Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033440.D
Acq On : 14 Dec 2021 14:36
Operator : CG/JU
Sample : SSTD0.216
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Quant Time: Dec 15 00:39:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 00:38:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.915	152	574	0.40	ng/ul		0.00
4) Naphthalene-d8	10.720	136	1443	0.40	ng/ul	#	0.01
9) Acenaphthene-d10	14.534	164	805	0.40	ng/ul		0.00
13) Phenanthrene-d10	17.288	188	1878	0.40	ng/ul	#	0.00
17) Chrysene-d12	21.439	240	3199	0.40	ng/ul		0.00
23) Perylene-d12	23.752	264	3195	0.40	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.365	96	98	0.17	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.330	152	386	0.20	ng/ul		0.03
18) Fluoranthene-d10	19.296	212	1418	0.17	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	131	0.19	ng/ul	#	67
5) Naphthalene	10.774	128	1076	0.24	ng/ul	#	76
7) 2-Methylnaphthalene	12.398	142	562	0.20	ng/ul		84
8) 1-Methylnaphthalene	12.595	142	604	0.21	ng/ul		96
10) Acenaphthylene	14.265	152	1003	0.24	ng/ul	#	91
11) Acenaphthene	14.598	153	806	0.26	ng/ul		97
12) Fluorene	15.607	166	839	0.23	ng/ul	#	97
14) Pentachlorophenol	16.962	266	132	0.21	ng/ul		92
15) Phenanthrene	17.330	178	1306	0.21	ng/ul	#	87
16) Anthracene	17.441	178	1084	0.19	ng/ul	#	90
19) Fluoranthene	19.326	202	1724	0.14	ng/ul	#	76
20) Pyrene	19.685	202	1915	0.15	ng/ul	#	76
21) Benzo(a)anthracene	21.427	228	1402	0.14	ng/ul		95
22) Chrysene	21.473	228	1875	0.16	ng/ul		97
24) Benzo(b)fluoranthene	23.054	252	1676	0.14	ng/ul		81
25) Benzo(k)fluoranthene	23.100	252	1942	0.15	ng/ul	#	80
26) Benzo(a)pyrene	23.665	252	1575	0.15	ng/ul	#	74
27) Indeno(1,2,3-cd)pyrene	26.138	276	1838	0.13	ng/ul	#	85
28) Dibenzo(a,h)anthracene	26.155	278	1525	0.13	ng/ul	#	78
29) Benzo(g,h,i)perylene	26.853	276	1718	0.14	ng/ul	#	86

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

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Instrument :
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Quant Time: Dec 15 00:39:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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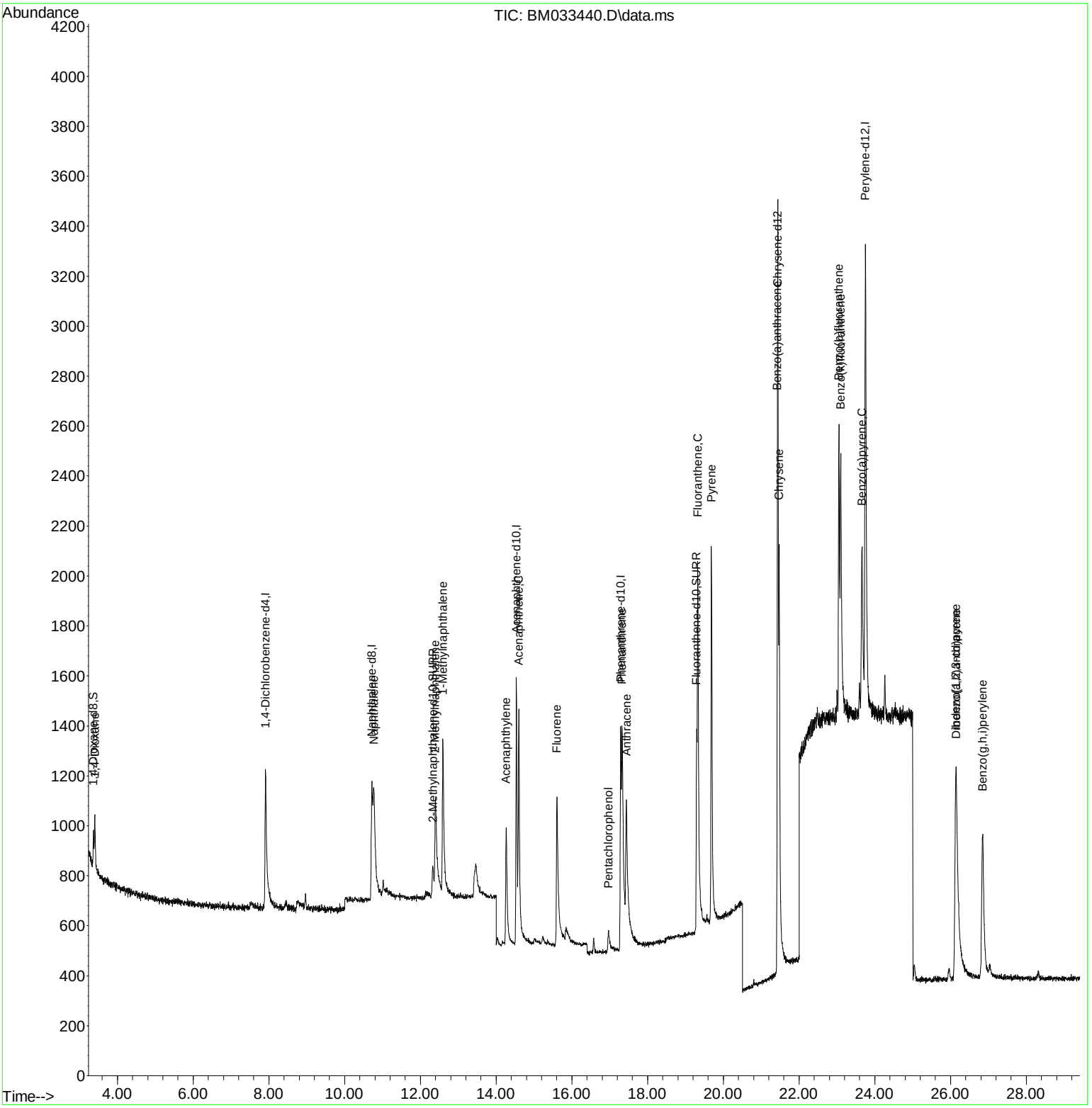
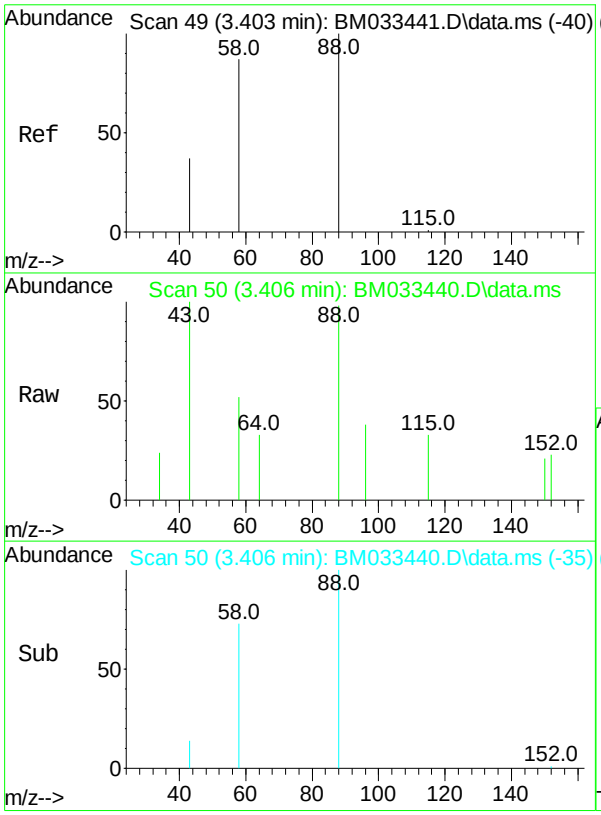


