Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032575.D
Acq On : 18 Oct 2021 16:09
Operator : CG/JU
Sample : M4181-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

Quant Time: Oct 18 16:39:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	5726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.335	136	17201	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	8300	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	14022	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	10012	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	10572	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	19725	3.073	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	4314	0.188	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	6196	0.197	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	75018	1.438	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	65396	1.916	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	53544	1.589	ng/ul	99
10) Acenaphthylene	13.928	152	12263	0.346	ng/ul	98
11) Acenaphthene	14.270	153	2813	0.087	ng/ul	94
12) Fluorene	15.256	166	3323	0.091	ng/ul#	66
15) Phenanthrene	16.984	178	81654	1.732	ng/ul	99
16) Anthracene	17.075	178	12274	0.296	ng/ul	98
19) Fluoranthene	19.000	202	89103	1.799	ng/ul	100
20) Pyrene	19.362	202	60551	1.189	ng/ul	99
21) Benzo(a)anthracene	21.106	228	45833	1.171	ng/ul	95
22) Chrysene	21.159	228	71639	1.664	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	123107	2.520	ng/ul	95
25) Benzo(k)fluoranthene	22.627	252	123107	2.531	ng/ul	94
26) Benzo(a)pyrene	23.164	252	19026	0.465	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.357	276	22326	0.446	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.357	278	11340	0.287	ng/ul#	87
29) Benzo(g,h,i)perylene	25.994	276	1307	0.030	ng/ul#	30

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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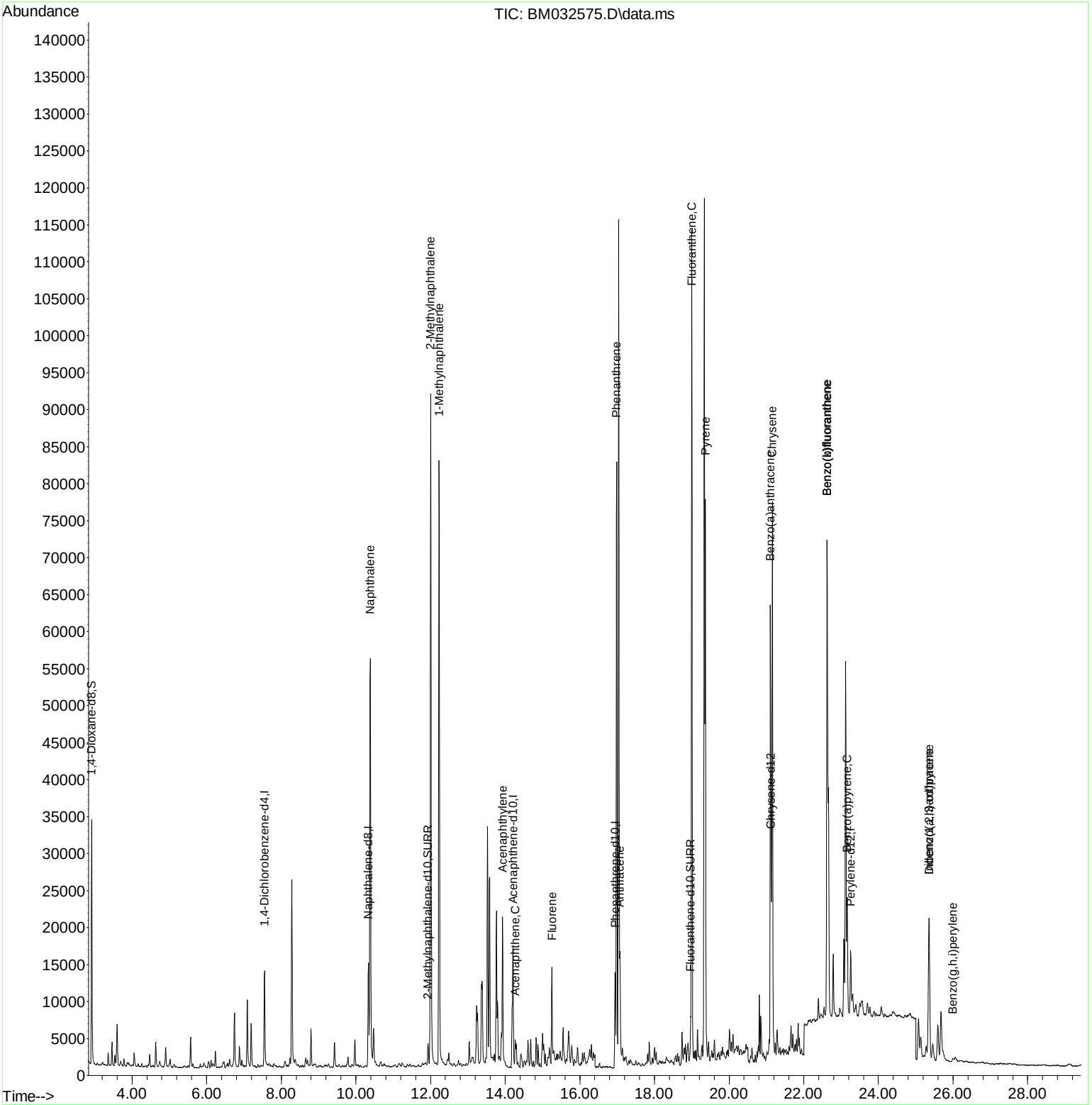
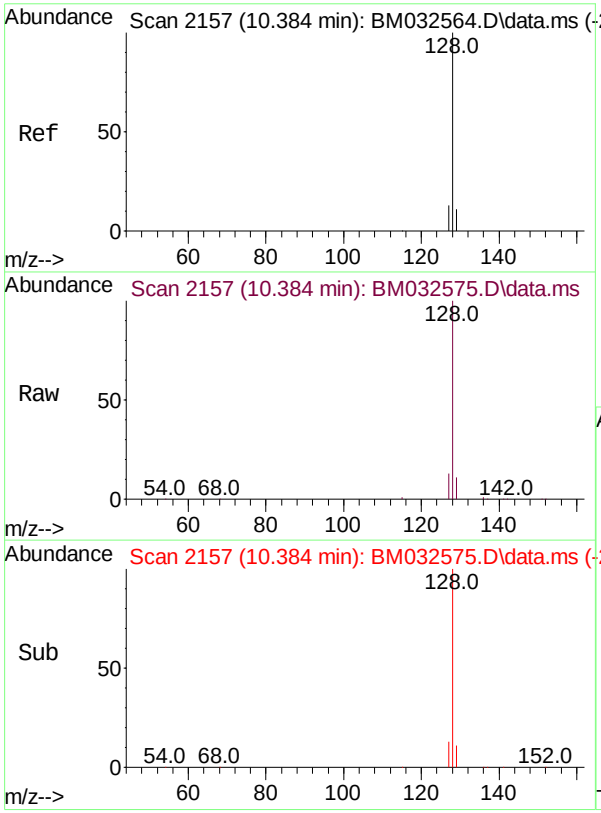


