Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033171.D
Acq On : 19 Nov 2021 12:04
Operator : CG/JU
Sample : SSTD0.156
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 19 15:05:12 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	7.967	152	2465	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	6413	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	3562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	7397	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	5846	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	4947	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	274	0.087	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	916	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	1787	0.101	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	286	0.088	ng/ul#	58
5) Naphthalene	10.813	128	2112	0.113	ng/ul#	93
7) 2-Methylnaphthalene	12.414	142	1319	0.102	ng/ul	98
8) 1-Methylnaphthalene	12.635	142	1293	0.102	ng/ul	100
10) Acenaphthylene	14.306	152	1708	0.110	ng/ul#	92
11) Acenaphthene	14.647	153	1422	0.105	ng/ul	97
12) Fluorene	15.629	166	1561	0.098	ng/ul#	98
14) Pentachlorophenol	16.962	266	290	0.150	ng/ul	95
15) Phenanthrene	17.361	178	3553	0.145	ng/ul	97
16) Anthracene	17.451	178	2313	0.107	ng/ul#	87
19) Fluoranthene	19.364	202	3661	0.134	ng/ul	96
20) Pyrene	19.722	202	3610	0.127	ng/ul	98
21) Benzo(a)anthracene	21.457	228	2398	0.111	ng/ul	97
22) Chrysene	21.508	228	2795	0.115	ng/ul	97
24) Benzo(b)fluoranthene	23.102	252	2556	0.113	ng/ul#	49
25) Benzo(k)fluoranthene	23.150	252	2430	0.100	ng/ul#	55
26) Benzo(a)pyrene	23.712	252	2002	0.107	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.208	276	2438	0.113	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.222	278	1987	0.117	ng/ul#	70
29) Benzo(g,h,i)perylene	26.944	276	2298	0.123	ng/ul#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033171.D
Acq On : 19 Nov 2021 12:04
Operator : CG/JU
Sample : SSTD0.156
Misc :
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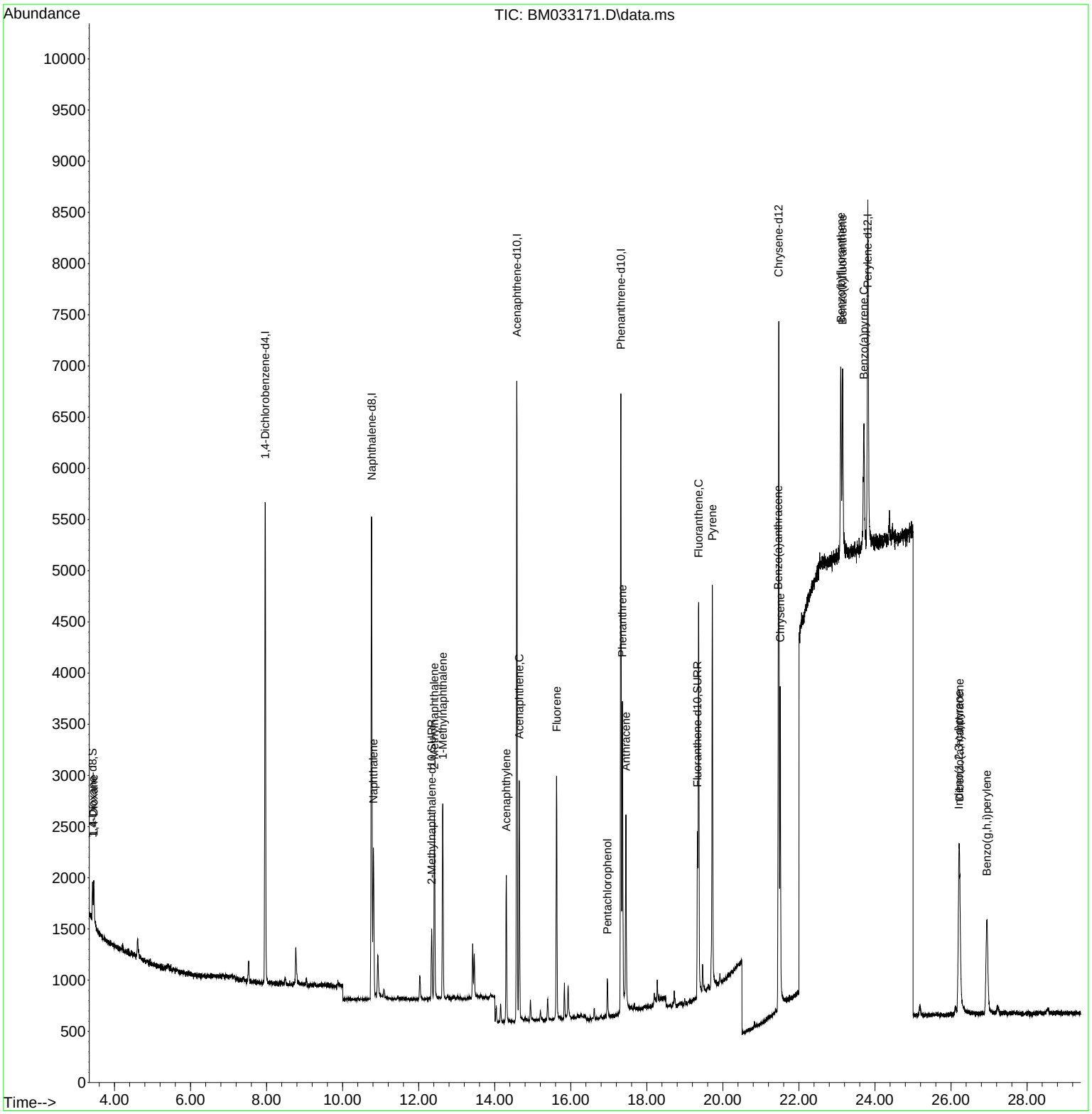
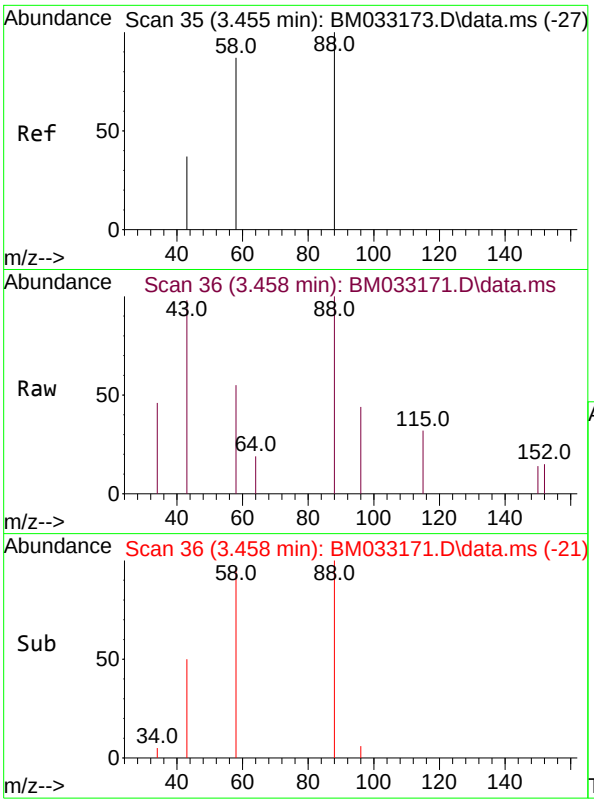
Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 19 15:05:12 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



