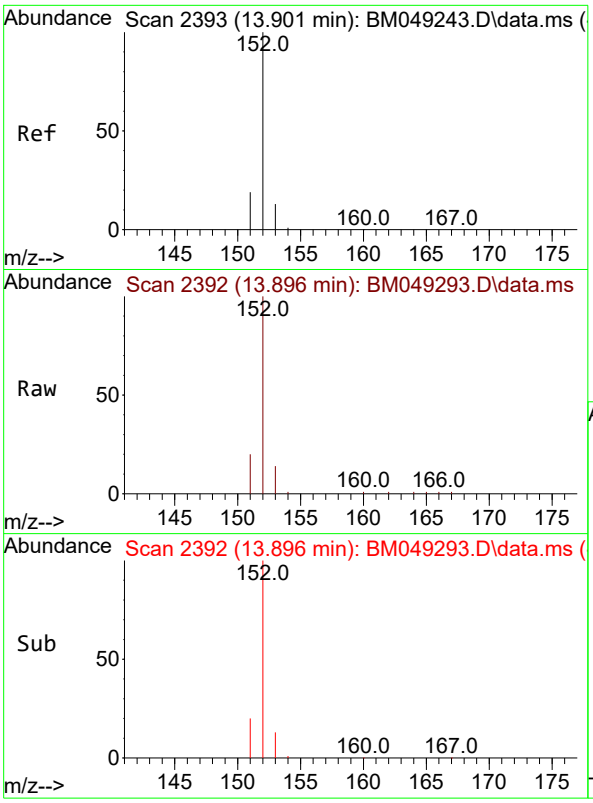


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:142 Resp: 14080

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.7	109.1



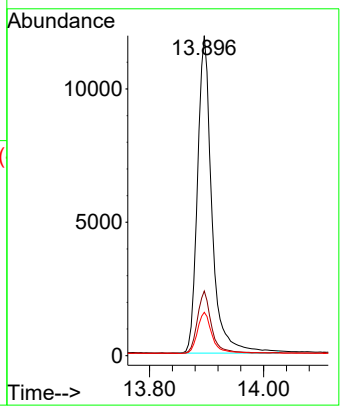


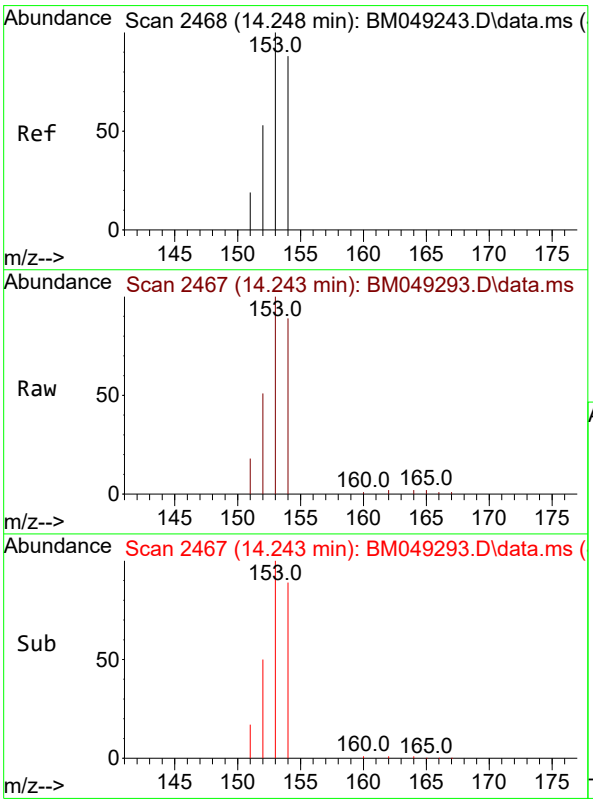
#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 13.896 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:152 Resp: 20831

