Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032221.D
Acq On : 28 Sep 2021 00:57
Operator : CG/JU
Sample : M3919-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB6Y6

Quant Time: Sep 28 02:31:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	7456	0.400	ng/ul	0.00
4) Naphthalene-d8	10.451	136	23198	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.304	164	11511	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.033	188	20733	0.400	ng/ul	0.00
17) Chrysene-d12	21.191	240	15569	0.400	ng/ul	0.00
23) Perylene-d12	23.356	264	15255	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	42013	5.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.044	152	10570	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.049	212	19530	0.462	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.027	88	645	0.078	ng/ul#	74
12) Fluorene	15.347	166	1354	0.028	ng/ul#	95
14) Pentachlorophenol	16.700	266	271	0.052	ng/ul	98
15) Phenanthrene	17.071	178	3653	0.054	ng/ul#	93
16) Anthracene	17.161	178	3733	0.067	ng/ul#	93
19) Fluoranthene	19.080	202	4965	0.076	ng/ul	95
20) Pyrene	19.442	202	5259	0.081	ng/ul#	92
21) Benzo(a)anthracene	21.174	228	3786	0.069	ng/ul	95
22) Chrysene	21.227	228	4270	0.066	ng/ul	98
24) Benzo(b)fluoranthene	22.709	252	4272	0.054	ng/ul#	41
25) Benzo(k)fluoranthene	22.753	252	3726	0.049	ng/ul#	37
26) Benzo(a)pyrene	23.259	252	3408	0.057	ng/ul#	36
27) Indeno(1,2,3-cd)pyrene	25.498	276	3767	0.050	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.498	278	3033	0.049	ng/ul#	61
29) Benzo(g,h,i)perylene	26.157	276	3570	0.050	ng/ul#	81

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032221.D
Acq On : 28 Sep 2021 00:57
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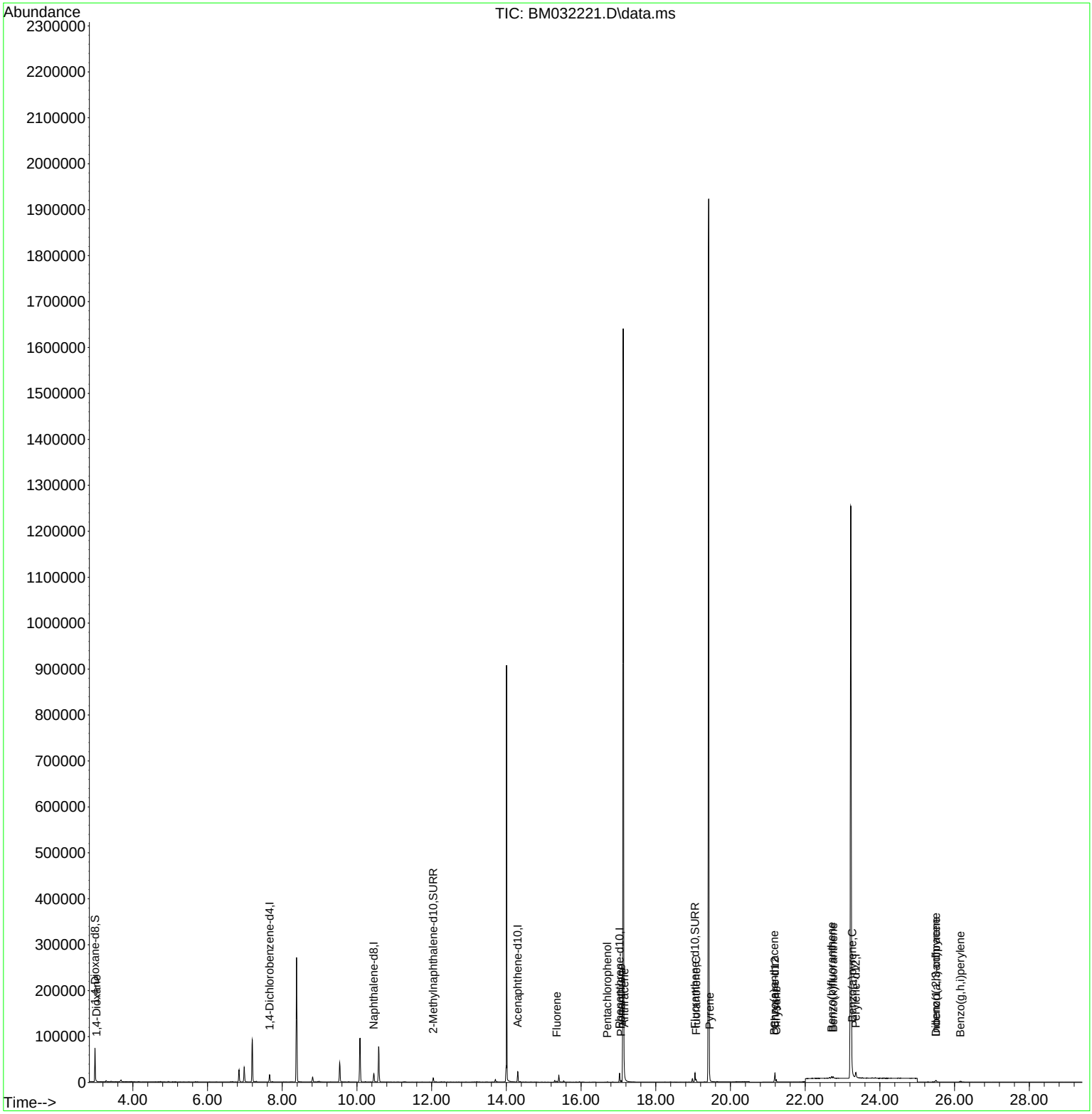
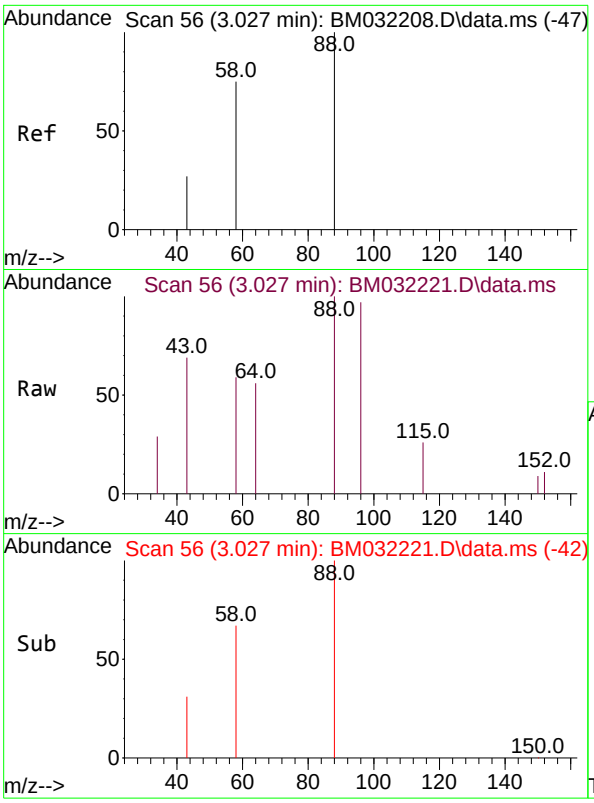
Sample : M3919-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB6Y6