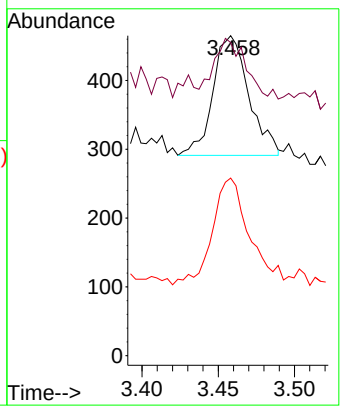


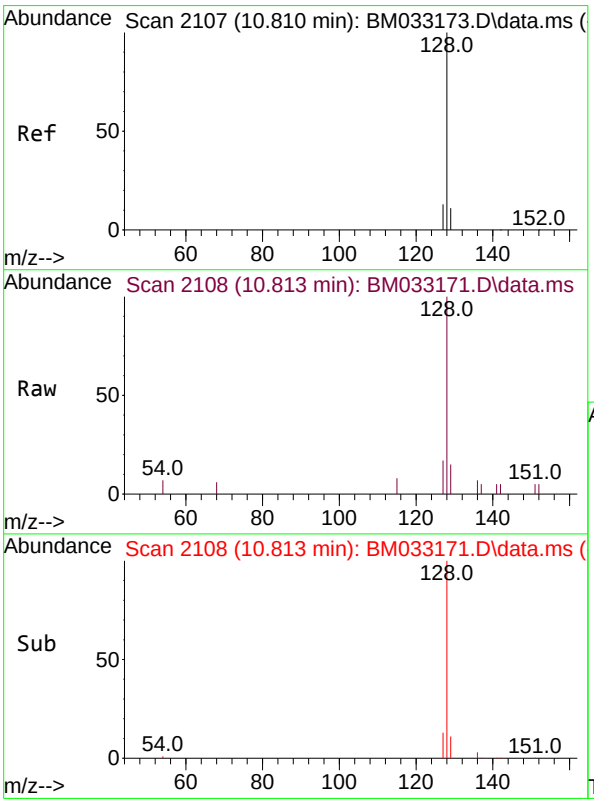
#2
1,4-Dioxane
Concen: 0.088 ng/ul
RT: 3.458 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 286

Ion	Ratio	Lower	Upper
88	100		
43	97.8	35.8	53.8#
58	55.5	55.8	83.8#

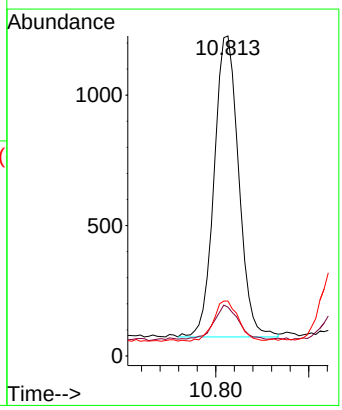


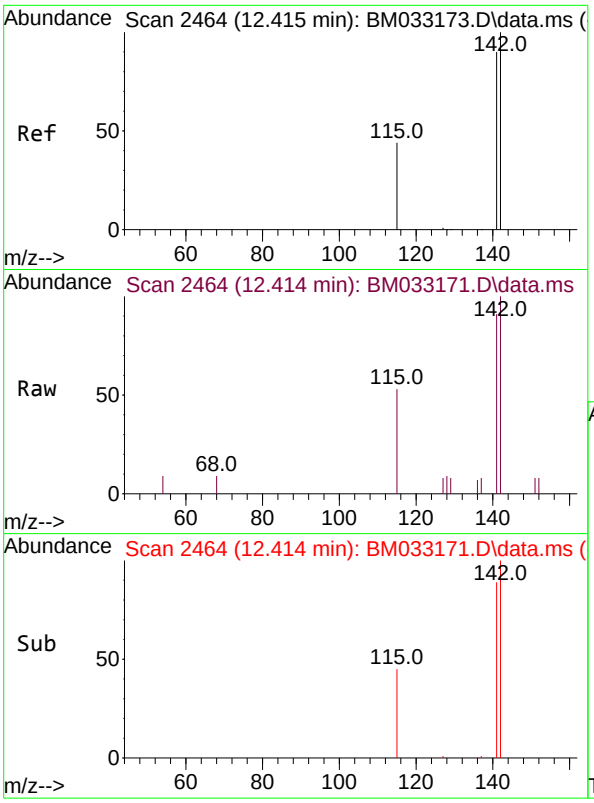


#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.813 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:128 Resp: 2112

