Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033626.D
Acq On : 04 Jan 2022 15:24
Operator : CG/JU
Sample : SSTD3.241
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Quant Time: Jan 04 15:54:30 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	7.991	152	3704	0.400	ng/ul		0.00
4) Naphthalene-d8	10.810	136	12505	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.629	164	6240	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.365	188	10779	0.400	ng/ul		0.00
17) Chrysene-d12	21.526	240	8130	0.400	ng/ul	#	0.00
23) Perylene-d12	23.955	264	7950	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.330	96	12294	3.888	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.398	152	51975	3.108	ng/ul		0.00
18) Fluoranthene-d10	19.384	212	76738	4.081	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	13423	3.278	ng/ul	#	72
5) Naphthalene	10.859	128	108160	2.617	ng/ul	#	87
7) 2-Methylnaphthalene	12.470	142	70598	2.508	ng/ul		100
8) 1-Methylnaphthalene	12.685	142	69211	2.634	ng/ul		100
10) Acenaphthylene	14.352	152	92326	2.760	ng/ul	#	89
11) Acenaphthene	14.689	153	70216	2.755	ng/ul		95
12) Fluorene	15.672	166	79043	2.802	ng/ul	#	95
14) Pentachlorophenol	17.011	266	14263	2.641	ng/ul		98
15) Phenanthrene	17.406	178	108344	3.099	ng/ul		93
16) Anthracene	17.496	178	104118	3.175	ng/ul	#	90
19) Fluoranthene	19.414	202	117573	4.712	ng/ul		100
20) Pyrene	19.773	202	116023	4.445	ng/ul	#	94
21) Benzo(a)anthracene	21.509	228	103409	4.631	ng/ul		97
22) Chrysene	21.562	228	102652	4.076	ng/ul		97
24) Benzo(b)fluoranthene	23.214	252	108041	4.298	ng/ul		86
25) Benzo(k)fluoranthene	23.262	252	108081	4.097	ng/ul	#	85
26) Benzo(a)pyrene	23.849	252	95170	4.088	ng/ul	#	77
27) Indeno(1,2,3-cd)pyrene	26.497	276	123086	3.816	ng/ul	#	79
28) Dibenzo(a,h)anthracene	26.519	278	98278	3.798	ng/ul	#	85
29) Benzo(g,h,i)perylene	27.275	276	103620	3.641	ng/ul		92

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

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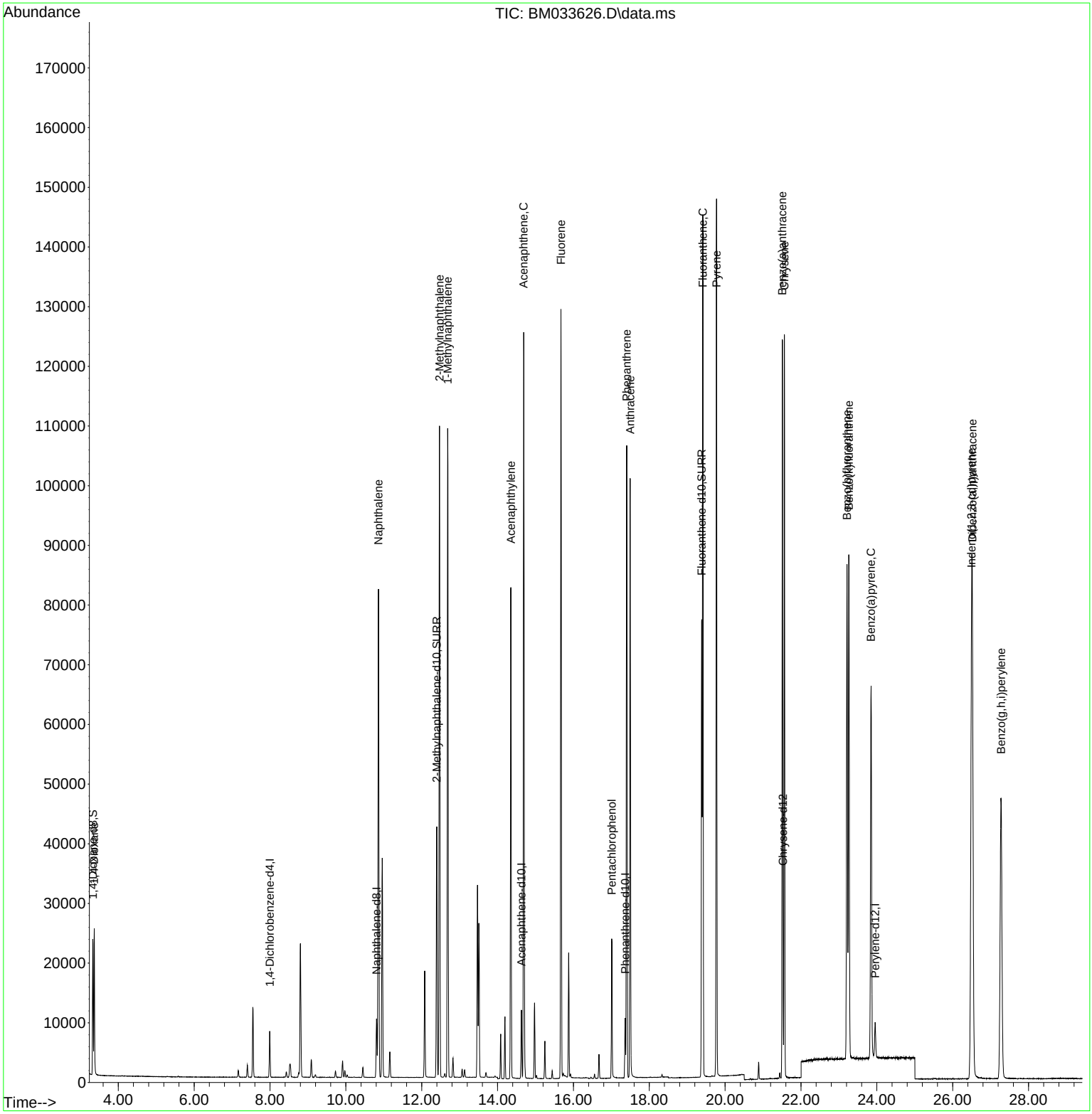
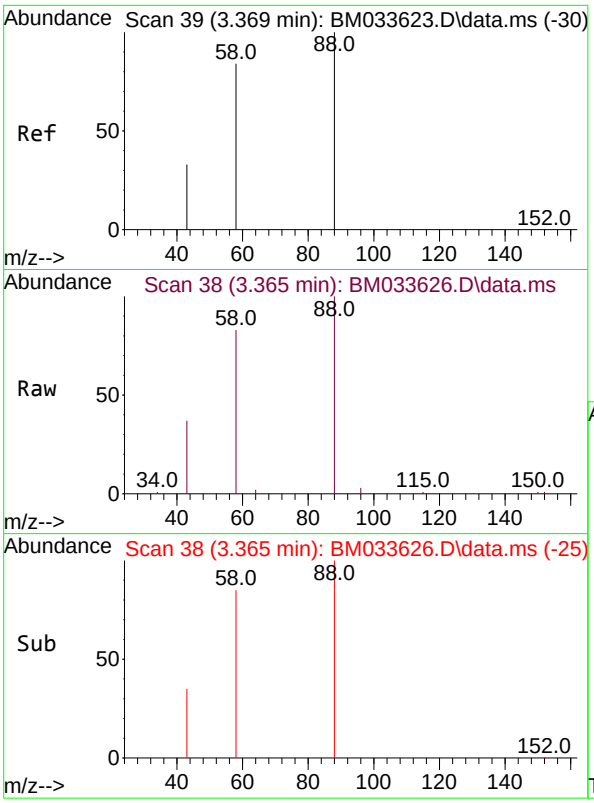


