Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	6505	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	3744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7980	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	6670	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	5487	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	1793	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	7028	0.761	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	15035	0.744	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	2137	0.678	ng/ul	91
5) Naphthalene	10.810	128	15664	0.829	ng/ul	98
7) 2-Methylnaphthalene	12.415	142	10238	0.782	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	10140	0.791	ng/ul	100
10) Acenaphthylene	14.303	152	13771	0.846	ng/ul#	99
11) Acenaphthene	14.644	153	11237	0.791	ng/ul	99
12) Fluorene	15.626	166	12771	0.762	ng/ul	98
14) Pentachlorophenol	16.965	266	2097	1.009	ng/ul	96
15) Phenanthrene	17.357	178	20188	0.761	ng/ul	99
16) Anthracene	17.451	178	18051	0.775	ng/ul	99
19) Fluoranthene	19.360	202	22490	0.719	ng/ul	97
20) Pyrene	19.722	202	22479	0.691	ng/ul	96
21) Benzo(a)anthracene	21.455	228	17651	0.717	ng/ul	99
22) Chrysene	21.508	228	18994	0.684	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	18529	0.736	ng/ul	94
25) Benzo(k)fluoranthene	23.148	252	18221	0.675	ng/ul	95
26) Benzo(a)pyrene	23.708	252	15780	0.760	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.208	276	20037	0.839	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.223	278	16068	0.850	ng/ul#	92
29) Benzo(g,h,i)perylene	26.942	276	17637	0.851	ng/ul#	92

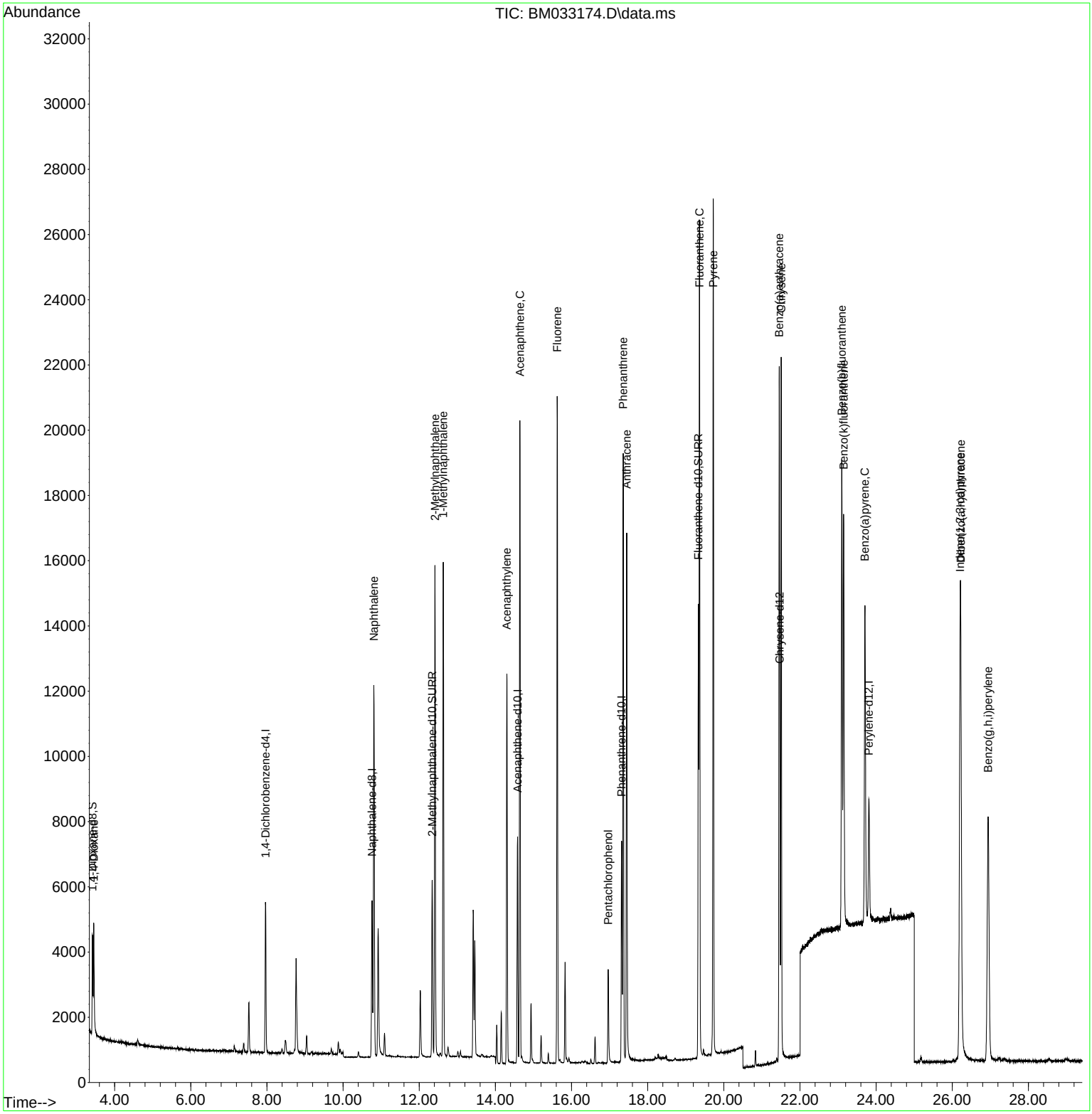
(#) = qualifier out of range (m) = manual integration (+) = signals summed

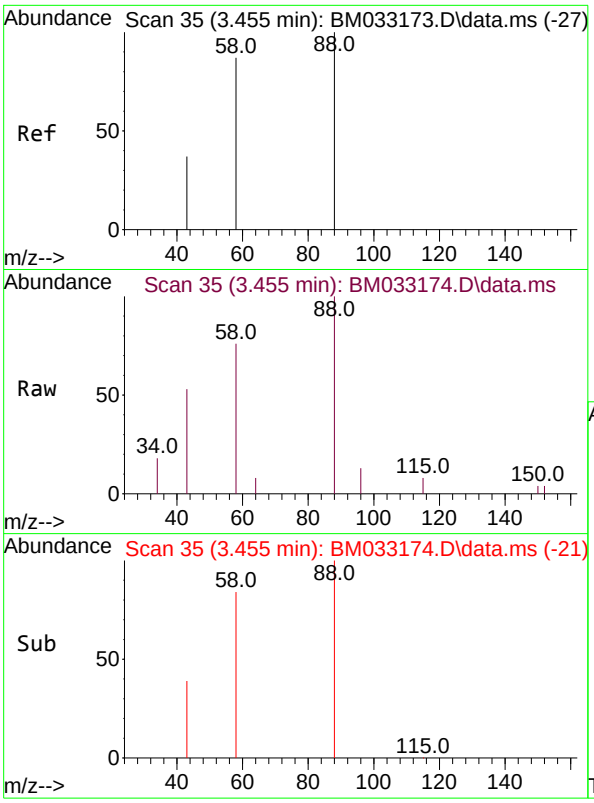
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration



