Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
Data File : BM034491.D
Acq On : 04 Apr 2022 17:34
Operator : CG/JU
Sample : SSTD0.818
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Quant Time: Apr 05 11:27:37 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	7.929	152	2301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	6771	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.560	164	3427	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	5325	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	4821	0.400	ng/ul	# 0.00
23) Perylene-d12	23.895	264	4201	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	3024	0.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	6922	0.780	ng/ul	-0.01
18) Fluoranthene-d10	19.329	212	10988	0.677	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	3049	0.583	ng/ul#	83
5) Naphthalene	10.779	128	15592	0.737	ng/ul#	88
7) 2-Methylnaphthalene	12.396	142	9116	0.790	ng/ul	98
8) 1-Methylnaphthalene	12.610	142	9337	0.804	ng/ul	99
10) Acenaphthylene	14.282	152	12414	0.783	ng/ul#	91
11) Acenaphthene	14.624	153	9975	0.777	ng/ul	94
12) Fluorene	15.610	166	10286	0.777	ng/ul#	98
14) Pentachlorophenol	16.970	266	1801	0.798	ng/ul	98
15) Phenanthrene	17.350	178	13416	0.776	ng/ul	95
16) Anthracene	17.447	178	10670	0.805	ng/ul	94
19) Fluoranthene	19.362	202	15629	0.674	ng/ul	99
20) Pyrene	19.724	202	18230	0.672	ng/ul	97
21) Benzo(a)anthracene	21.474	228	8989	0.734	ng/ul	99
22) Chrysene	21.524	228	10014	0.703	ng/ul	98
24) Benzo(b)fluoranthene	23.155	252	11563	0.840	ng/ul	94
25) Benzo(k)fluoranthene	23.208	252	10444	0.851	ng/ul	94
26) Benzo(a)pyrene	23.789	252	12347	0.769	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.404	276	15721	0.810	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.434	278	11427	0.812	ng/ul	95
29) Benzo(g,h,i)perylene	27.162	276	16742	0.800	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
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Acq On : 04 Apr 2022 17:34
Operator : CG/JU
Sample : SSTD0.818
Misc :
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Instrument :
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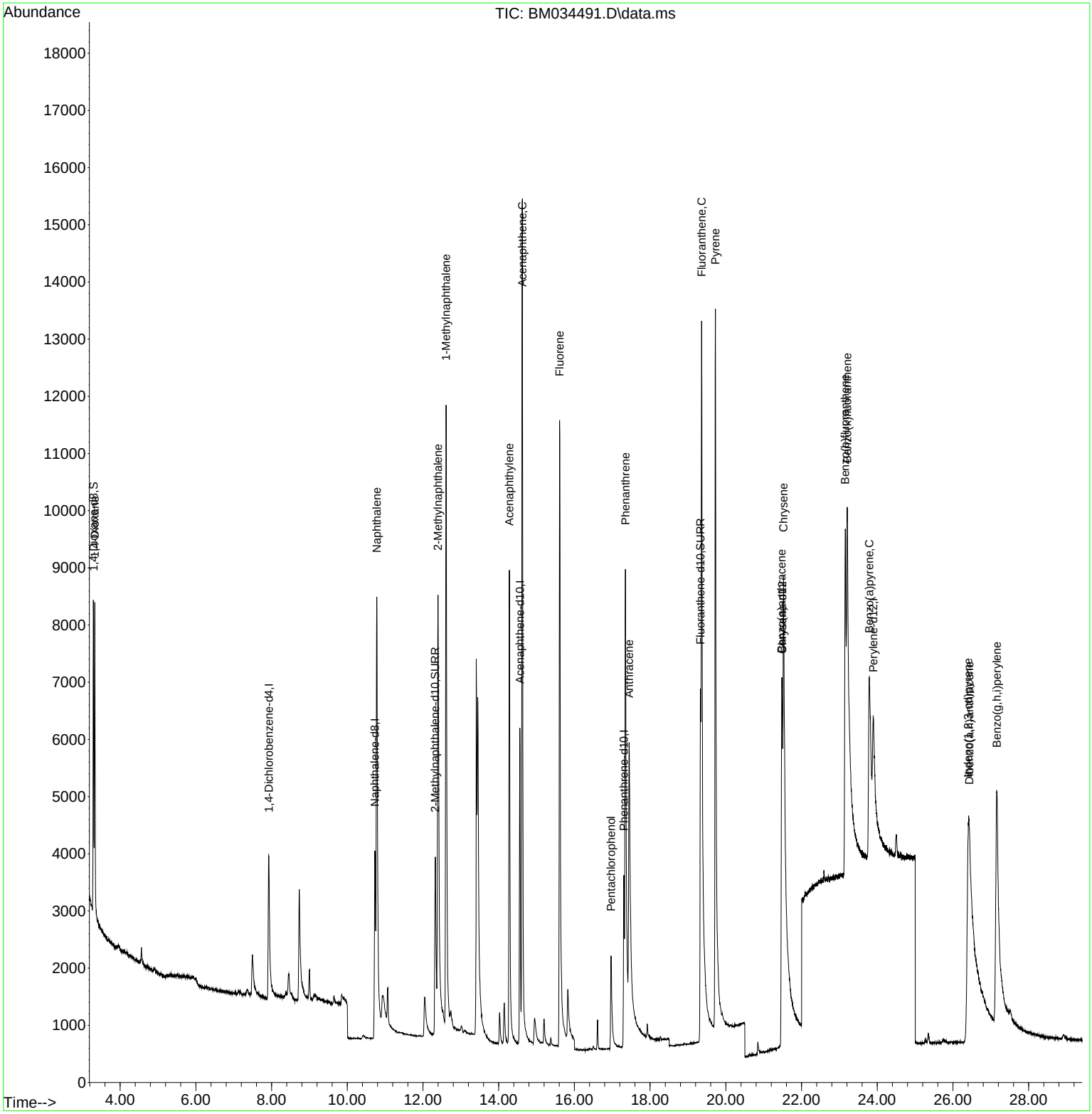
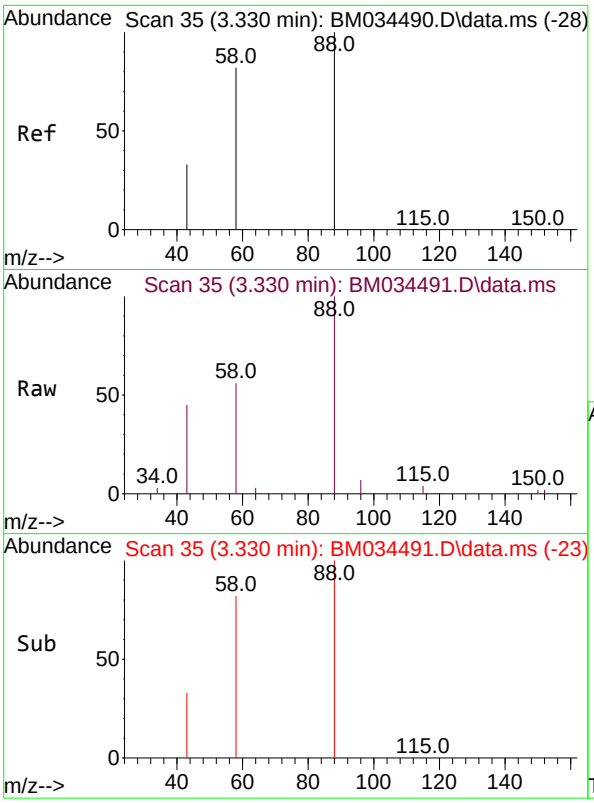
Quant Time: Apr 05 11:27:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:24:23 2022
Response via : Initial Calibration