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.8	14.6#
127	17.1	11.8	17.8



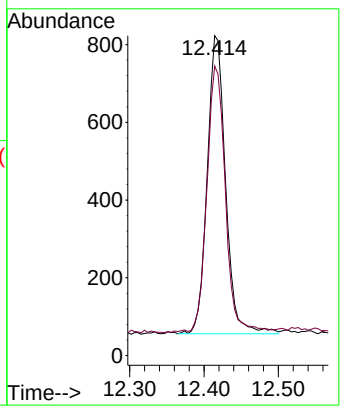


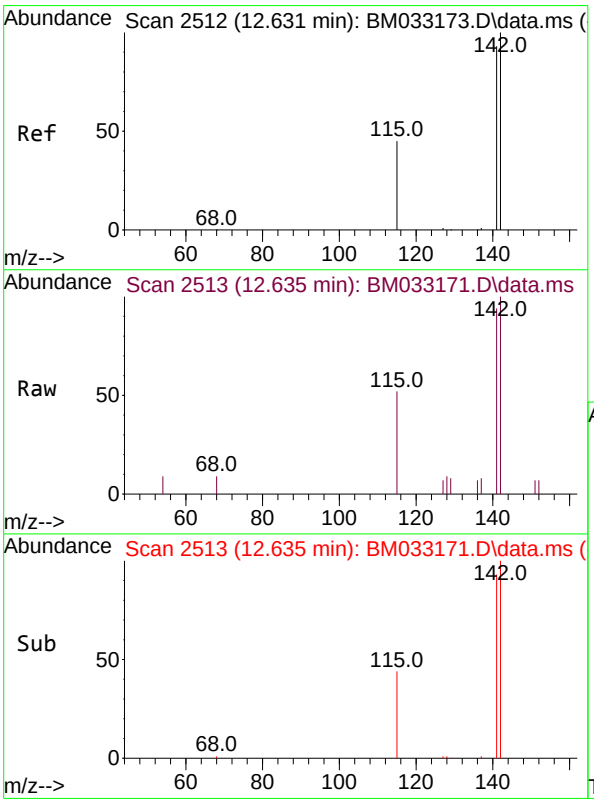
#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.414 min Scan# 24
Delta R.T. -0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1319

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.3	109.9

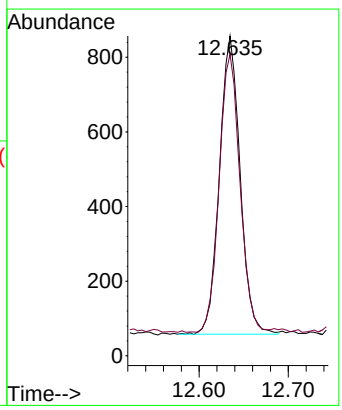


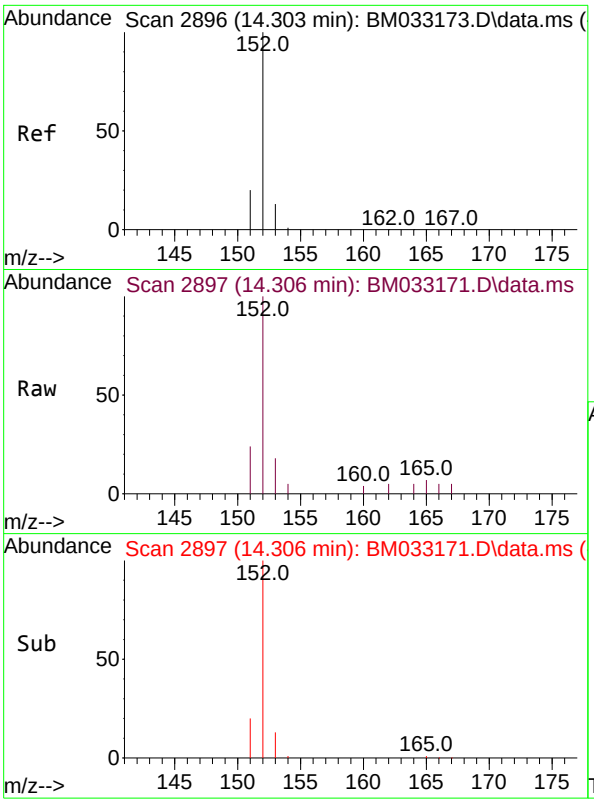


#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.635 min Scan# 2513
Delta R.T. 0.004 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:142 Resp: 1293

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.5	111.7



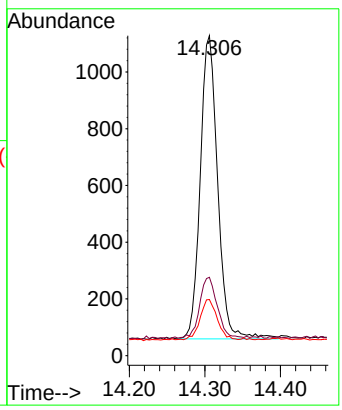


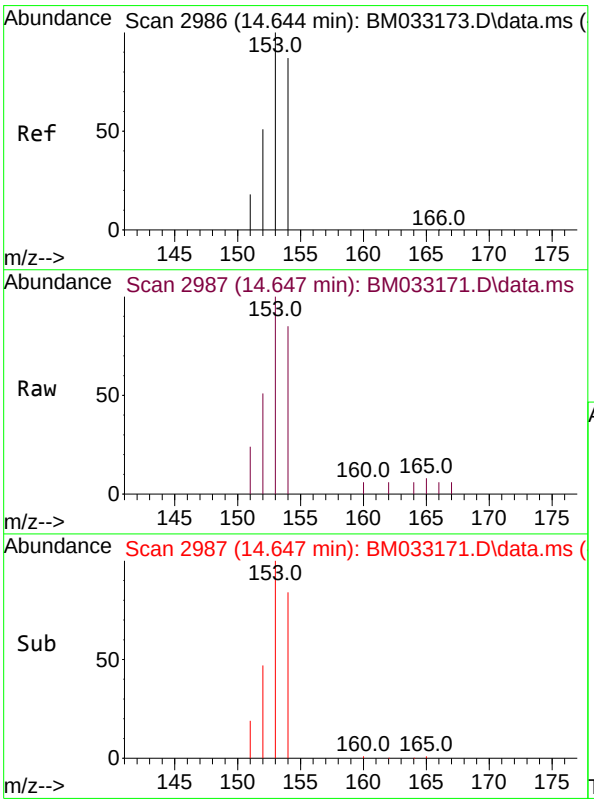
#10
Acenaphthylene
Concen: 0.110 ng/ul
RT: 14.306 min Scan# 2
Delta R.T. 0.003 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1708