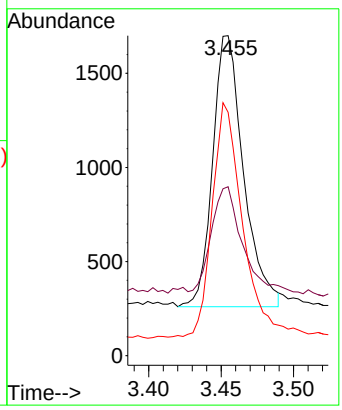


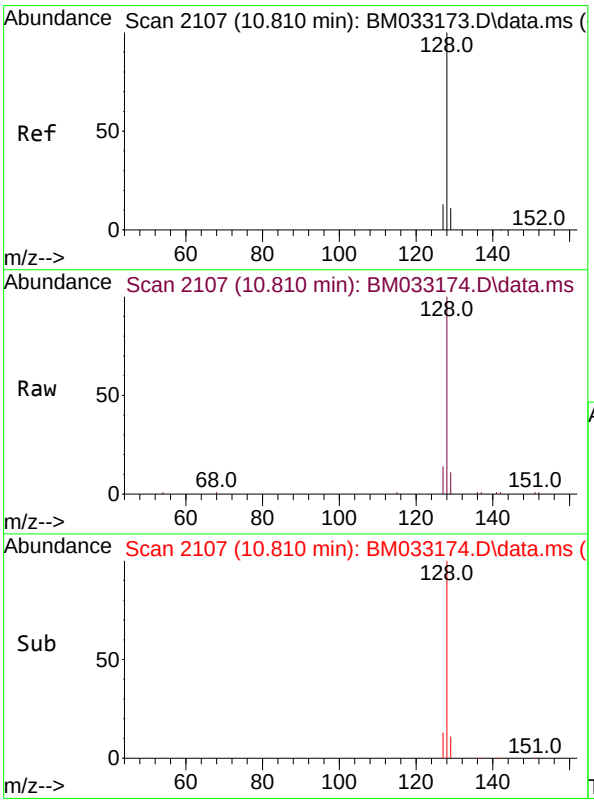
#2
1,4-Dioxane
Concen: 0.678 ng/ul
RT: 3.455 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2137

Ion	Ratio	Lower	Upper
88	100		
43	52.8	35.8	53.8
58	76.1	55.8	83.8

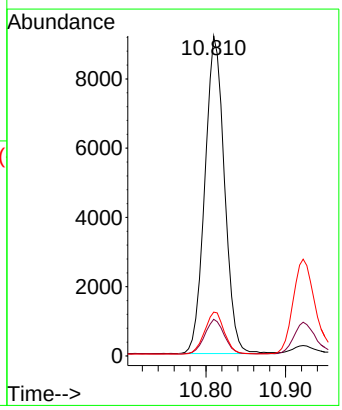


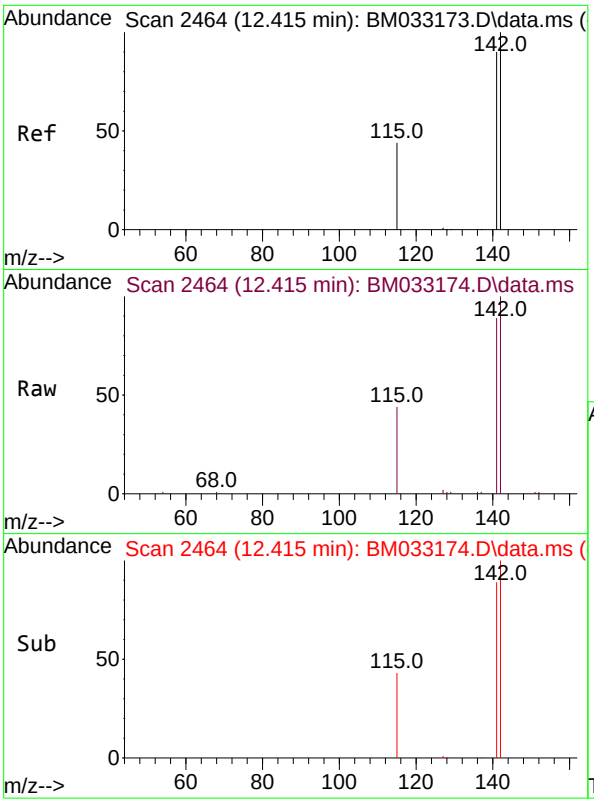


#5
Naphthalene
Concen: 0.829 ng/ul
RT: 10.810 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:128 Resp: 15664