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.6	11.0	16.6

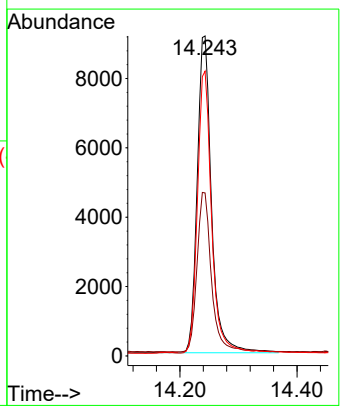


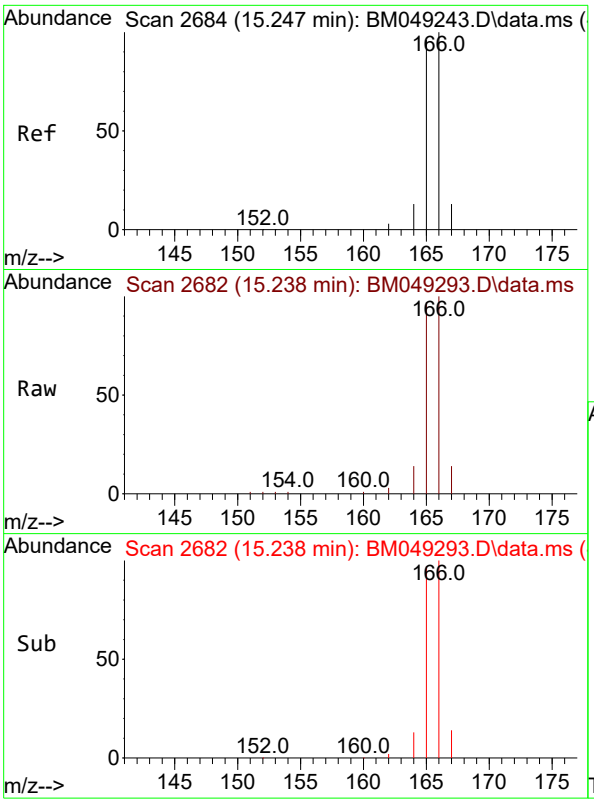


#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:153 Resp: 15540

Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.7	61.1
154	89.0	70.8	106.2



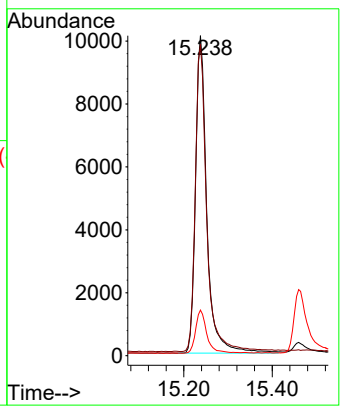


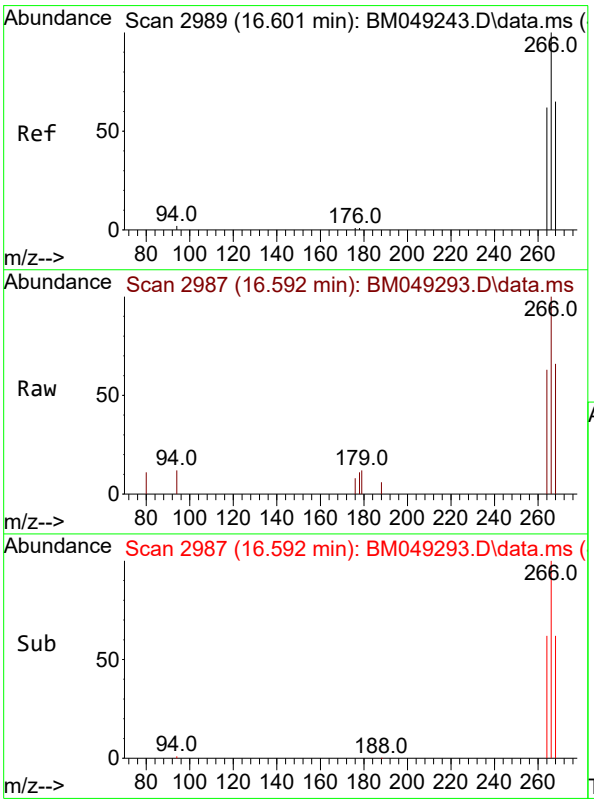
#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.238 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:166 Resp: 17903