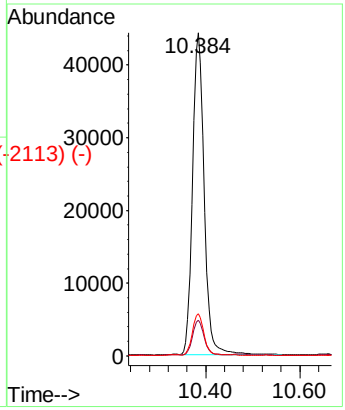
Instrument :
BNA_M
ClientSampleId :
C0B27

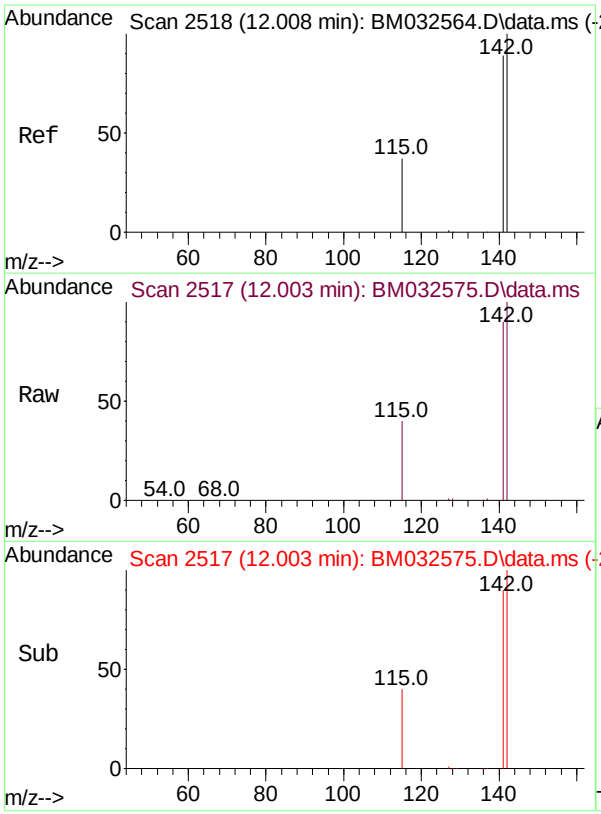


#5
Naphthalene
Concen: 1.438 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:128 Resp: 75018