Quant Time: Sep 28 02:31:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration



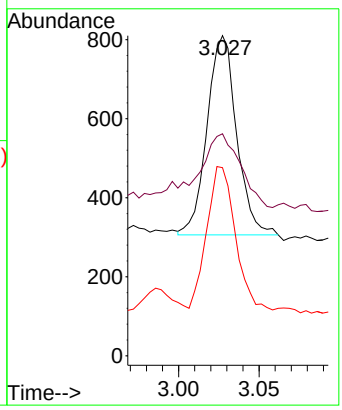
Instrument :
BNA_M
ClientSampleId :
GB6Y6

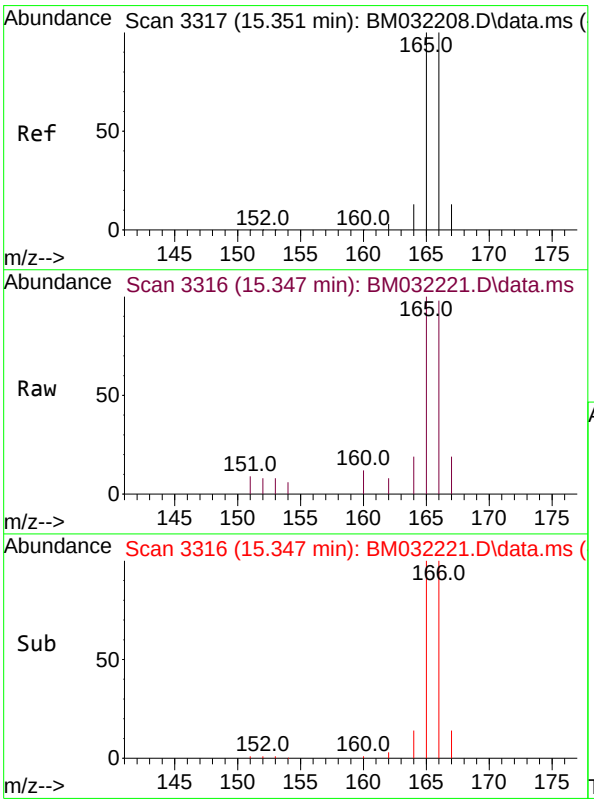


#2
1,4-Dioxane
Concen: 0.078 ng/ul
RT: 3.027 min Scan# 56
Delta R.T. -0.000 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion: 88 Resp: 645