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.7	11.8	17.8



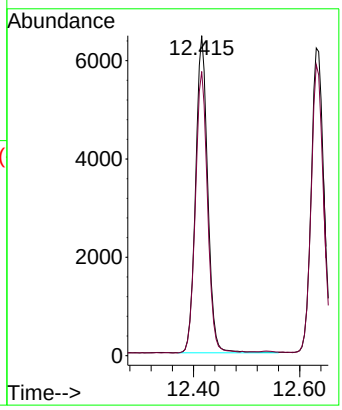


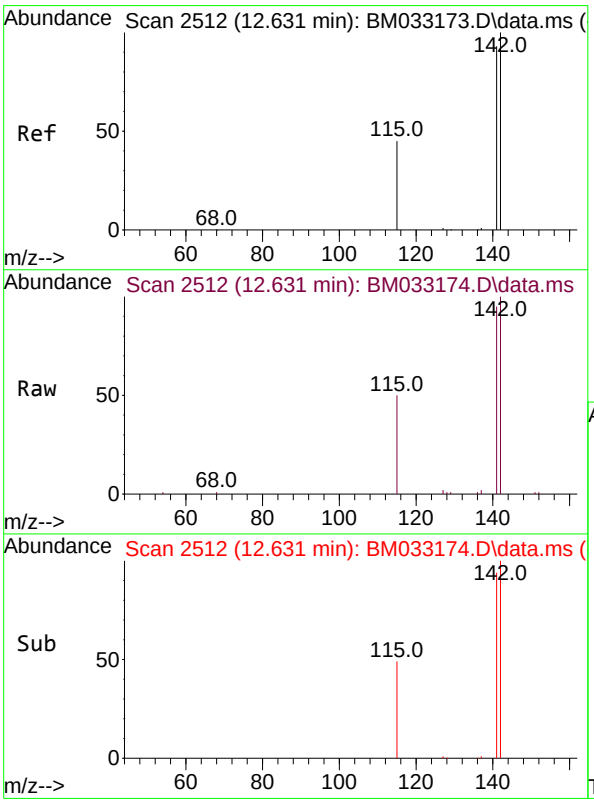
#7
2-Methylnaphthalene
Concen: 0.782 ng/ul
RT: 12.415 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 10238

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.3	109.9

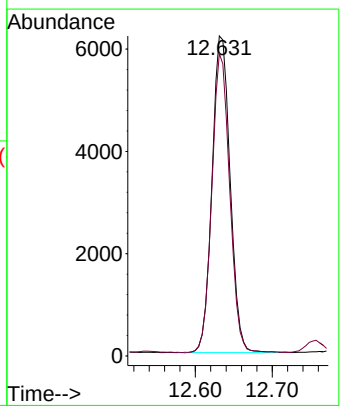


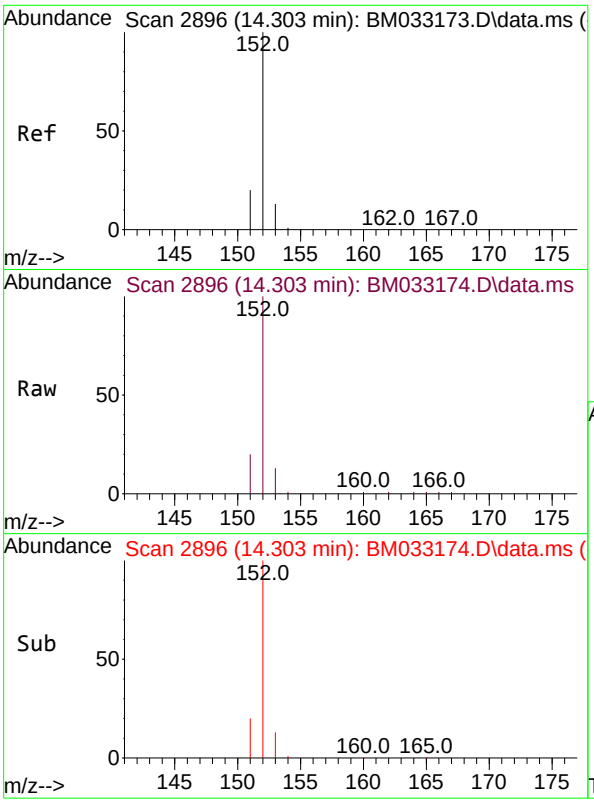


#8
1-Methylnaphthalene
Concen: 0.791 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:142 Resp: 10140

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.5	111.7



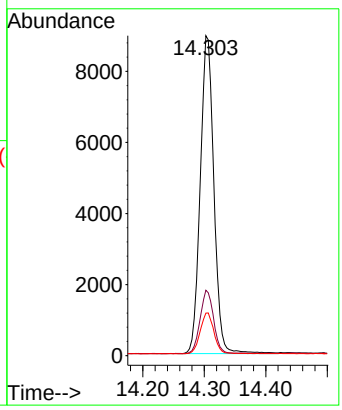


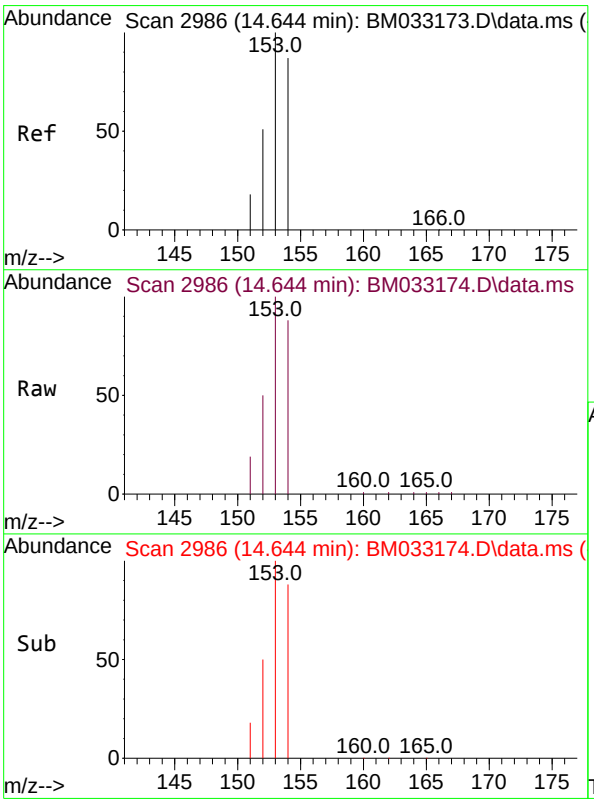
#10
Acenaphthylene
Concen: 0.846 ng/ul
RT: 14.303 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 13771