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	11.1	16.7

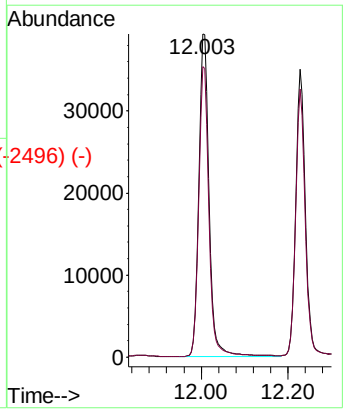




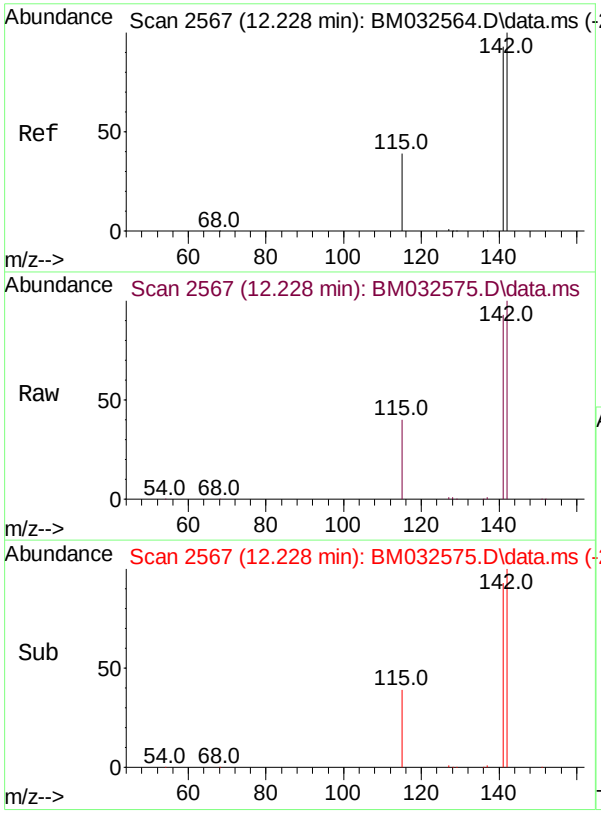
#7
2-Methylnaphthalene
Concen: 1.916 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:142 Resp: 65396

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2



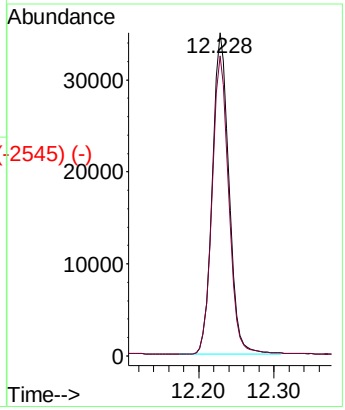
Instrument :
BNA_M
ClientSampleId :
C0B27

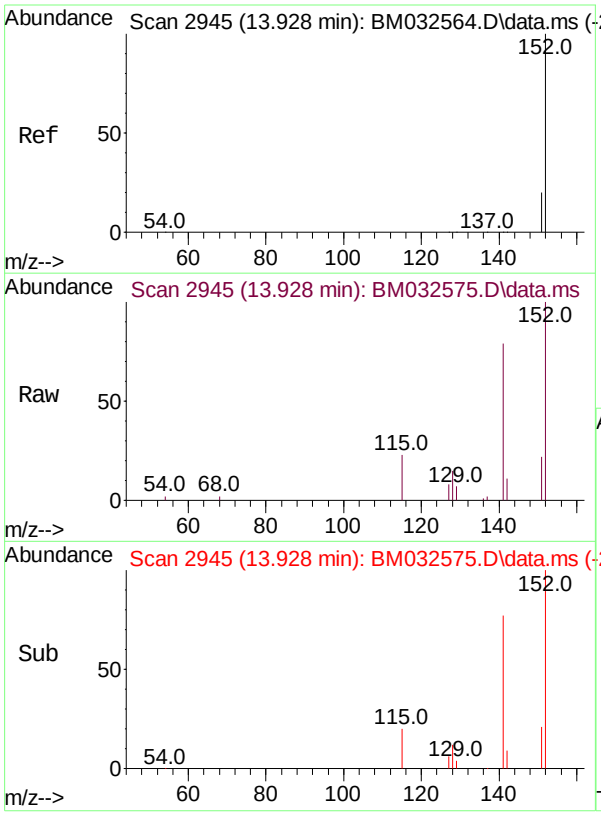


#8
1-Methylnaphthalene
Concen: 1.589 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:142 Resp: 53544