Ion	Ratio	Lower	Upper
88	100		
43	69.4	26.1	39.1#
58	58.8	50.2	75.2

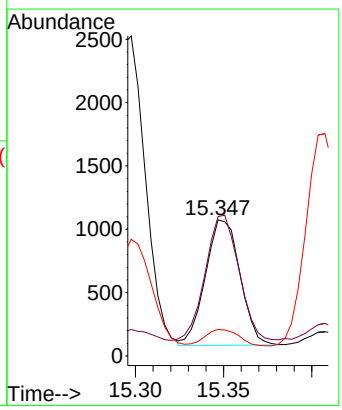




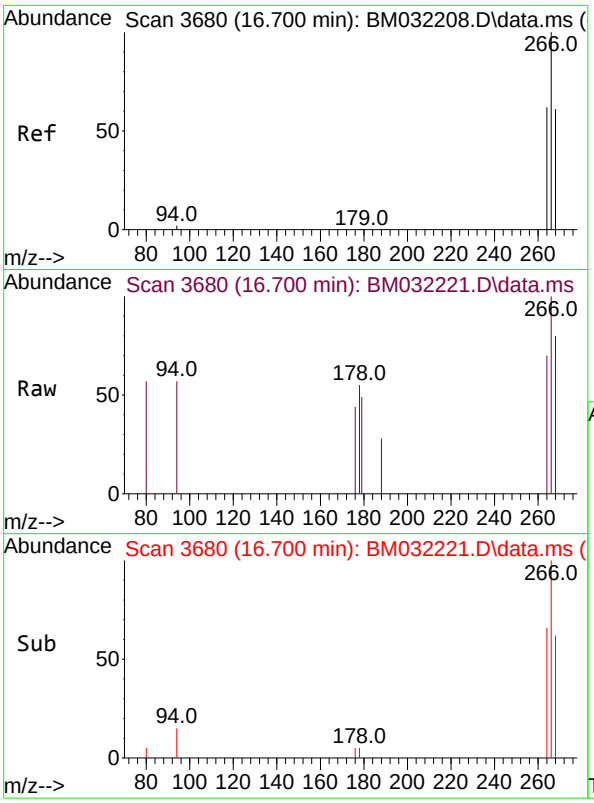
#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.347 min Scan# 3316
Delta R.T. -0.004 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:166 Resp: 1354

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.4	119.2
167	19.5	10.8	16.2#



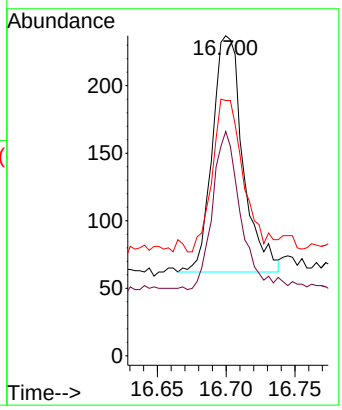
Instrument :
BNA_M
ClientSampleId :
GB6Y6

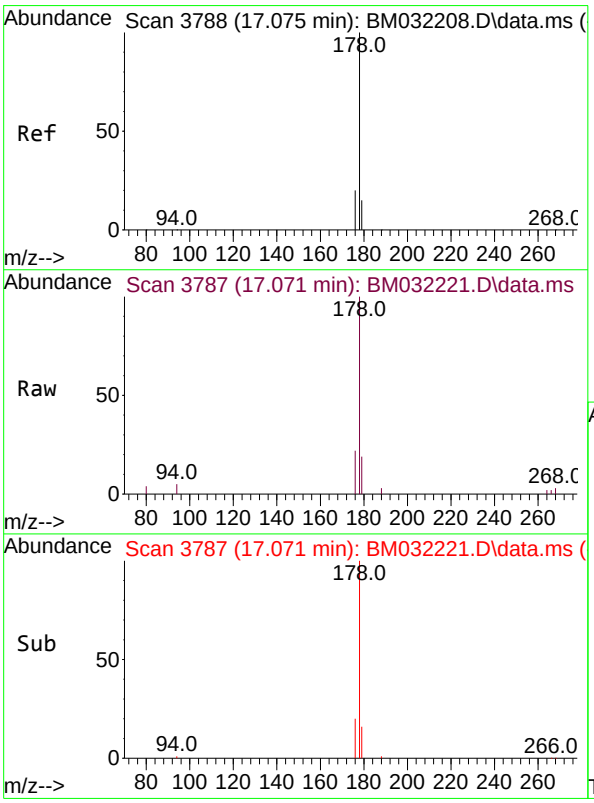


#14
Pentachlorophenol
Concen: 0.052 ng/ul
RT: 16.700 min Scan# 3680
Delta R.T. -0.000 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:266 Resp: 271