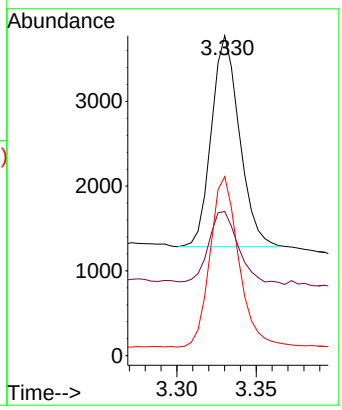


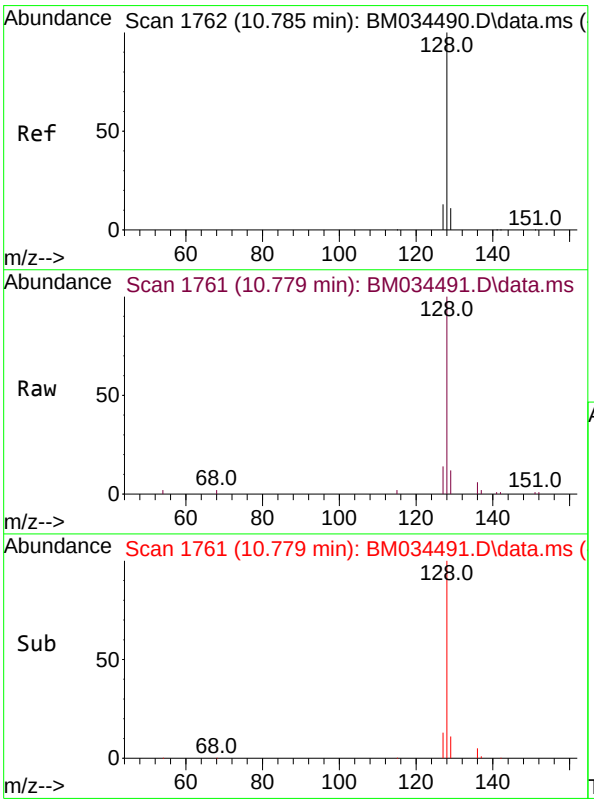
#2
1,4-Dioxane
Concen: 0.583 ng/ul
RT: 3.330 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion: 88 Resp: 3049

Ion	Ratio	Lower	Upper
88	100		
43	45.0	49.7	74.5#
58	55.9	52.5	78.7

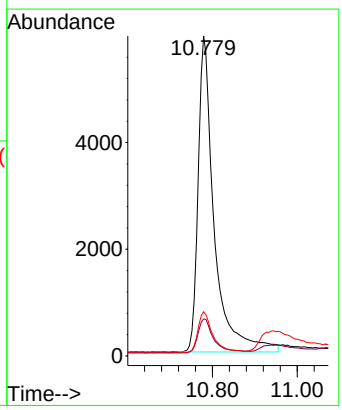


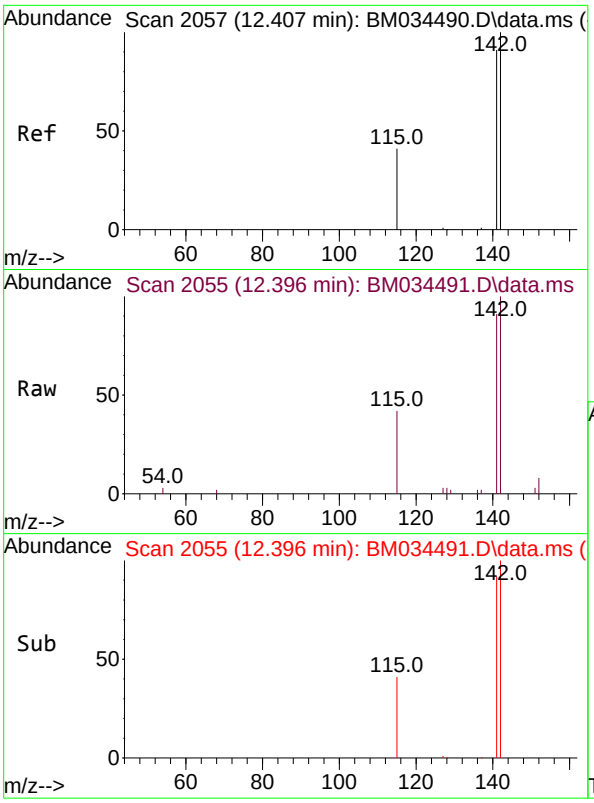


#5
Naphthalene
Concen: 0.737 ng/ul
RT: 10.779 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:128 Resp: 15592