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.7	119.5
167	14.3	11.4	17.0

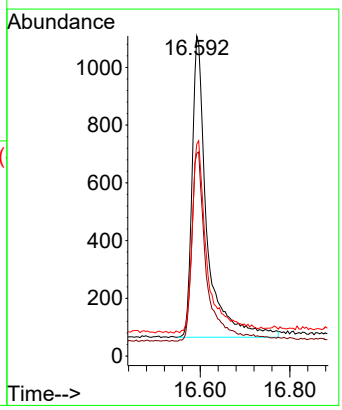


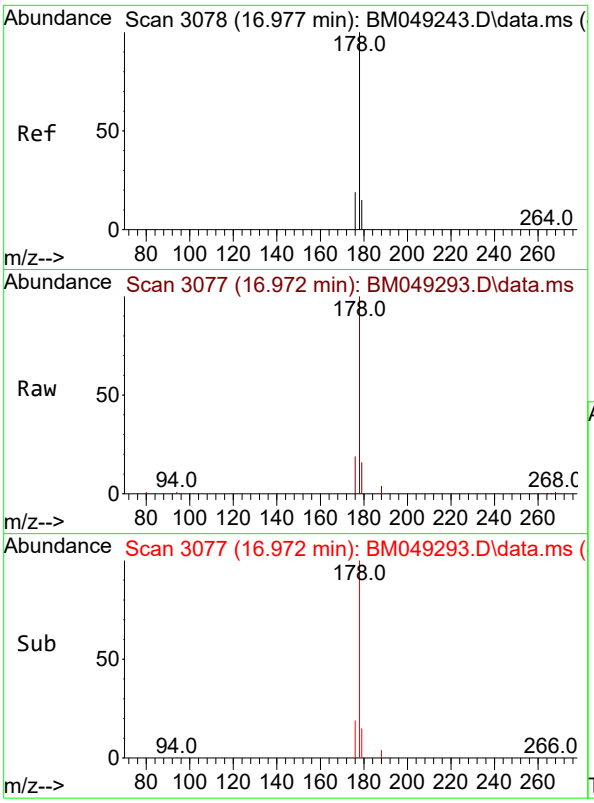


#14
Pentachlorophenol
Concen: 0.299 ng/ul
RT: 16.592 min Scan# 2987
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:266 Resp: 2408

Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.3	72.5
268	65.2	47.5	71.3



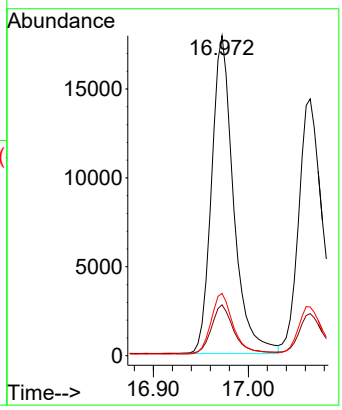


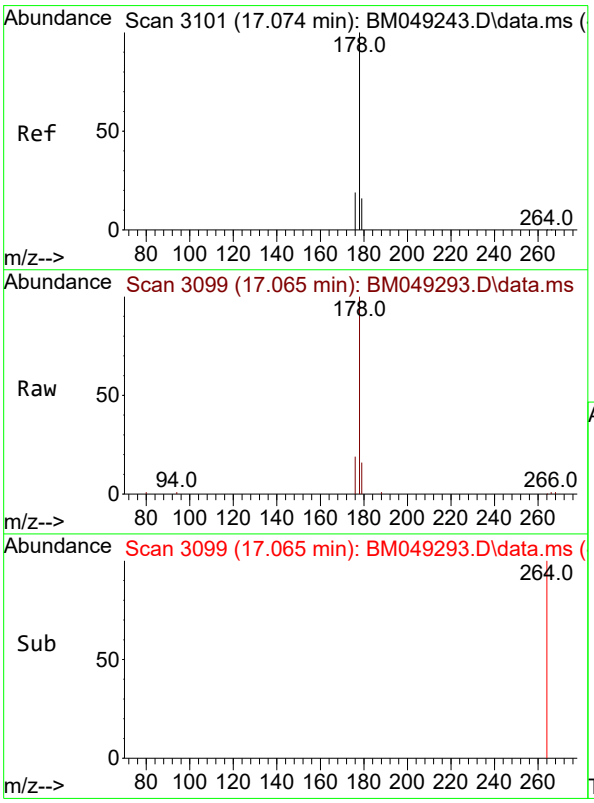
#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 16.972 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:178 Resp: 28832