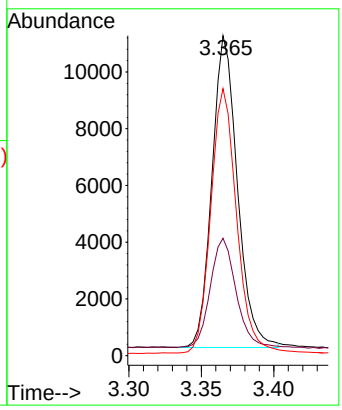


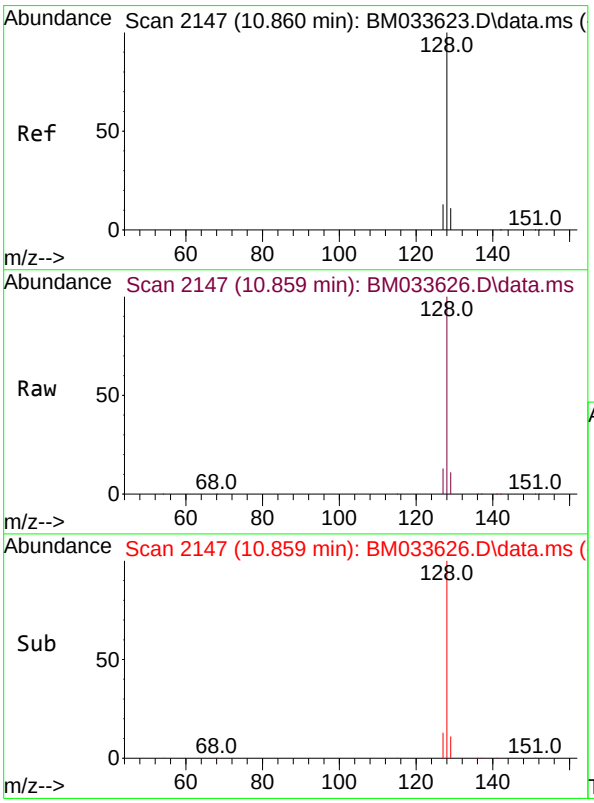
#2
1,4-Dioxane
Concen: 3.278 ng/ul
RT: 3.365 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion: 88 Resp: 13423

Ion	Ratio	Lower	Upper
88	100		
43	36.7	49.7	74.5#
58	83.5	52.5	78.7#

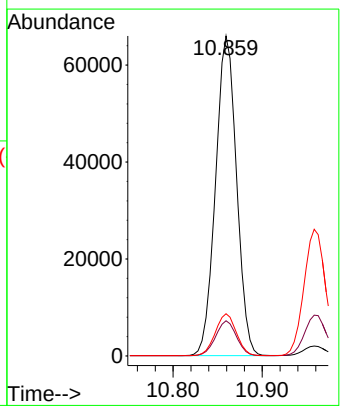


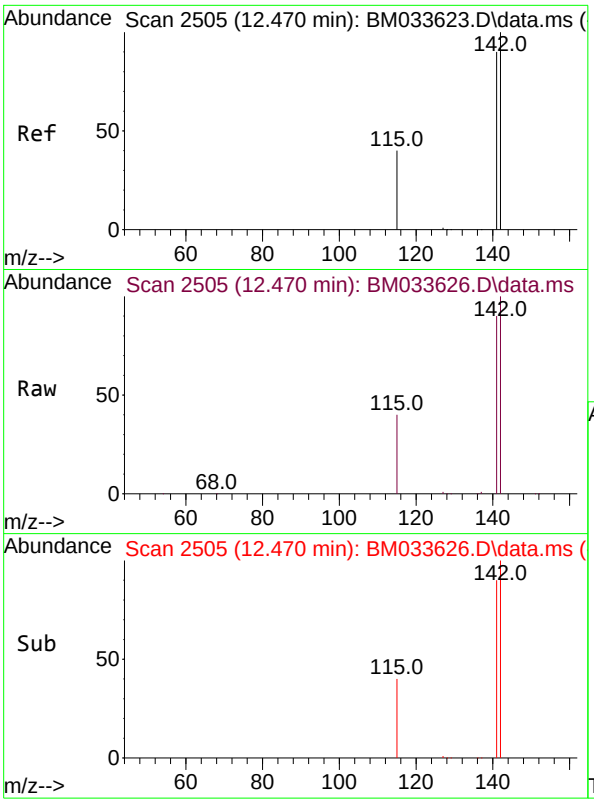


#5
Naphthalene
Concen: 2.617 ng/ul
RT: 10.859 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:128 Resp: 108160