Ion	Ratio	Lower	Upper
128	100		
129	11.6	13.4	20.2#
127	13.8	15.2	22.8#



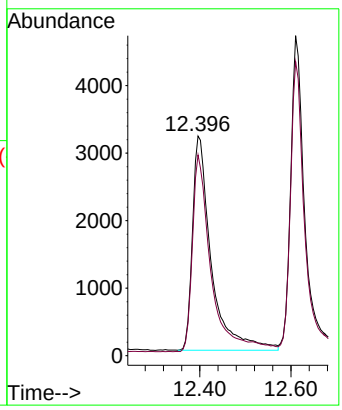


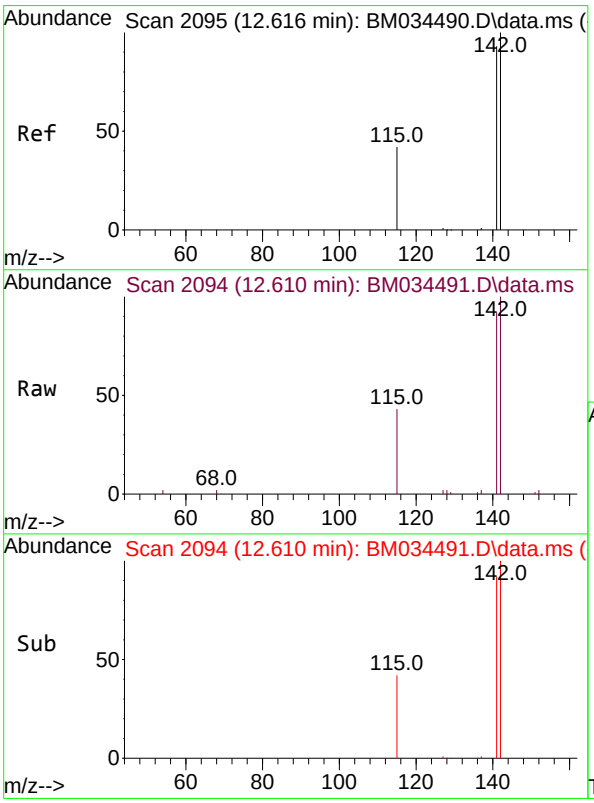
#7
2-Methylnaphthalene
Concen: 0.790 ng/ul
RT: 12.396 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:142 Resp: 9116

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.8	107.6

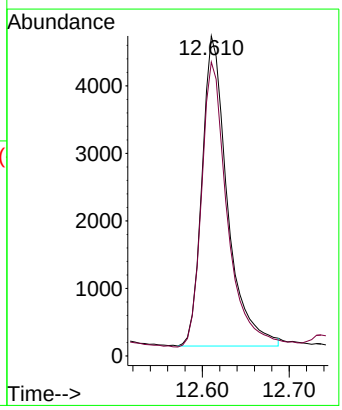


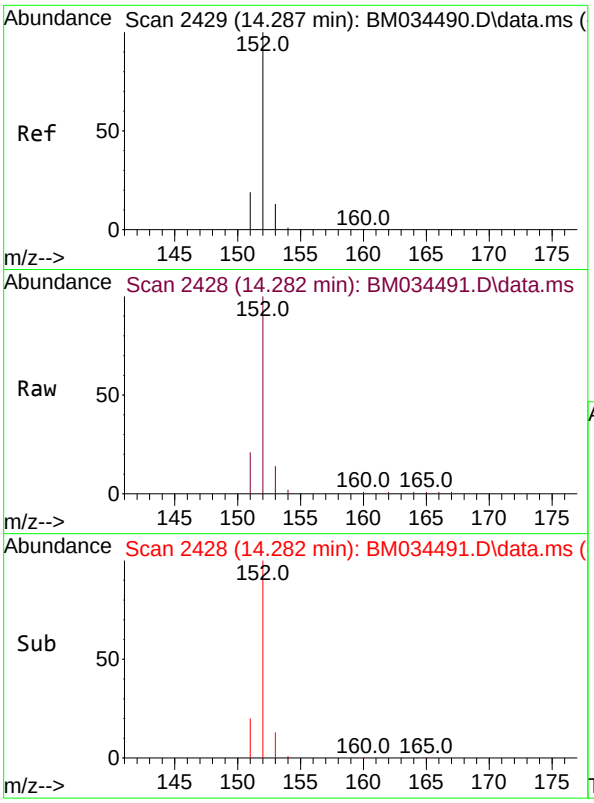


#8
1-Methylnaphthalene
Concen: 0.804 ng/ul
RT: 12.610 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:142 Resp: 9337

Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.0	112.4



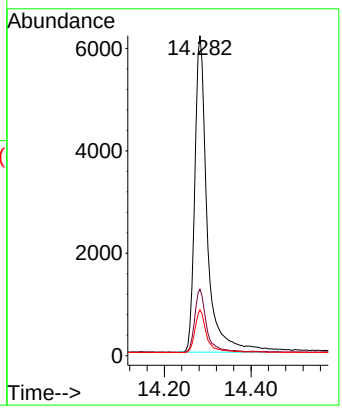


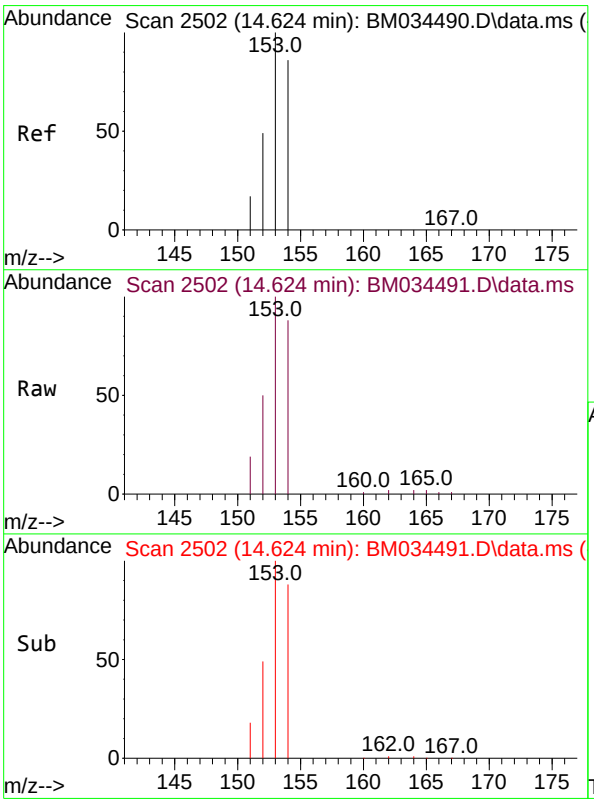
#10
Acenaphthylene
Concen: 0.783 ng/ul
RT: 14.282 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:152 Resp: 12414

