Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033621.D
Acq On : 04 Jan 2022 12:23
Operator : CG/JU
Sample : SSTD0.136
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Quant Time: Jan 04 14:18:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 14:17:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.995	152	3324	0.400	ng/ul		0.00
4) Naphthalene-d8	10.810	136	10696	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.629	164	5401	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.365	188	10568	0.400	ng/ul		0.00
17) Chrysene-d12	21.528	240	8062	0.400	ng/ul	#	0.00
23) Perylene-d12	23.963	264	8459	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.330	96	409	0.144	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.398	152	1529	0.107	ng/ul		0.00
18) Fluoranthene-d10	19.384	212	2570	0.138	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	459	0.125	ng/ul	#	76
5) Naphthalene	10.859	128	3298	0.093	ng/ul	#	92
7) 2-Methylnaphthalene	12.470	142	2081	0.086	ng/ul		99
8) 1-Methylnaphthalene	12.685	142	2071	0.092	ng/ul		98
10) Acenaphthylene	14.352	152	2595	0.090	ng/ul		94
11) Acenaphthene	14.693	153	2095	0.095	ng/ul		97
12) Fluorene	15.672	166	4504	0.184	ng/ul		95
14) Pentachlorophenol	17.014	266	451	0.085	ng/ul		97
15) Phenanthrene	17.406	178	3607	0.105	ng/ul		99
16) Anthracene	17.497	178	3242	0.101	ng/ul		98
19) Fluoranthene	19.414	202	3917	0.158	ng/ul	#	94
20) Pyrene	19.773	202	4010	0.155	ng/ul	#	86
21) Benzo(a)anthracene	21.514	228	3563	0.161	ng/ul		98
22) Chrysene	21.565	228	3660	0.147	ng/ul		99
24) Benzo(b)fluoranthene	23.219	252	3918	0.146	ng/ul		84
25) Benzo(k)fluoranthene	23.267	252	3844	0.137	ng/ul	#	82
26) Benzo(a)pyrene	23.851	252	3481	0.141	ng/ul	#	88
27) Indeno(1,2,3-cd)pyrene	26.502	276	4424	0.129	ng/ul	#	74
28) Dibenzo(a,h)anthracene	26.526	278	3532	0.128	ng/ul	#	92
29) Benzo(g,h,i)perylene	27.282	276	3824	0.126	ng/ul	#	88

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

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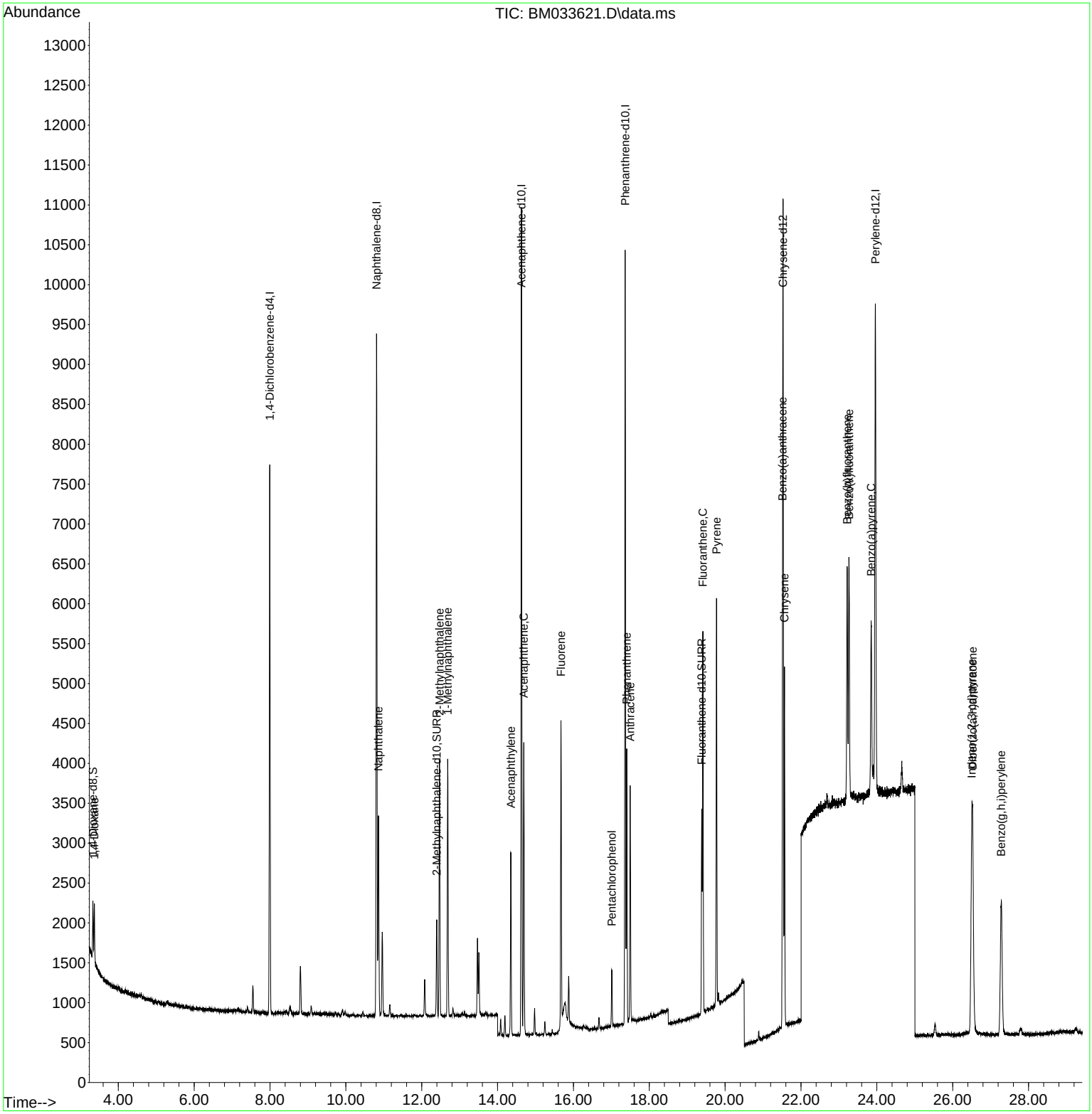
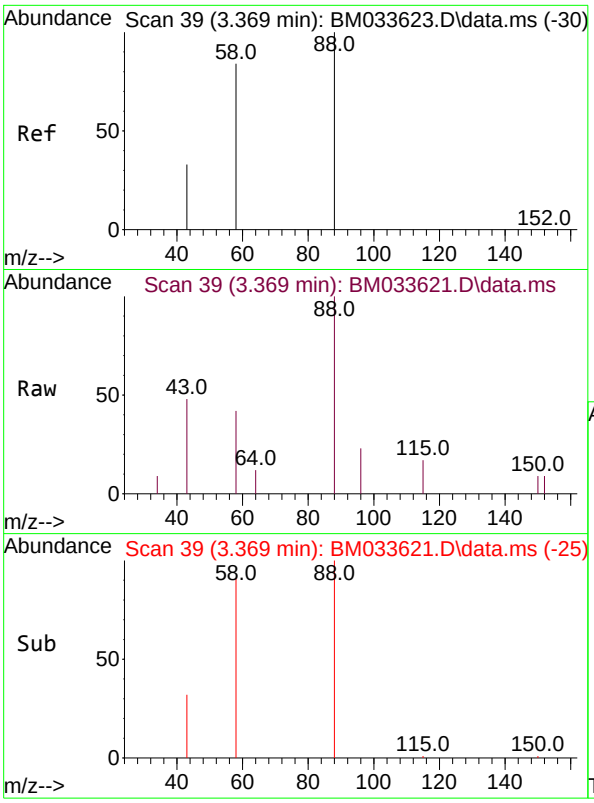