Ion	Ratio	Lower	Upper
128	100		
129	11.0	13.4	20.2#
127	13.2	15.2	22.8#



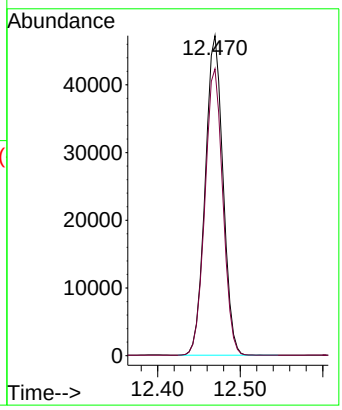


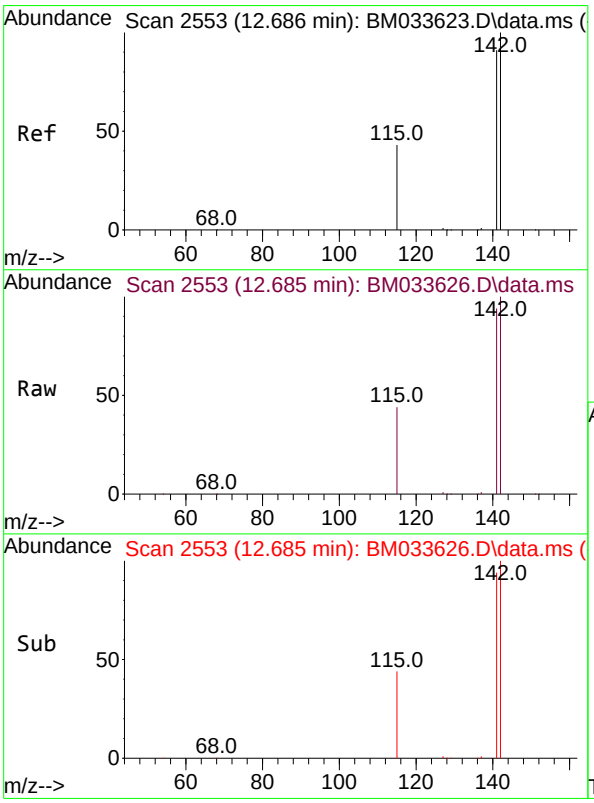
#7
2-Methylnaphthalene
Concen: 2.508 ng/ul
RT: 12.470 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:142 Resp: 70598

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.6

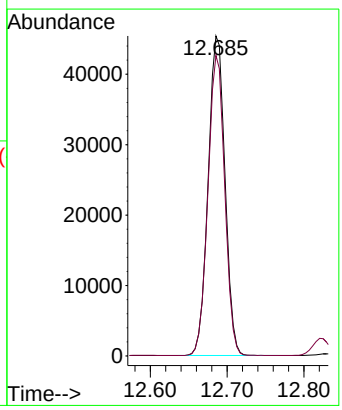


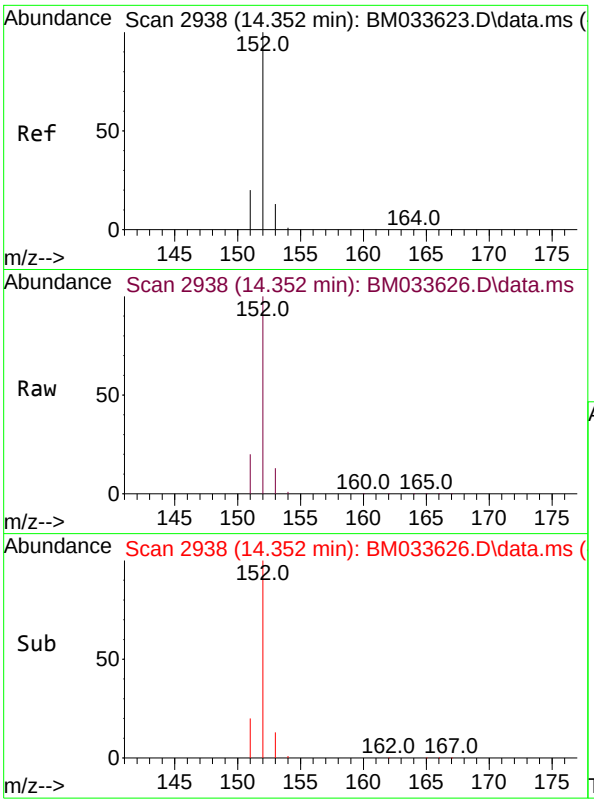


#8
1-Methylnaphthalene
Concen: 2.634 ng/ul
RT: 12.685 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:142 Resp: 69211

Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.0	112.4



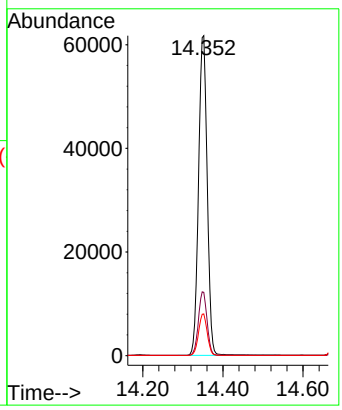


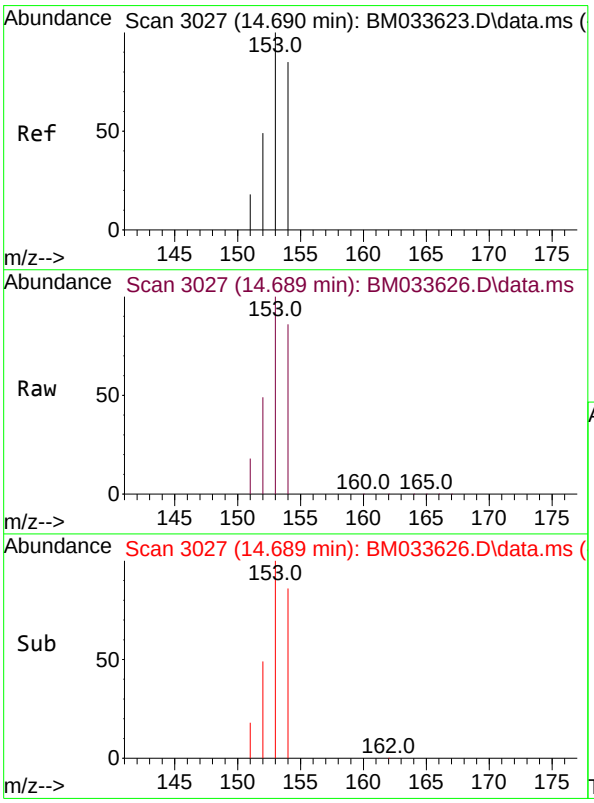
#10
Acenaphthylene
Concen: 2.760 ng/ul
RT: 14.352 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:152 Resp: 92326