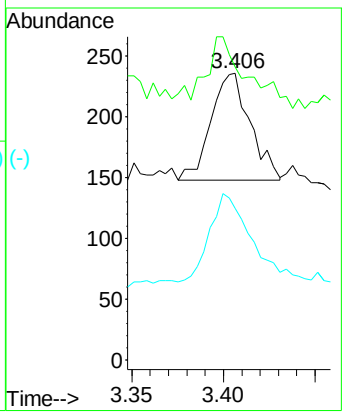


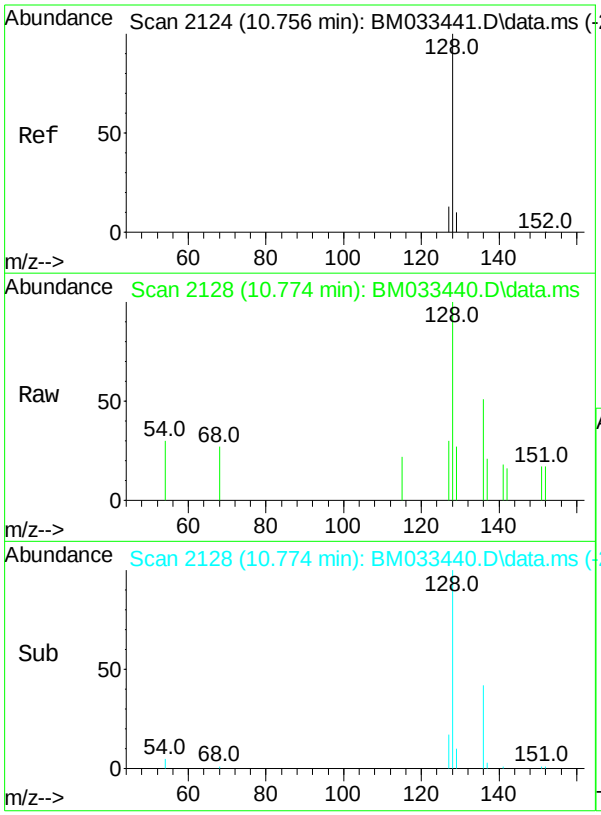
#2
1,4-Dioxane
Concen: 0.19 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
43	102.1	49.7	74.5#
58	53.0	52.5	78.7

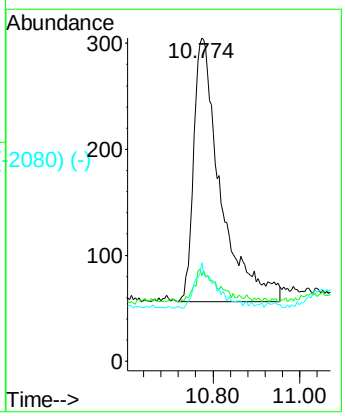


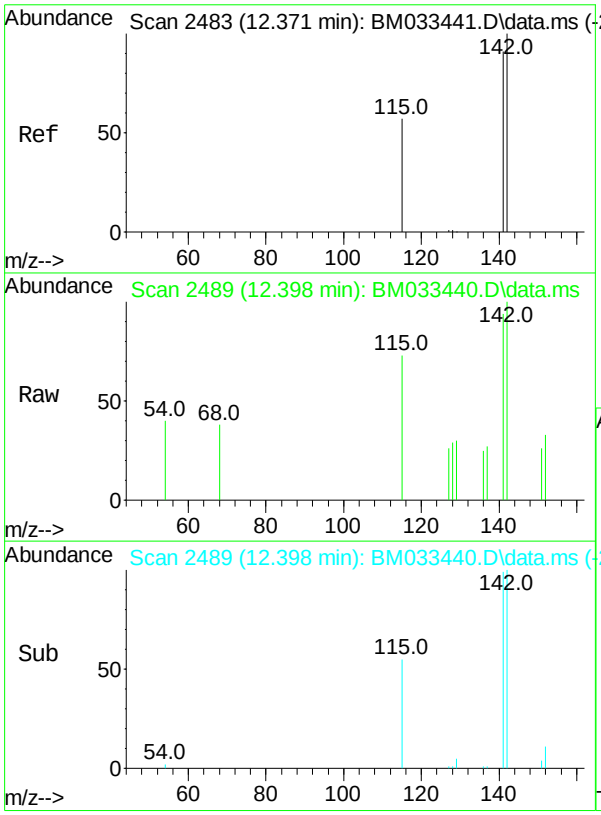


#5
Naphthalene
Concen: 0.24 ng/ul
RT: 10.774 min Scan# 2128
Delta R.T. 0.018 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:128 Resp: 1076