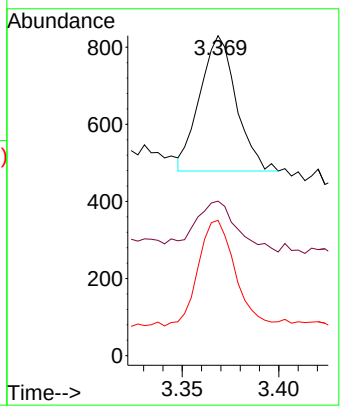


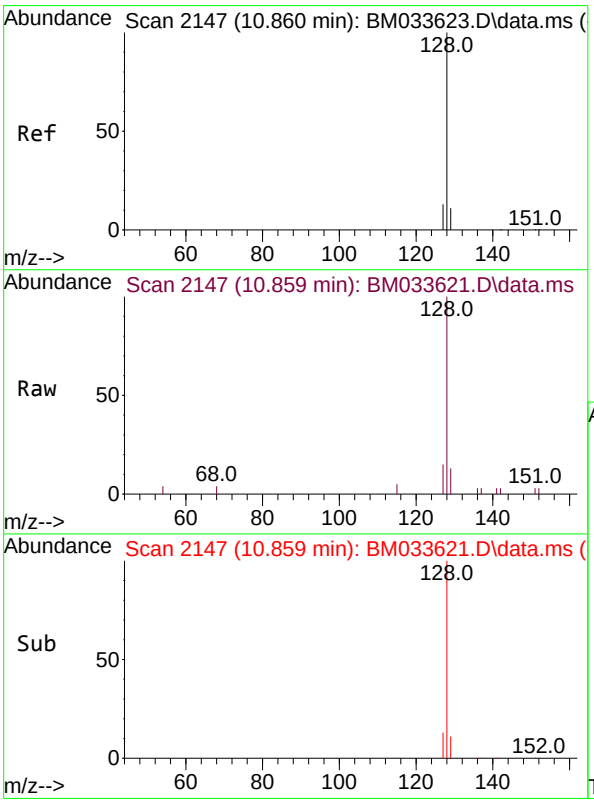
#2
1,4-Dioxane
Concen: 0.125 ng/ul
RT: 3.369 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion: 88 Resp: 459

Ion	Ratio	Lower	Upper
88	100		
43	48.3	49.7	74.5#
58	42.3	52.5	78.7#

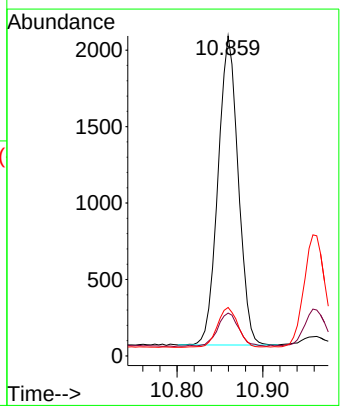


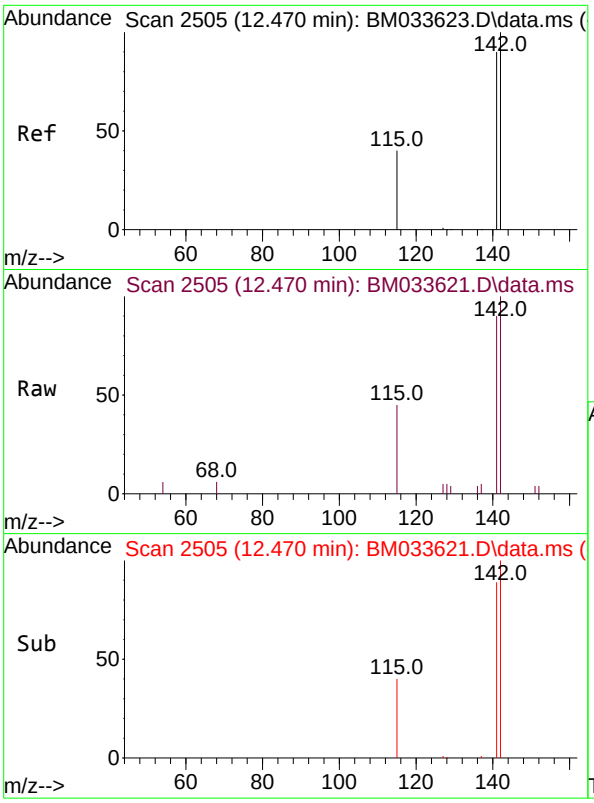


#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.859 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:128 Resp: 3298

