Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
Data File : BM034493.D
Acq On : 04 Apr 2022 18:46
Operator : CG/JU
Sample : SSTD3.220
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Quant Time: Apr 05 11:28:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:24:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	8018	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	3973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	6815	0.400	ng/ul	-0.01
17) Chrysene-d12	21.480	240	5683	0.400	ng/ul	#-0.01
23) Perylene-d12	23.889	264	5085	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	12537	2.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.313	152	31772	3.022	ng/ul	-0.02
18) Fluoranthene-d10	19.324	212	50063	2.618	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	12792	1.941	ng/ul#	79
5) Naphthalene	10.774	128	68207	2.724	ng/ul#	87
7) 2-Methylnaphthalene	12.390	142	42938	3.142	ng/ul	99
8) 1-Methylnaphthalene	12.605	142	42613	3.099	ng/ul	99
10) Acenaphthylene	14.278	152	56318	3.064	ng/ul#	89
11) Acenaphthene	14.620	153	43971	2.954	ng/ul	95
12) Fluorene	15.605	166	47752	3.113	ng/ul#	96
14) Pentachlorophenol	16.957	266	8215	2.843	ng/ul	97
15) Phenanthrene	17.341	178	65309	2.951	ng/ul	93
16) Anthracene	17.434	178	56857	3.352	ng/ul#	91
19) Fluoranthene	19.357	202	72292	2.643	ng/ul	97
20) Pyrene	19.720	202	76710	2.399	ng/ul	99
21) Benzo(a)anthracene	21.463	228	44998	3.116	ng/ul	97
22) Chrysene	21.515	228	51746	3.083	ng/ul	96
24) Benzo(b)fluoranthene	23.143	252	53276	3.198	ng/ul	88
25) Benzo(k)fluoranthene	23.190	252	60038	4.040	ng/ul#	85
26) Benzo(a)pyrene	23.778	252	57511	2.961	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.377	276	75605	3.218	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.401	278	56357	3.307	ng/ul#	86
29) Benzo(g,h,i)perylene	27.142	276	75395	2.978	ng/ul	95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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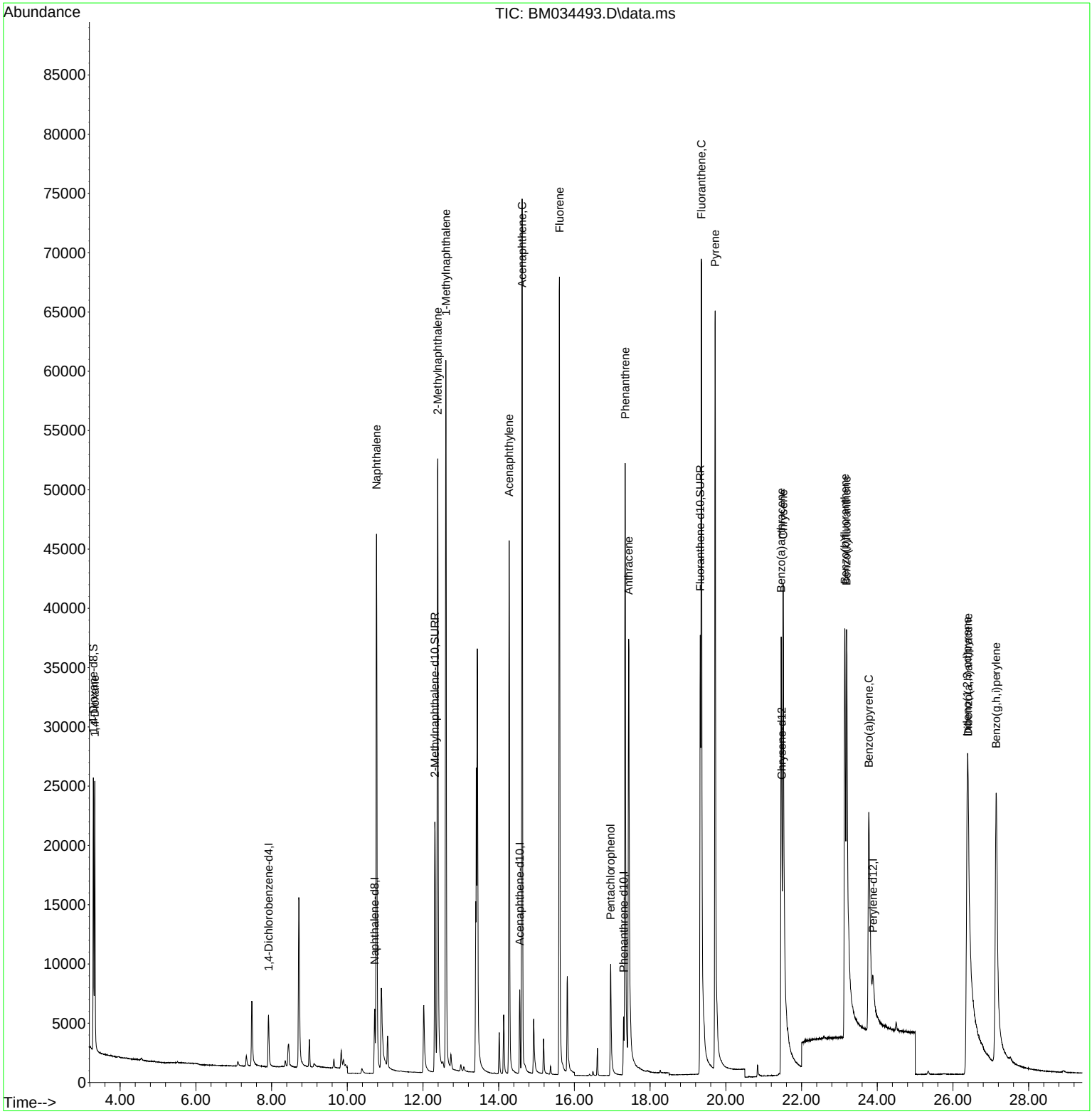
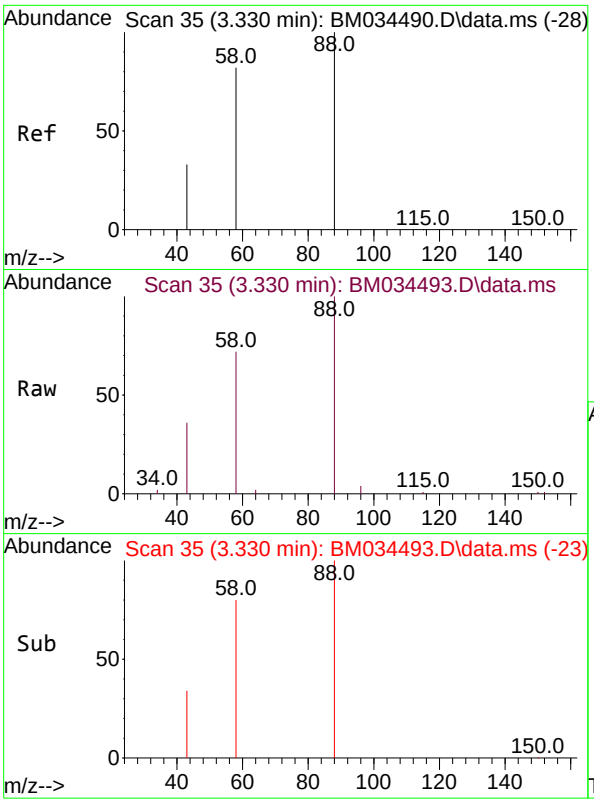