Ion	Ratio	Lower	Upper
128	100		
129	26.6	13.4	20.2#
127	30.5	15.2	22.8#



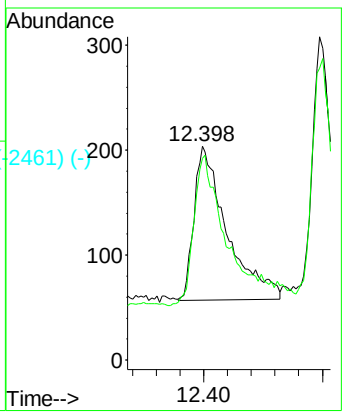


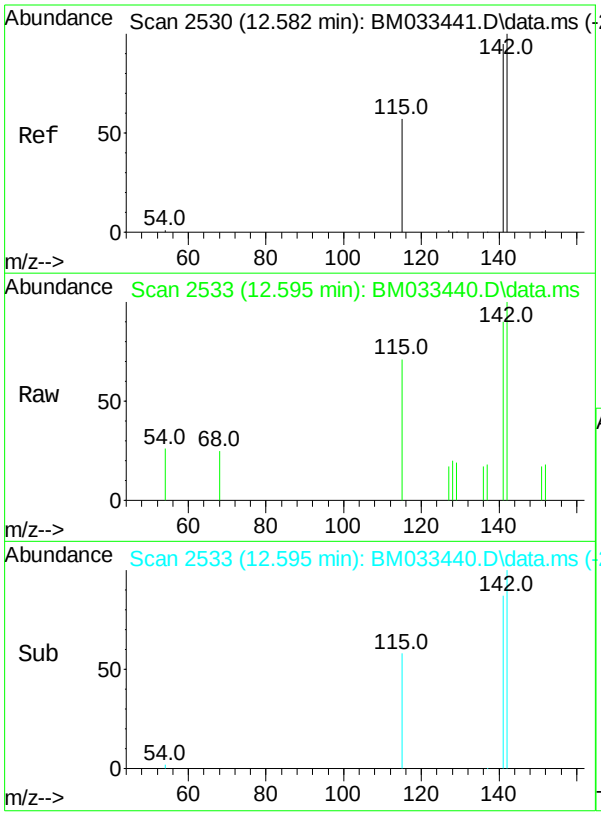
#7
2-Methylnaphthalene
Concen: 0.20 ng/ul
RT: 12.398 min Scan# 2
Delta R.T. 0.027 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:142 Resp: 562

Ion	Ratio	Lower	Upper
142	100		
141	105.0	71.8	107.6

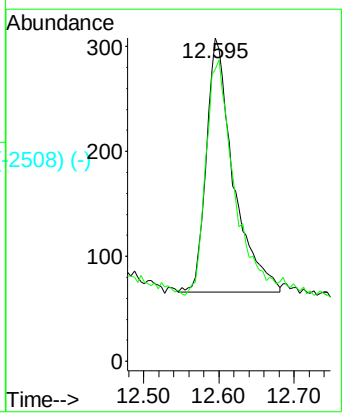


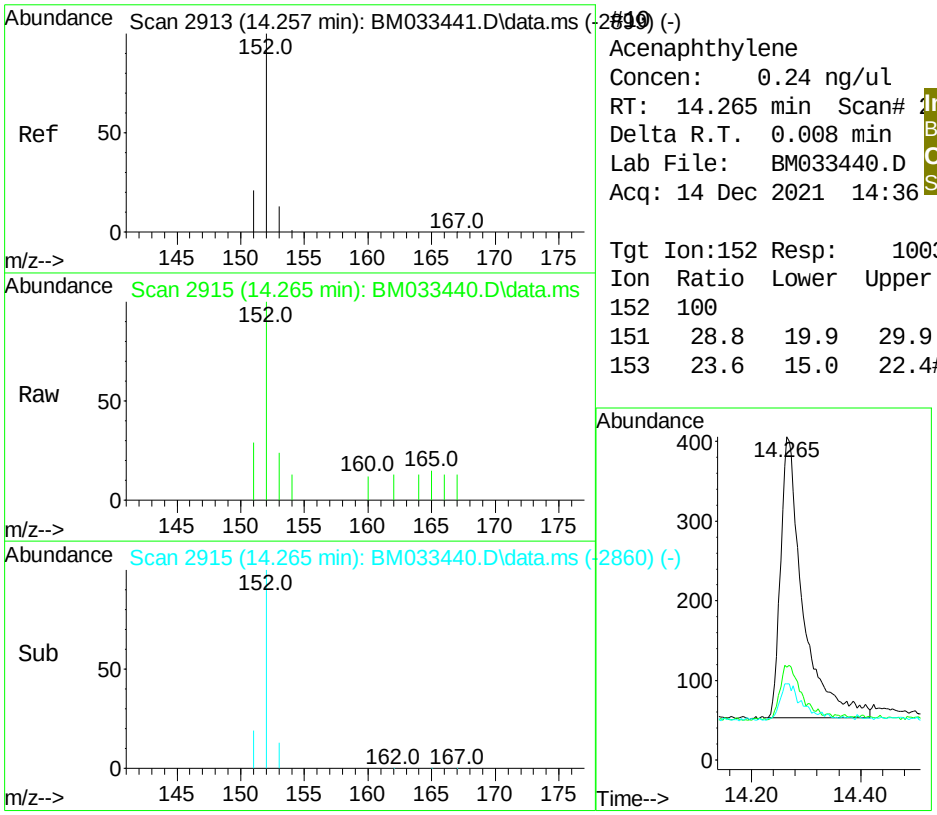


#8
1-Methylnaphthalene
Concen: 0.21 ng/ul
RT: 12.595 min Scan# 2533
Delta R.T. 0.014 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:142 Resp: 604

Ion	Ratio	Lower	Upper
142	100		
141	97.2	75.0	112.4



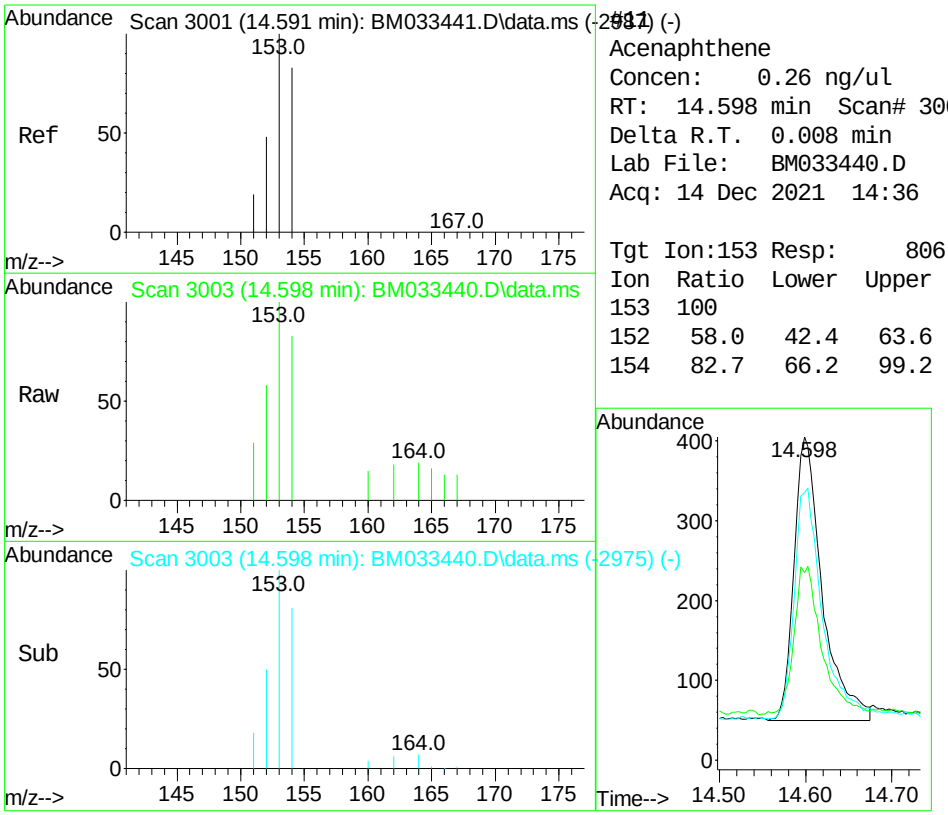


#10
Acenaphthylene
Concen: 0.24 ng/ul
RT: 14.265 min Scan# 2
Delta R.T. 0.008 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:152 Resp: 1003