Ion	Ratio	Lower	Upper
128	100		
129	13.4	13.4	20.2#
127	15.1	15.2	22.8#



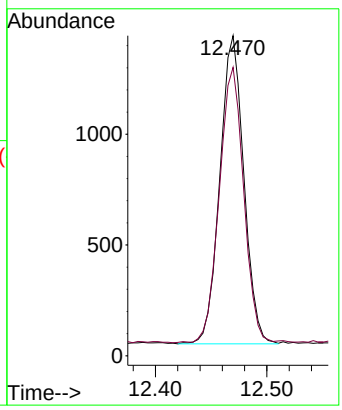


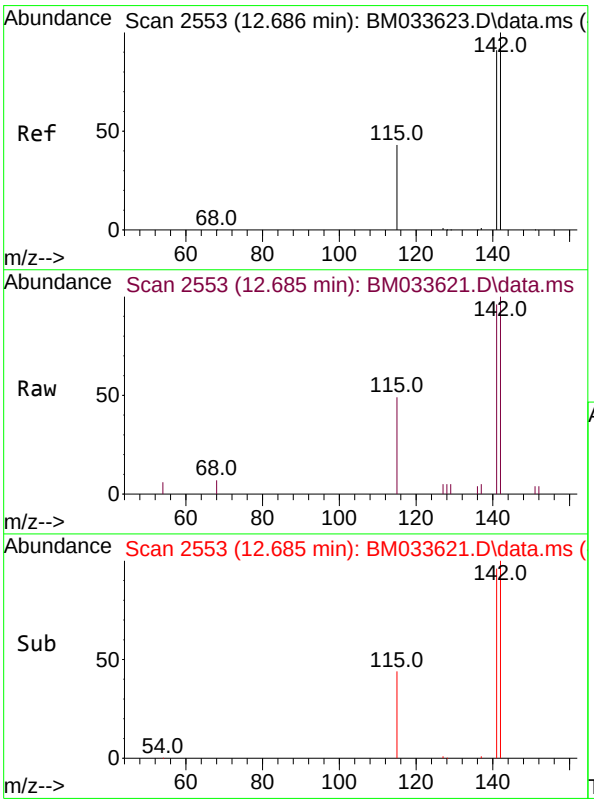
#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.470 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:142 Resp: 2081

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.8	107.6

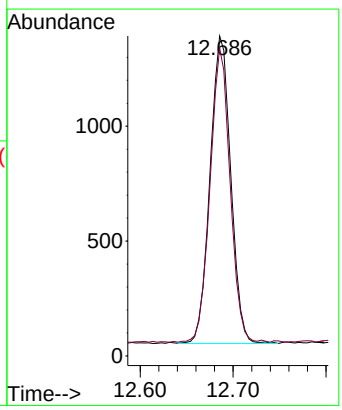


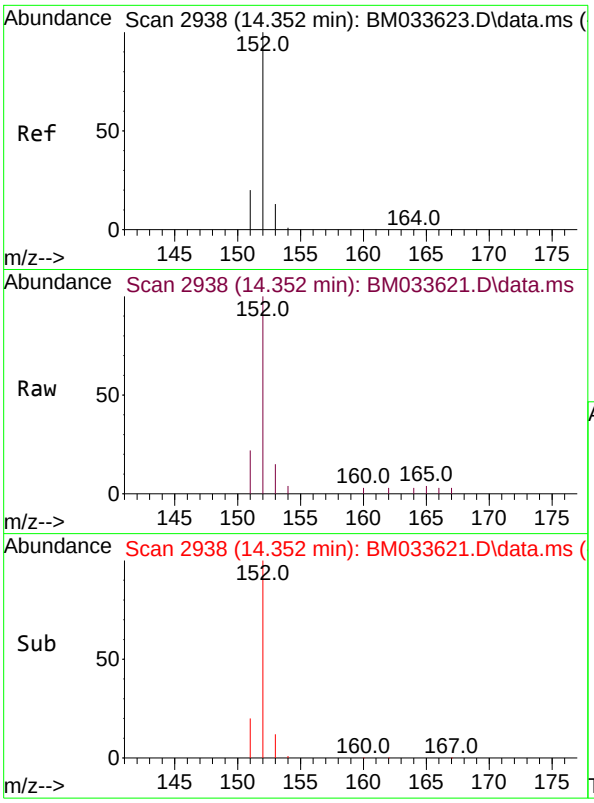


#8
1-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.685 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:142 Resp: 2071

Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.0	112.4



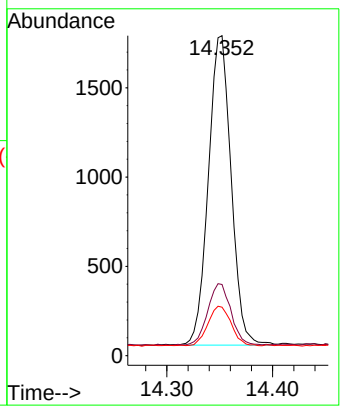


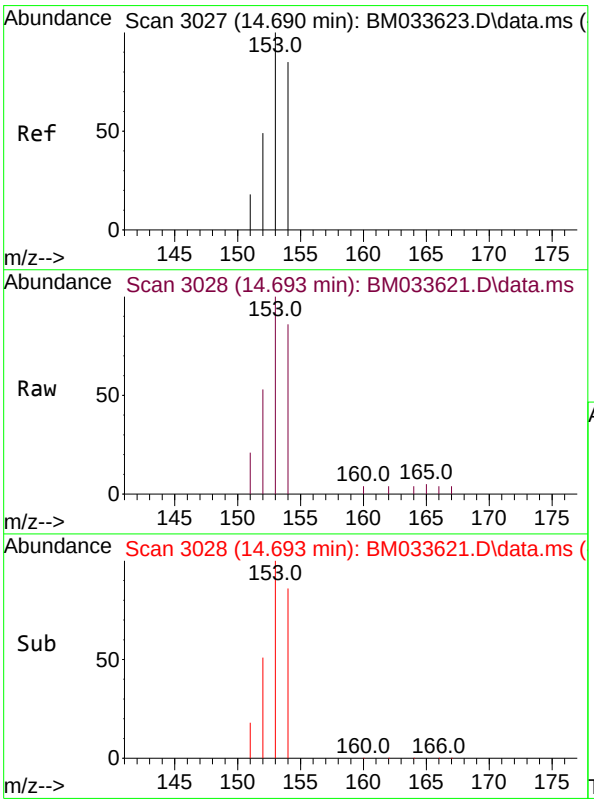
#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.352 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:152 Resp: 2595