Ion	Ratio	Lower	Upper
152	100		
151	24.5	16.7	25.1
153	17.6	0.0	0.0#

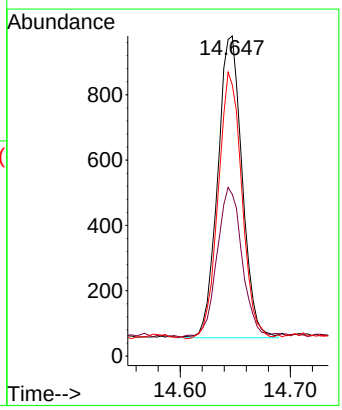


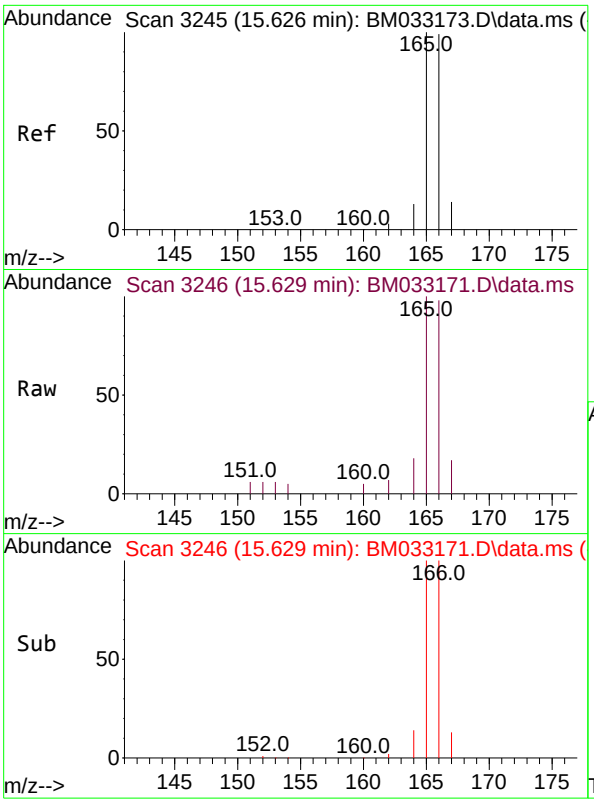


#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.647 min Scan# 2987
Delta R.T. 0.003 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:153 Resp: 1422

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.6	60.8
154	84.7	70.8	106.2



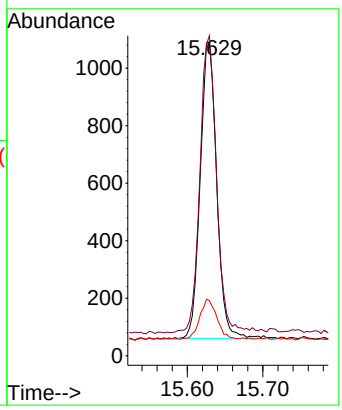


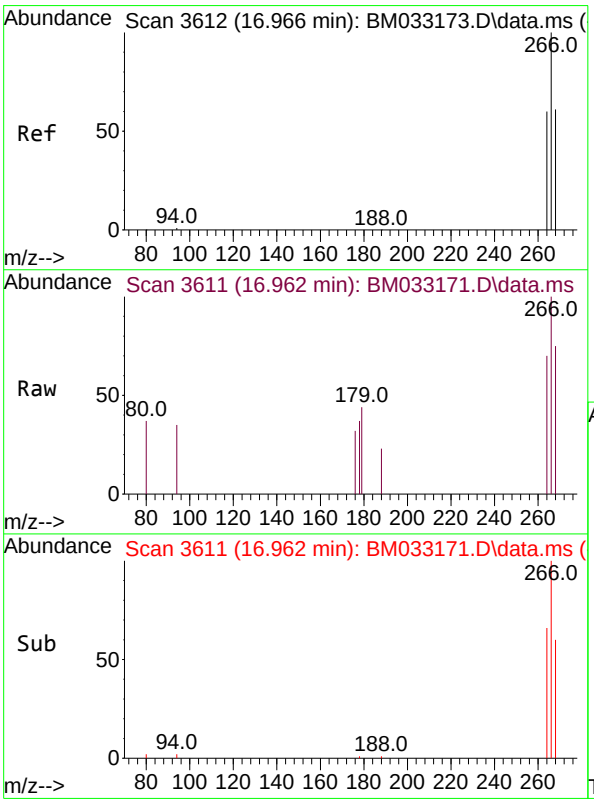
#12
Fluorene
Concen: 0.098 ng/ul
RT: 15.629 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1561

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.8	121.2
167	17.6	11.7	17.5#

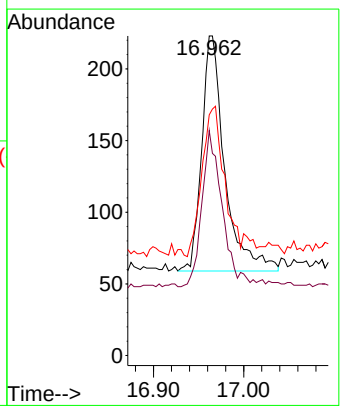


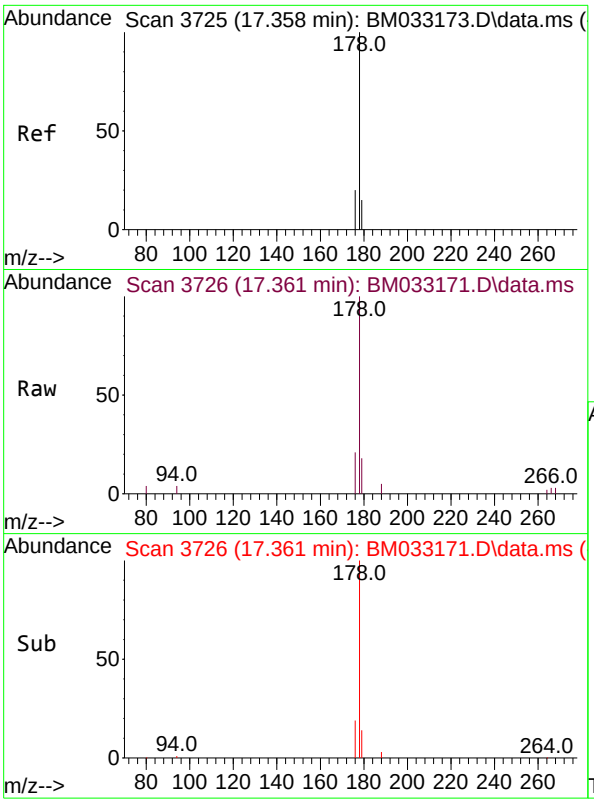


#14
Pentachlorophenol
Concen: 0.150 ng/ul
RT: 16.962 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:266 Resp: 290

Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.2	76.8
268	61.7	52.9	79.3



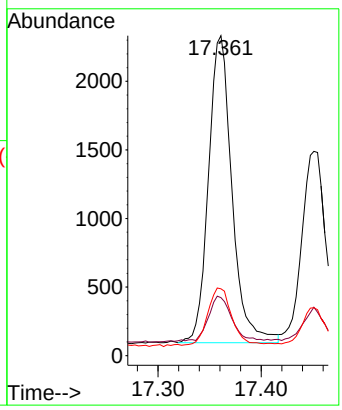


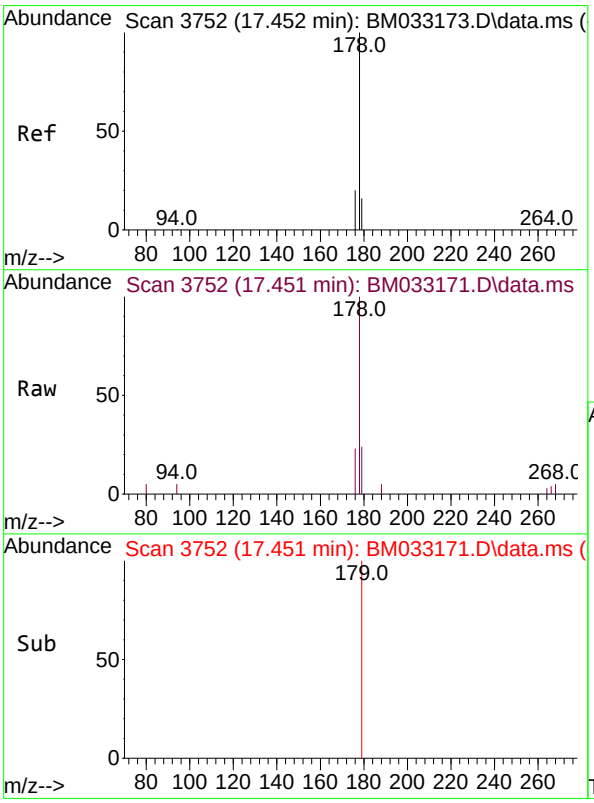
#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.361 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3553

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.9	19.3
176	20.9	16.0	24.0

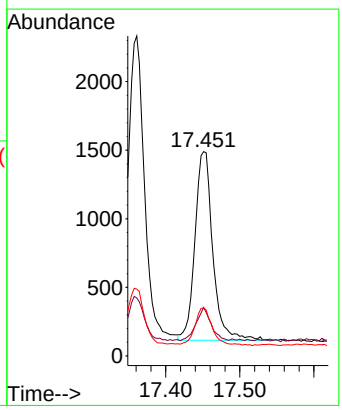


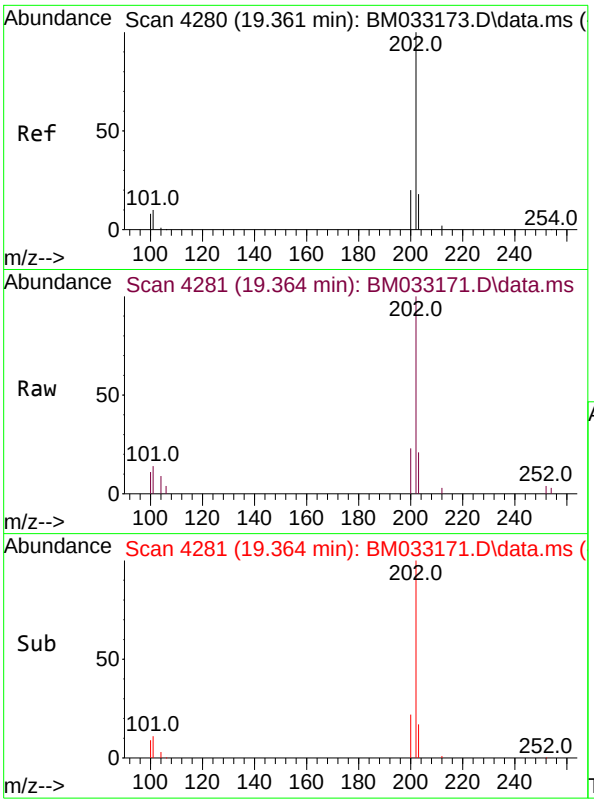


#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.451 min Scan# 3752
Delta R.T. -0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:178 Resp: 2313

Ion	Ratio	Lower	Upper
178	100		
179	23.7	13.0	19.6#
176	23.5	15.6	23.4#



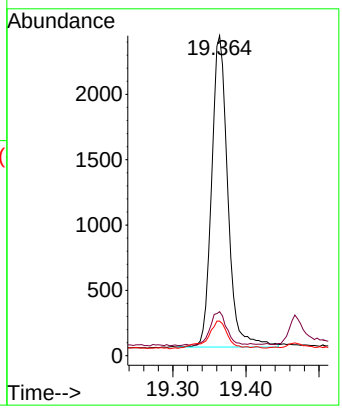


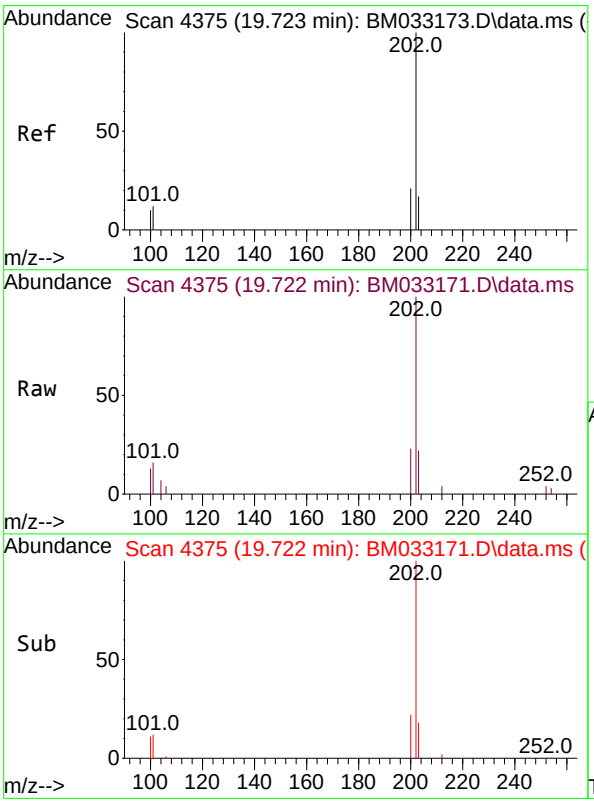
#19
Fluoranthene
Concen: 0.134 ng/ul
RT: 19.364 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3661