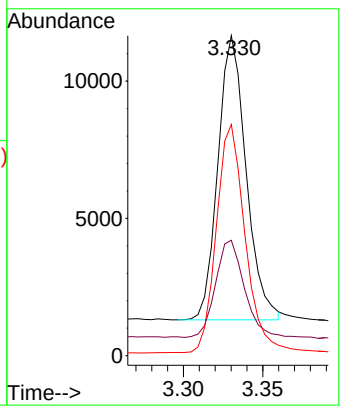


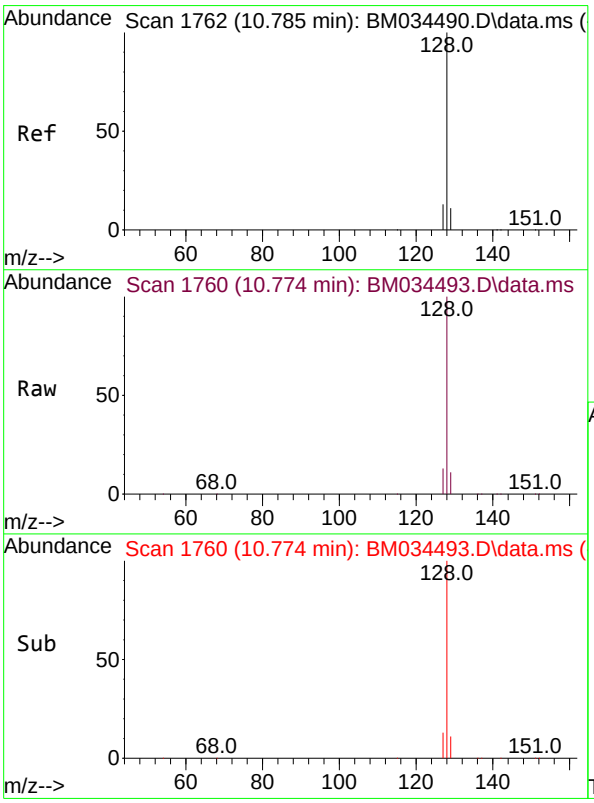
#2
1,4-Dioxane
Concen: 1.941 ng/ul
RT: 3.330 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion: 88 Resp: 12792

Ion	Ratio	Lower	Upper
88	100		
43	36.0	49.7	74.5#
58	72.3	52.5	78.7

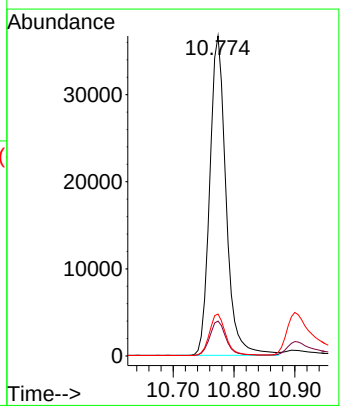


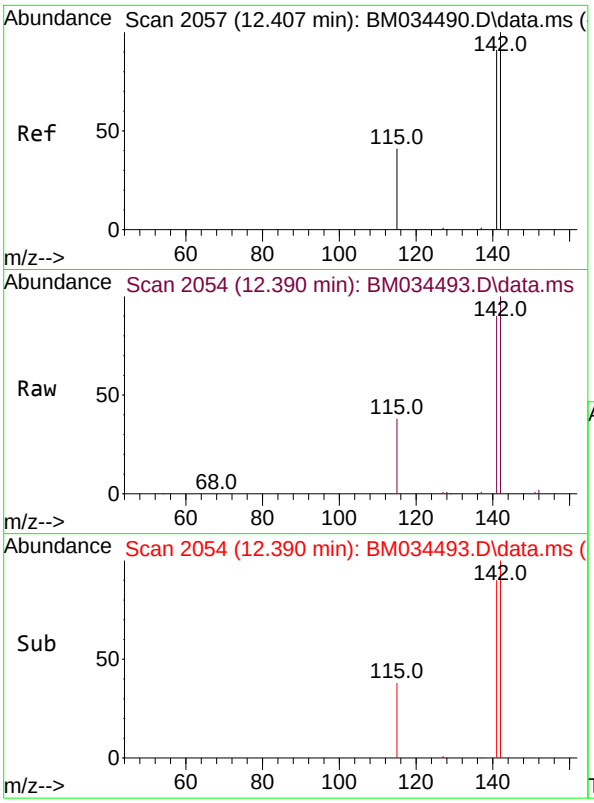


#5
Naphthalene
Concen: 2.724 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:128 Resp: 68207