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	19.4	16.2	24.2

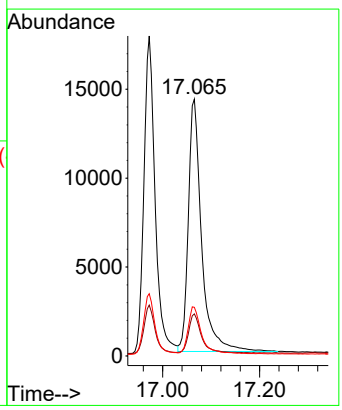


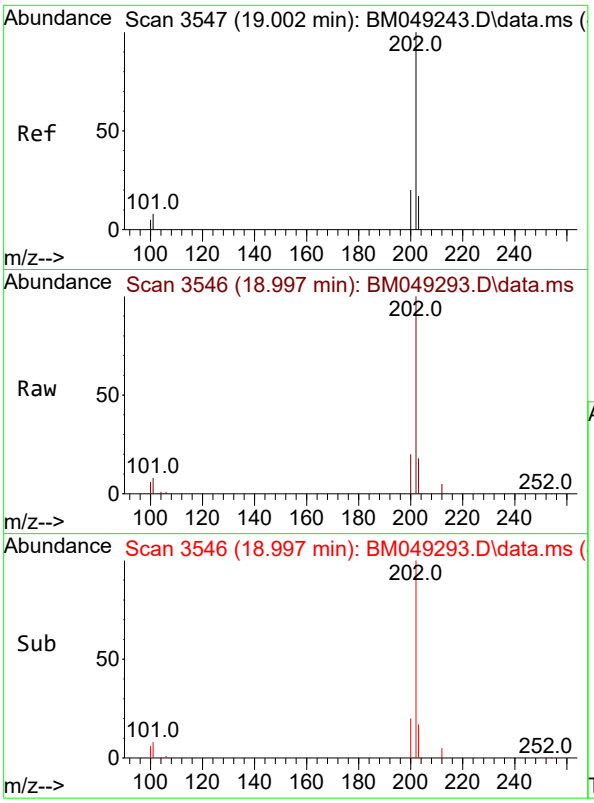


#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:178 Resp: 26963

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.0	15.3	22.9



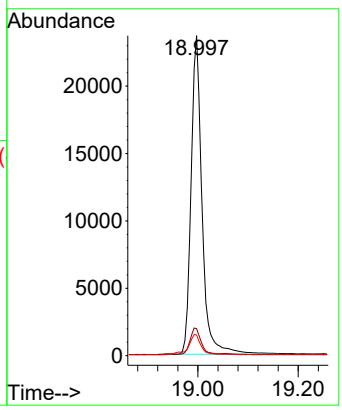


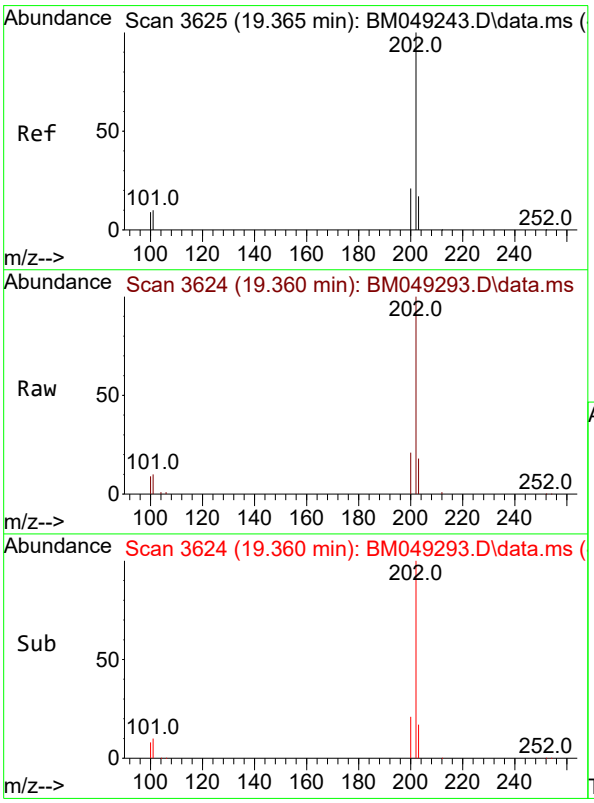
#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 18.997 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:202 Resp: 35801