Ion	Ratio	Lower	Upper
152	100		
151	20.8	19.9	29.9
153	14.3	15.0	22.4#

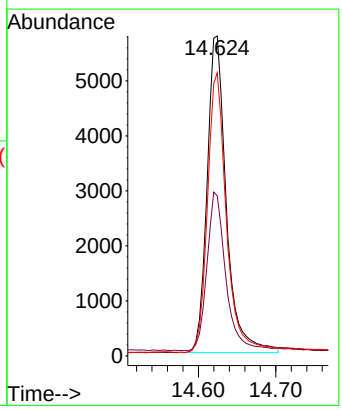


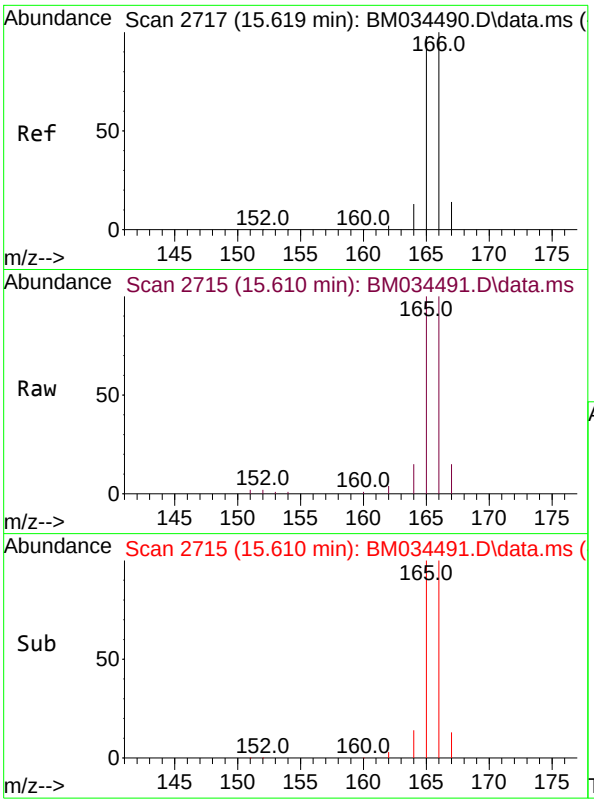


#11
Acenaphthene
Concen: 0.777 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:153 Resp: 9975

Ion	Ratio	Lower	Upper
153	100		
152	50.1	42.4	63.6
154	88.5	66.2	99.2



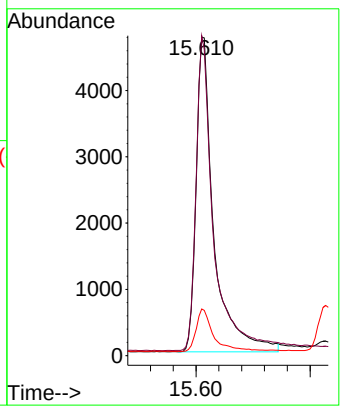


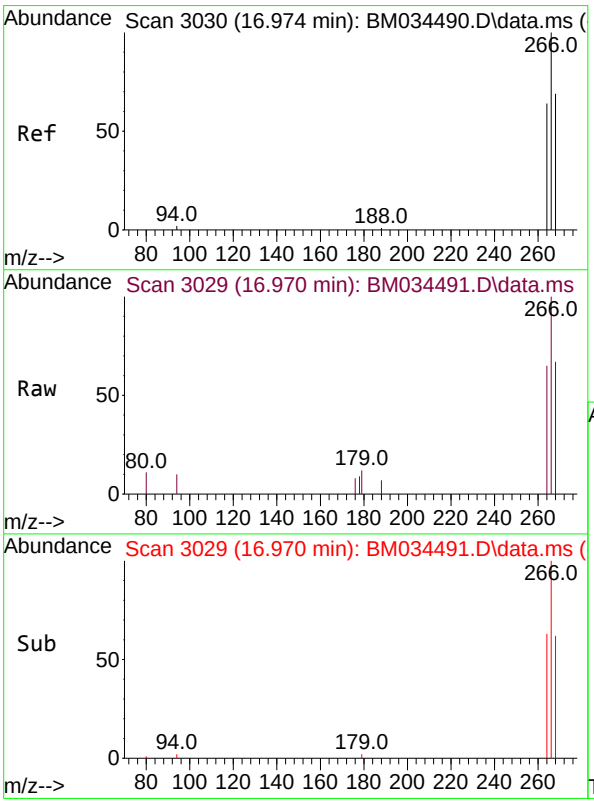
#12
Fluorene
Concen: 0.777 ng/ul
RT: 15.610 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:166 Resp: 10286

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.1	121.7
167	14.6	14.9	22.3#

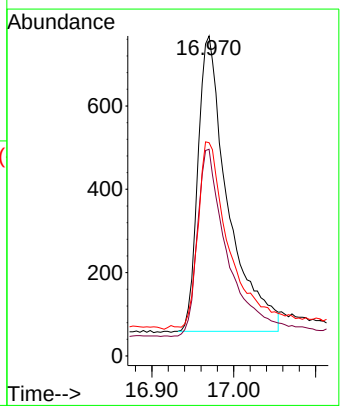


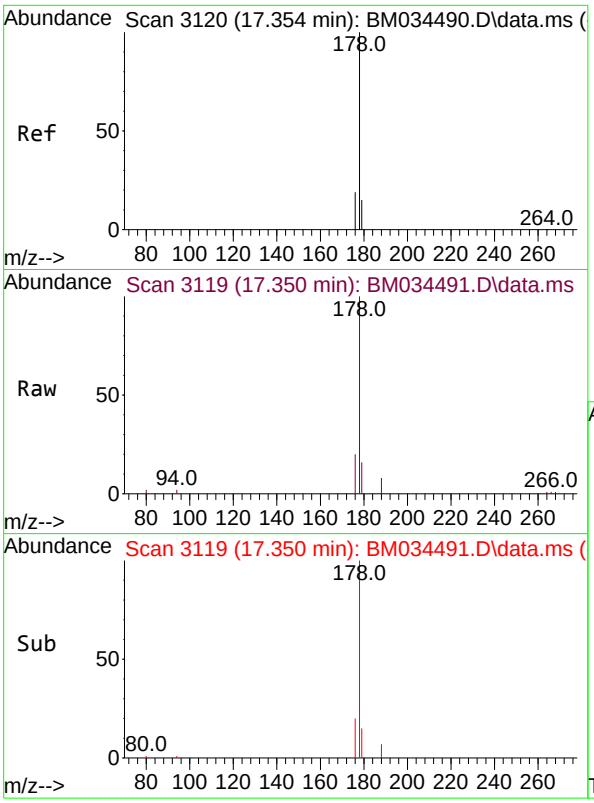


#14
Pentachlorophenol
Concen: 0.798 ng/ul
RT: 16.970 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:266 Resp: 1801