Ion	Ratio	Lower	Upper
152	100		
151	19.8	19.9	29.9#
153	13.1	15.0	22.4#

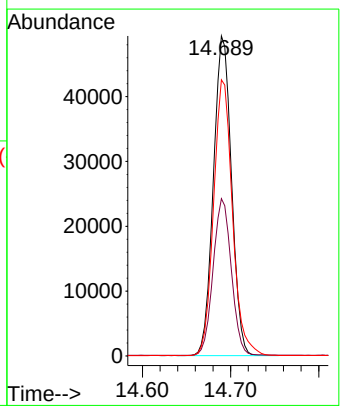


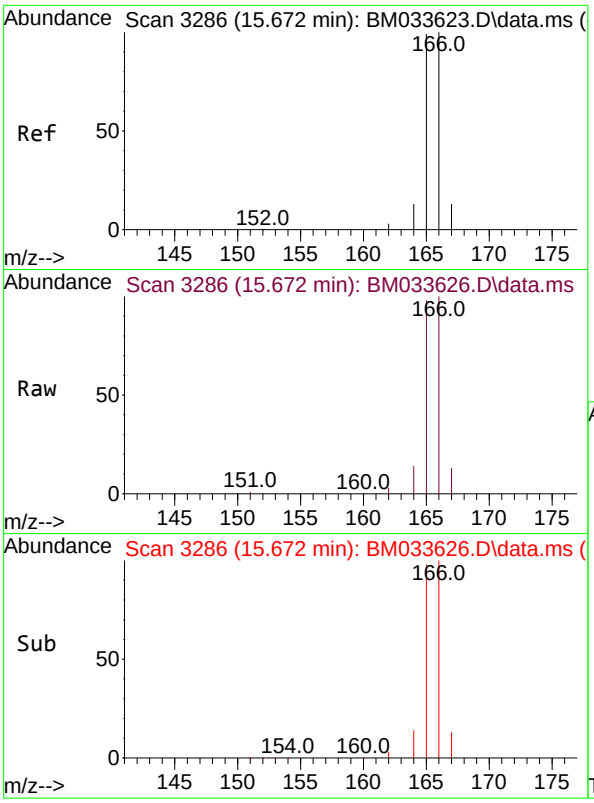


#11
Acenaphthene
Concen: 2.755 ng/ul
RT: 14.689 min Scan# 3027
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:153 Resp: 70216

Ion	Ratio	Lower	Upper
153	100		
152	49.2	42.4	63.6
154	86.3	66.2	99.2



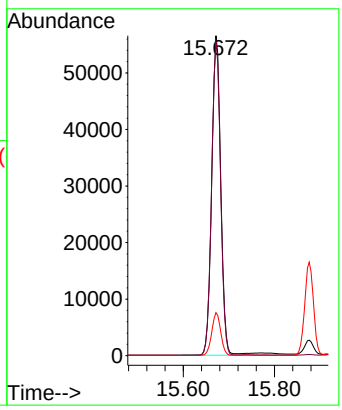


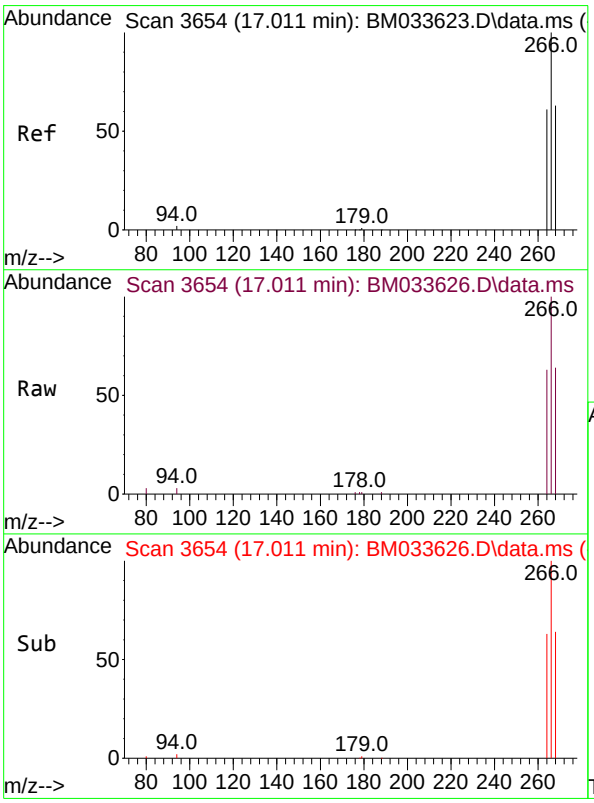
#12
Fluorene
Concen: 2.802 ng/ul
RT: 15.672 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:166 Resp: 79043

Ion	Ratio	Lower	Upper
166	100		
165	98.1	81.1	121.7
167	13.4	14.9	22.3#

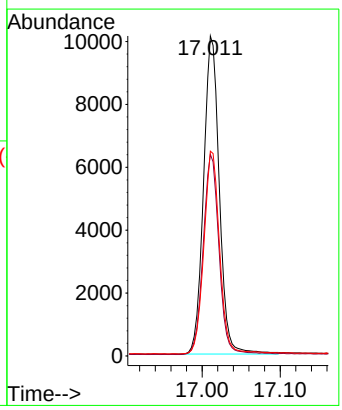


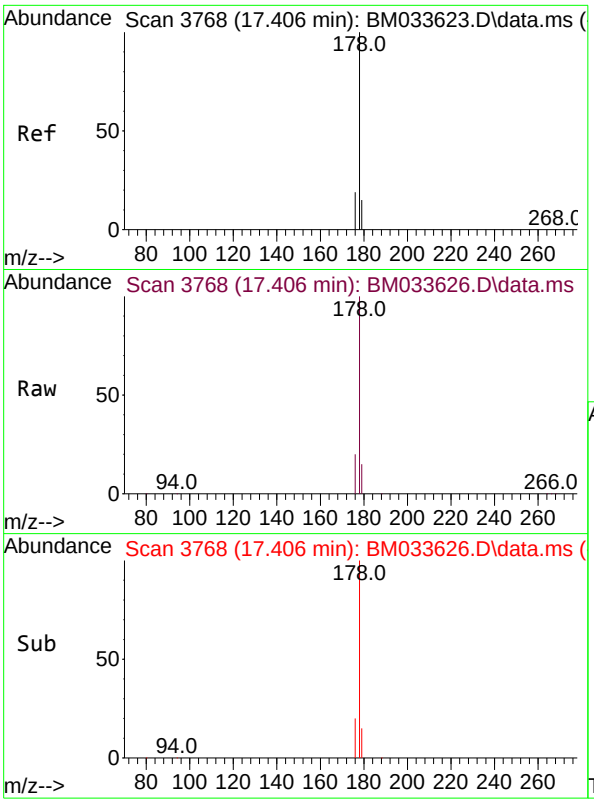


#14
Pentachlorophenol
Concen: 2.641 ng/ul
RT: 17.011 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:266 Resp: 14263