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.8
268	66.1	50.4	75.6

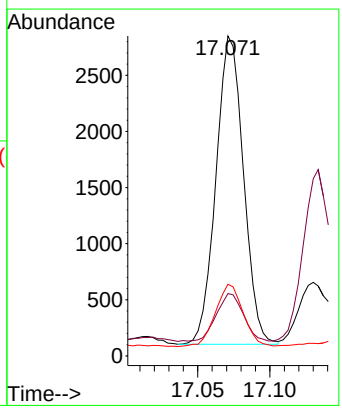




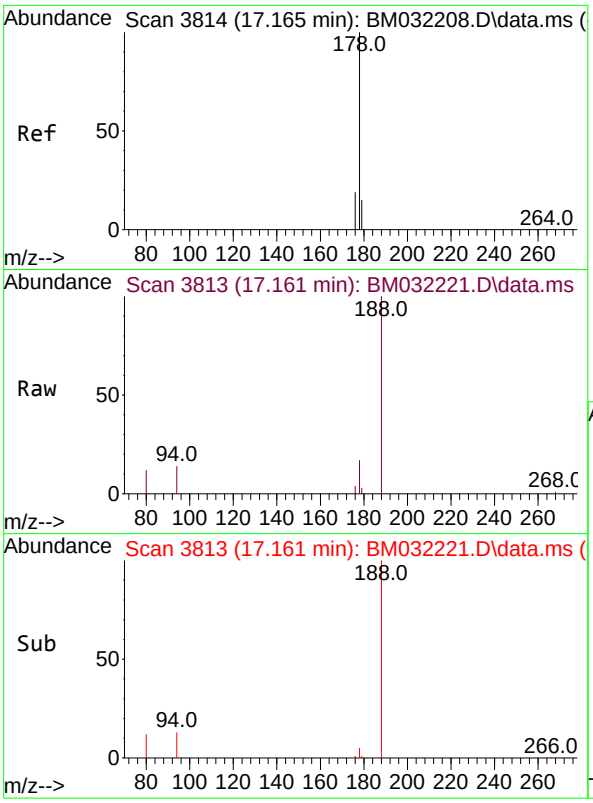
#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.004 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:178 Resp: 3653

Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.6	18.8#
176	22.4	15.8	23.6



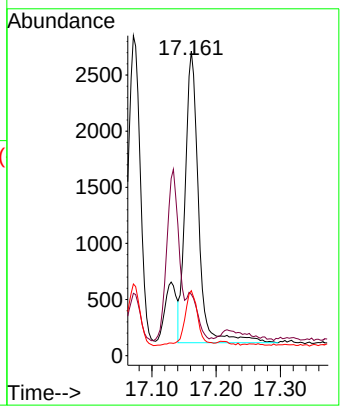
Instrument :
BNA_M
ClientSampleId :
GB6Y6

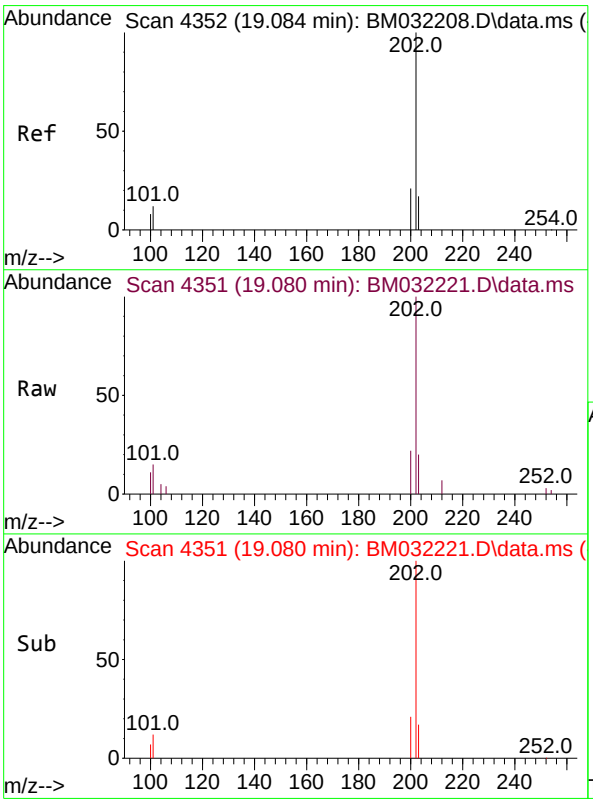


#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.161 min Scan# 3813
Delta R.T. -0.004 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:178 Resp: 3733

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.7	19.1#
176	21.3	15.3	22.9

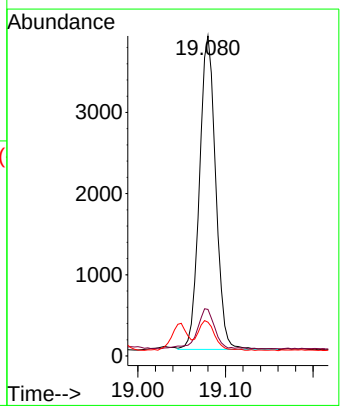




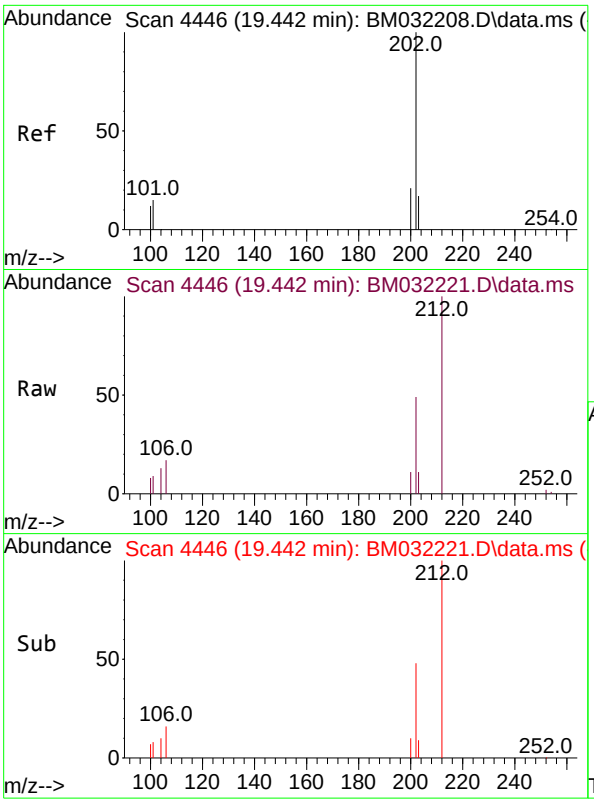
#19
Fluoranthene
Concen: 0.076 ng/ul
RT: 19.080 min Scan# 4351
Delta R.T. -0.004 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:202 Resp: 4965