Ion	Ratio	Lower	Upper
128	100		
129	10.9	13.4	20.2#
127	13.1	15.2	22.8#



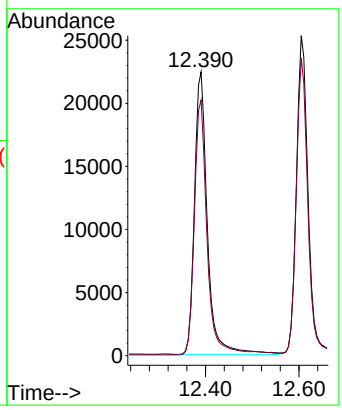


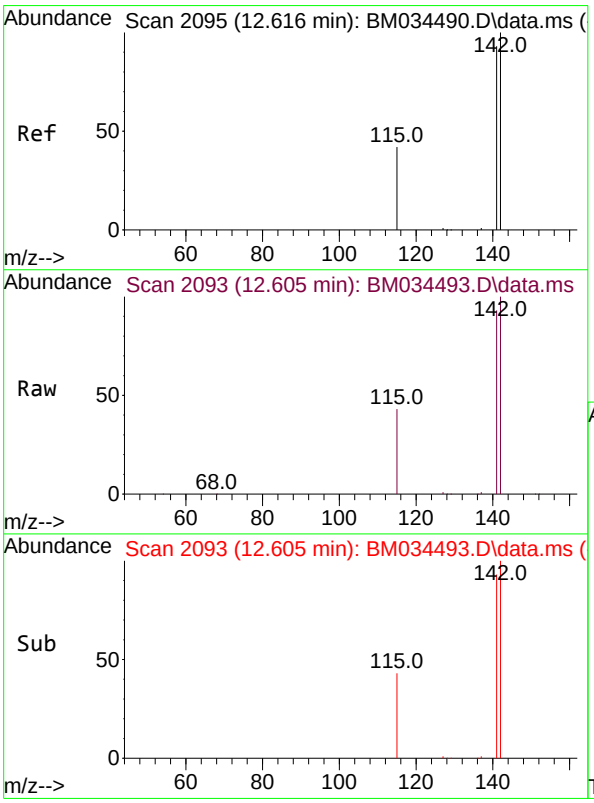
#7
2-Methylnaphthalene
Concen: 3.142 ng/ul
RT: 12.390 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:142 Resp: 42938

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.8	107.6

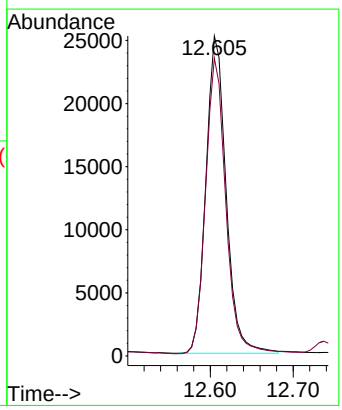


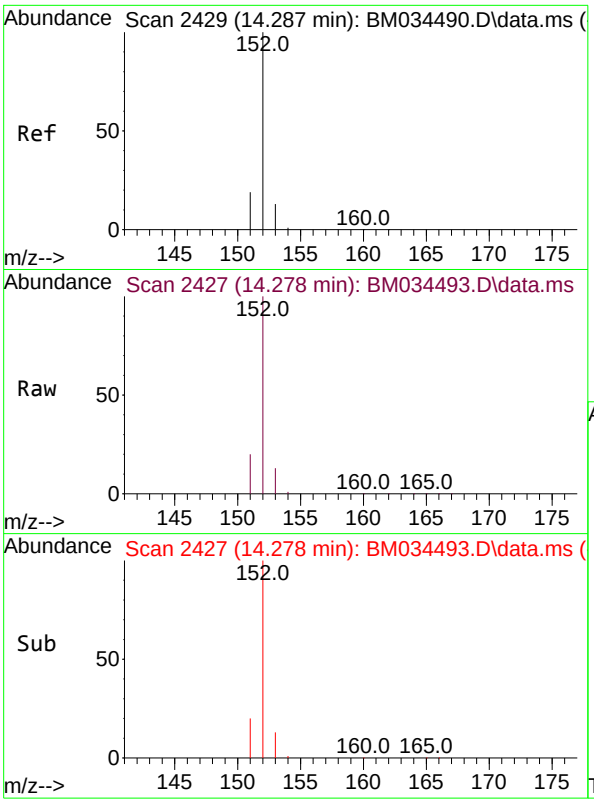


#8
1-Methylnaphthalene
Concen: 3.099 ng/ul
RT: 12.605 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:142 Resp: 42613

Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.0	112.4



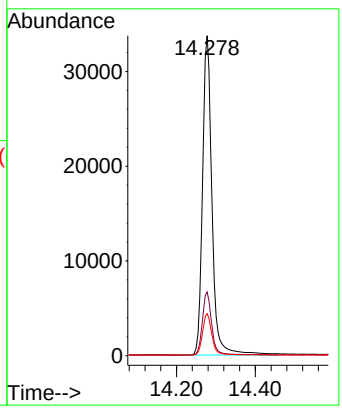


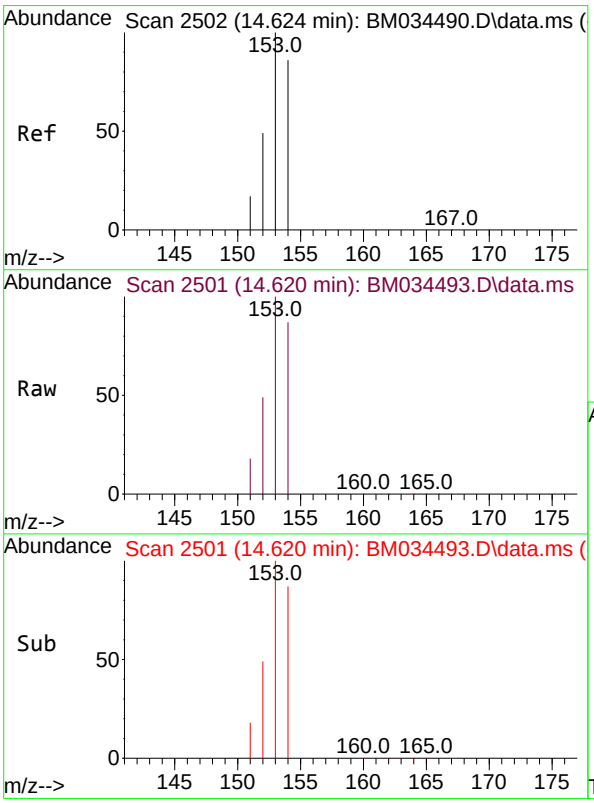
#10
Acenaphthylene
Concen: 3.064 ng/ul
RT: 14.278 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:152 Resp: 56318