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.4	77.0
268	63.7	53.1	79.7



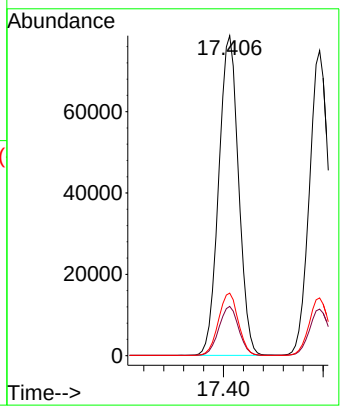


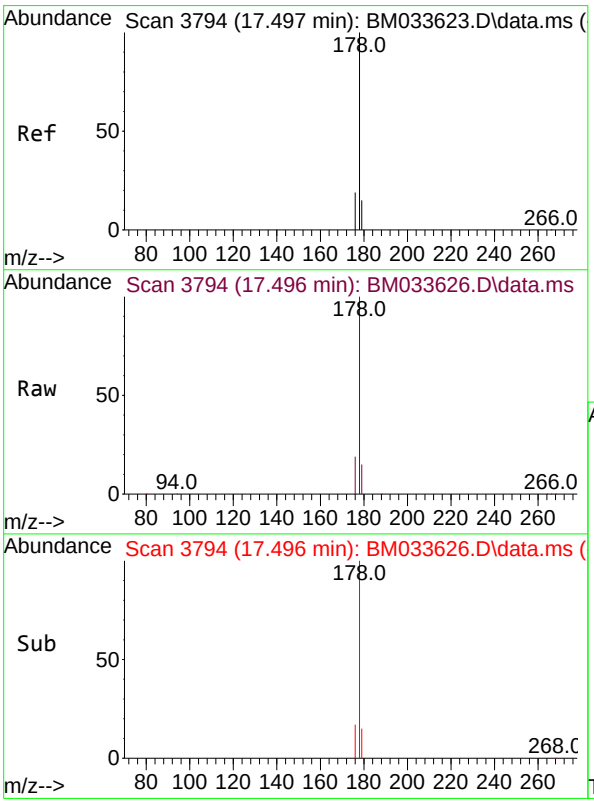
#15
Phenanthrene
Concen: 3.099 ng/ul
RT: 17.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:178 Resp: 108344

Ion	Ratio	Lower	Upper
178	100		
179	15.4	15.0	22.6
176	19.6	17.9	26.9

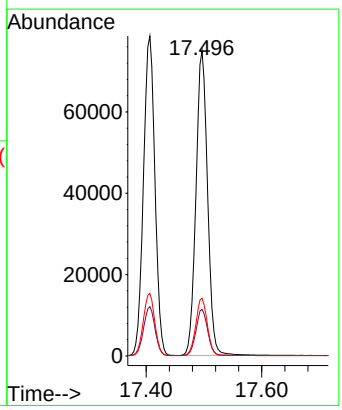


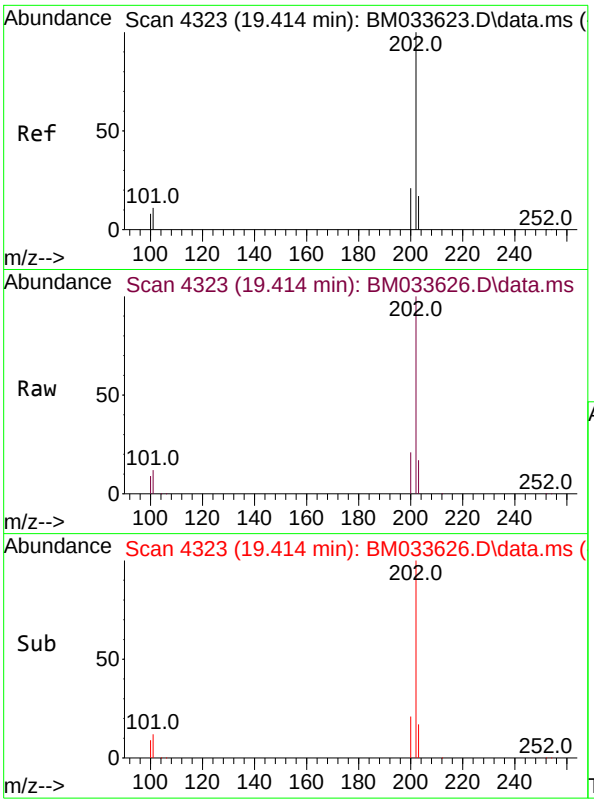


#16
Anthracene
Concen: 3.175 ng/ul
RT: 17.496 min Scan# 3794
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:178 Resp: 104118

Ion	Ratio	Lower	Upper
178	100		
179	15.3	16.5	24.7#
176	19.0	18.3	27.5



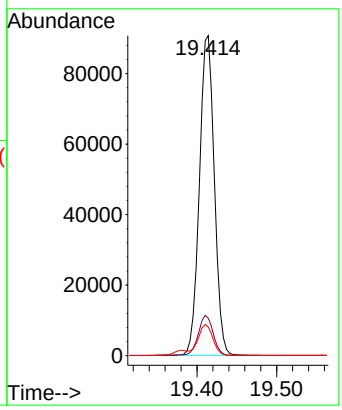


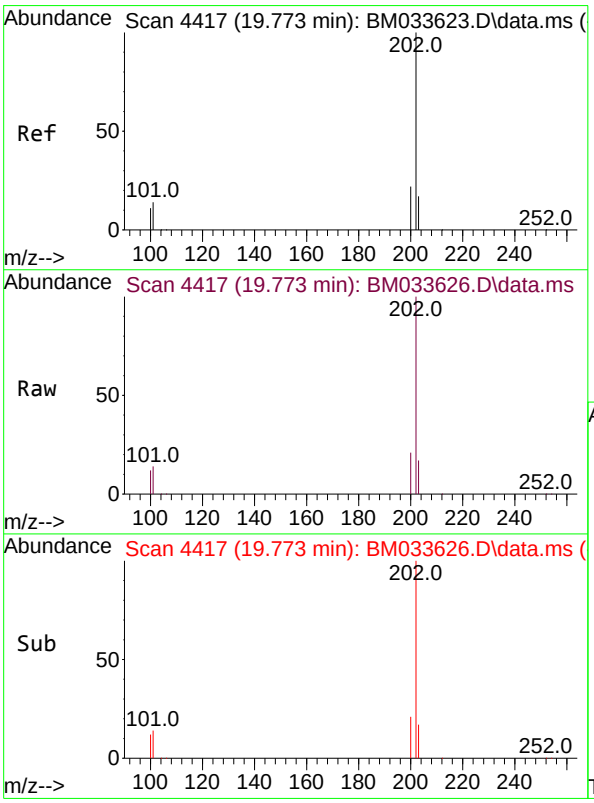
#19
Fluoranthene
Concen: 4.712 ng/ul
RT: 19.414 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:202 Resp: 117573