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.6	11.4
100	6.5	5.5	8.3

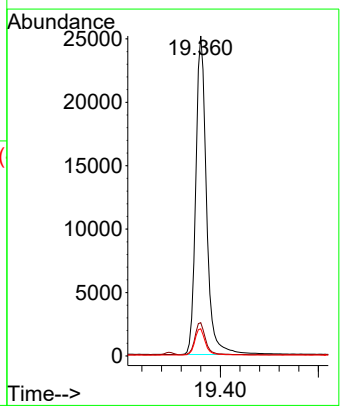


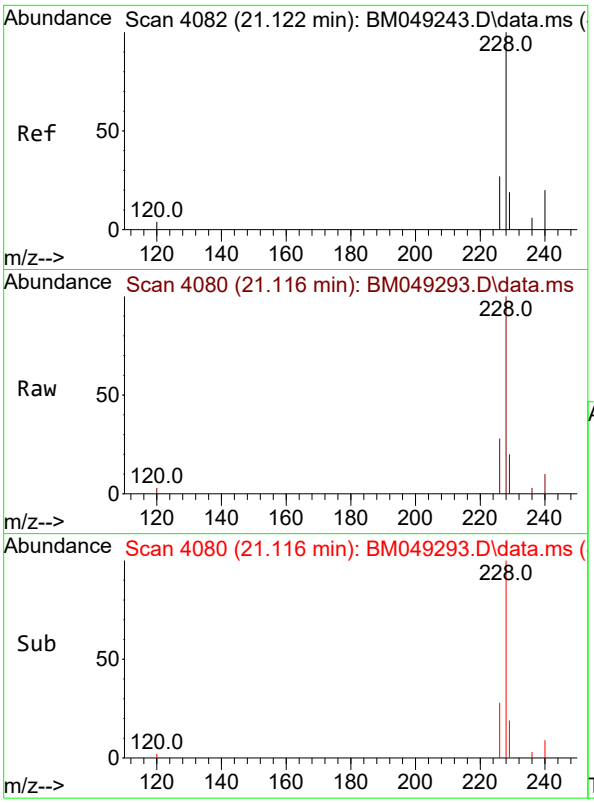


#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:202 Resp: 38228

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	8.5	6.9	10.3



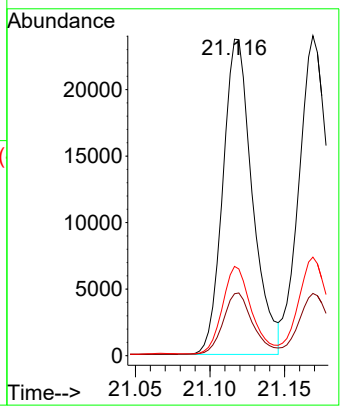


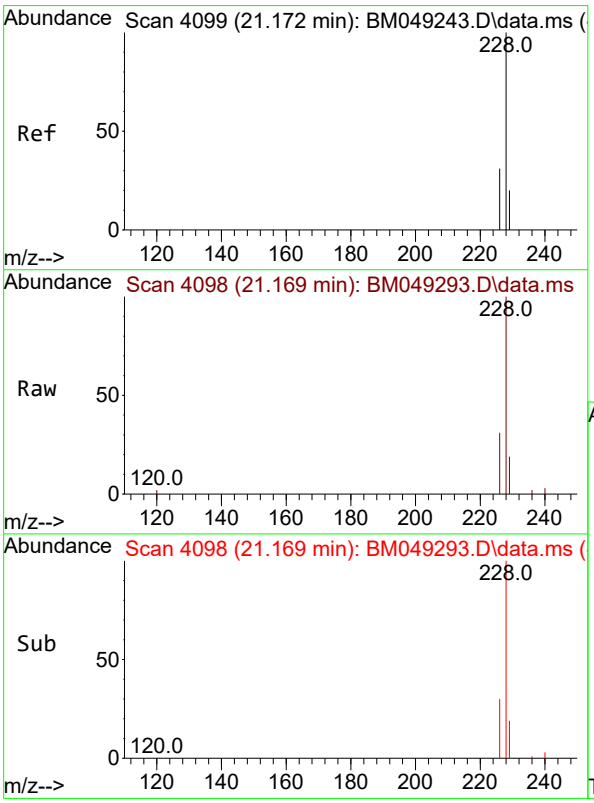
#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.116 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:228 Resp: 32693