Ion	Ratio	Lower	Upper
152	100		
151	19.9	19.9	29.9#
153	13.1	15.0	22.4#

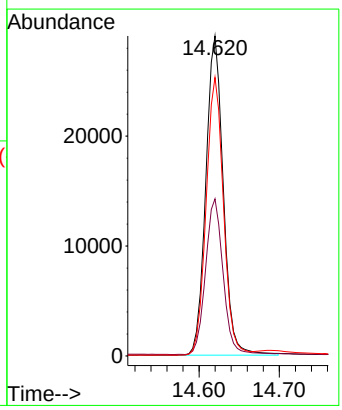


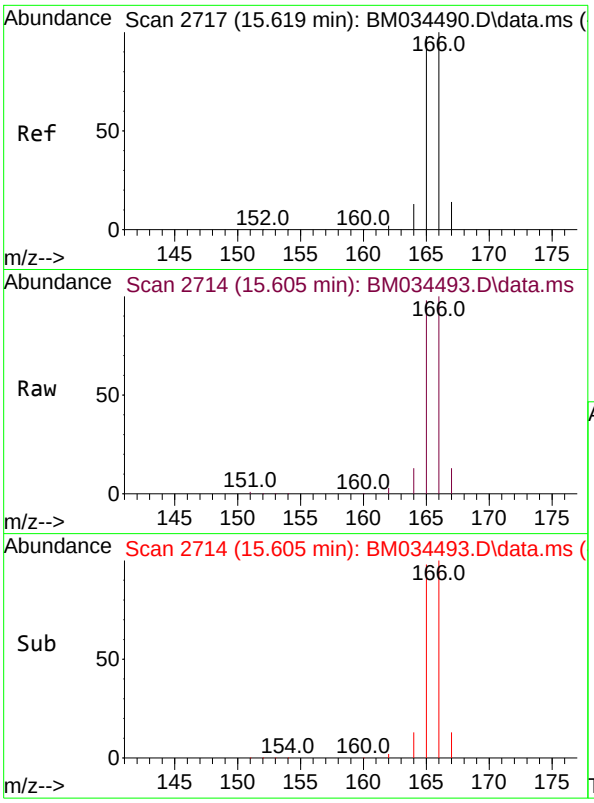


#11
Acenaphthene
Concen: 2.954 ng/ul
RT: 14.620 min Scan# 2501
Delta R.T. -0.005 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:153 Resp: 43971

Ion	Ratio	Lower	Upper
153	100		
152	49.1	42.4	63.6
154	87.1	66.2	99.2



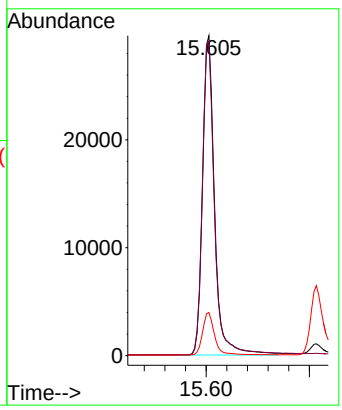


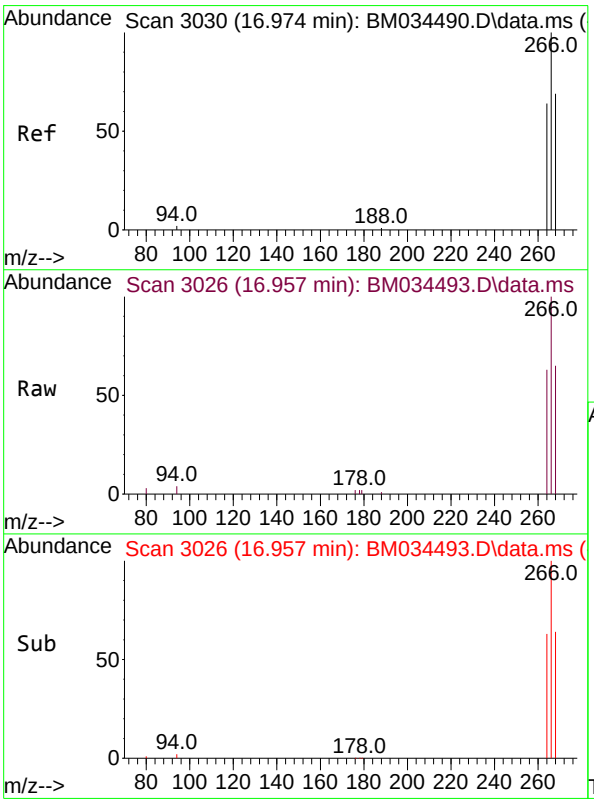
#12
Fluorene
Concen: 3.113 ng/ul
RT: 15.605 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:166 Resp: 47752

Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.1	121.7
167	13.5	14.9	22.3#

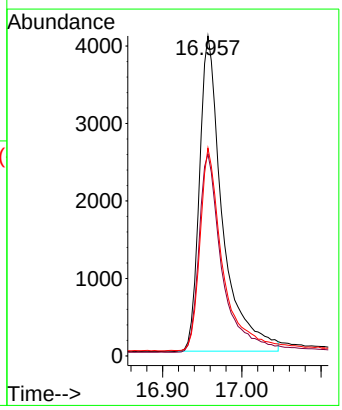


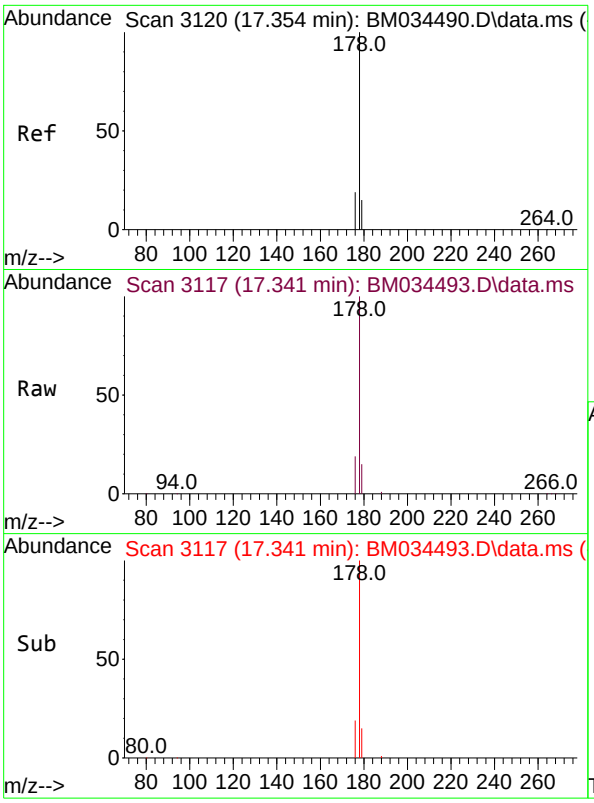


#14
Pentachlorophenol
Concen: 2.843 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. -0.017 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:266 Resp: 8215