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.8	14.8
100	10.6	7.2	10.8



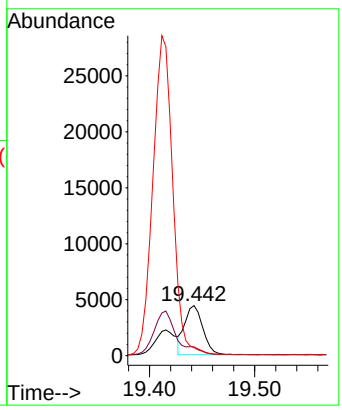
Instrument :
BNA_M
ClientSampleId :
GB6Y6

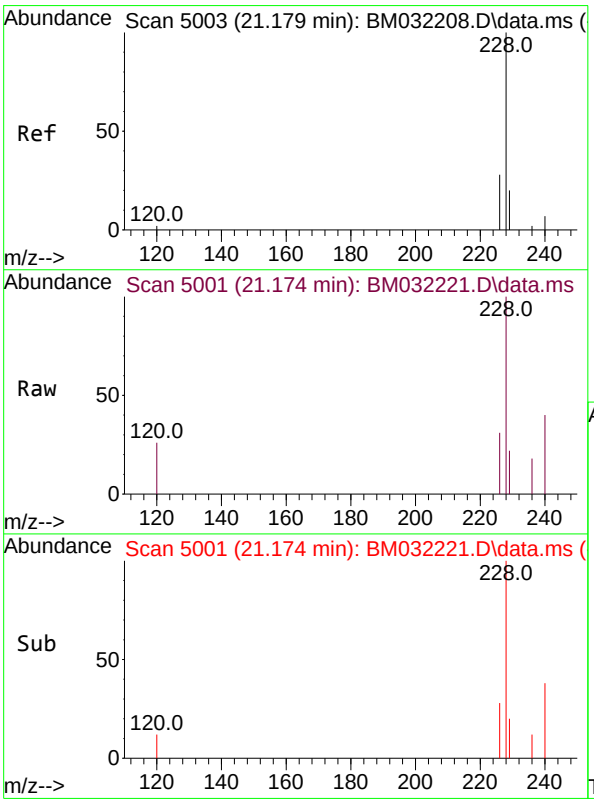


#20
Pyrene
Concen: 0.081 ng/ul
RT: 19.442 min Scan# 4446
Delta R.T. -0.000 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:202 Resp: 5259

Ion	Ratio	Lower	Upper
202	100		
101	17.7	12.1	18.1
100	15.9	9.8	14.6#

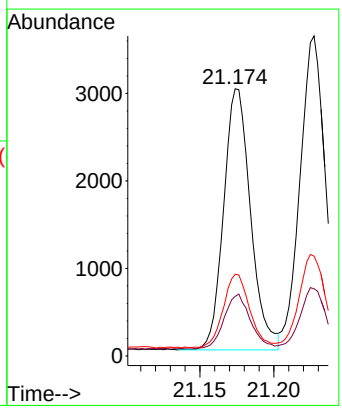




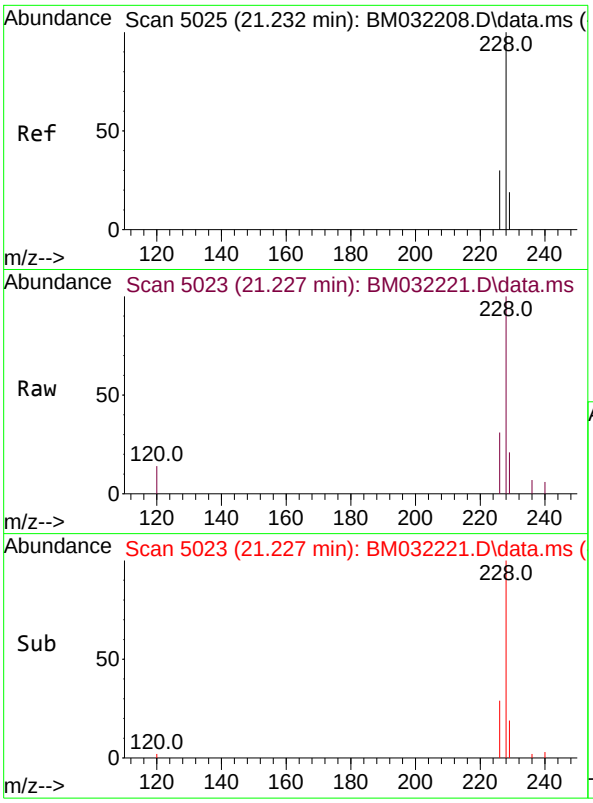
#21
Benzo(a)anthracene
Concen: 0.069 ng/ul
RT: 21.174 min Scan# 5001
Delta R.T. -0.005 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:228 Resp: 3786