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	28.2	22.6	34.0

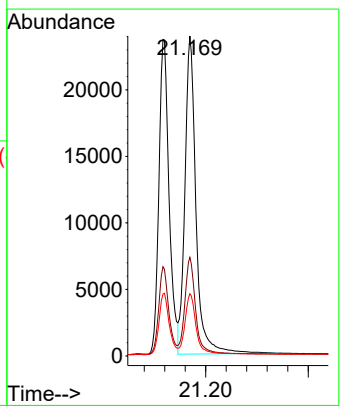


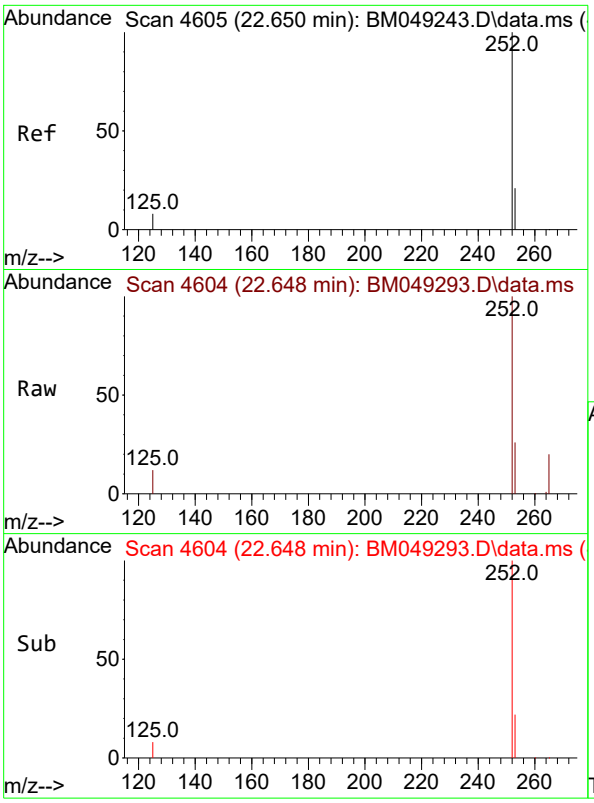


#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:228 Resp: 35843

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	19.5	15.8	23.8



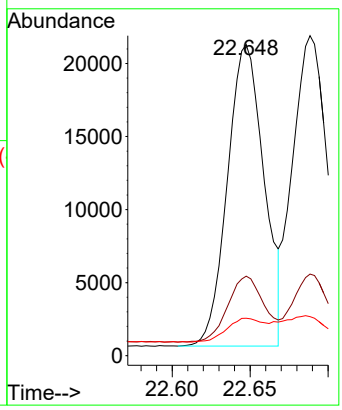


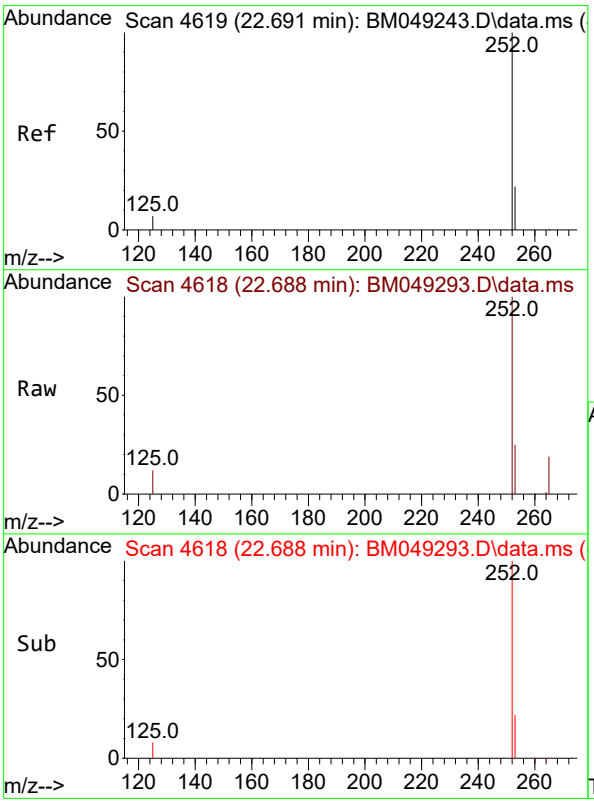
#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 22.648 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:252 Resp: 33750