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.3	0.0	0.0#

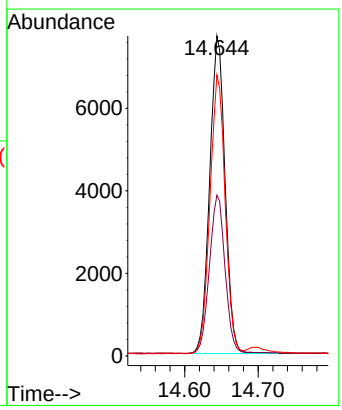


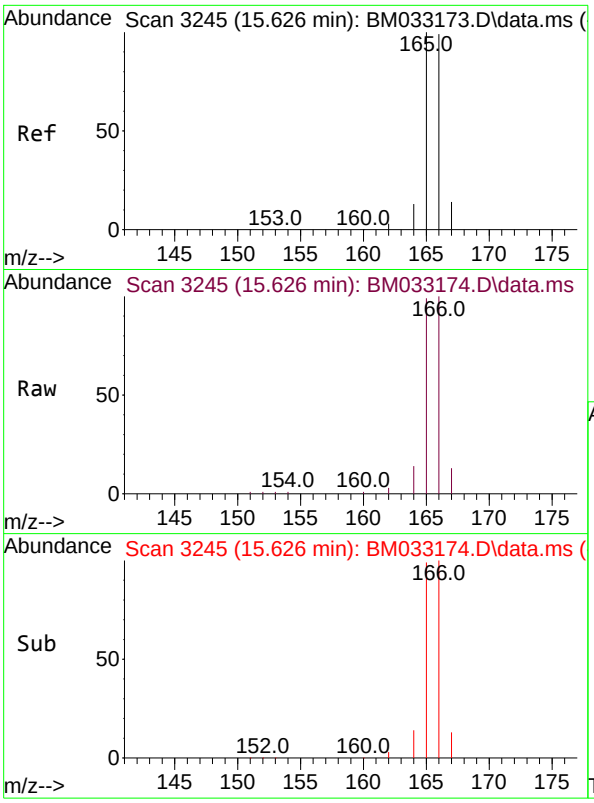


#11
Acenaphthene
Concen: 0.791 ng/ul
RT: 14.644 min Scan# 2986
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:153 Resp: 11237

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.6	60.8
154	87.8	70.8	106.2



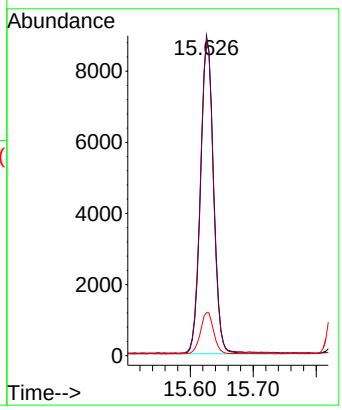


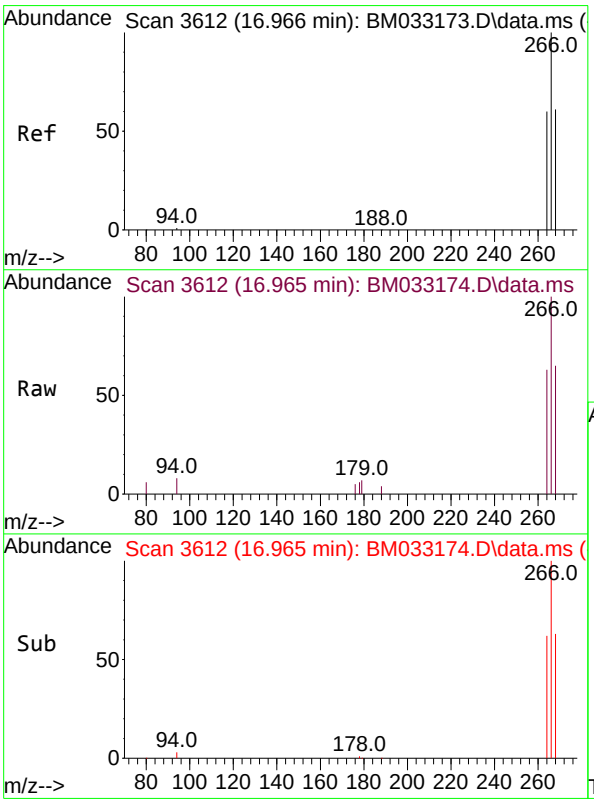
#12
Fluorene
Concen: 0.762 ng/ul
RT: 15.626 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 12771

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.8	121.2
167	13.5	11.7	17.5

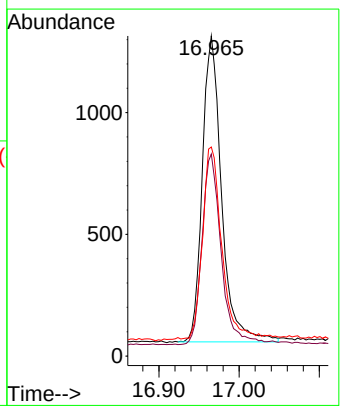


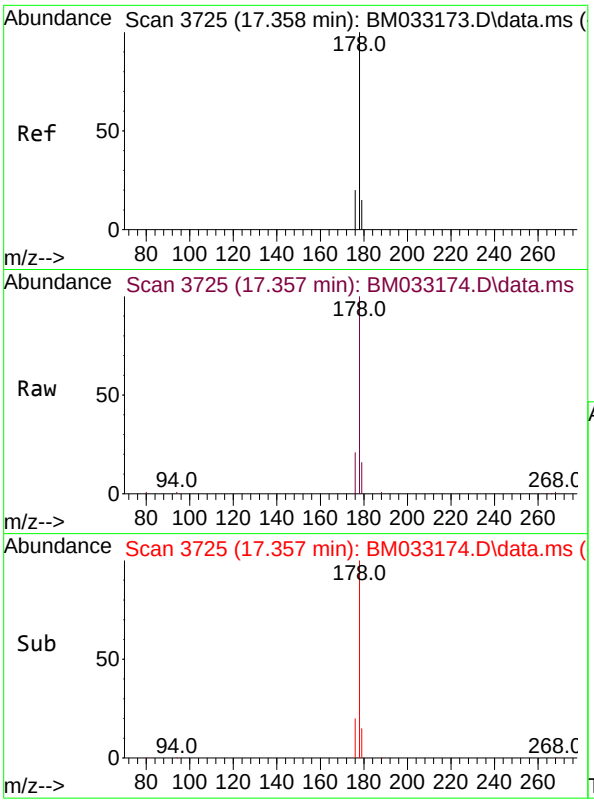


#14
Pentachlorophenol
Concen: 1.009 ng/ul
RT: 16.965 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:266 Resp: 2097