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.4	77.0
268	64.4	53.1	79.7



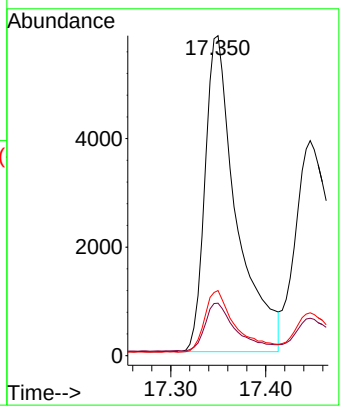


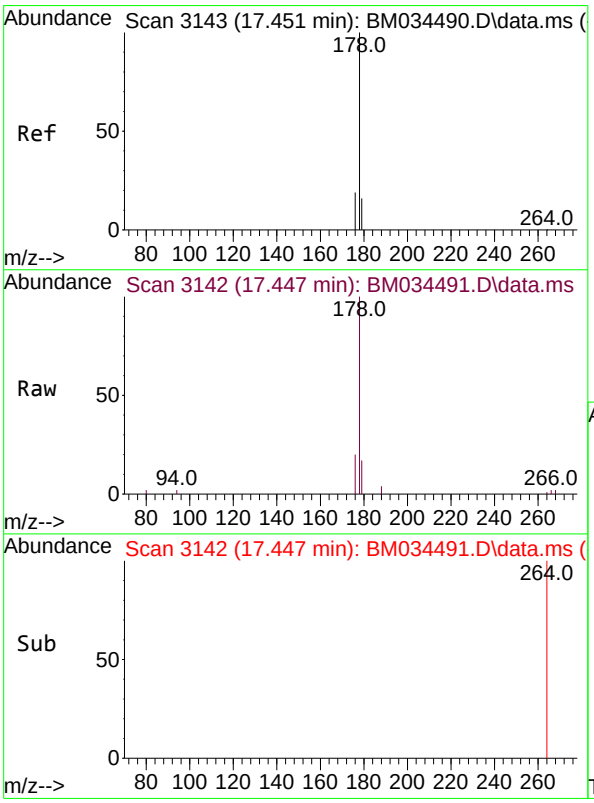
#15
Phenanthrene
Concen: 0.776 ng/ul
RT: 17.350 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:178 Resp: 13416

Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.0	22.6
176	20.4	17.9	26.9

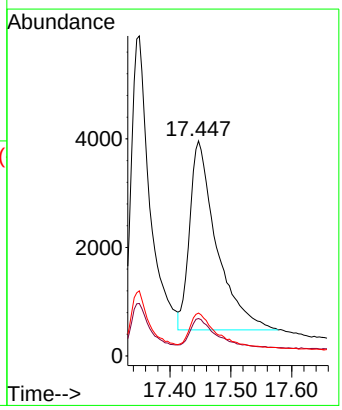


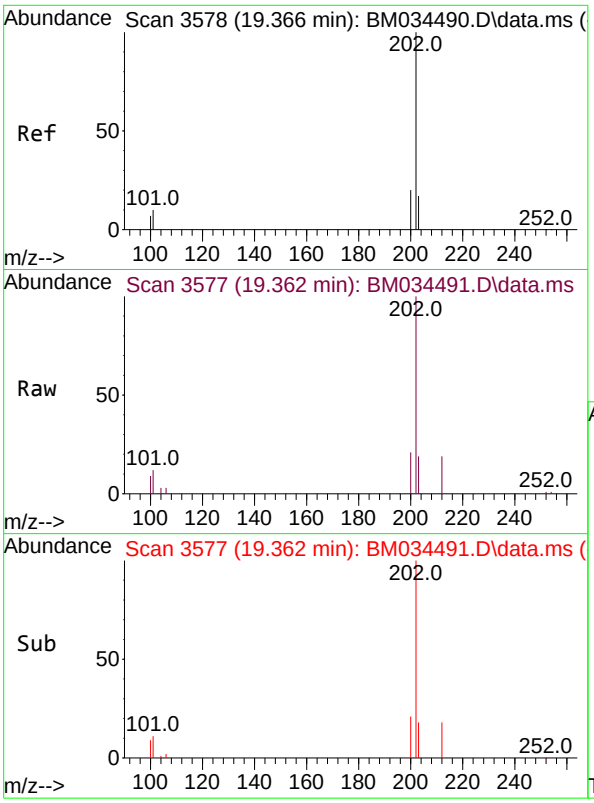


#16
Anthracene
Concen: 0.805 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:178 Resp: 10670

Ion	Ratio	Lower	Upper
178	100		
179	17.4	16.5	24.7
176	20.0	18.3	27.5



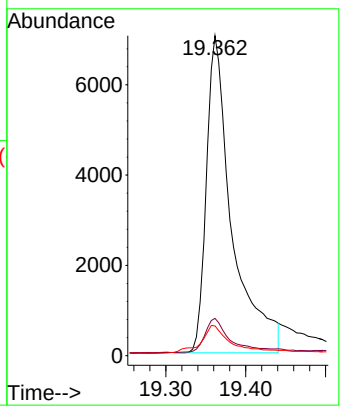


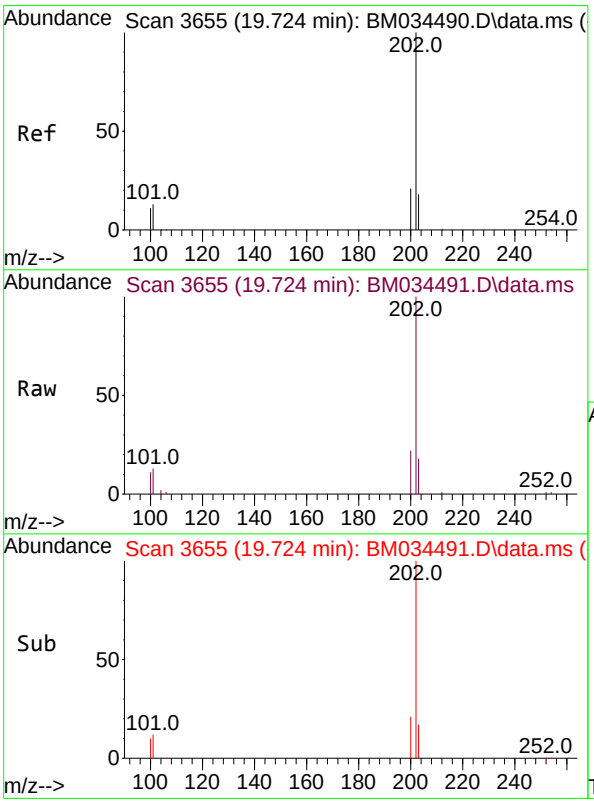
#19
Fluoranthene
Concen: 0.674 ng/ul
RT: 19.362 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:202 Resp: 15629