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	9.0	7.2	10.8

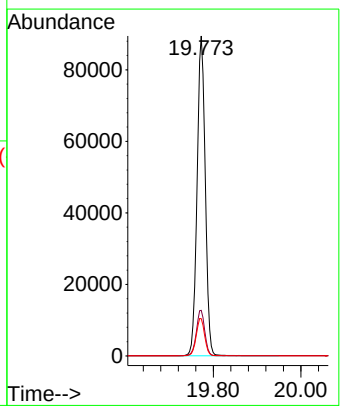


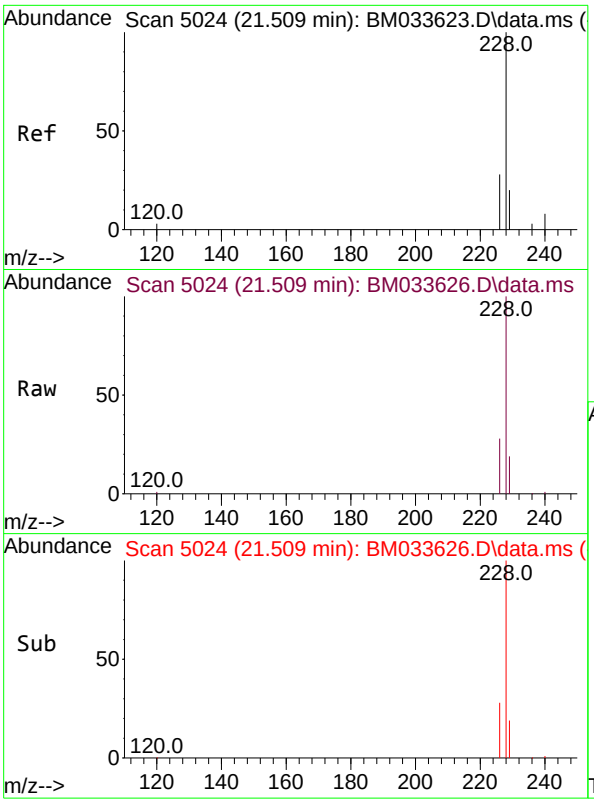


#20
Pyrene
Concen: 4.445 ng/ul
RT: 19.773 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:202 Resp: 116023

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



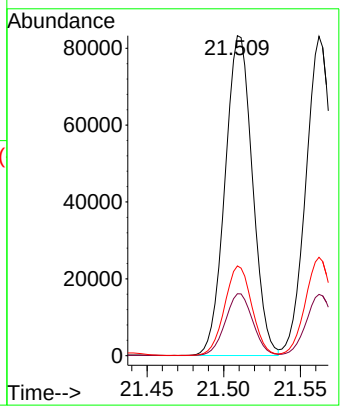


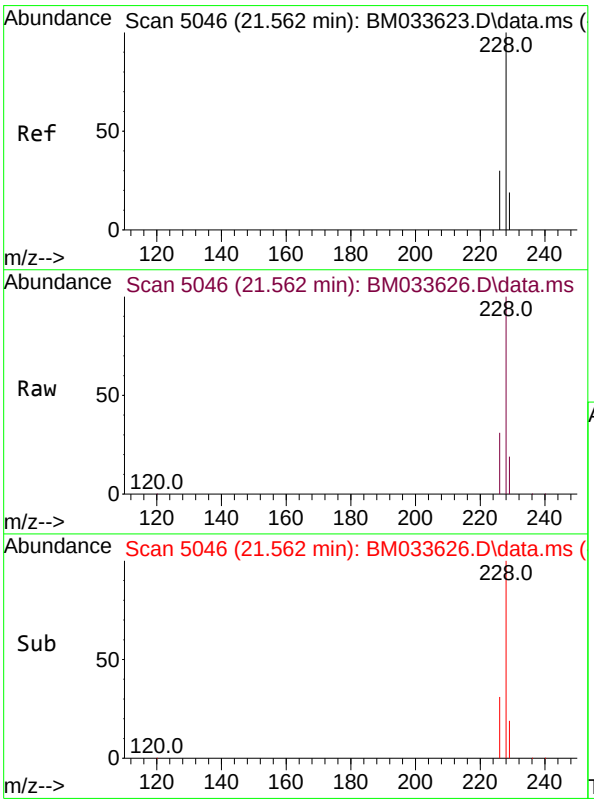
#21
Benzo(a)anthracene
Concen: 4.631 ng/ul
RT: 21.509 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:228 Resp: 103409

Ion	Ratio	Lower	Upper
228	100		
229	19.3	17.3	25.9
226	28.1	23.2	34.8

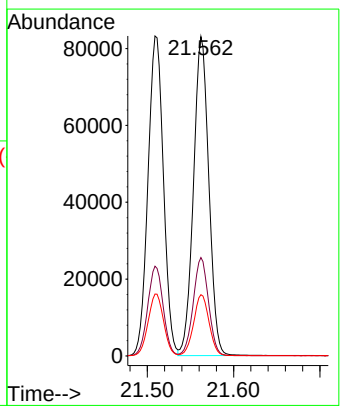


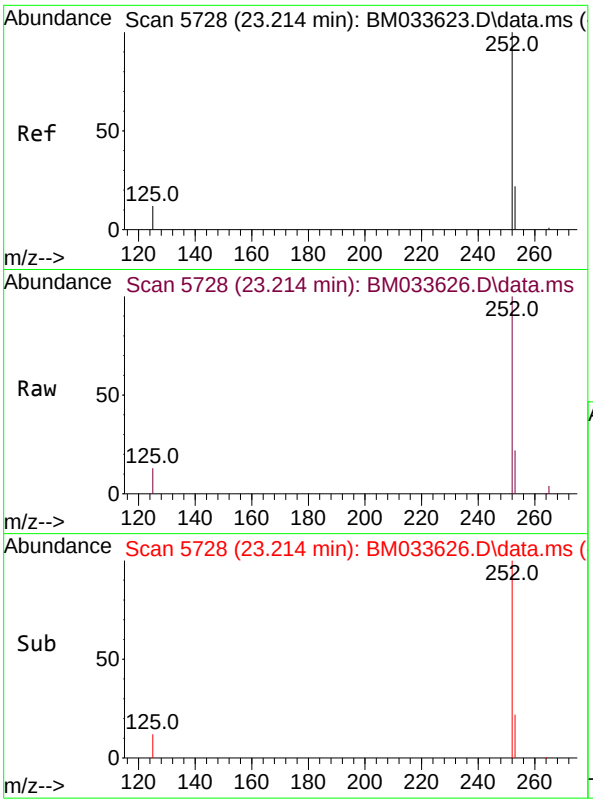


#22
Chrysene
Concen: 4.076 ng/ul
RT: 21.562 min Scan# 5046
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:228 Resp: 102652