Ion	Ratio	Lower	Upper
152	100		
151	22.3	19.9	29.9
153	15.1	15.0	22.4

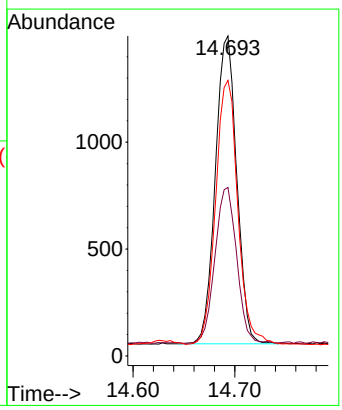


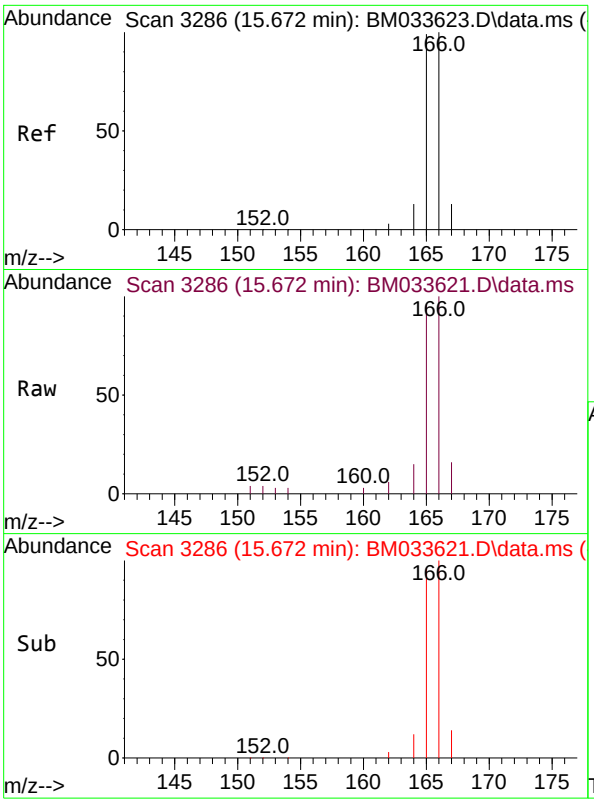


#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.693 min Scan# 3028
Delta R.T. 0.004 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:153 Resp: 2095

Ion	Ratio	Lower	Upper
153	100		
152	52.6	42.4	63.6
154	86.1	66.2	99.2



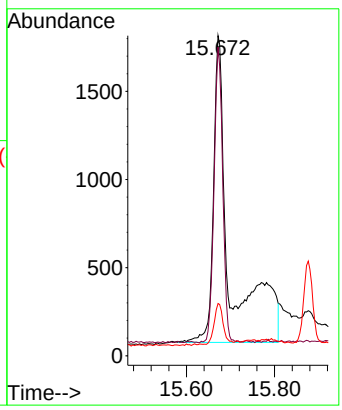


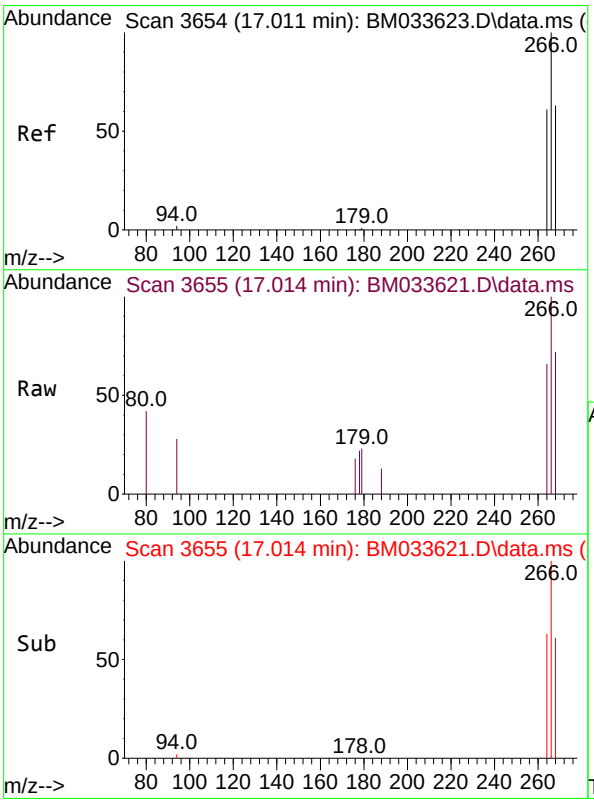
#12
Fluorene
Concen: 0.184 ng/ul
RT: 15.672 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:166 Resp: 4504

Ion	Ratio	Lower	Upper
166	100		
165	96.4	81.1	121.7
167	16.3	14.9	22.3

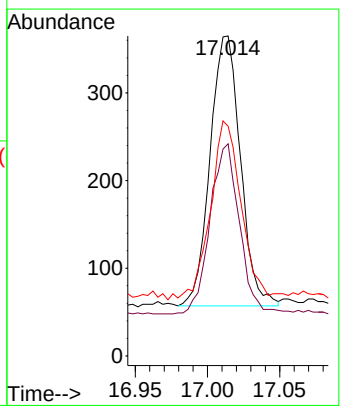


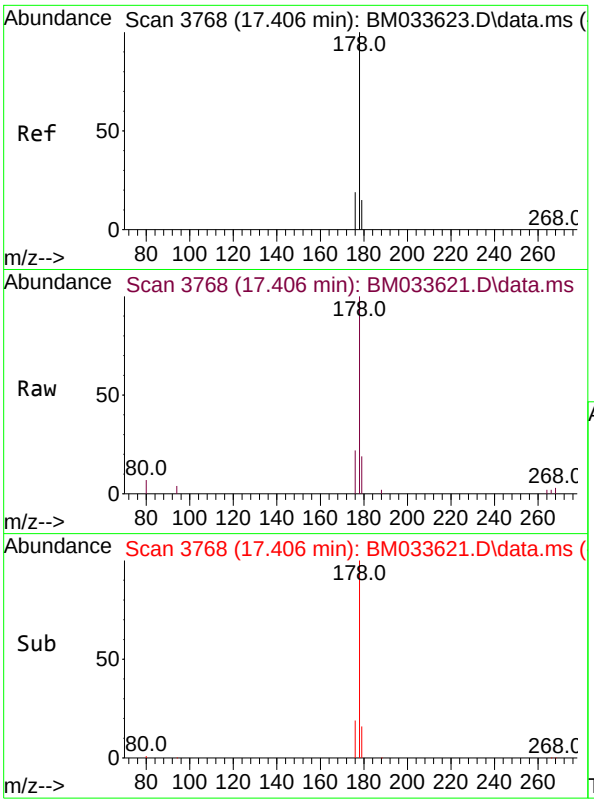


#14
Pentachlorophenol
Concen: 0.085 ng/ul
RT: 17.014 min Scan# 3655
Delta R.T. 0.003 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:266 Resp: 451