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
100	9.3	7.2	10.8

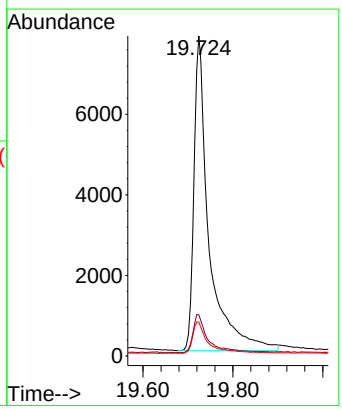


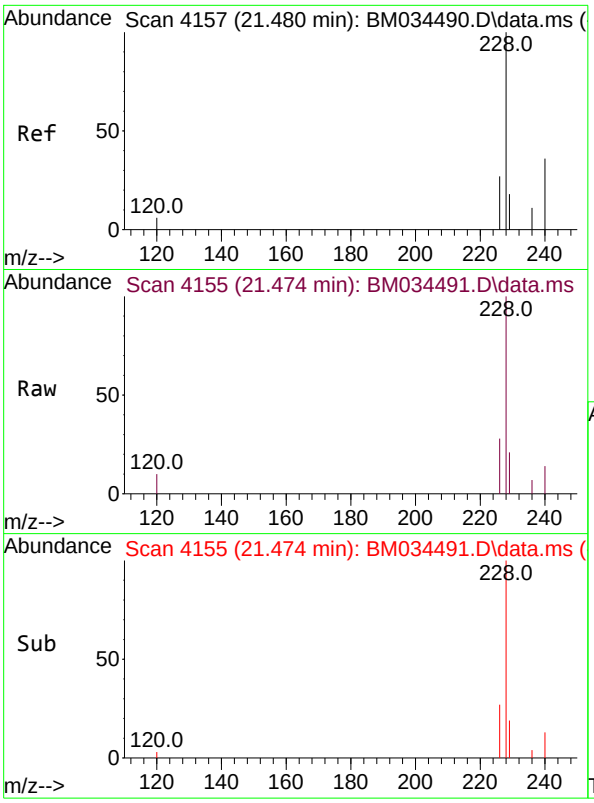


#20
Pyrene
Concen: 0.672 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. -0.000 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:202 Resp: 18230

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.3	13.9
100	10.6	7.8	11.6



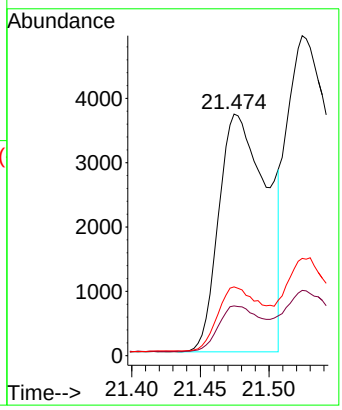


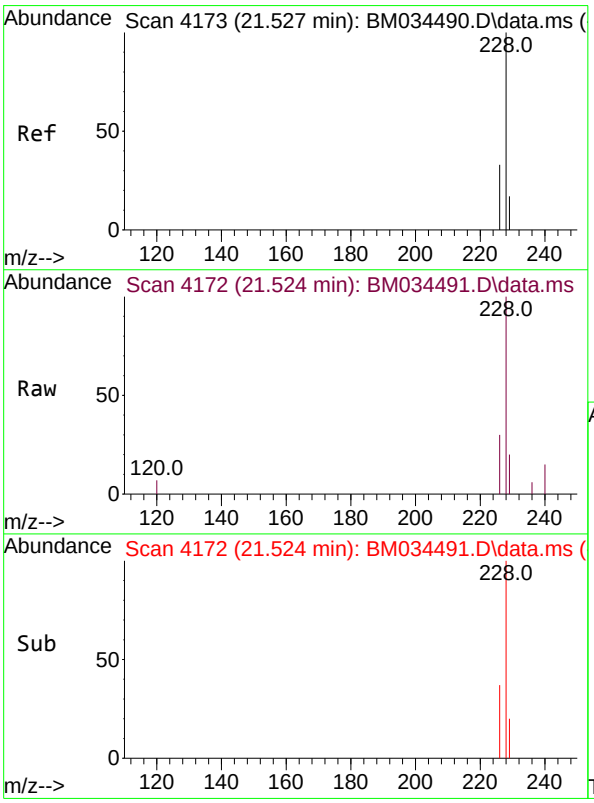
#21
Benzo(a)anthracene
Concen: 0.734 ng/ul
RT: 21.474 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:228 Resp: 8989

Ion	Ratio	Lower	Upper
228	100		
229	20.6	17.3	25.9
226	28.5	23.2	34.8

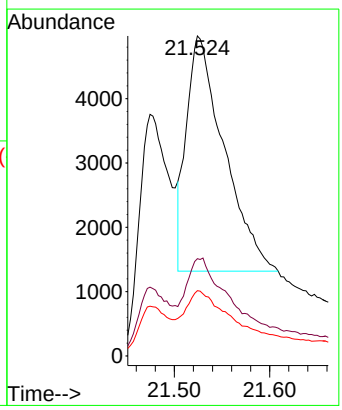


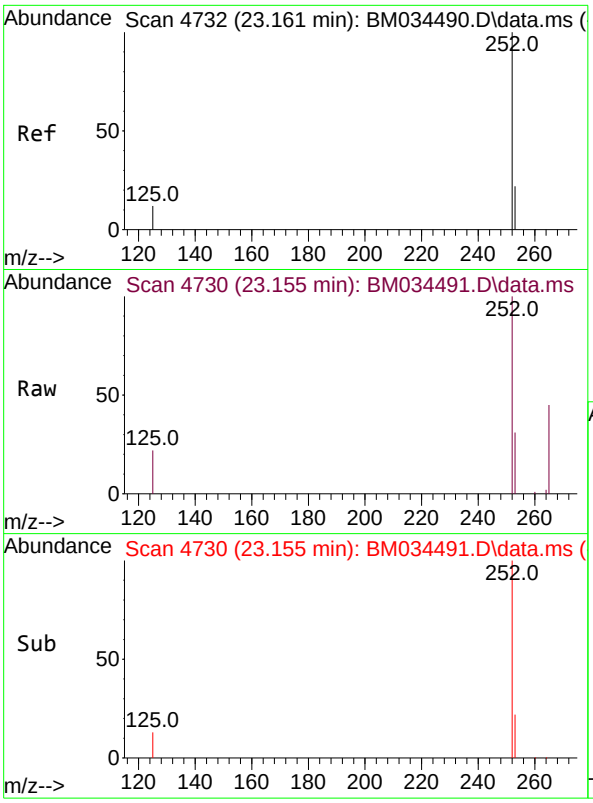


#22
Chrysene
Concen: 0.703 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:228 Resp: 10014