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.4	77.0
268	63.2	53.1	79.7



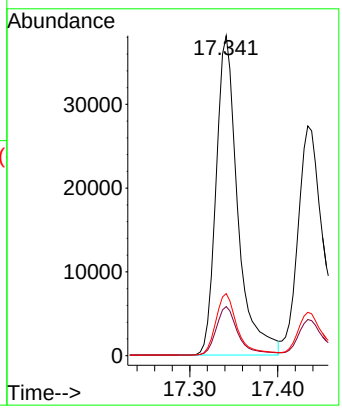


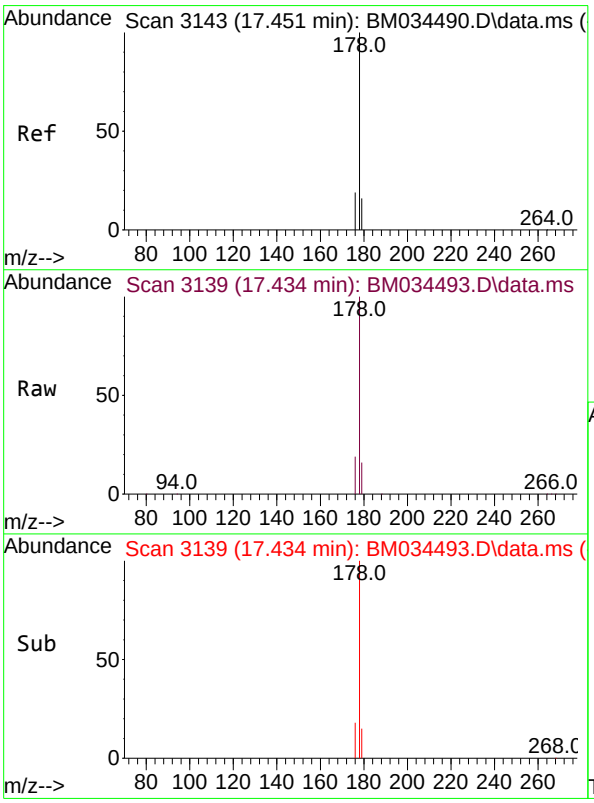
#15
Phenanthrene
Concen: 2.951 ng/ul
RT: 17.341 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:178 Resp: 65309

Ion	Ratio	Lower	Upper
178	100		
179	15.3	15.0	22.6
176	19.4	17.9	26.9

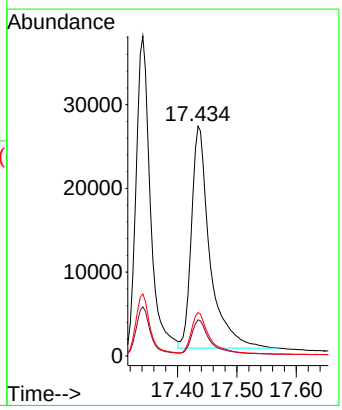


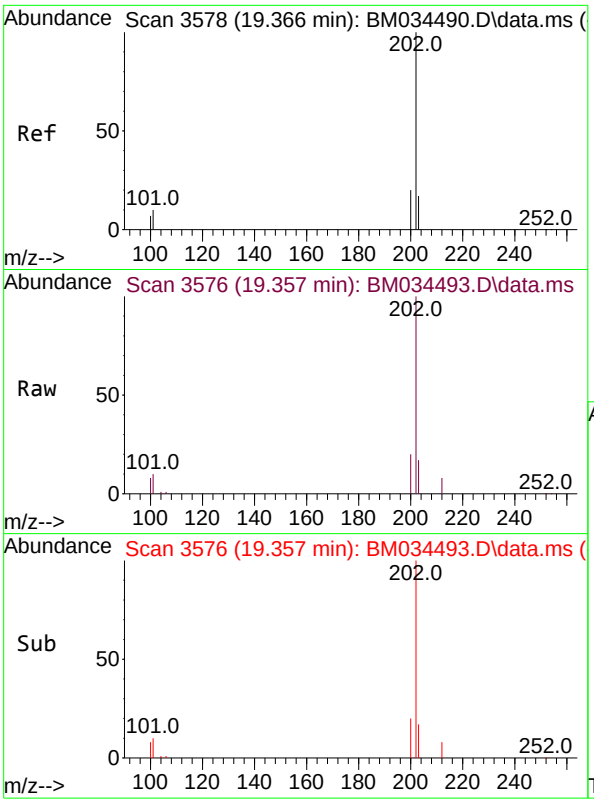


#16
Anthracene
Concen: 3.352 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.017 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:178 Resp: 56857

Ion	Ratio	Lower	Upper
178	100		
179	15.8	16.5	24.7#
176	18.9	18.3	27.5



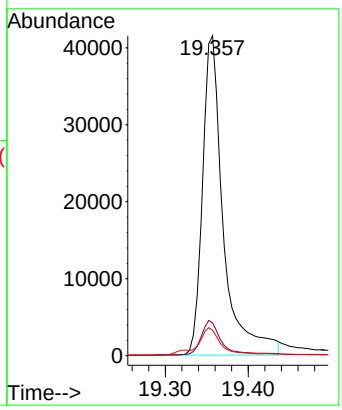


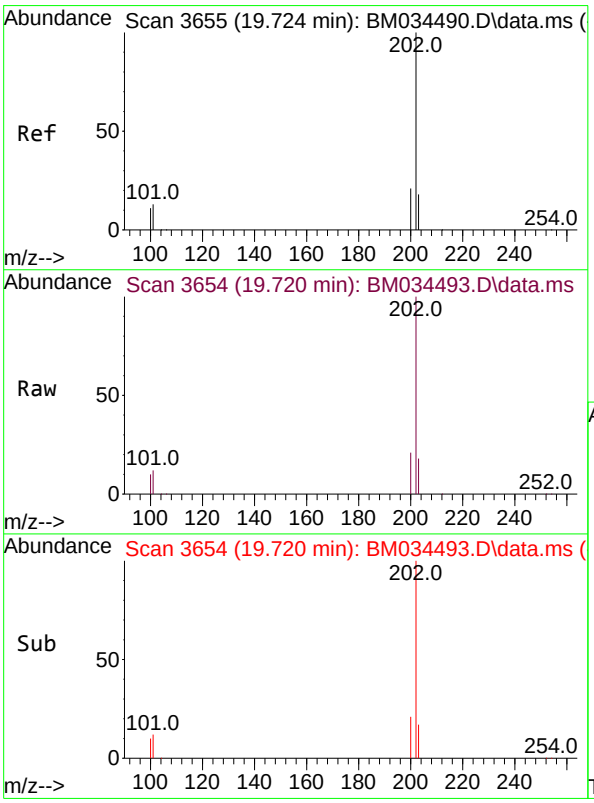
#19
Fluoranthene
Concen: 2.643 ng/ul
RT: 19.357 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:202 Resp: 72292