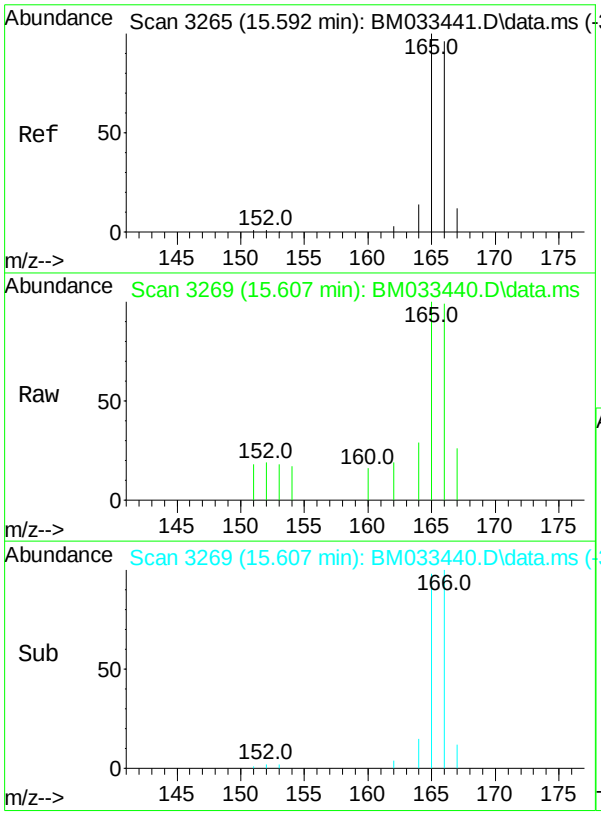
Ion	Ratio	Lower	Upper
152	100		
151	28.8	19.9	29.9
153	23.6	15.0	22.4#



#11
Acenaphthene
Concen: 0.26 ng/ul
RT: 14.598 min Scan# 3003
Delta R.T. 0.008 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:153 Resp: 806

Ion	Ratio	Lower	Upper
153	100		
152	58.0	42.4	63.6
154	82.7	66.2	99.2

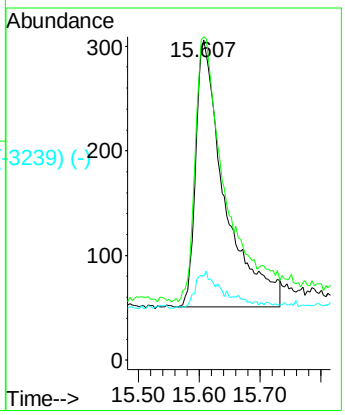


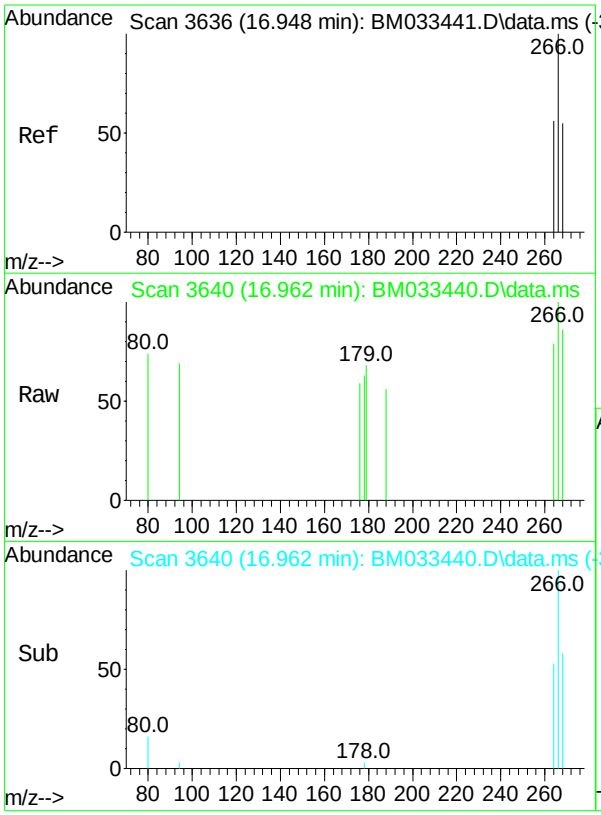
#12
Fluorene
Concen: 0.23 ng/ul
RT: 15.607 min Scan# 1
Delta R.T. 0.015 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:166 Resp: 839

Ion	Ratio	Lower	Upper
166	100		
165	101.0	81.1	121.7
167	26.1	14.9	22.3#

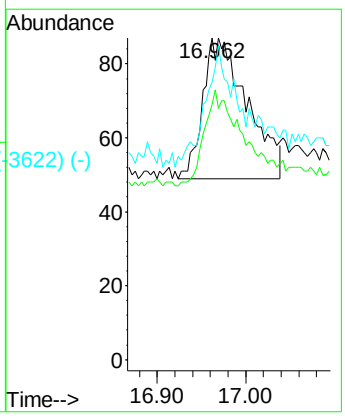


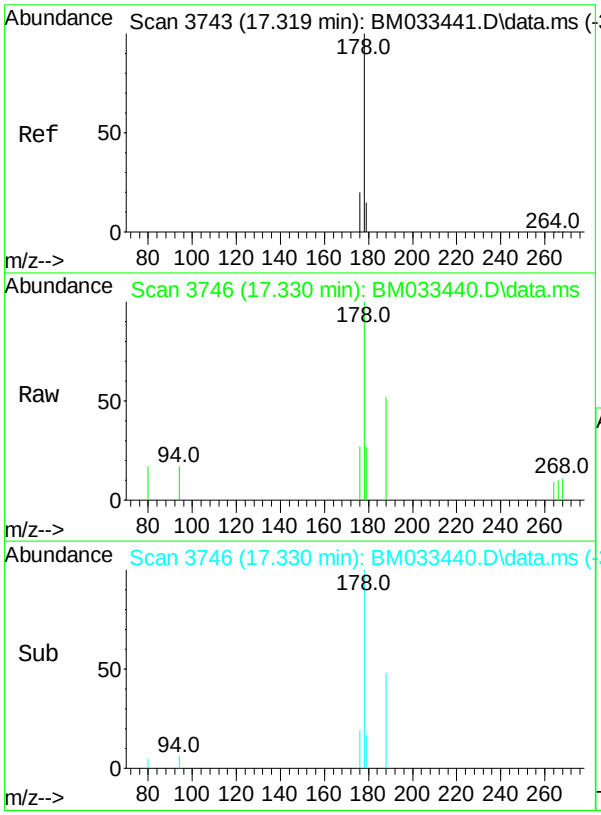


#14
Pentachlorophenol
Concen: 0.21 ng/ul
RT: 16.962 min Scan# 3640
Delta R.T. 0.014 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:266 Resp: 132