Ion	Ratio	Lower	Upper
266	100		
264	60.8	51.4	77.0
268	67.8	53.1	79.7



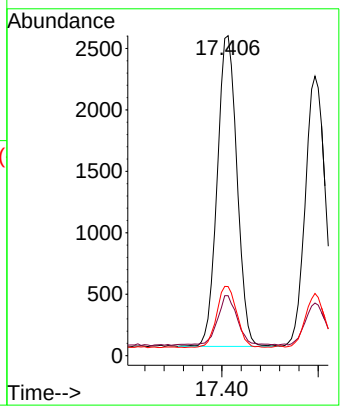


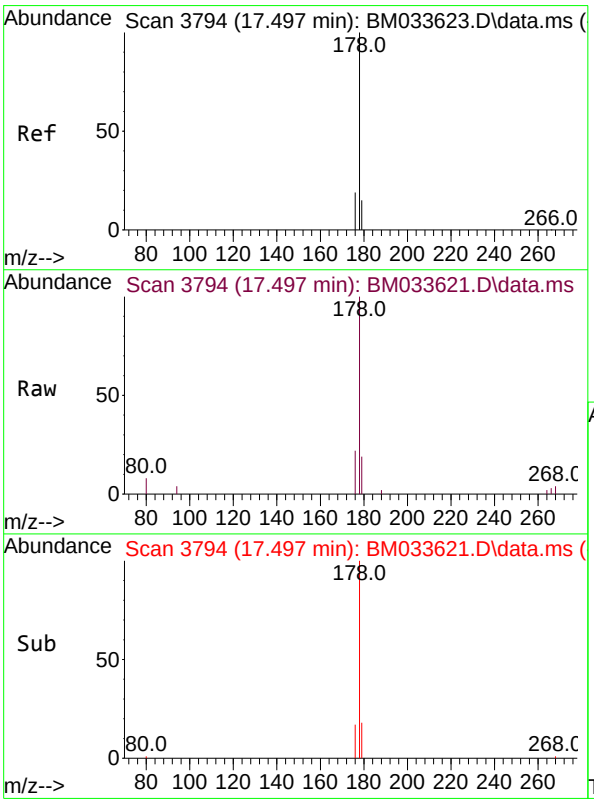
#15
Phenanthrene
Concen: 0.105 ng/ul
RT: 17.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:178 Resp: 3607

Ion	Ratio	Lower	Upper
178	100		
179	18.8	15.0	22.6
176	21.6	17.9	26.9

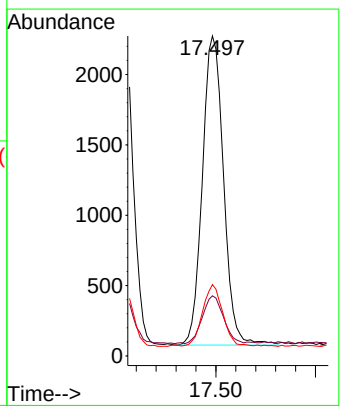


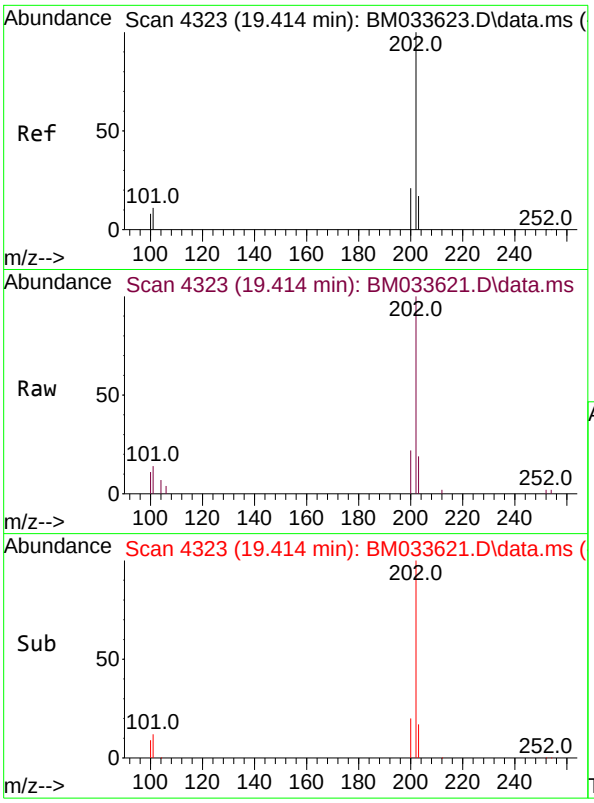


#16
Anthracene
Concen: 0.101 ng/ul
RT: 17.497 min Scan# 3794
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:178 Resp: 3242

Ion	Ratio	Lower	Upper
178	100		
179	18.8	16.5	24.7
176	22.3	18.3	27.5



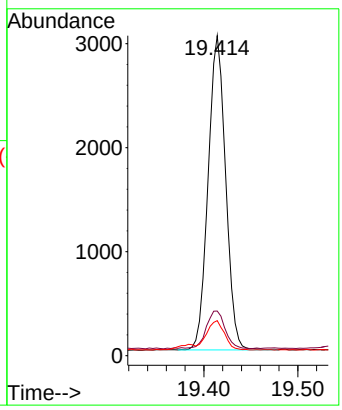


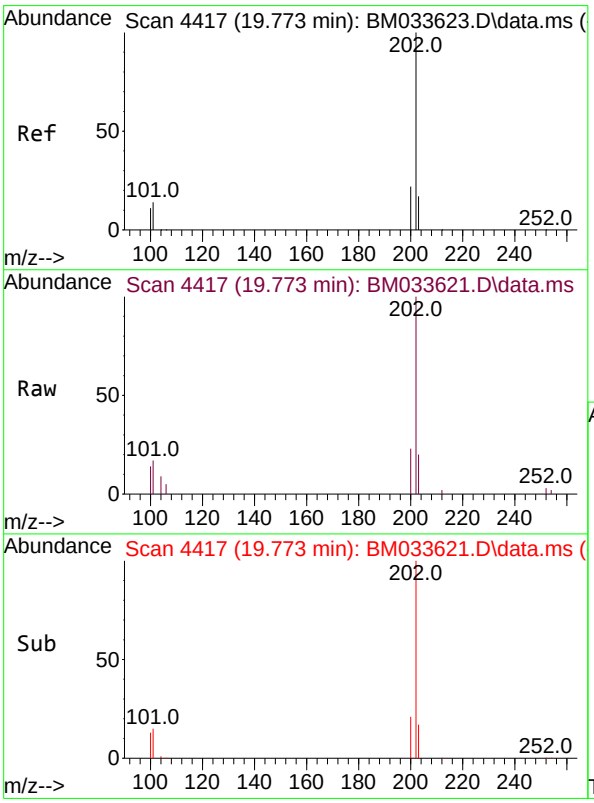
#19
Fluoranthene
Concen: 0.158 ng/ul
RT: 19.414 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:202 Resp: 3917