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.0	24.0
226	30.6	22.3	33.5



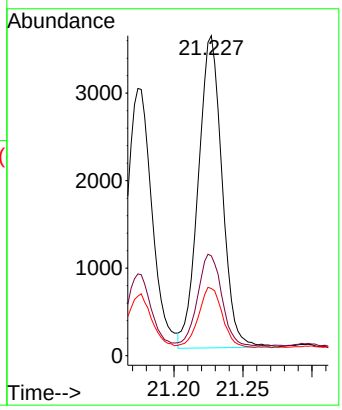
Instrument :
BNA_M
ClientSampleId :
GB6Y6

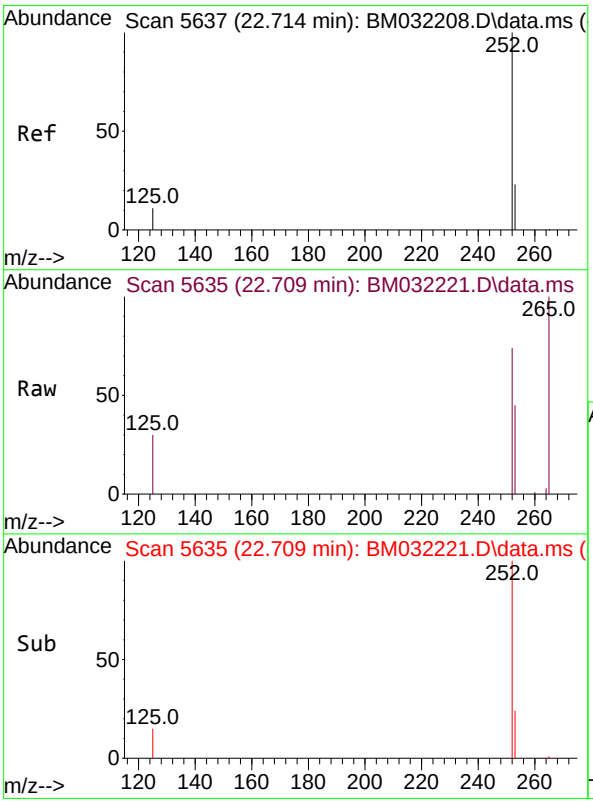


#22
Chrysene
Concen: 0.066 ng/ul
RT: 21.227 min Scan# 5023
Delta R.T. -0.002 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:228 Resp: 4270

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.0	15.6	23.4

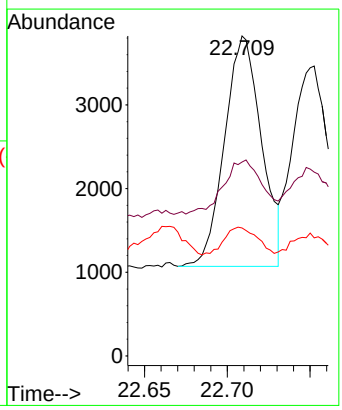




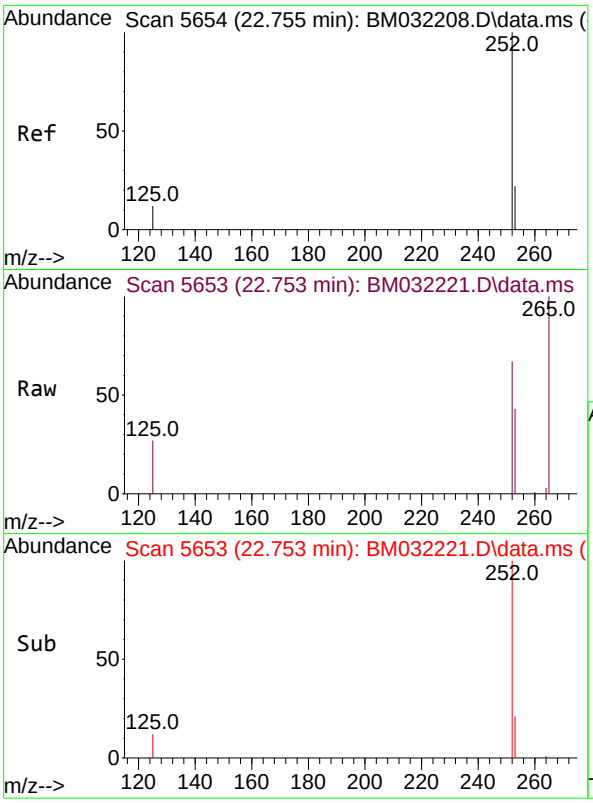
#24
Benzo(b)fluoranthene
Concen: 0.054 ng/ul
RT: 22.709 min Scan# 5635
Delta R.T. -0.005 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:252 Resp: 4272