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.2	76.8
268	62.2	52.9	79.3



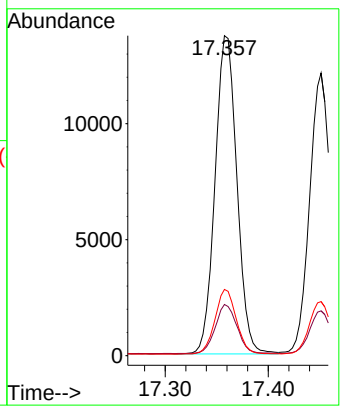


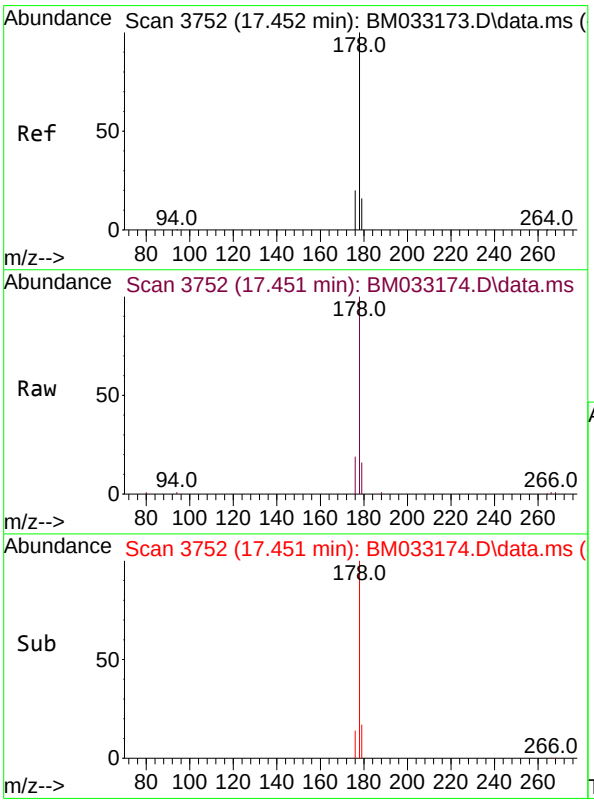
#15
Phenanthrene
Concen: 0.761 ng/ul
RT: 17.357 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 20188

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.7	16.0	24.0

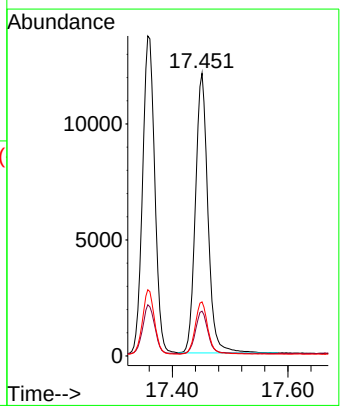


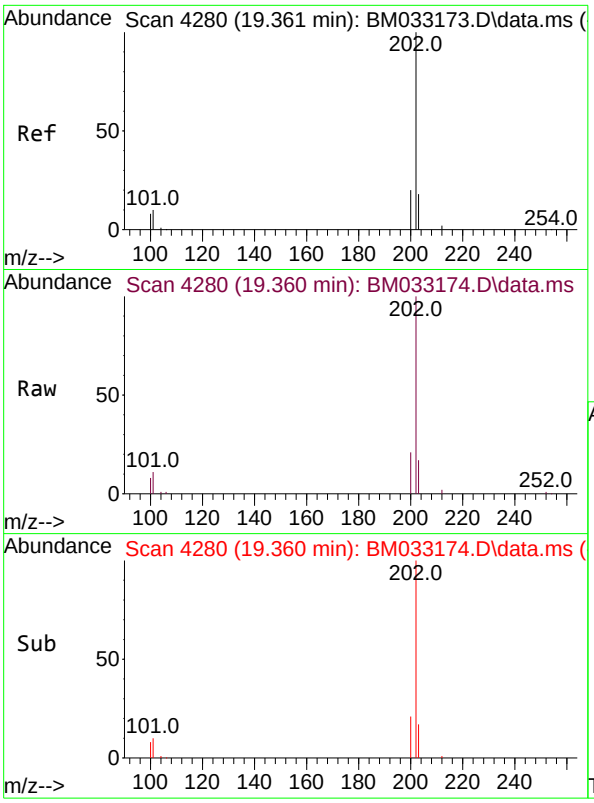


#16
Anthracene
Concen: 0.775 ng/ul
RT: 17.451 min Scan# 3752
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:178 Resp: 18051

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	19.1	15.6	23.4



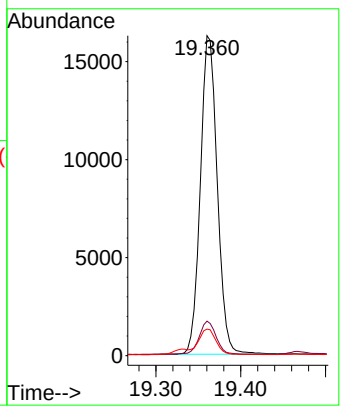


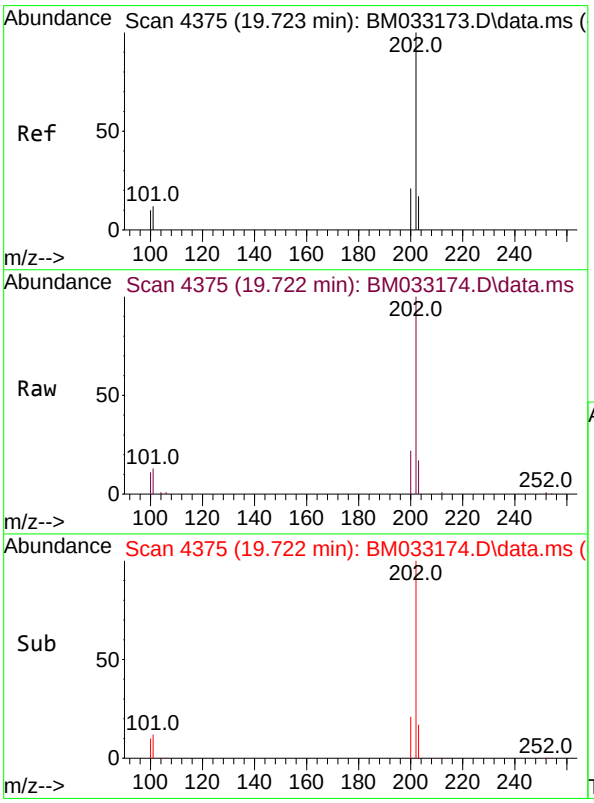
#19
Fluoranthene
Concen: 0.719 ng/ul
RT: 19.360 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 22490