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.2	13.8#
100	11.0	7.2	10.8#

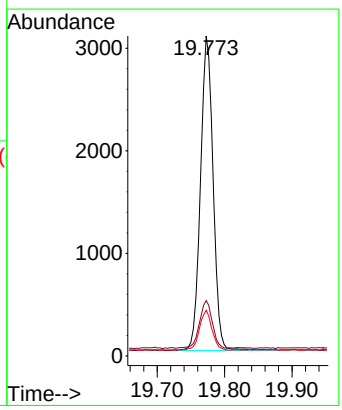


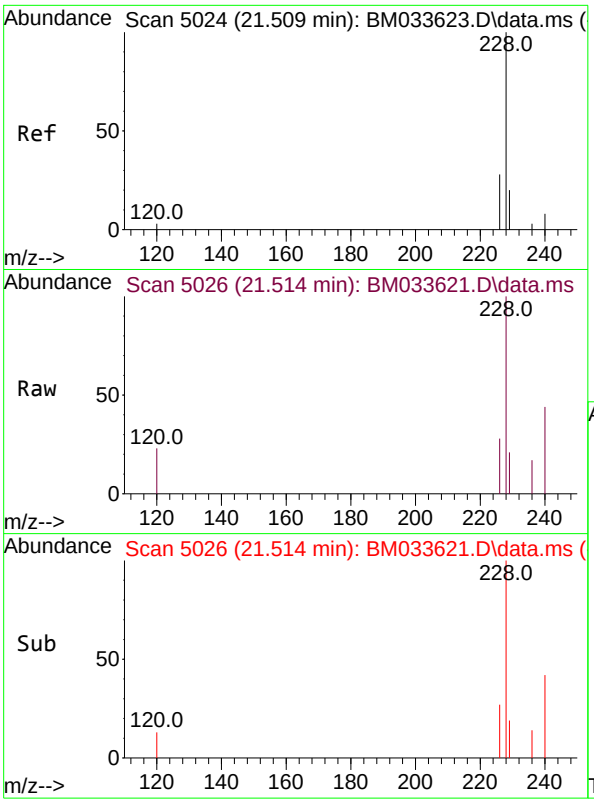


#20
Pyrene
Concen: 0.155 ng/ul
RT: 19.773 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:202 Resp: 4010

Ion	Ratio	Lower	Upper
202	100		
101	17.3	9.3	13.9#
100	14.3	7.8	11.6#



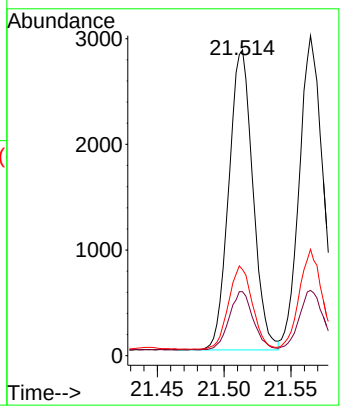


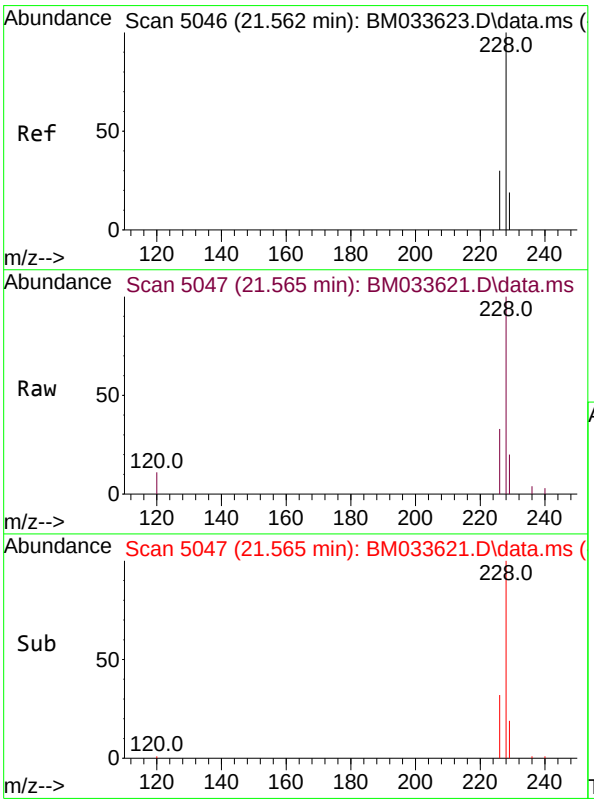
#21
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.514 min Scan# 5
Delta R.T. 0.005 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:228 Resp: 3563

Ion	Ratio	Lower	Upper
228	100		
229	20.9	17.3	25.9
226	28.1	23.2	34.8

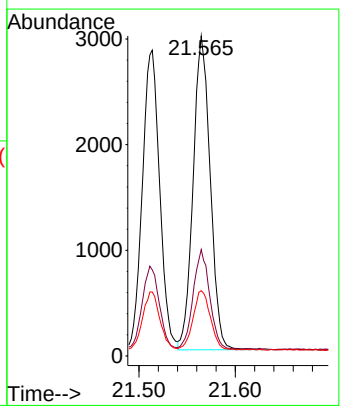


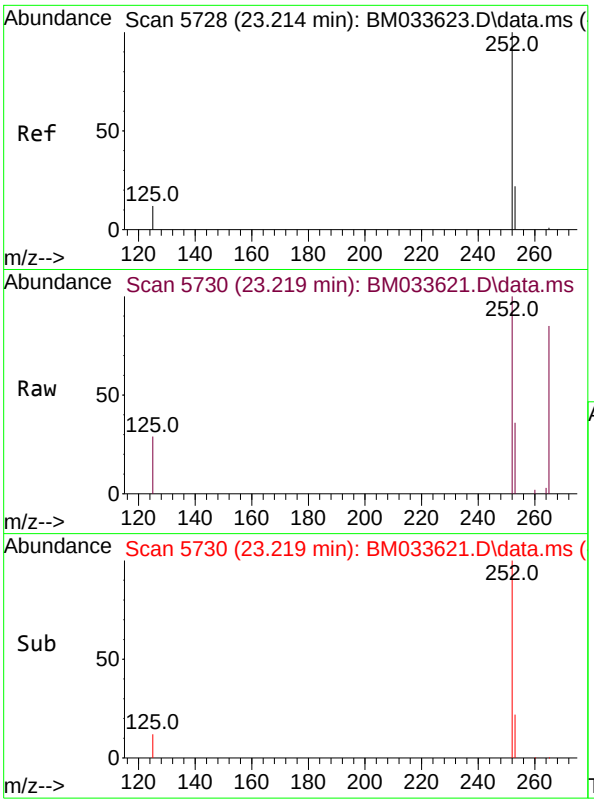


#22
Chrysene
Concen: 0.147 ng/ul
RT: 21.565 min Scan# 5047
Delta R.T. 0.002 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:228 Resp: 3660