Ion	Ratio	Lower	Upper
252	100		
253	60.6	0.0	58.0#
125	40.0	0.0	31.4#



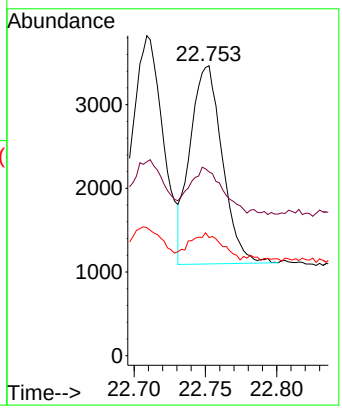
Instrument :
BNA_M
ClientSampleId :
GB6Y6

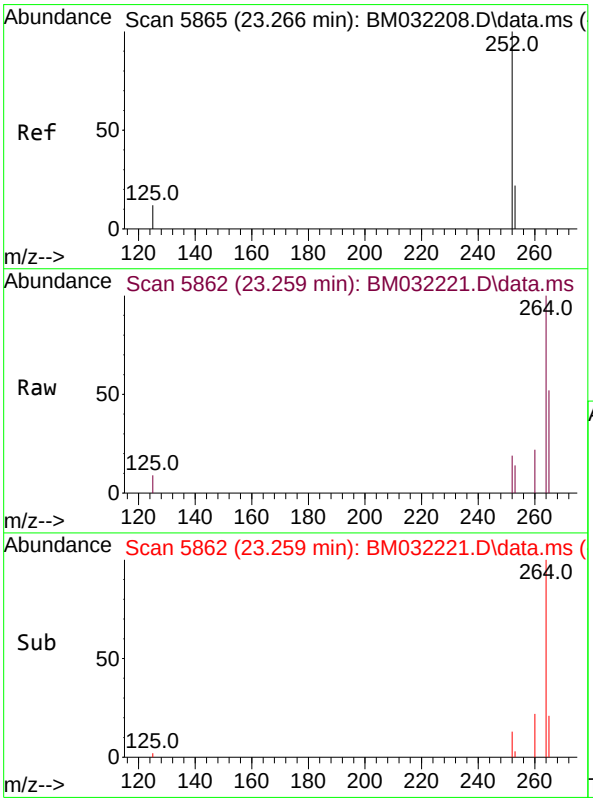


#25
Benzo(k)fluoranthene
Concen: 0.049 ng/ul
RT: 22.753 min Scan# 5653
Delta R.T. -0.002 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:252 Resp: 3726

Ion	Ratio	Lower	Upper
252	100		
253	63.4	22.9	34.3#
125	40.7	12.9	19.3#

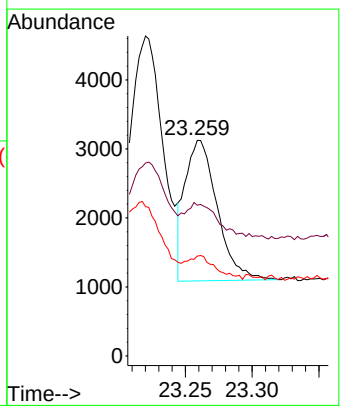




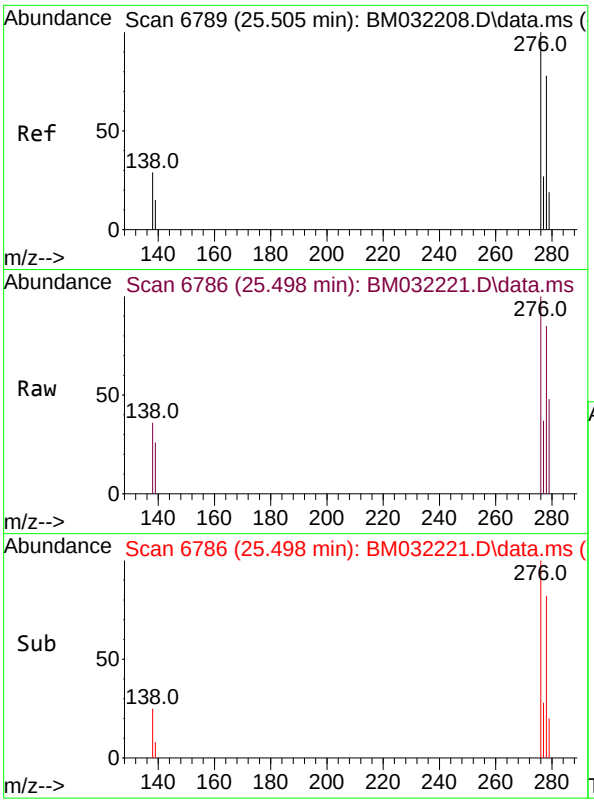
#26
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.259 min Scan# 5862
Delta R.T. -0.005 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:252 Resp: 3408

Ion	Ratio	Lower	Upper
252	100		
253	69.9	25.8	38.8#
125	46.4	15.4	23.2#



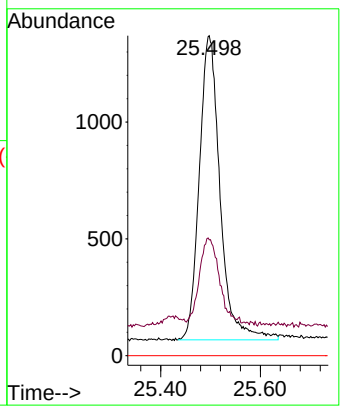
Instrument :
BNA_M
ClientSampleId :
GB6Y6