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.9	14.9
100	10.8	7.3	10.9

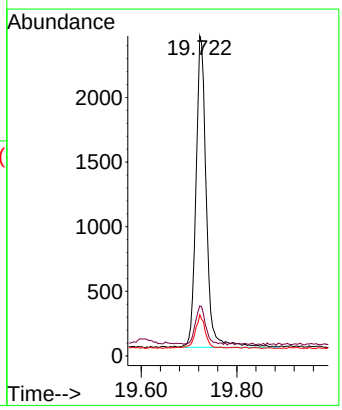


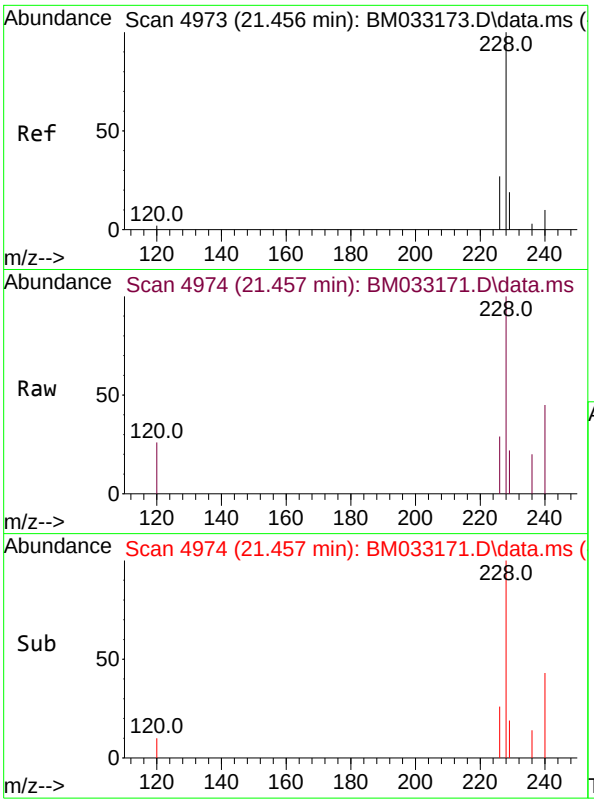


#20
Pyrene
Concen: 0.127 ng/ul
RT: 19.722 min Scan# 4375
Delta R.T. -0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:202 Resp: 3610

Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.8	17.6
100	12.9	9.5	14.3



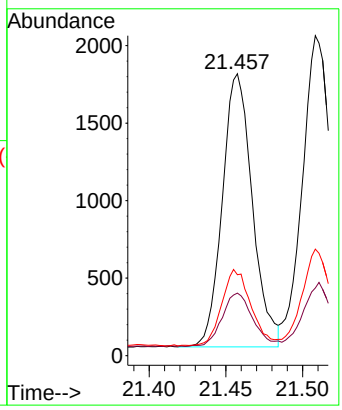


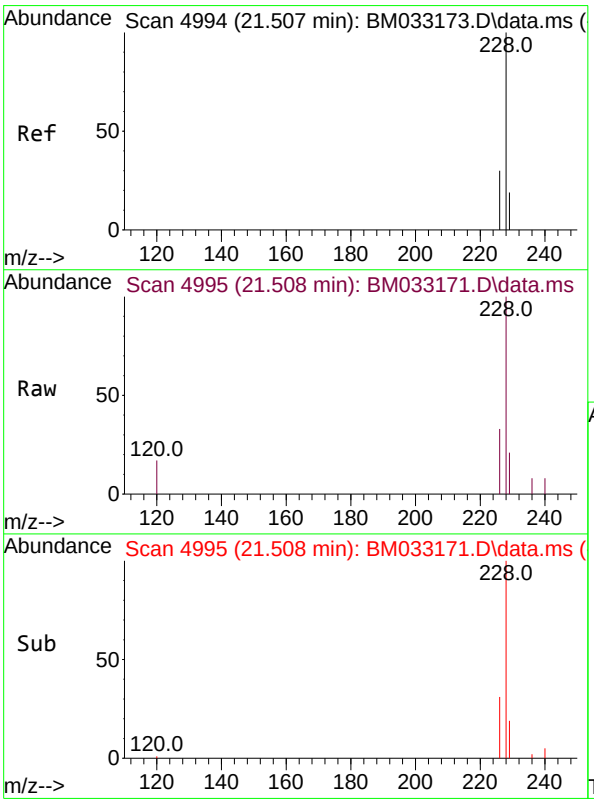
#21
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.457 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2398

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	28.7	22.4	33.6

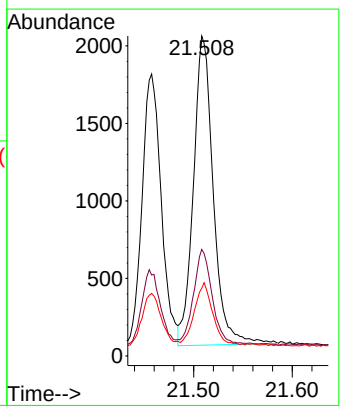


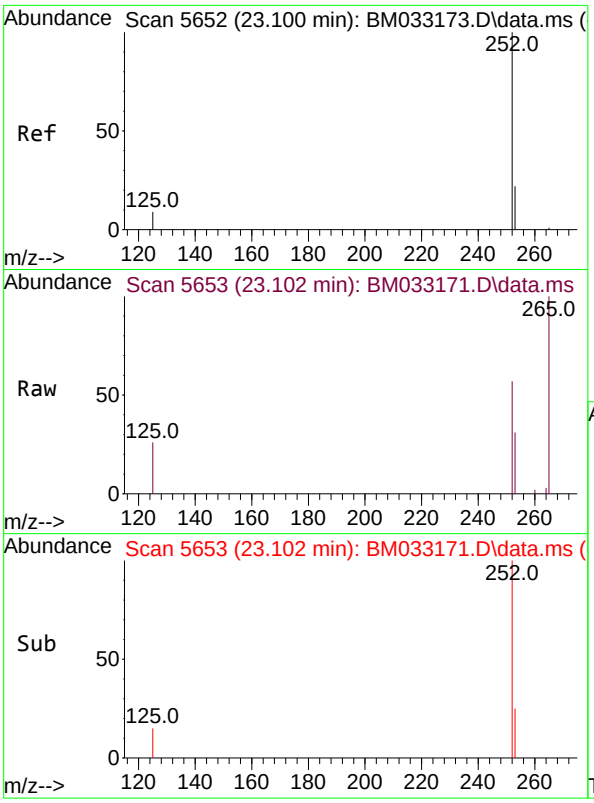


#22
Chrysene
Concen: 0.115 ng/ul
RT: 21.508 min Scan# 4995
Delta R.T. 0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:228 Resp: 2795