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.2	13.8
100	8.0	7.2	10.8

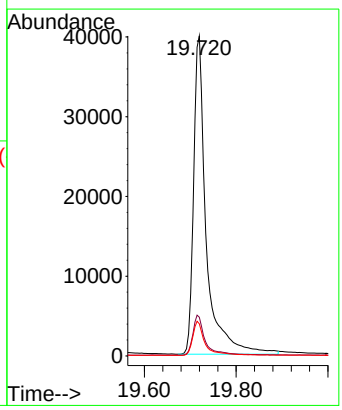


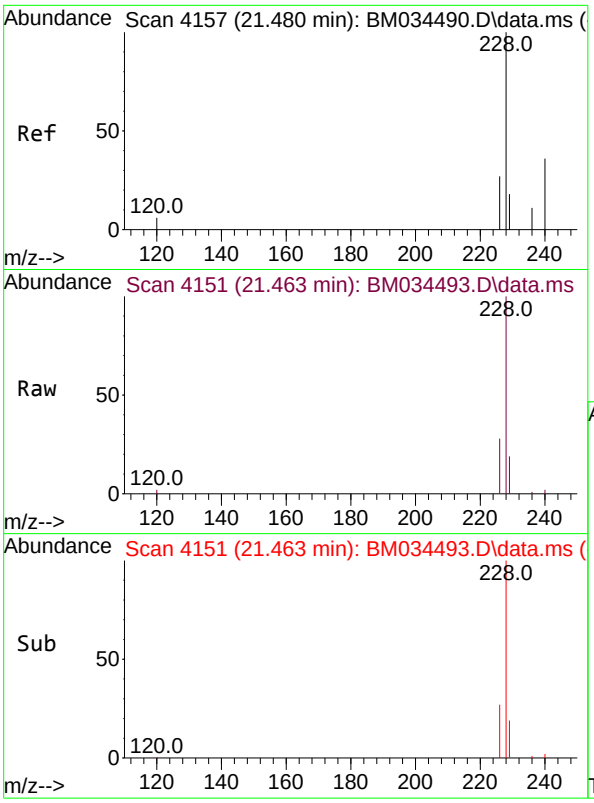


#20
Pyrene
Concen: 2.399 ng/ul
RT: 19.720 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:202 Resp: 76710

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	10.0	7.8	11.6



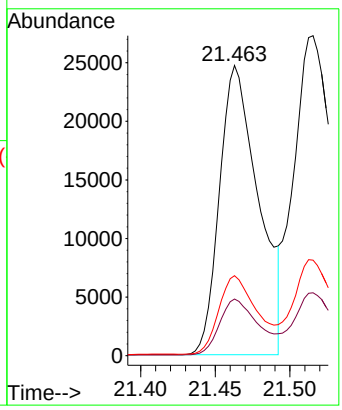


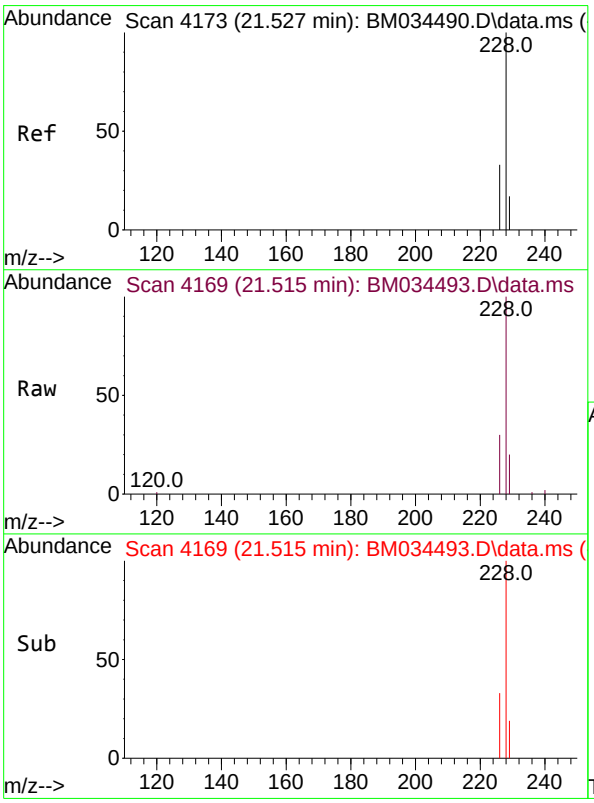
#21
Benzo(a)anthracene
Concen: 3.116 ng/ul
RT: 21.463 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:228 Resp: 44998

Ion	Ratio	Lower	Upper
228	100		
229	19.5	17.3	25.9
226	27.6	23.2	34.8

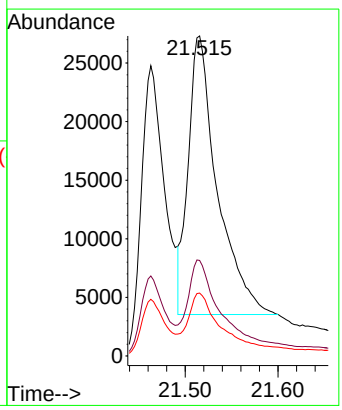


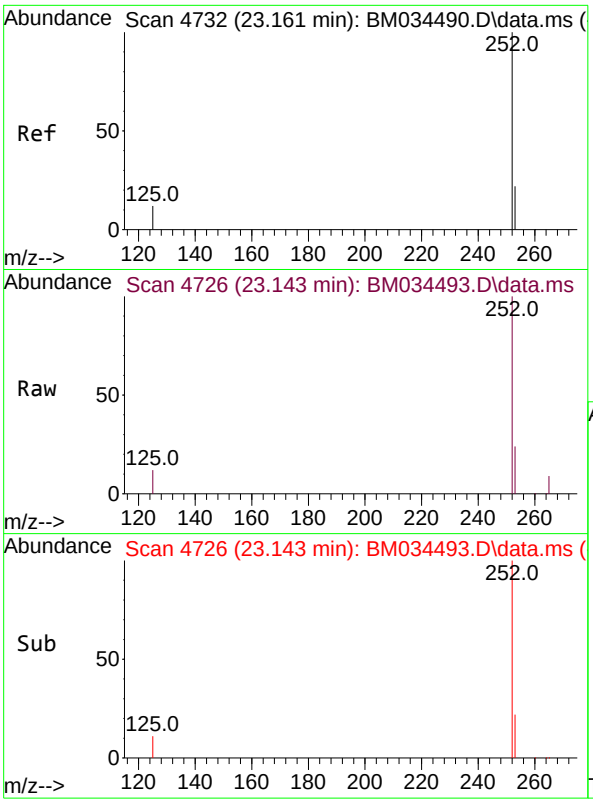


#22
Chrysene
Concen: 3.083 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:228 Resp: 51746