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	52.6
125	12.0	0.0	30.8

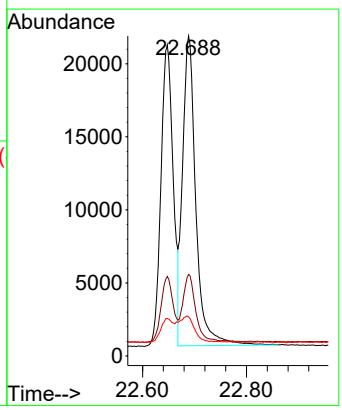


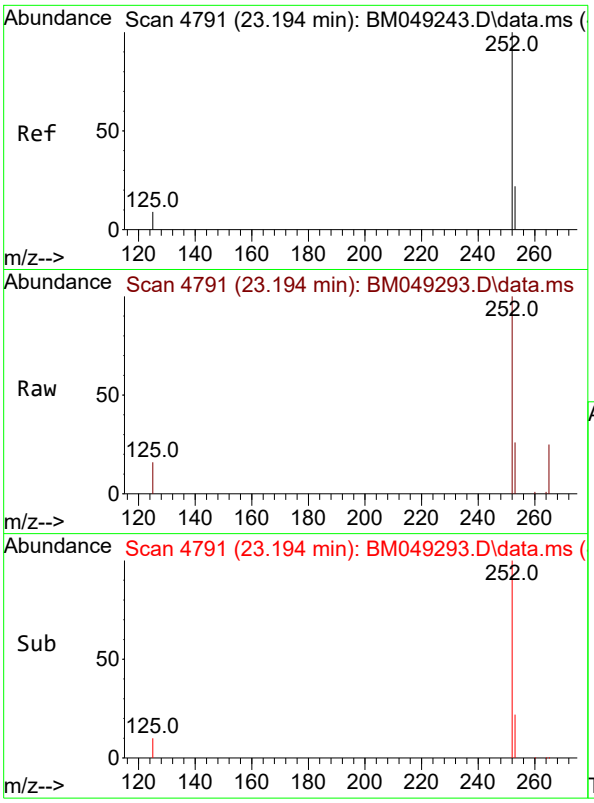


#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 22.688 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:252 Resp: 37560

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.3	31.9
125	12.2	12.6	18.8#



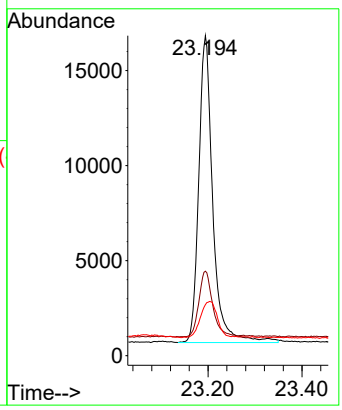


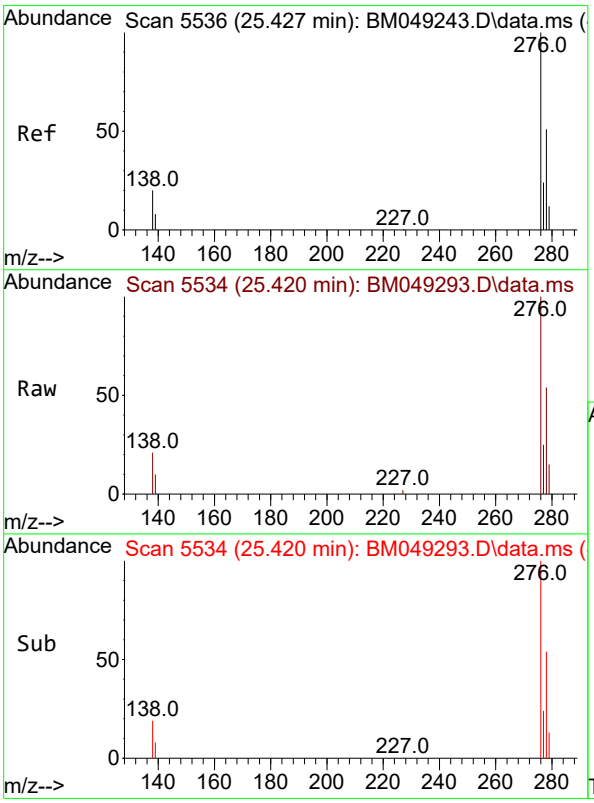
#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.194 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:252 Resp: 33384