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.8	38.8
229	19.2	16.7	25.1



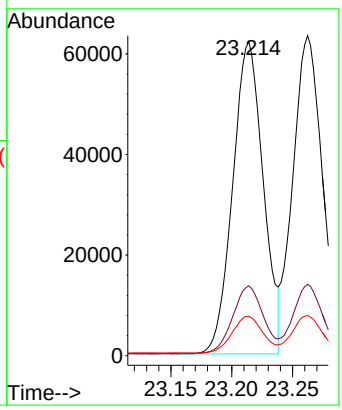


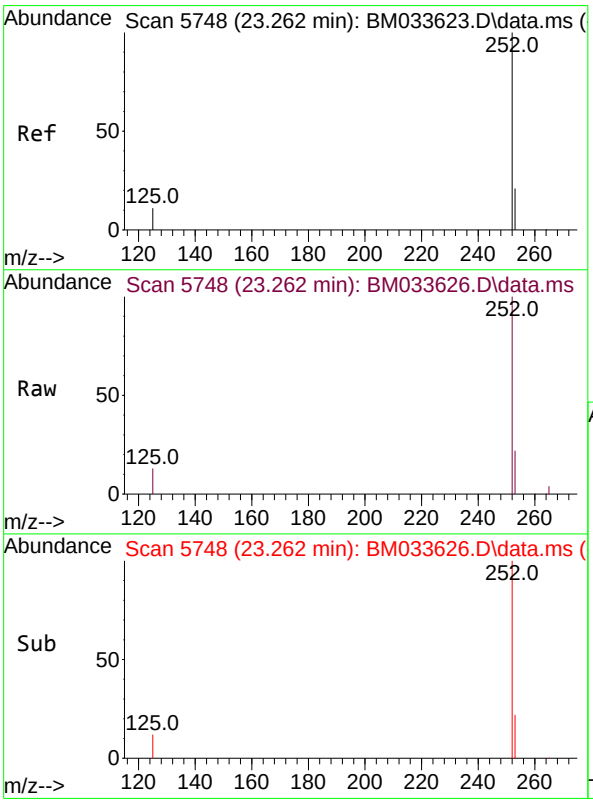
#24
Benzo(b)fluoranthene
Concen: 4.298 ng/ul
RT: 23.214 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:252 Resp: 108041

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	64.2
125	12.5	0.0	28.8

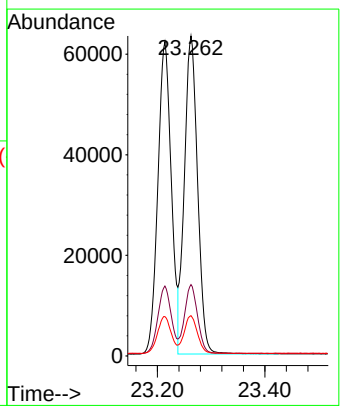


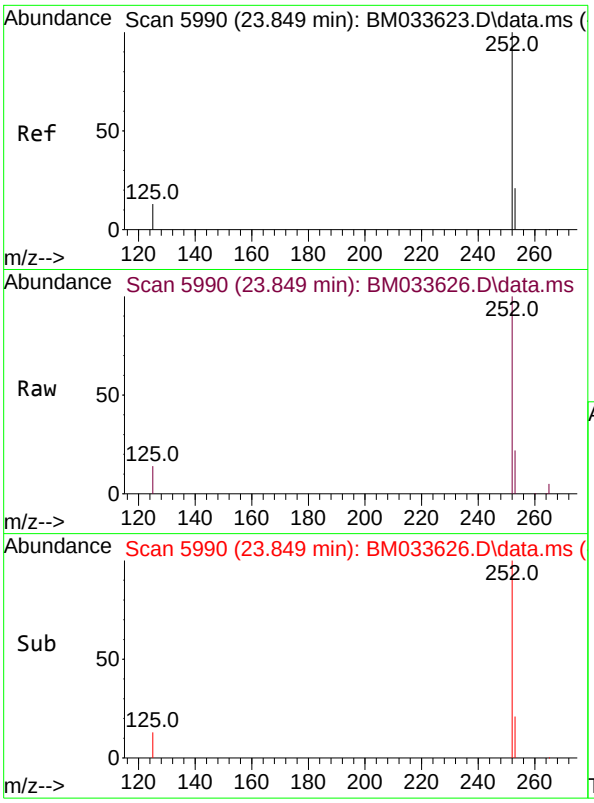


#25
Benzo(k)fluoranthene
Concen: 4.097 ng/ul
RT: 23.262 min Scan# 5748
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:252 Resp: 108081