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.8	38.8
229	20.4	16.7	25.1



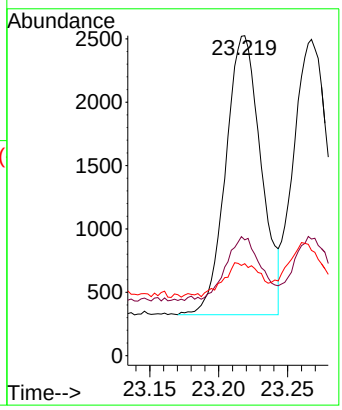


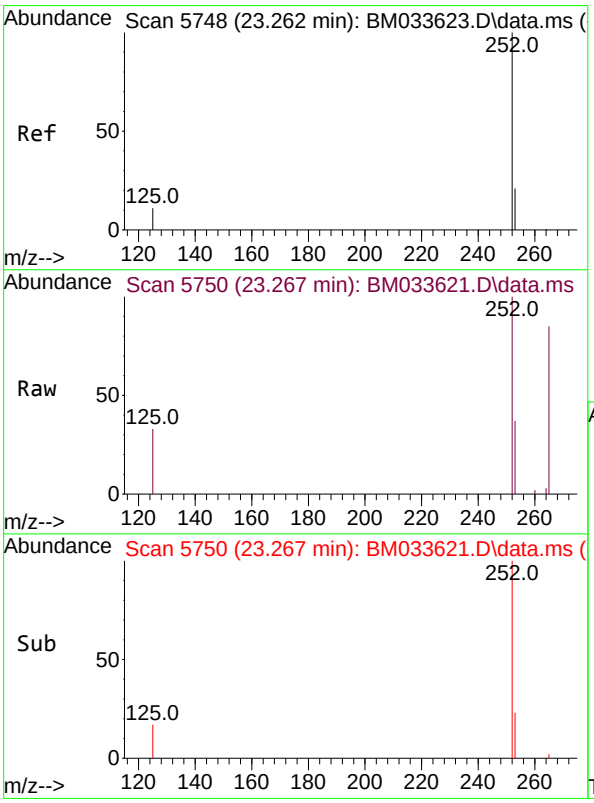
#24
Benzo(b)fluoranthene
Concen: 0.146 ng/ul
RT: 23.219 min Scan# 5
Delta R.T. 0.005 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:252 Resp: 3918

Ion	Ratio	Lower	Upper
252	100		
253	36.2	0.0	64.2
125	28.8	0.0	28.8

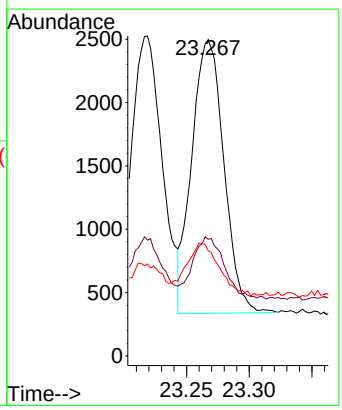


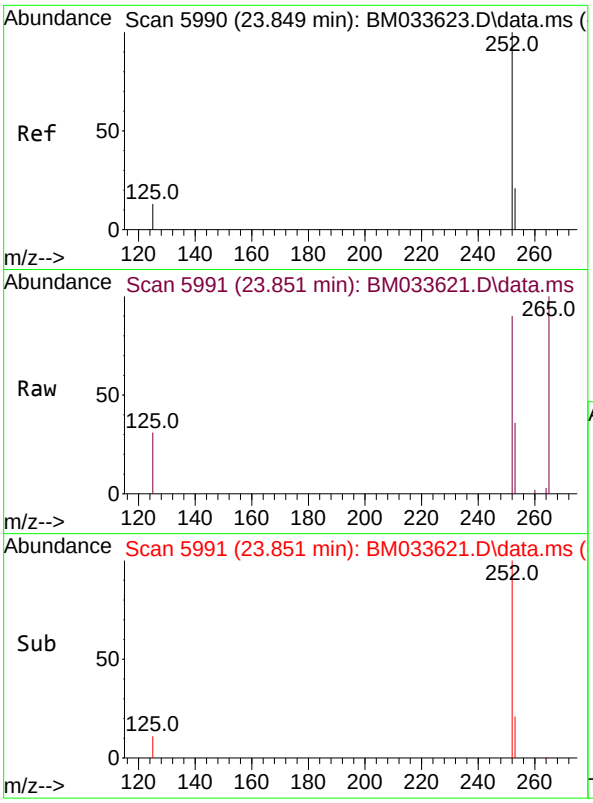


#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul
RT: 23.267 min Scan# 5750
Delta R.T. 0.005 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:252 Resp: 3844