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.8	38.8
229	20.4	16.7	25.1



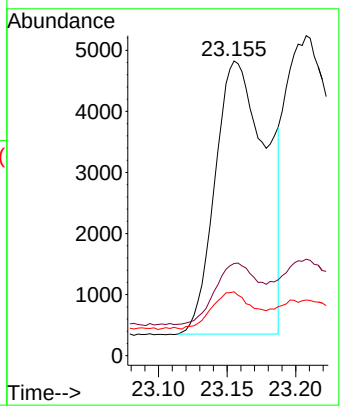


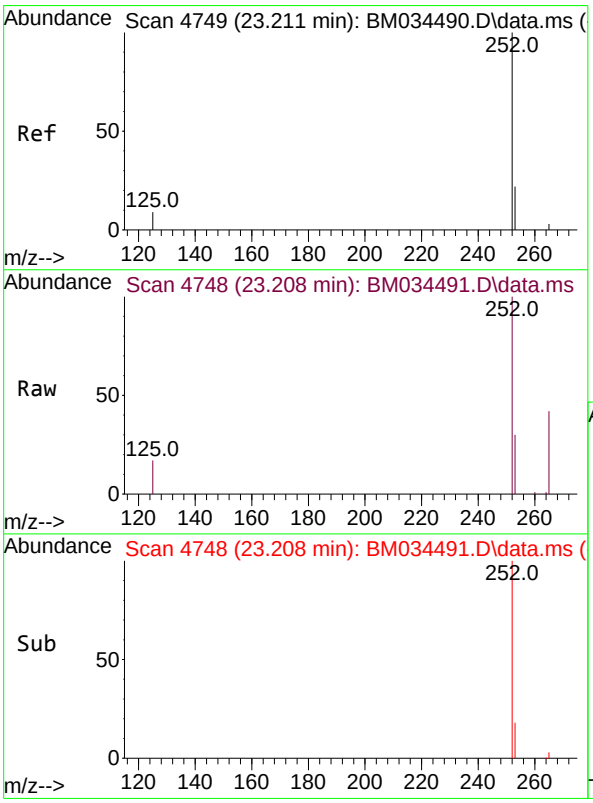
#24
Benzo(b)fluoranthene
Concen: 0.840 ng/ul
RT: 23.155 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:252 Resp: 11563

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	64.2
125	21.7	0.0	28.8

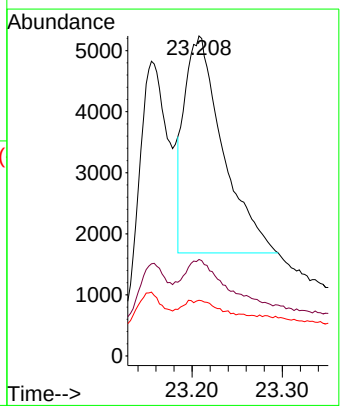


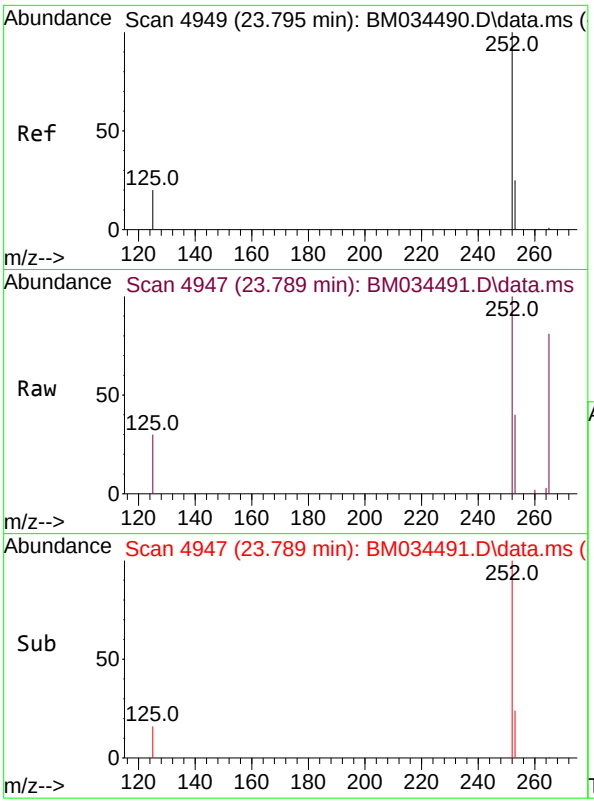


#25
Benzo(k)fluoranthene
Concen: 0.851 ng/ul
RT: 23.208 min Scan# 4748
Delta R.T. -0.003 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:252 Resp: 10444