Ion	Ratio	Lower	Upper
266	100		
264	61.4	51.4	77.0
268	76.5	53.1	79.7



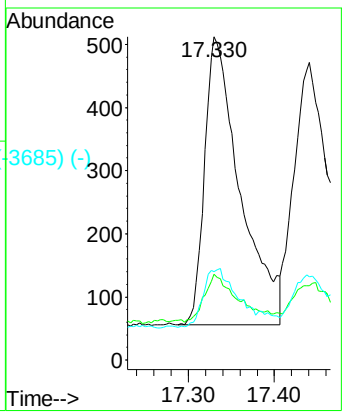


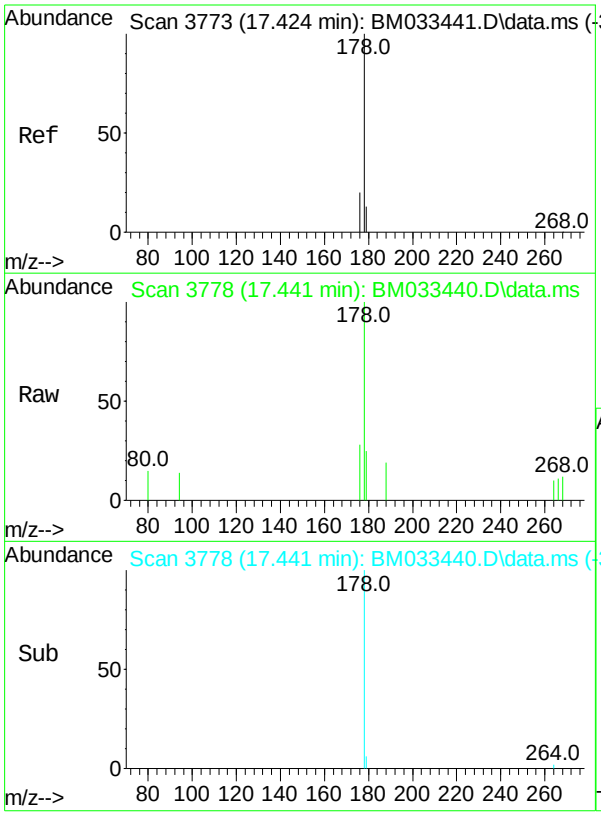
#15
Phenanthrene
Concen: 0.21 ng/ul
RT: 17.330 min Scan# 1
Delta R.T. 0.010 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:178 Resp: 1306

Ion	Ratio	Lower	Upper
178	100		
179	26.6	15.0	22.6#
176	27.3	17.9	26.9#

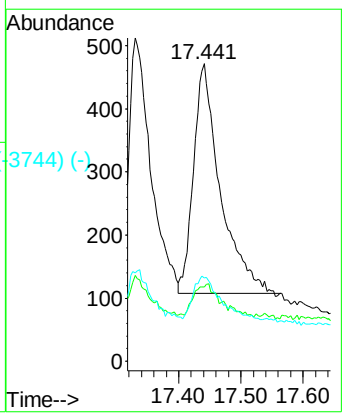


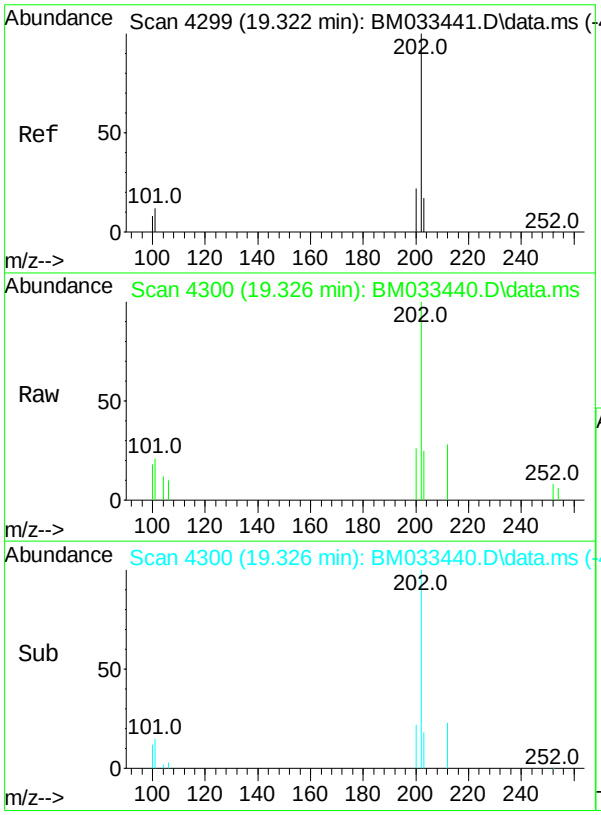


#16
Anthracene
Concen: 0.19 ng/ul
RT: 17.441 min Scan# 3778
Delta R.T. 0.017 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:178 Resp: 1084

Ion	Ratio	Lower	Upper
178	100		
179	25.1	16.5	24.7#
176	28.0	18.3	27.5#



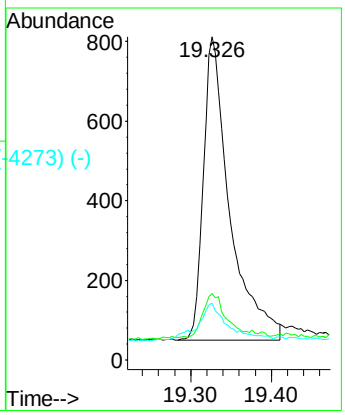


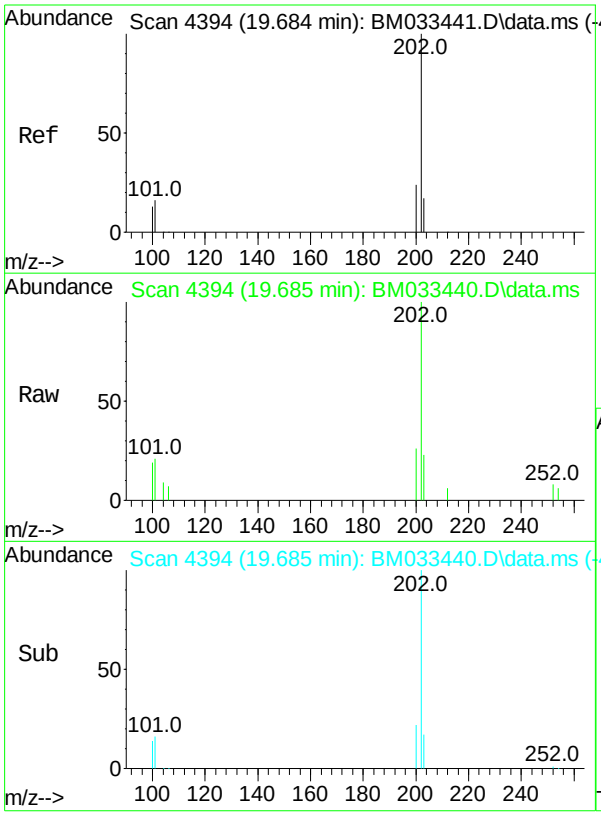
#19
Fluoranthene
Concen: 0.14 ng/ul
RT: 19.326 min Scan# 4
Delta R.T. 0.004 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:202 Resp: 1724