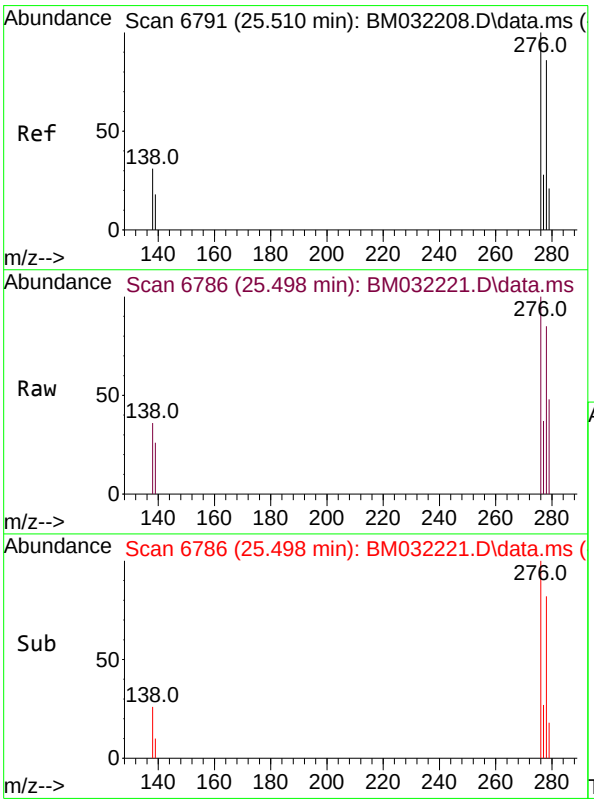


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 25.498 min Scan# 6786
Delta R.T. -0.007 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:276 Resp: 3767

Ion	Ratio	Lower	Upper
276	100		
138	28.6	24.3	36.5
227	0.0	0.0	0.0

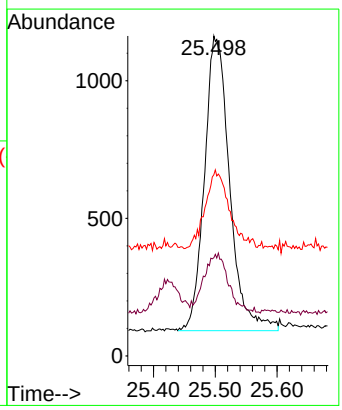


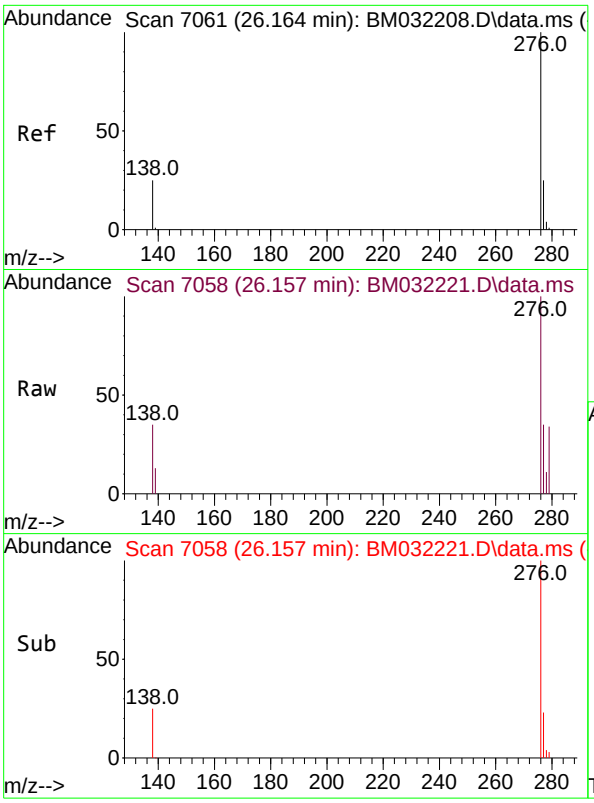


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.498 min Scan# 6786
Delta R.T. -0.012 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:278 Resp: 3033

Ion	Ratio	Lower	Upper
278	100		
139	30.7	16.6	24.8#
279	56.7	23.0	34.6#

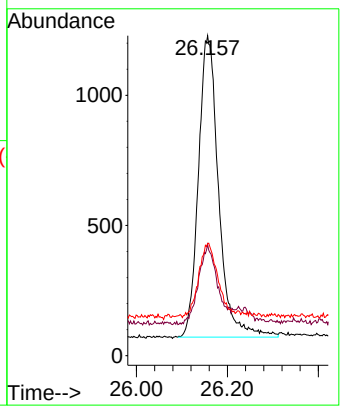




#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.157 min Scan# 7058
Delta R.T. -0.007 min
Lab File: BM032221.D
Acq: 28 Sep 2021 00:57

Tgt Ion:276 Resp: 3570

Ion	Ratio	Lower	Upper
276	100		
138	34.7	21.0	31.4#
277	35.1	19.8	29.8#



Instrument :
BNA_M
ClientSampleId :
GB6Y6