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.8	38.8
229	19.6	16.7	25.1



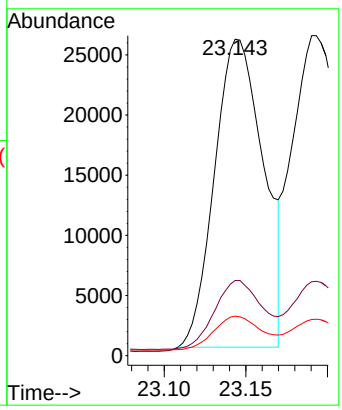


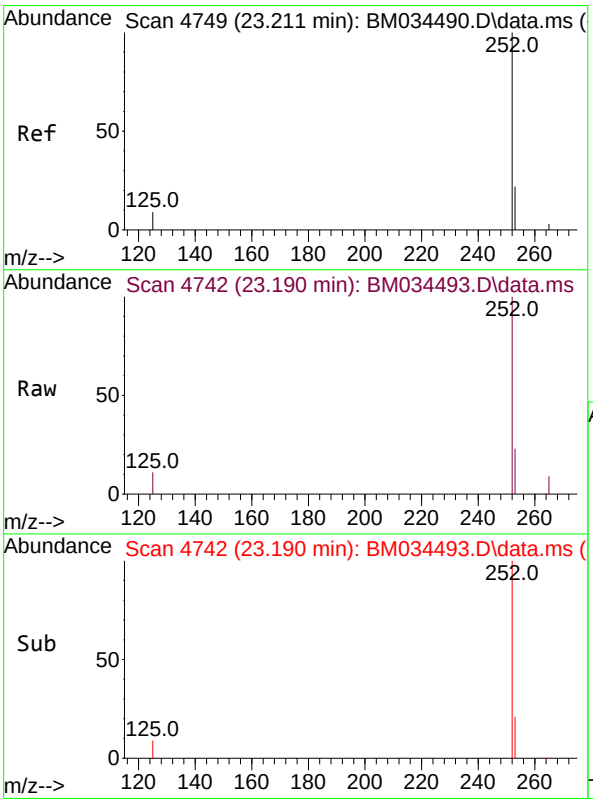
#24
Benzo(b)fluoranthene
Concen: 3.198 ng/ul
RT: 23.143 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 53276

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	64.2
125	12.5	0.0	28.8

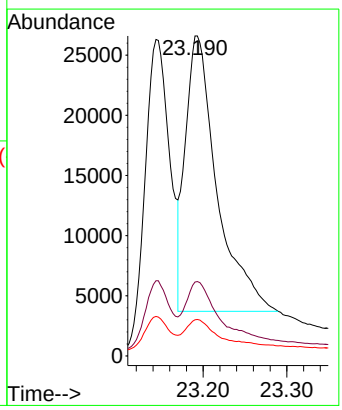


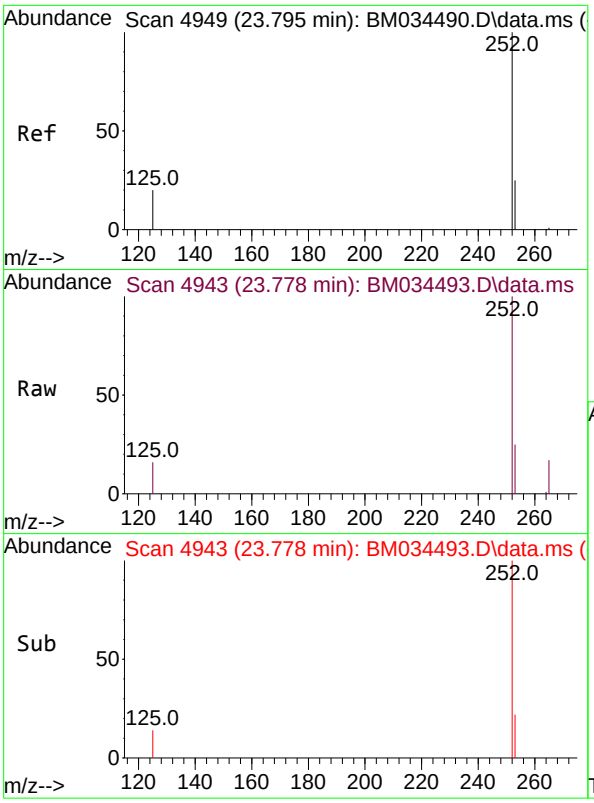


#25
Benzo(k)fluoranthene
Concen: 4.040 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.021 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:252 Resp: 60038