Ion	Ratio	Lower	Upper
202	100		
101	20.6	9.2	13.8#
100	17.6	7.2	10.8#

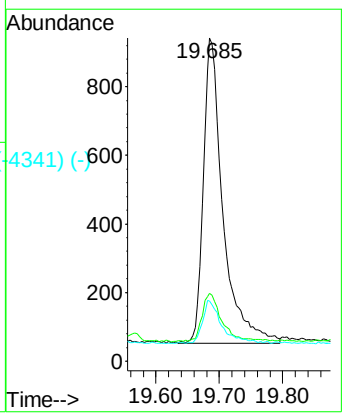


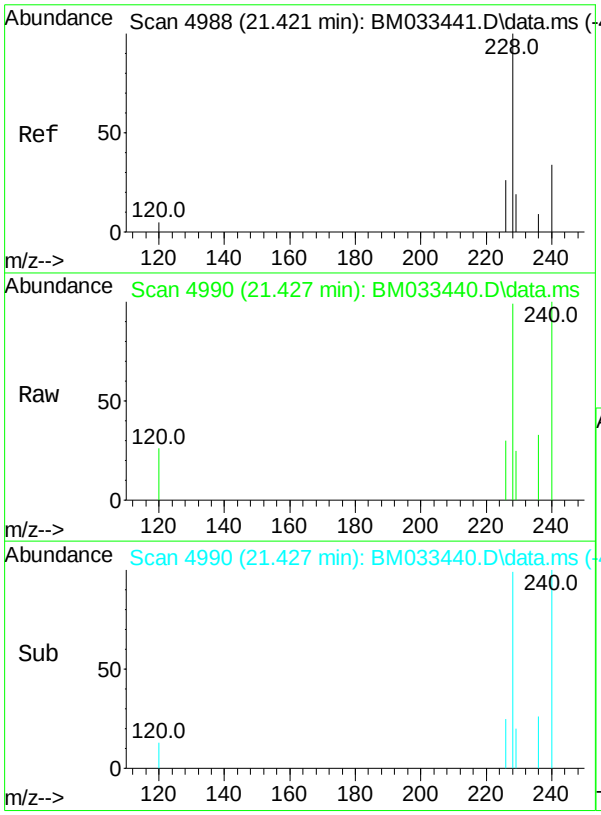


#20
Pyrene
Concen: 0.15 ng/ul
RT: 19.685 min Scan# 4394
Delta R.T. 0.000 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:202 Resp: 1915

Ion	Ratio	Lower	Upper
202	100		
101	21.0	9.3	13.9#
100	18.6	7.8	11.6#



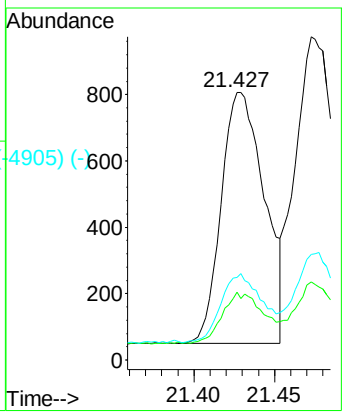


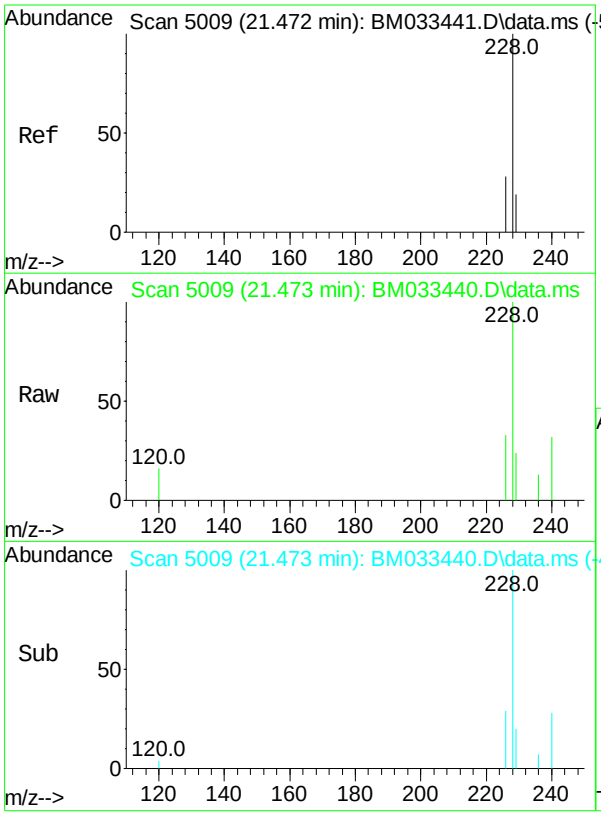
#21
Benzo(a)anthracene
Concen: 0.14 ng/ul
RT: 21.427 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:228 Resp: 1402