Ion	Ratio	Lower	Upper
252	100		
253	30.2	26.8	40.2
125	17.4	12.0	18.0



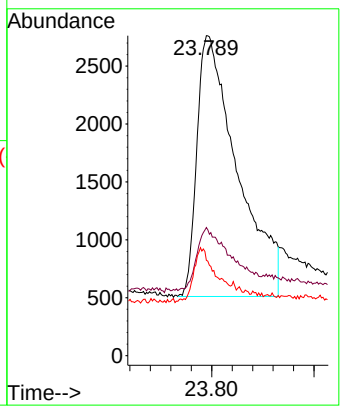


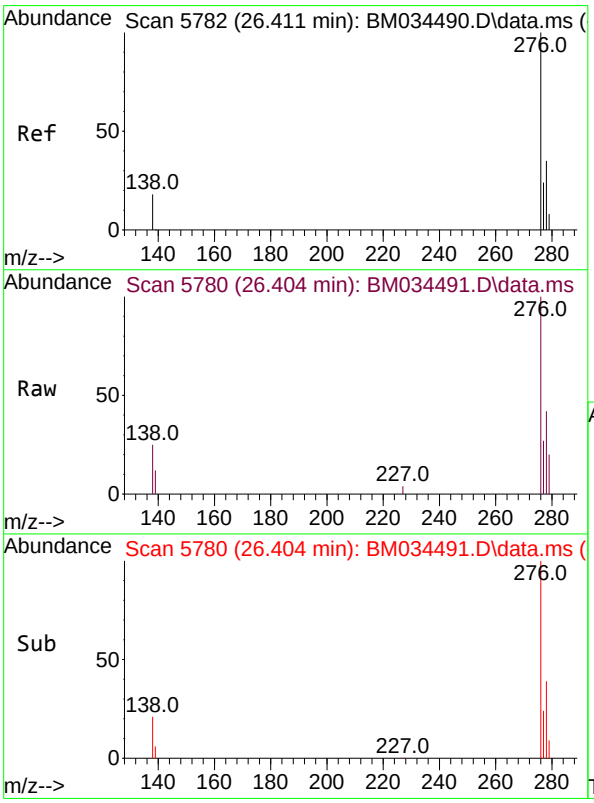
#26
Benzo(a)pyrene
Concen: 0.769 ng/ul
RT: 23.789 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:252 Resp: 12347

Ion	Ratio	Lower	Upper
252	100		
253	40.1	32.0	48.0
125	29.8	14.5	21.7#

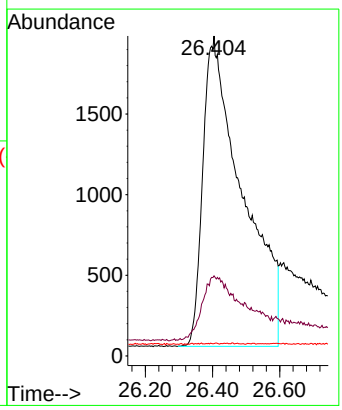


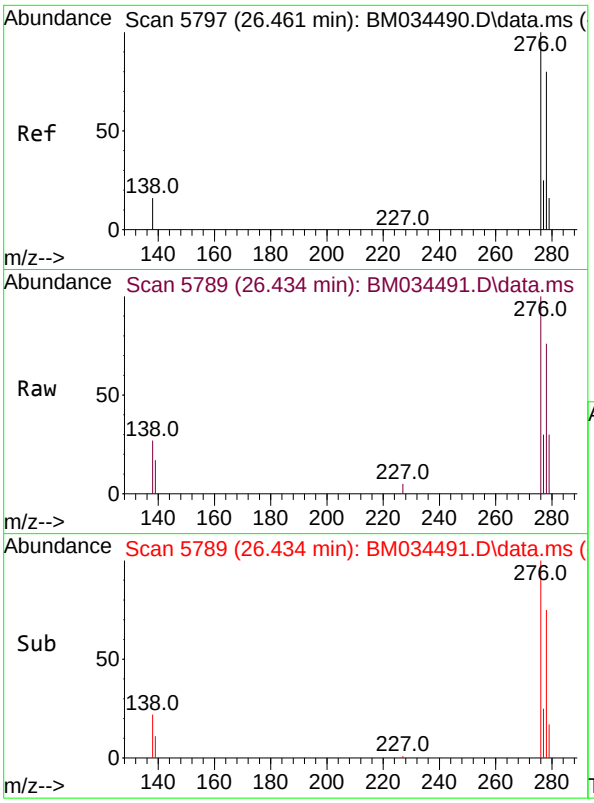


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.810 ng/ul
RT: 26.404 min Scan# 5780
Delta R.T. -0.007 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:276 Resp: 15721

Ion	Ratio	Lower	Upper
276	100		
138	22.6	15.8	23.6
227	0.0	0.0	0.0#



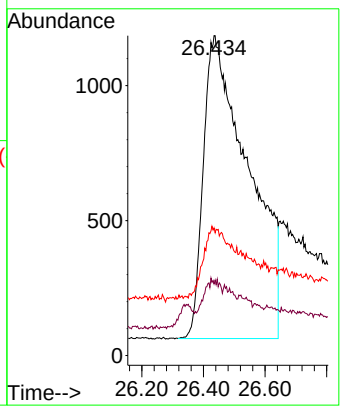


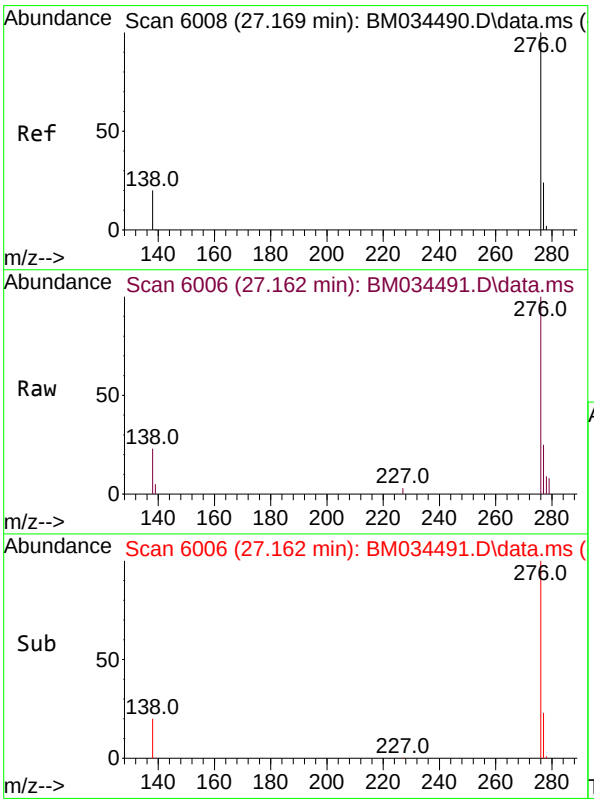
#28
Dibenzo(a,h)anthracene
Concen: 0.812 ng/ul
RT: 26.434 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:278 Resp: 11427

Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.0	27.0
279	39.9	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 27.162 min Scan# 6006
Delta R.T. -0.007 min
Lab File: BM034491.D
Acq: 04 Apr 2022 17:34

Tgt Ion:276 Resp: 16742

Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.4	26.0
277	25.3	22.6	33.8