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.9	37.3
229	21.1	16.1	24.1



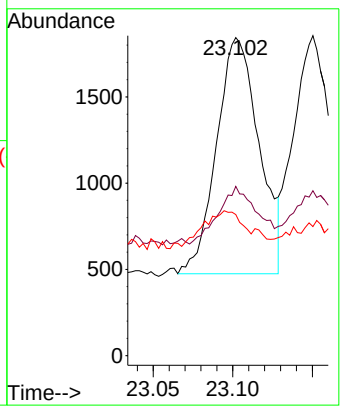


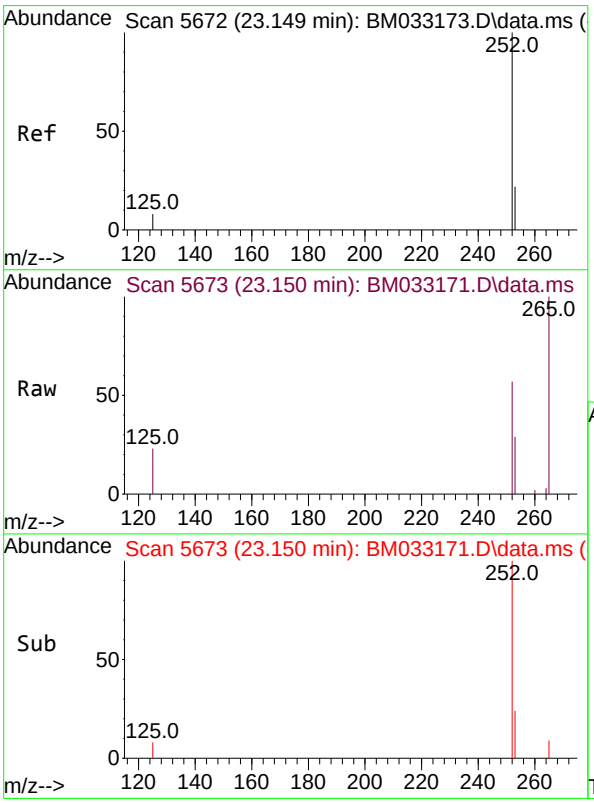
#24
Benzo(b)fluoranthene
Concen: 0.113 ng/ul
RT: 23.102 min Scan# 5
Delta R.T. 0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2556

Ion	Ratio	Lower	Upper
252	100		
253	53.2	0.0	59.2
125	44.4	0.0	34.2#

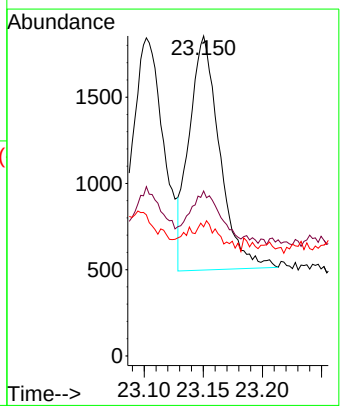


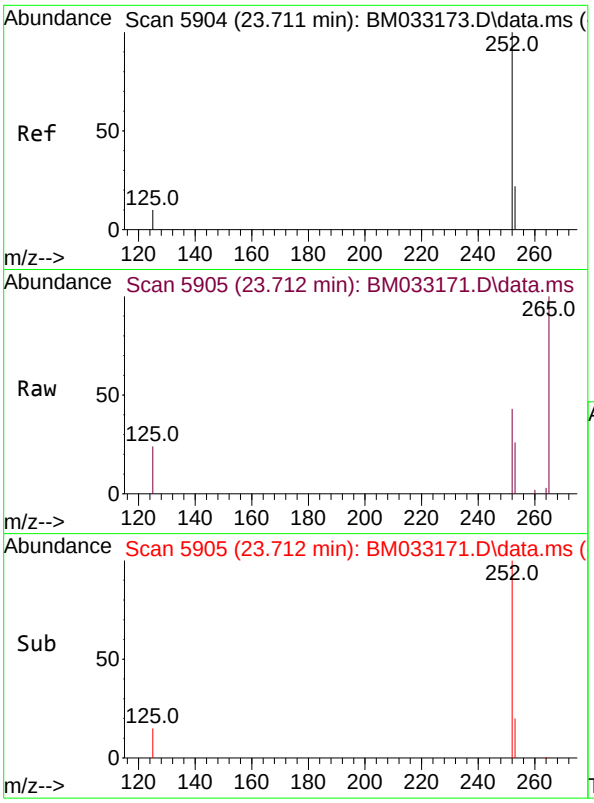


#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul
RT: 23.150 min Scan# 5673
Delta R.T. 0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:252 Resp: 2430