Ion	Ratio	Lower	Upper
228	100		
229	25.4	17.3	25.9
226	30.7	23.2	34.8

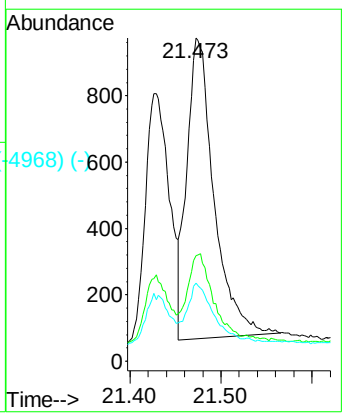


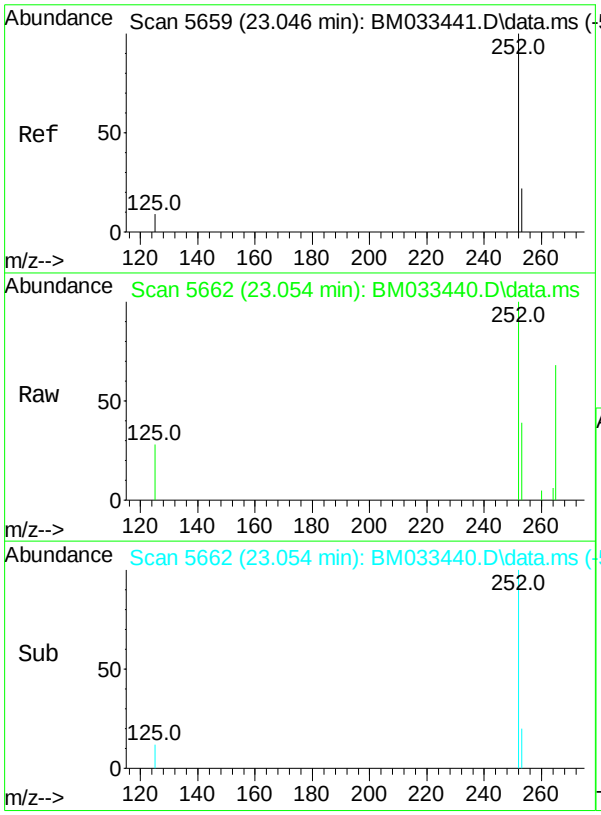


#22
Chrysene
Concen: 0.16 ng/ul
RT: 21.473 min Scan# 5009
Delta R.T. 0.000 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:228 Resp: 1875

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.8	38.8
229	24.1	16.7	25.1



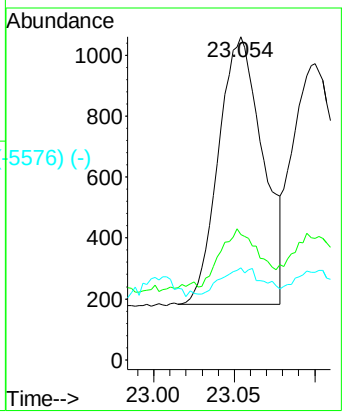


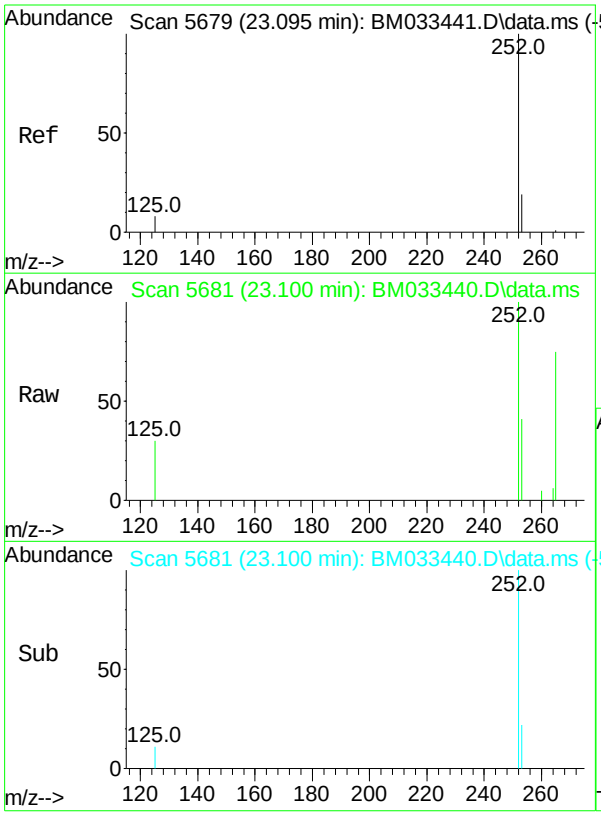
#24
Benzo(b)fluoranthene
Concen: 0.14 ng/ul
RT: 23.054 min Scan# 5
Delta R.T. 0.008 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:252 Resp: 1676

Ion	Ratio	Lower	Upper
252	100		
253	38.8	0.0	64.2
125	28.4	0.0	28.8

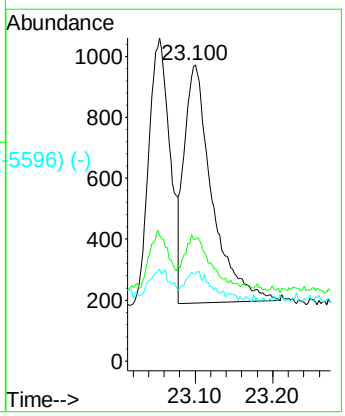


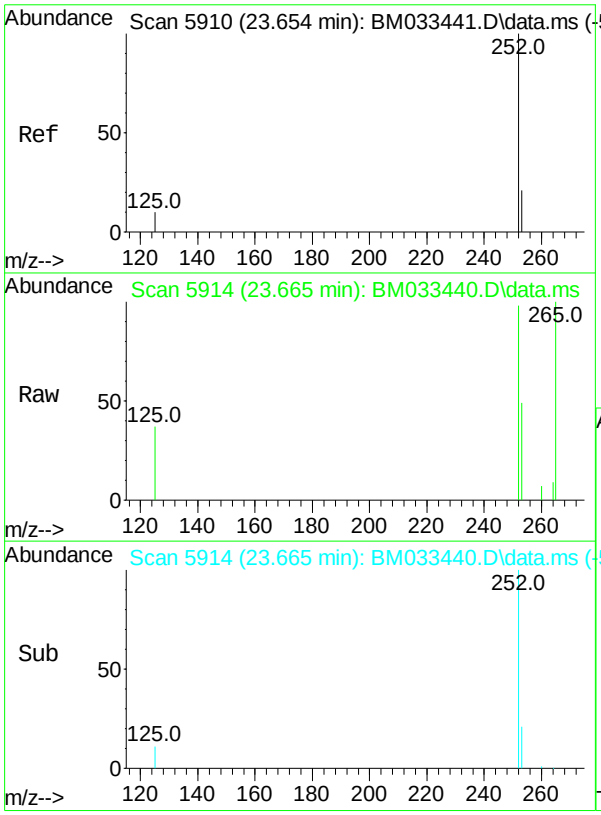


#25
Benzo(k)fluoranthene
Concen: 0.15 ng/ul
RT: 23.100 min Scan# 5681
Delta R.T. 0.005 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:252 Resp: 1942