Ion	Ratio	Lower	Upper
252	100		
253	36.9	26.8	40.2
125	33.3	12.0	18.0#



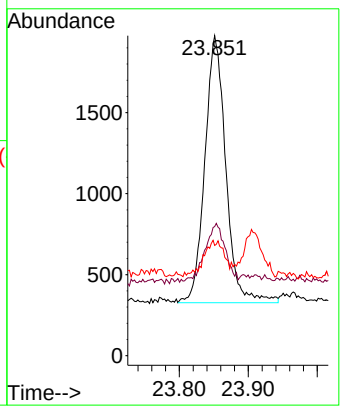


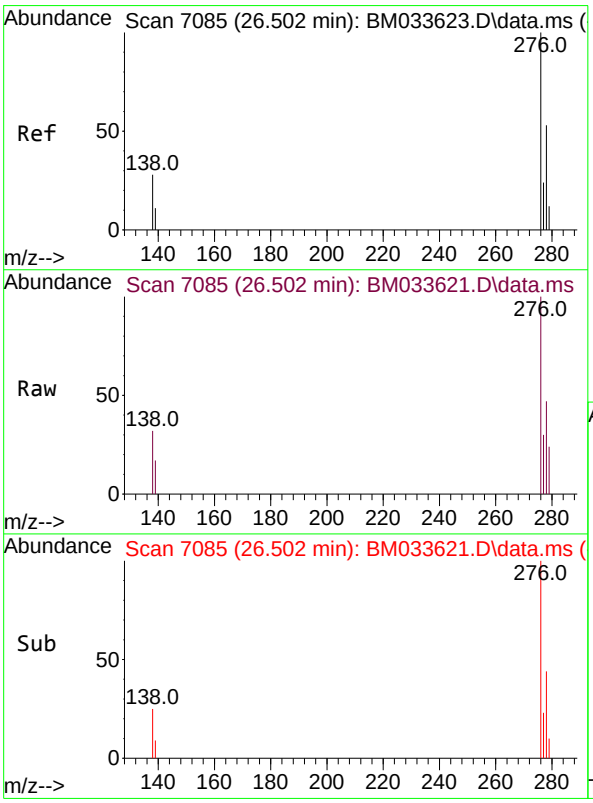
#26
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 23.851 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:252 Resp: 3481

Ion	Ratio	Lower	Upper
252	100		
253	40.4	32.0	48.0
125	34.5	14.5	21.7#

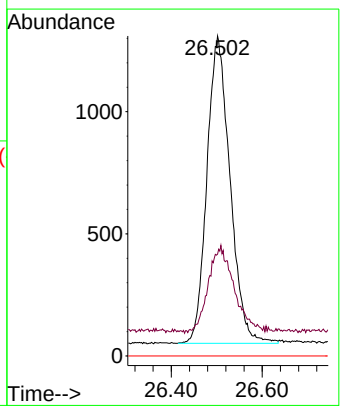


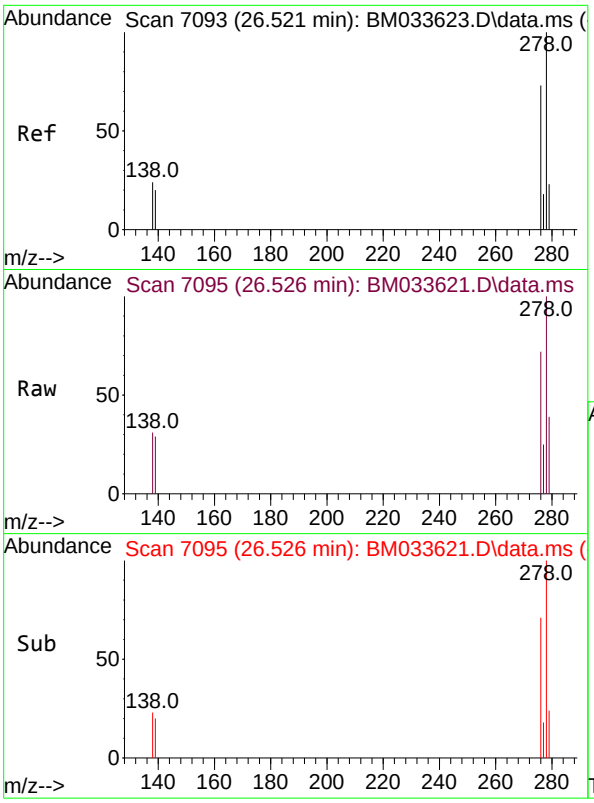


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/ul
RT: 26.502 min Scan# 7085
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:276 Resp: 4424

Ion	Ratio	Lower	Upper
276	100		
138	31.7	15.8	23.6#
227	0.0	0.0	0.0



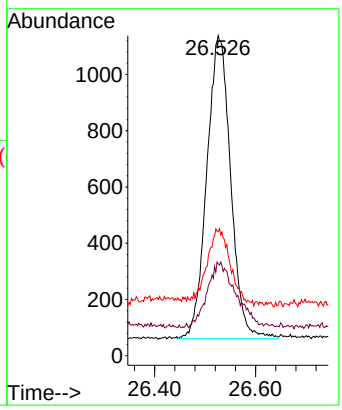


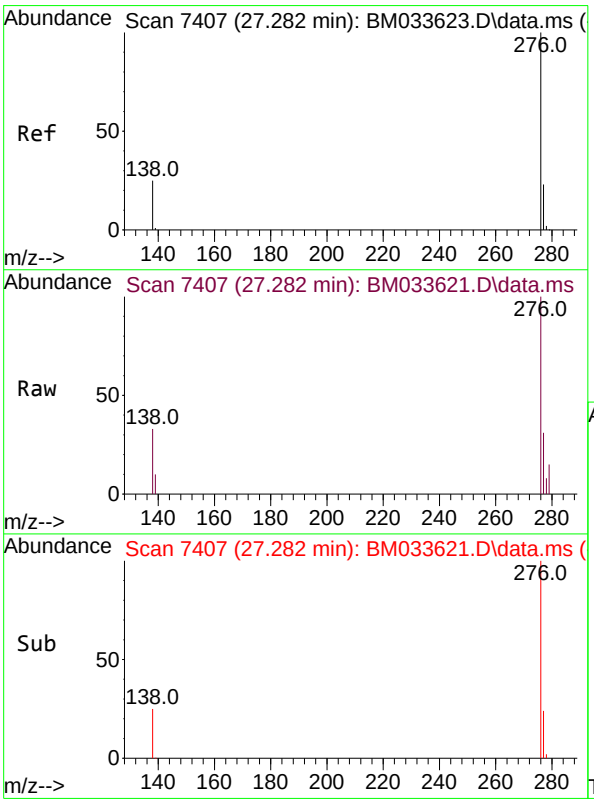
#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 26.526 min Scan# 7
Delta R.T. 0.005 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Tgt Ion:278 Resp: 3532

Ion	Ratio	Lower	Upper
278	100		
139	28.7	18.0	27.0#
279	38.8	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.126 ng/ul
RT: 27.282 min Scan# 7407
Delta R.T. -0.000 min
Lab File: BM033621.D
Acq: 04 Jan 2022 12:23

Tgt Ion:276 Resp: 3824

Ion	Ratio	Lower	Upper
276	100		
138	32.5	17.4	26.0#
277	30.5	22.6	33.8