Ion	Ratio	Lower	Upper
252	100		
253	51.5	23.1	34.7#
125	40.3	14.6	21.8#



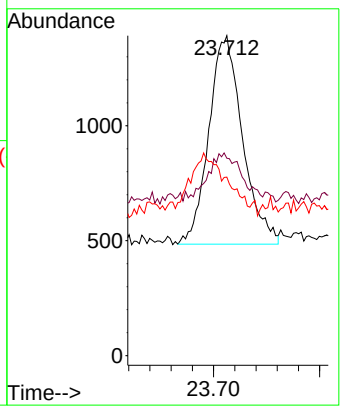


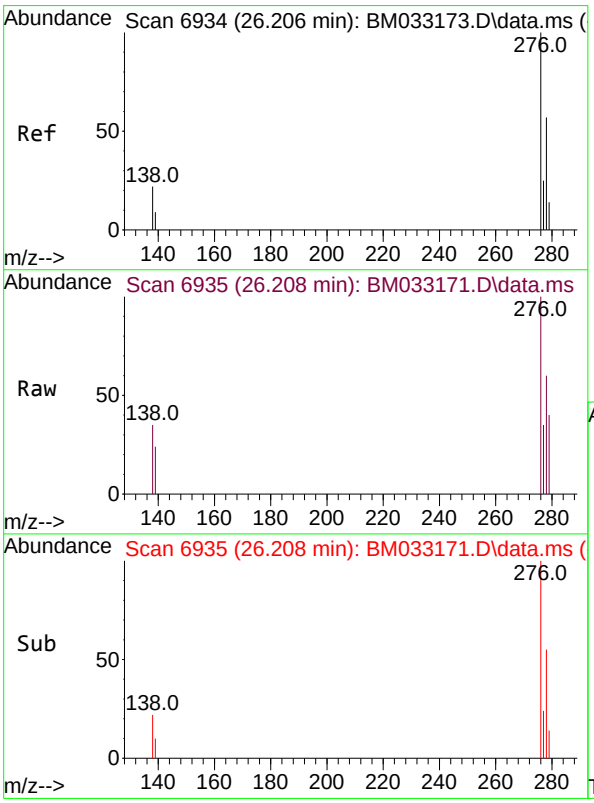
#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.712 min Scan# 5
Delta R.T. 0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2002

Ion	Ratio	Lower	Upper
252	100		
253	61.7	27.1	40.7#
125	55.8	17.4	26.2#

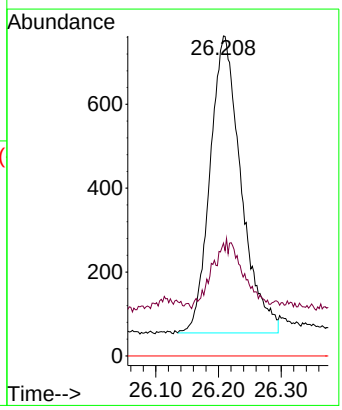


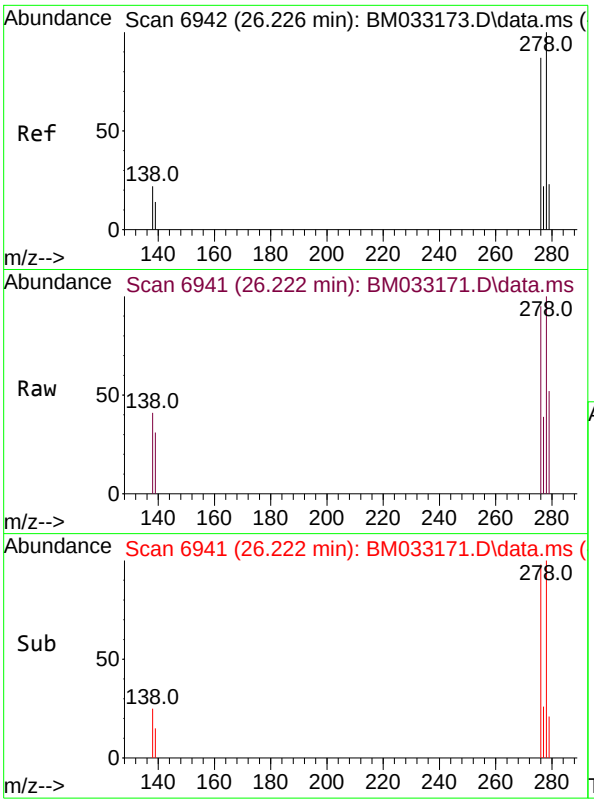


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 26.208 min Scan# 6935
Delta R.T. 0.001 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:276 Resp: 2438

Ion	Ratio	Lower	Upper
276	100		
138	16.9	22.9	34.3#
227	0.0	0.0	0.0



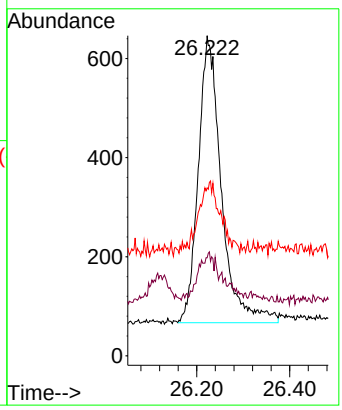


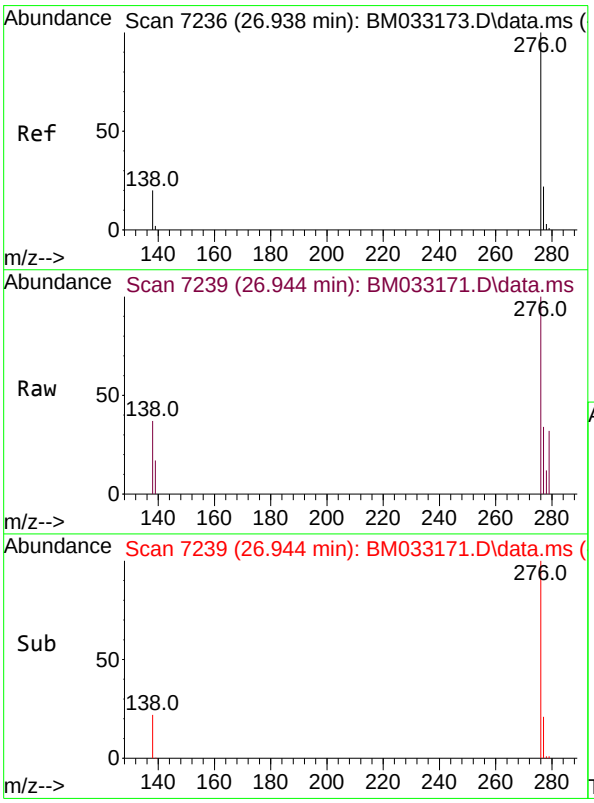
#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.222 min Scan# 6
Delta R.T. -0.003 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1987

Ion	Ratio	Lower	Upper
278	100		
139	30.7	18.2	27.2#
279	52.5	24.6	36.8#





#29
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 26.944 min Scan# 7239
Delta R.T. 0.006 min
Lab File: BM033171.D
Acq: 19 Nov 2021 12:04

Tgt Ion:276 Resp: 2298

Ion	Ratio	Lower	Upper
276	100		
138	36.9	22.2	33.2#
277	33.9	21.0	31.4#