Ion	Ratio	Lower	Upper
252	100		
253	40.9	26.8	40.2#
125	29.5	12.0	18.0#



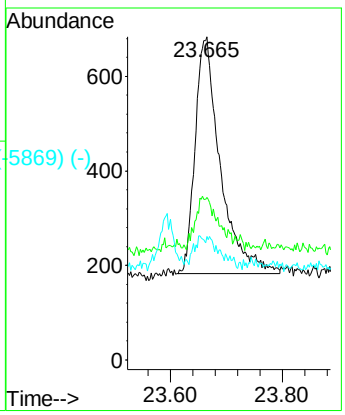


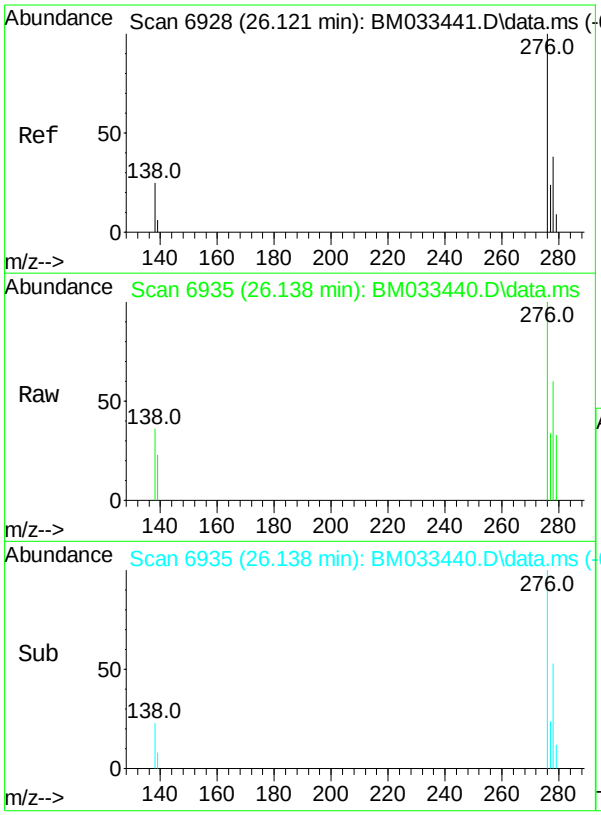
#26
Benzo(a)pyrene
Concen: 0.15 ng/ul
RT: 23.665 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:252 Resp: 1575

Ion	Ratio	Lower	Upper
252	100		
253	50.3	32.0	48.0#
125	38.2	14.5	21.7#

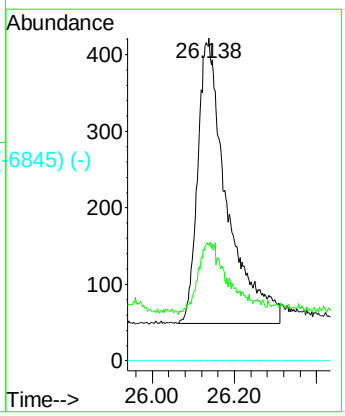


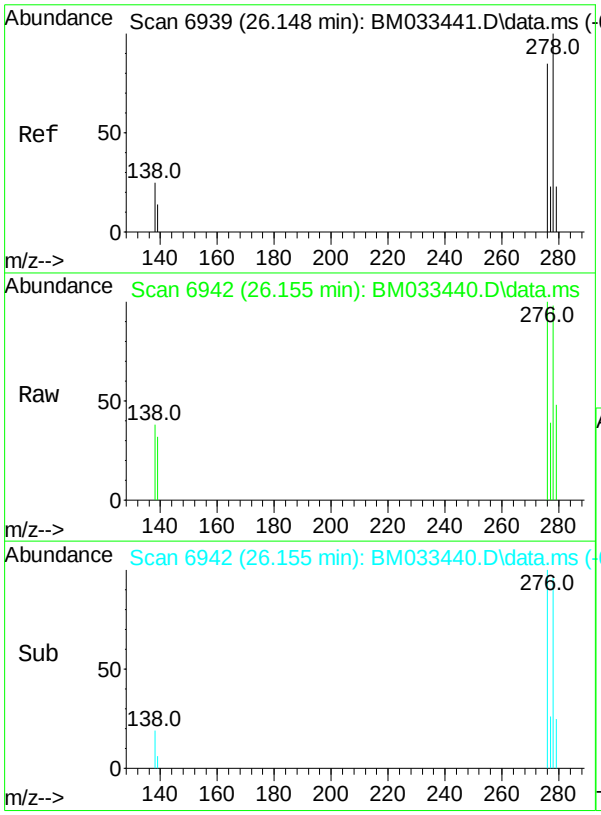


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul
RT: 26.138 min Scan# 6935
Delta R.T. 0.017 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:276 Resp: 1838

Ion	Ratio	Lower	Upper
276	100		
138	26.7	15.8	23.6#
227	0.0	0.0	0.0



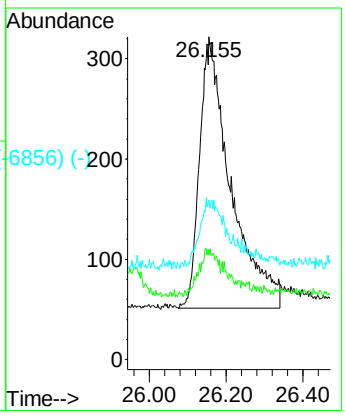


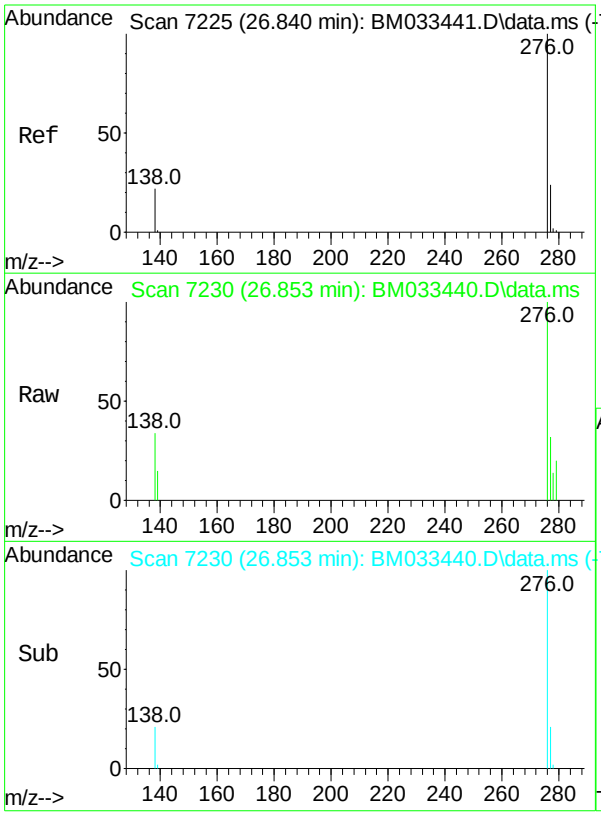
#28
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 26.155 min Scan# 6
Delta R.T. 0.008 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:278 Resp: 1525

Ion	Ratio	Lower	Upper
278	100		
139	32.3	18.0	27.0#
279	49.4	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.853 min Scan# 7230
Delta R.T. 0.012 min
Lab File: BM033440.D
Acq: 14 Dec 2021 14:36

Tgt Ion:276 Resp: 1718

Ion	Ratio	Lower	Upper
276	100		
138	33.6	17.4	26.0#
277	31.5	22.6	33.8