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.9	14.9
100	8.3	7.3	10.9

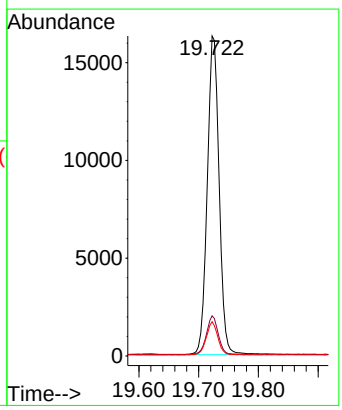


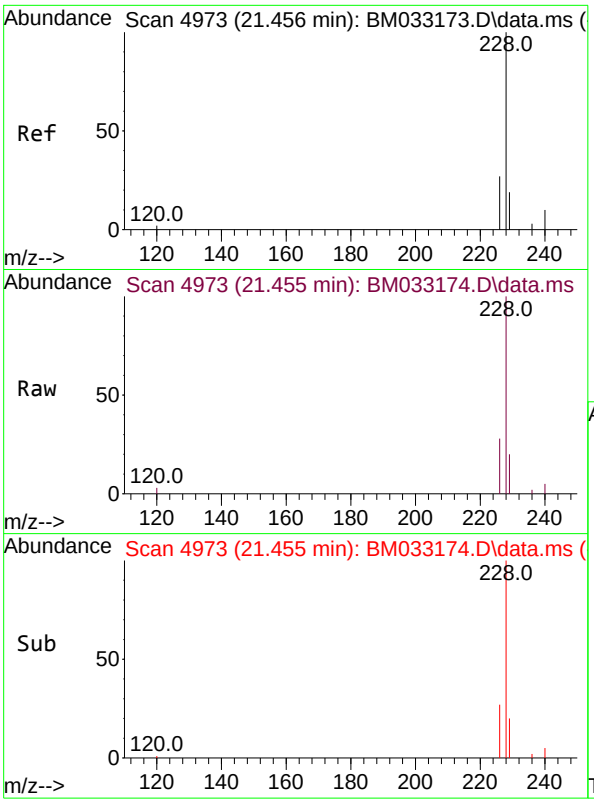


#20
Pyrene
Concen: 0.691 ng/ul
RT: 19.722 min Scan# 4375
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:202 Resp: 22479

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.8	17.6
100	10.7	9.5	14.3



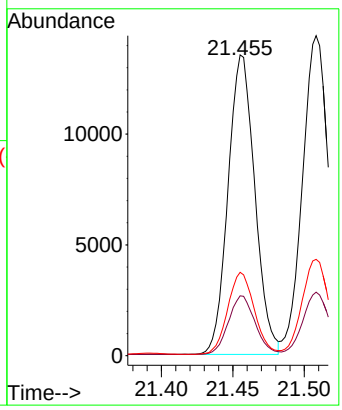


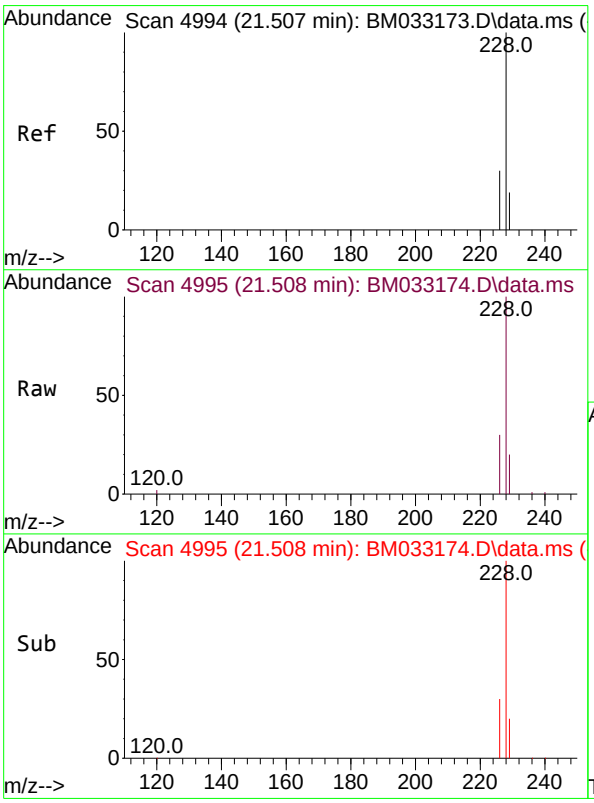
#21
Benzo(a)anthracene
Concen: 0.717 ng/ul
RT: 21.455 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 17651

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	27.7	22.4	33.6

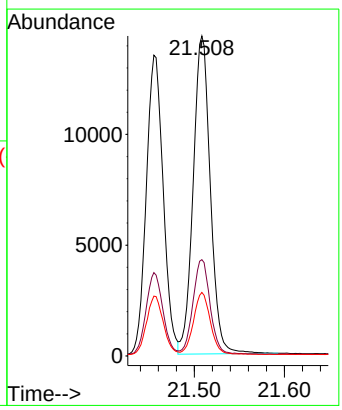


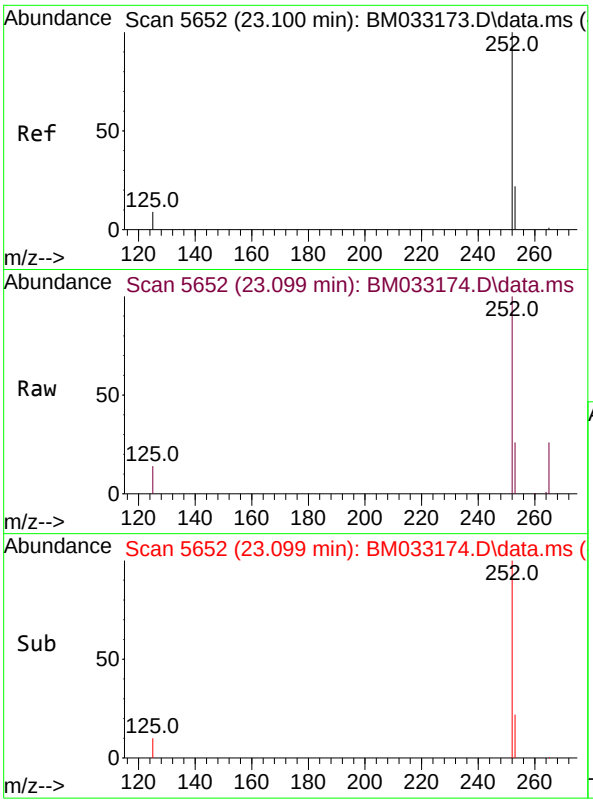


#22
Chrysene
Concen: 0.684 ng/ul
RT: 21.508 min Scan# 4995
Delta R.T. 0.002 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:228 Resp: 18994