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3

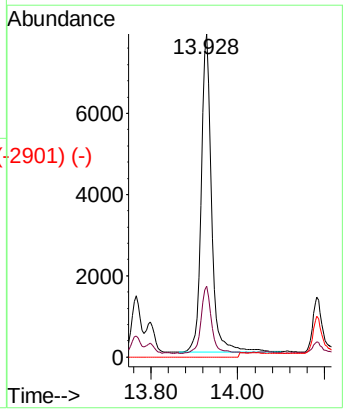




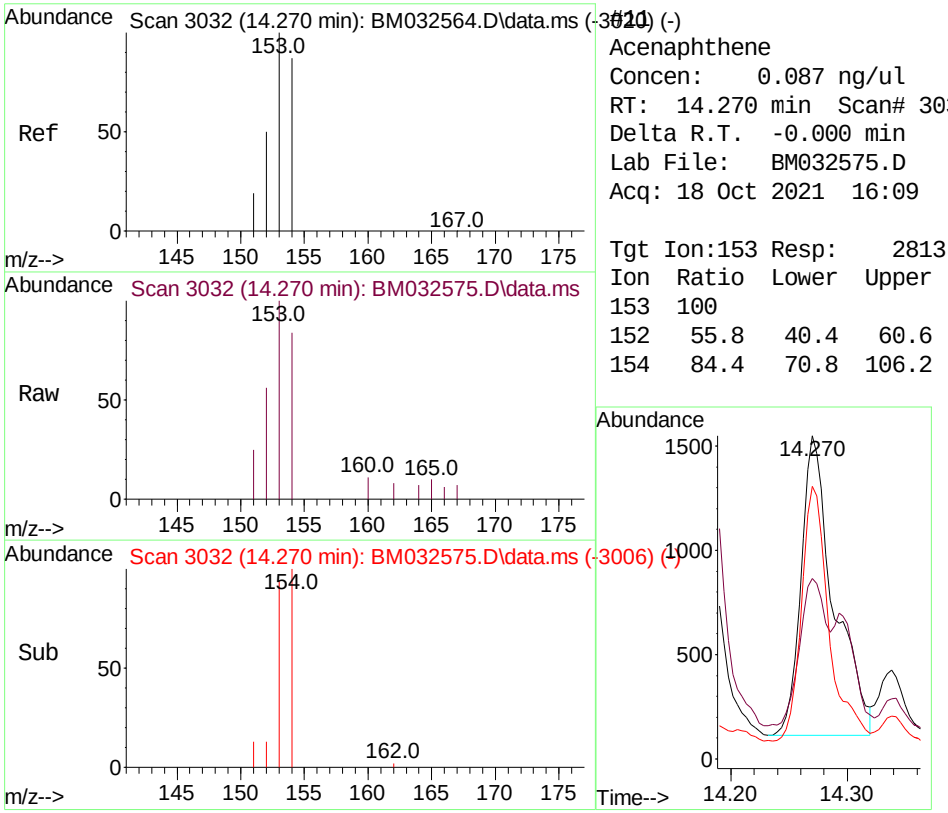
#16
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:152 Resp: 12263