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.4	33.6
125	16.0	14.8	22.2

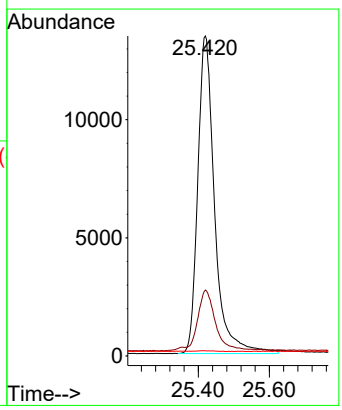


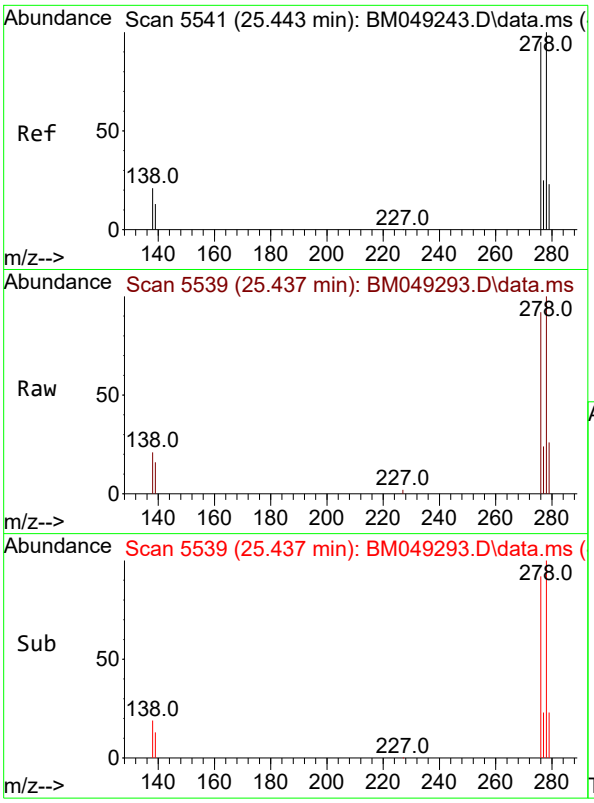


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. 0.003 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:276 Resp: 44169

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.4	26.2
227	0.2	0.2	0.2



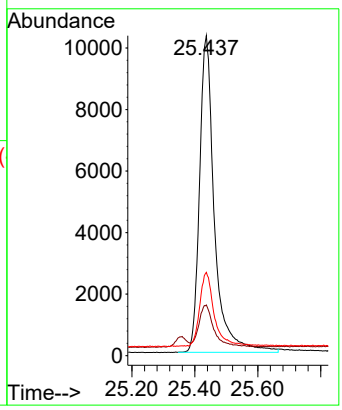


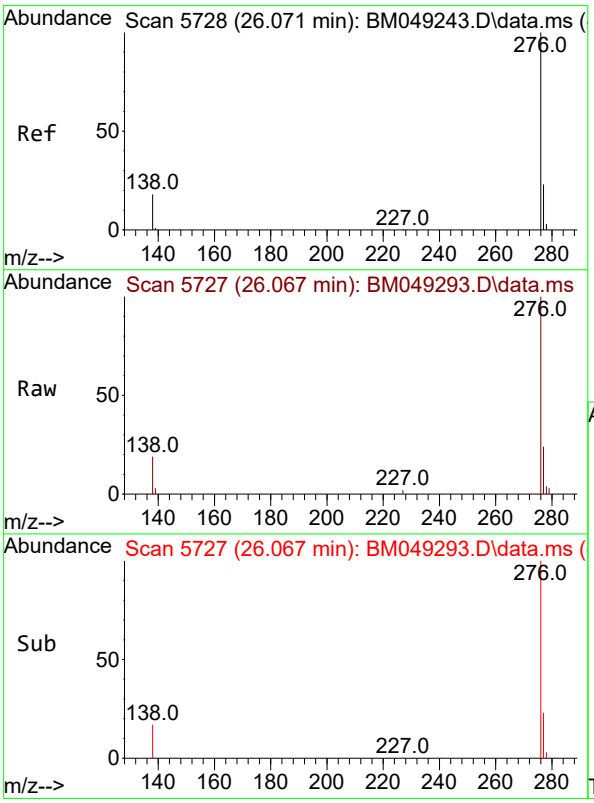
#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.437 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:278 Resp: 33780

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.5	20.3
279	26.0	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049293.D
Acq: 28 Dec 2024 15:43

Tgt Ion:276 Resp: 36127

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.7	25.1
277	24.3	19.9	29.9