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.9	16.1	24.1



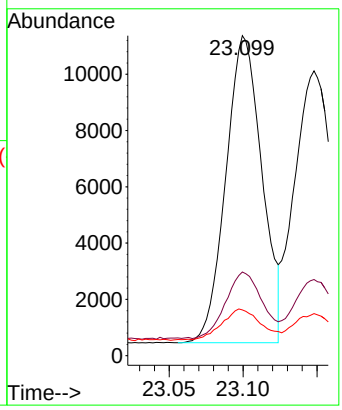


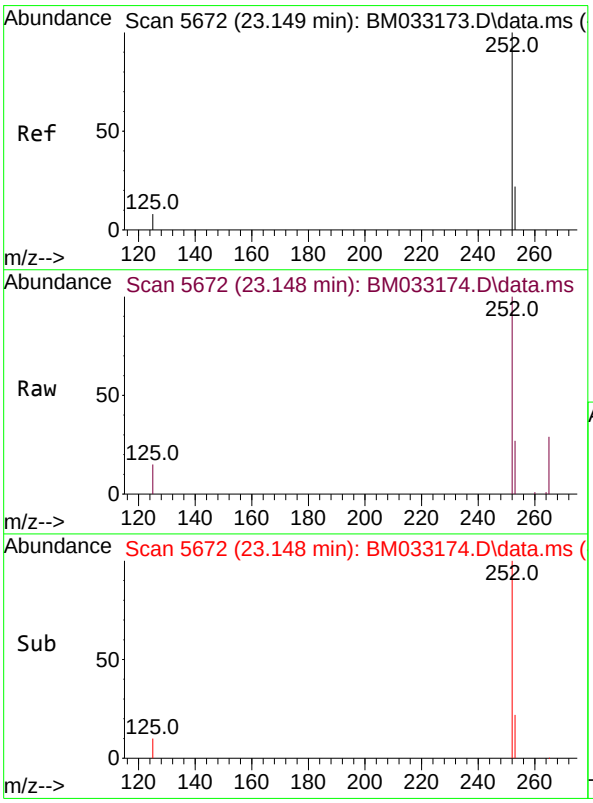
#24
Benzo(b)fluoranthene
Concen: 0.736 ng/ul
RT: 23.099 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 18529

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	59.2
125	14.3	0.0	34.2

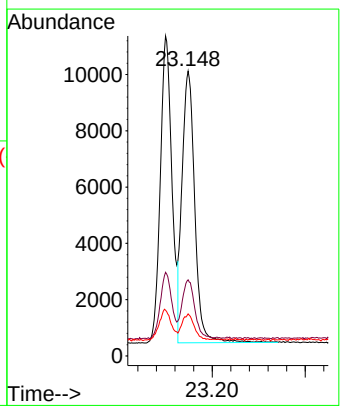


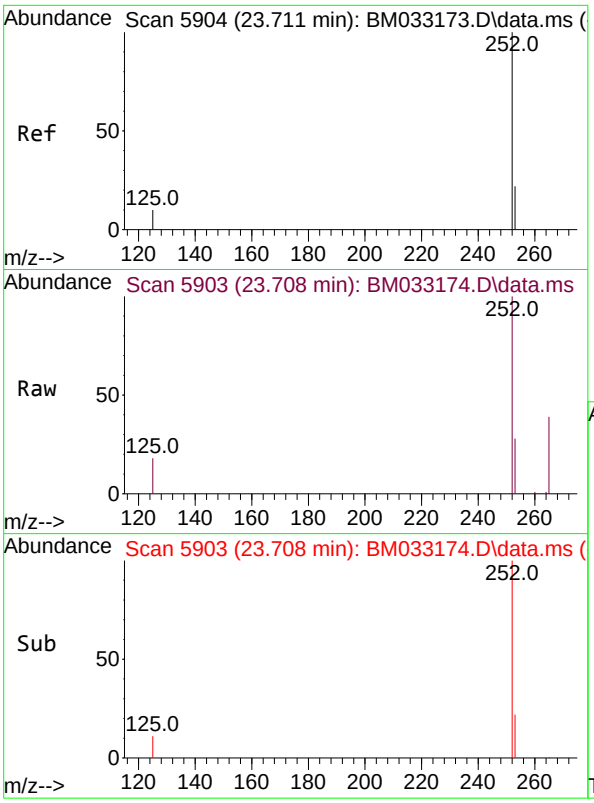


#25
Benzo(k)fluoranthene
Concen: 0.675 ng/ul
RT: 23.148 min Scan# 5672
Delta R.T. -0.001 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:252 Resp: 18221