Ion	Ratio	Lower	Upper
252	100		
253	23.1	26.8	40.2#
125	11.3	12.0	18.0#



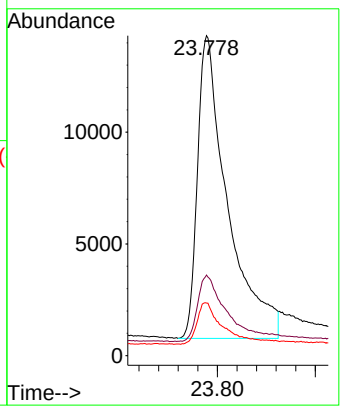


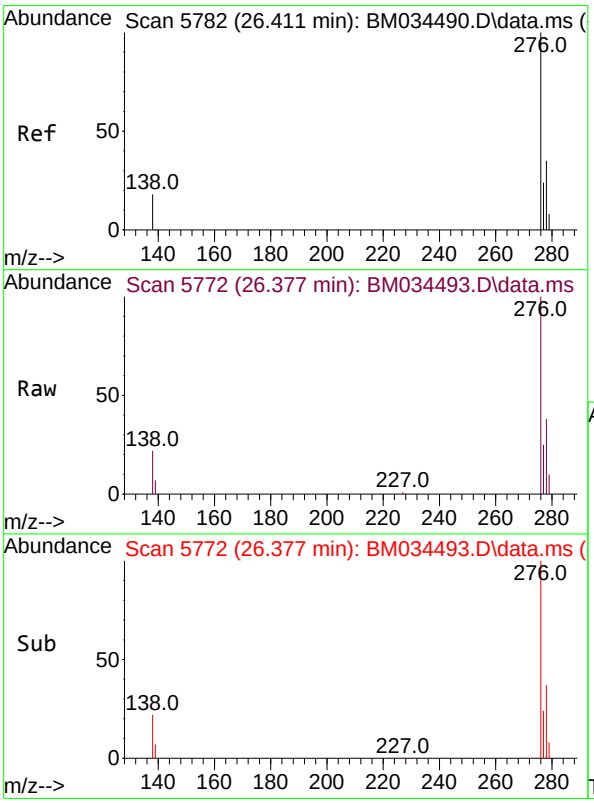
#26
Benzo(a)pyrene
Concen: 2.961 ng/ul
RT: 23.778 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 57511

Ion	Ratio	Lower	Upper
252	100		
253	25.2	32.0	48.0#
125	16.4	14.5	21.7

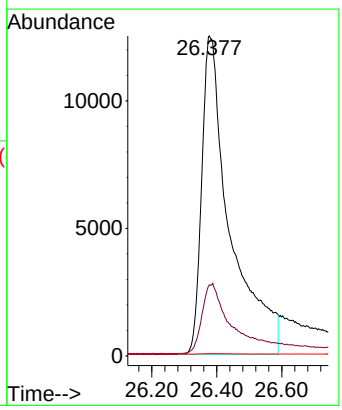


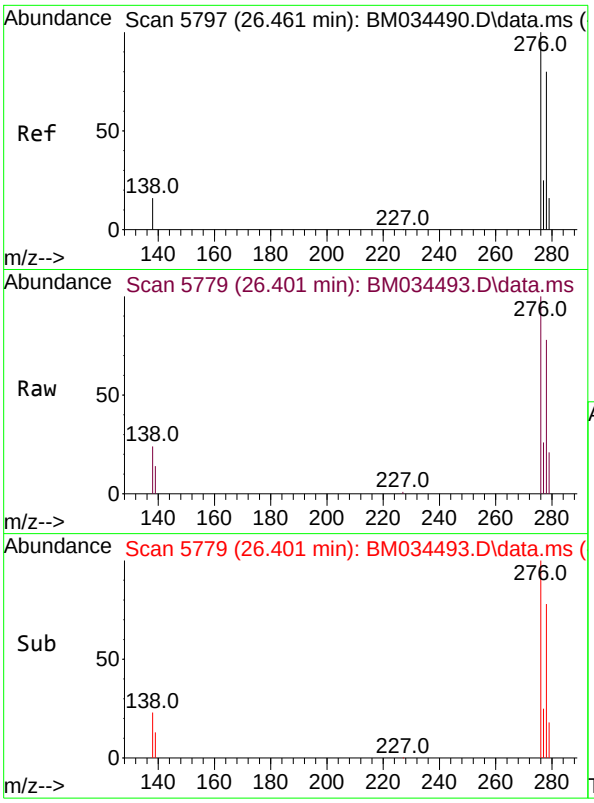


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.218 ng/ul
RT: 26.377 min Scan# 5772
Delta R.T. -0.034 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:276 Resp: 75605

Ion	Ratio	Lower	Upper
276	100		
138	23.4	15.8	23.6
227	0.1	0.0	0.0#



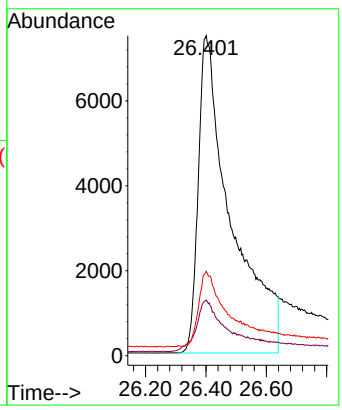


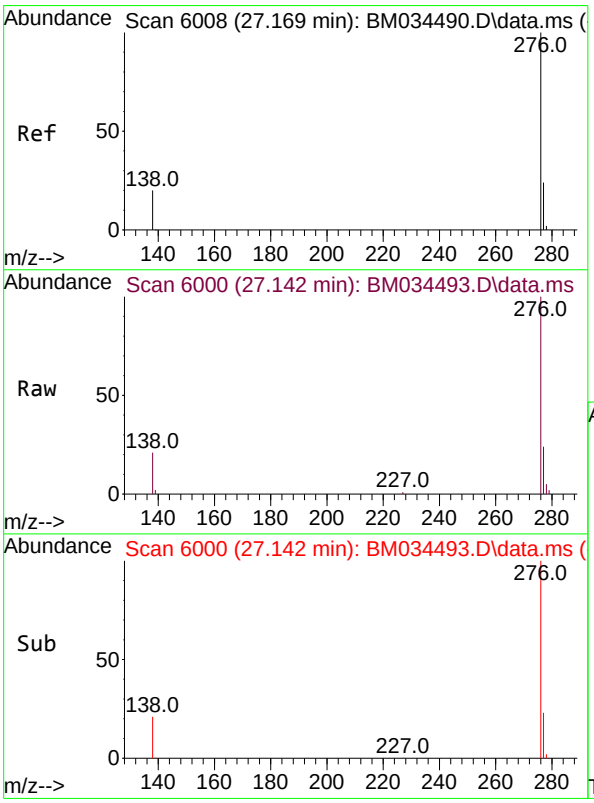
#28
Dibenzo(a,h)anthracene
Concen: 3.307 ng/ul
RT: 26.401 min Scan# 5
Delta R.T. -0.060 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:278 Resp: 56357

Ion	Ratio	Lower	Upper
278	100		
139	17.4	18.0	27.0#
279	26.4	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 2.978 ng/ul
RT: 27.142 min Scan# 6000
Delta R.T. -0.027 min
Lab File: BM034493.D
Acq: 04 Apr 2022 18:46

Tgt Ion:276 Resp: 75395

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.4	26.0
277	23.6	22.6	33.8