Ion	Ratio	Lower	Upper
252	100		
253	22.3	26.8	40.2#
125	12.6	12.0	18.0



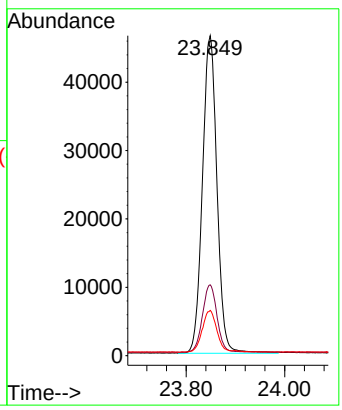


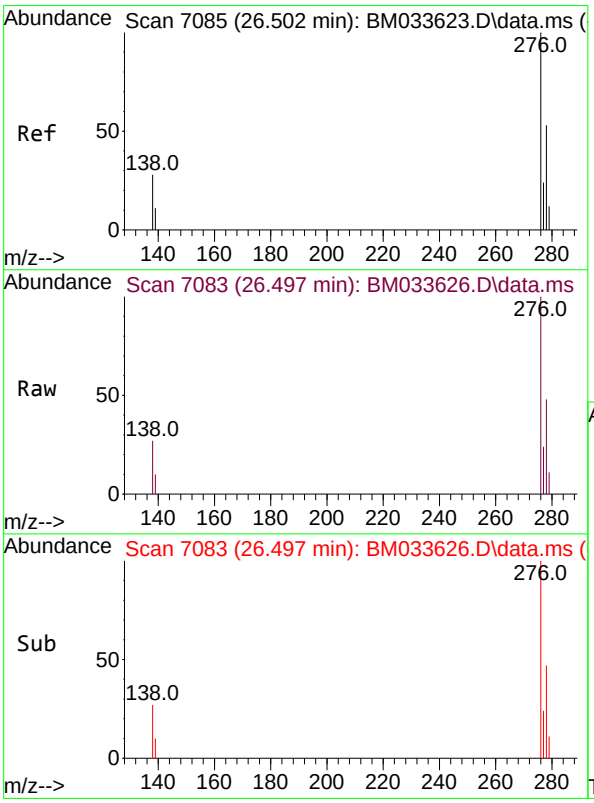
#26
Benzo(a)pyrene
Concen: 4.088 ng/ul
RT: 23.849 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:252 Resp: 95170

Ion	Ratio	Lower	Upper
252	100		
253	22.2	32.0	48.0#
125	14.2	14.5	21.7#

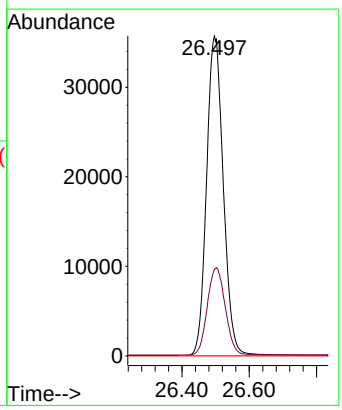


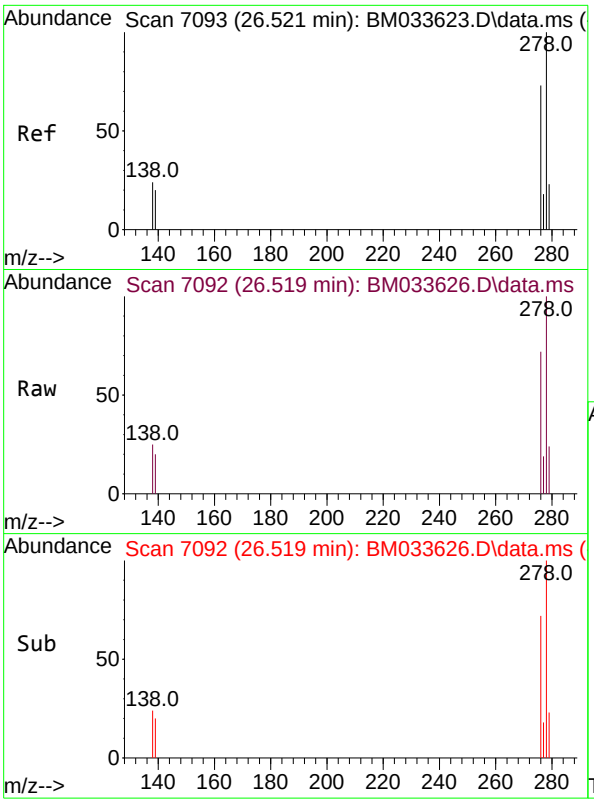


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.816 ng/ul
RT: 26.497 min Scan# 7083
Delta R.T. -0.005 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:276 Resp: 123086

Ion	Ratio	Lower	Upper
276	100		
138	29.2	15.8	23.6#
227	0.0	0.0	0.0



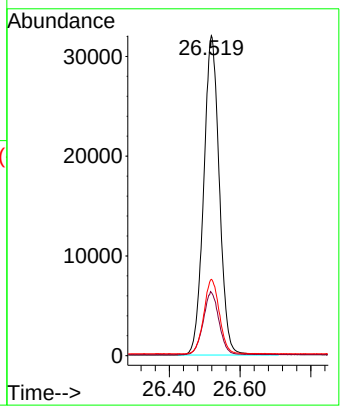


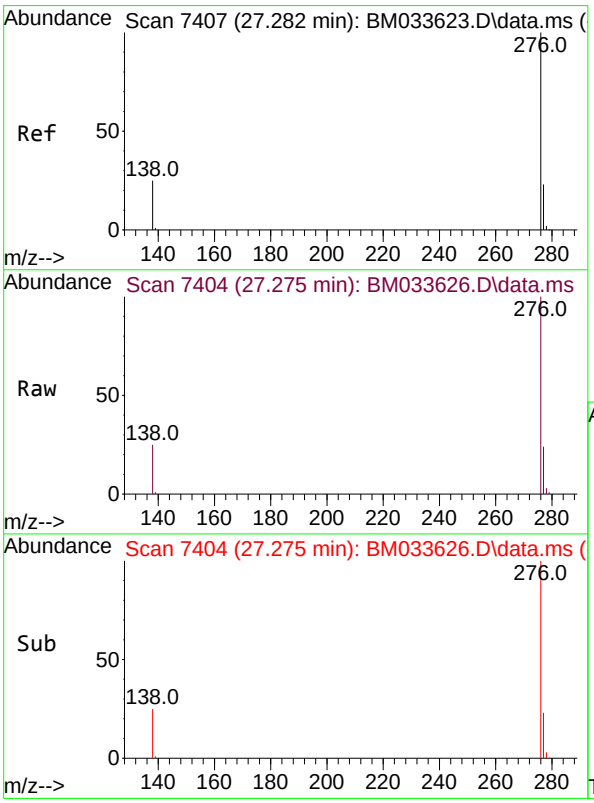
#28
Dibenzo(a,h)anthracene
Concen: 3.798 ng/ul
RT: 26.519 min Scan# 7
Delta R.T. -0.003 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:278 Resp: 98278

Ion	Ratio	Lower	Upper
278	100		
139	19.8	18.0	27.0
279	23.9	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 3.641 ng/ul
RT: 27.275 min Scan# 7404
Delta R.T. -0.007 min
Lab File: BM033626.D
Acq: 04 Jan 2022 15:24

Tgt Ion:276 Resp: 103620

Ion	Ratio	Lower	Upper
276	100		
138	25.3	17.4	26.0
277	23.5	22.6	33.8