Ion	Ratio	Lower	Upper
252	100		
253	26.7	23.1	34.7
125	14.8	14.6	21.8



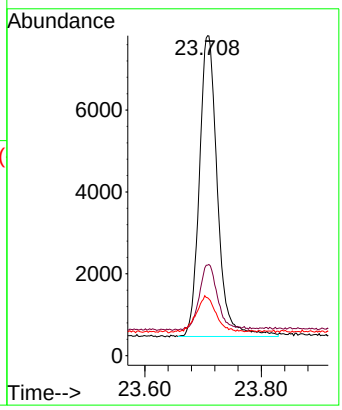


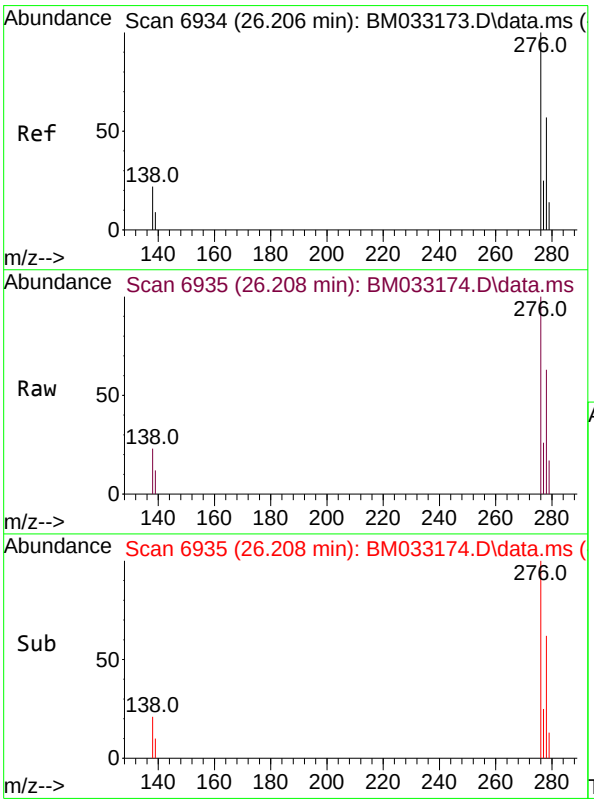
#26
Benzo(a)pyrene
Concen: 0.760 ng/ul
RT: 23.708 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 15780

Ion	Ratio	Lower	Upper
252	100		
253	28.3	27.1	40.7
125	18.1	17.4	26.2

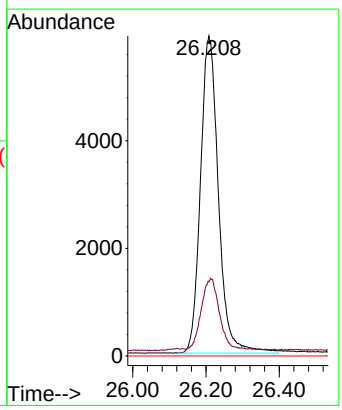


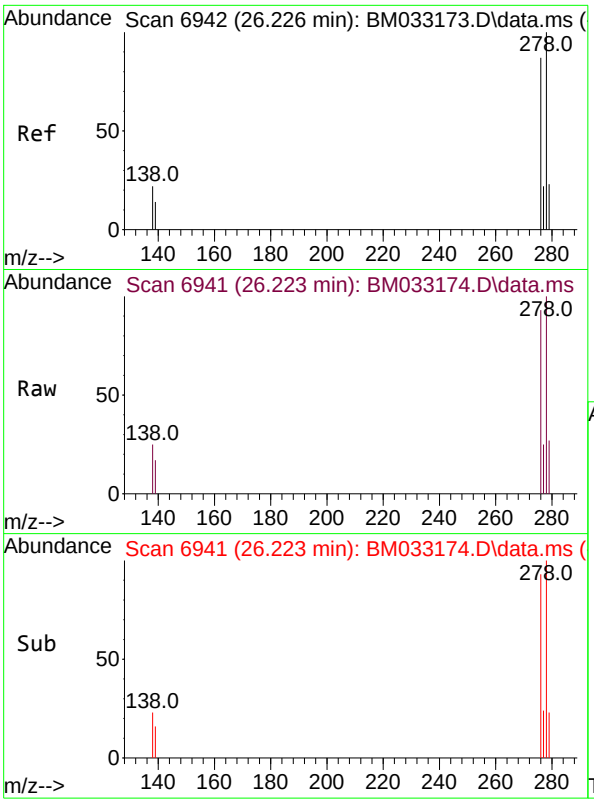


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.839 ng/ul
RT: 26.208 min Scan# 6935
Delta R.T. 0.002 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:276 Resp: 20037

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.9	34.3#
227	0.0	0.0	0.0



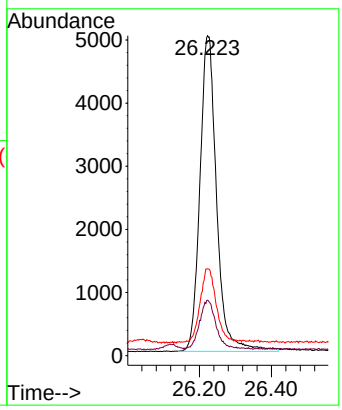


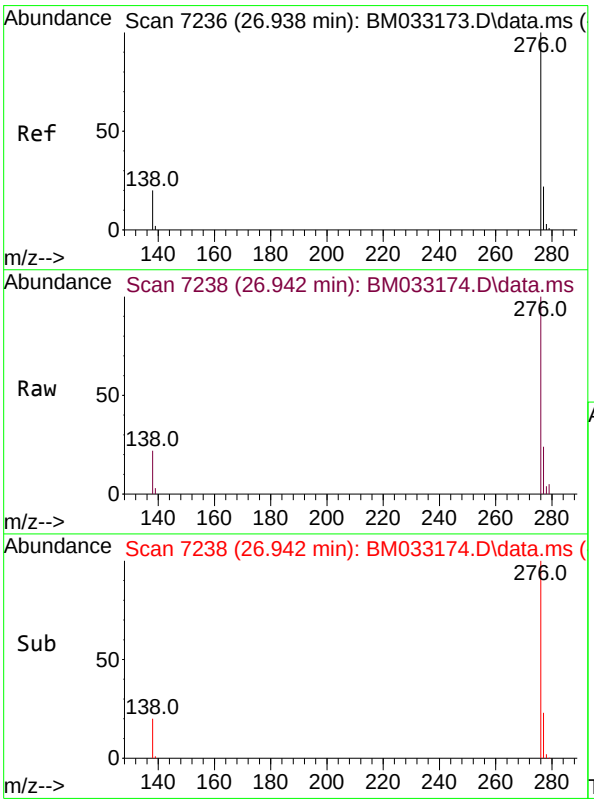
#28
Dibenzo(a,h)anthracene
Concen: 0.850 ng/ul
RT: 26.223 min Scan# 6
Delta R.T. -0.003 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 16068

Ion	Ratio	Lower	Upper
278	100		
139	17.4	18.2	27.2#
279	27.1	24.6	36.8





#29
Benzo(g,h,i)perylene
Concen: 0.851 ng/ul
RT: 26.942 min Scan# 7238
Delta R.T. 0.004 min
Lab File: BM033174.D
Acq: 19 Nov 2021 13:52

Tgt Ion:276 Resp: 17637

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.2	33.2#
277	24.3	21.0	31.4