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.7	25.1
153	0.0	0.0	0.0



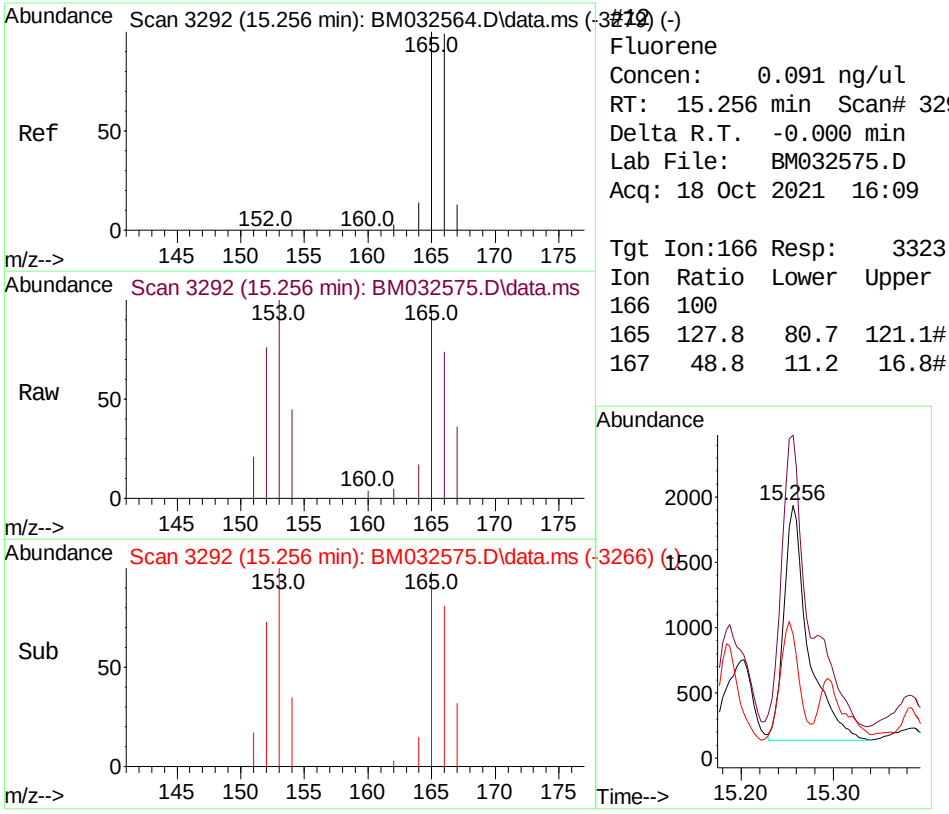
Instrument :
BNA_M
ClientSampleId :
C0B27



#11
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:153 Resp: 2813

Ion	Ratio	Lower	Upper
153	100		
152	55.8	40.4	60.6
154	84.4	70.8	106.2

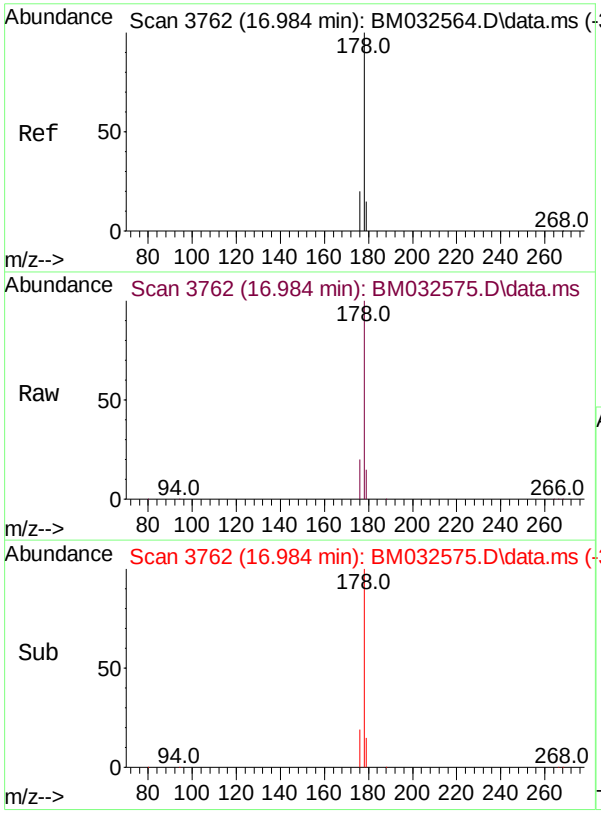


#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:166 Resp: 3323

Ion	Ratio	Lower	Upper
166	100		
165	127.8	80.7	121.1#
167	48.8	11.2	16.8#

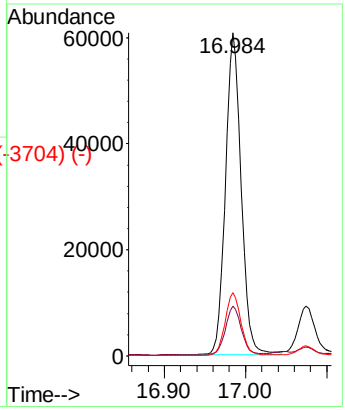
Instrument :
BNA_M
ClientSampleId :
C0B27

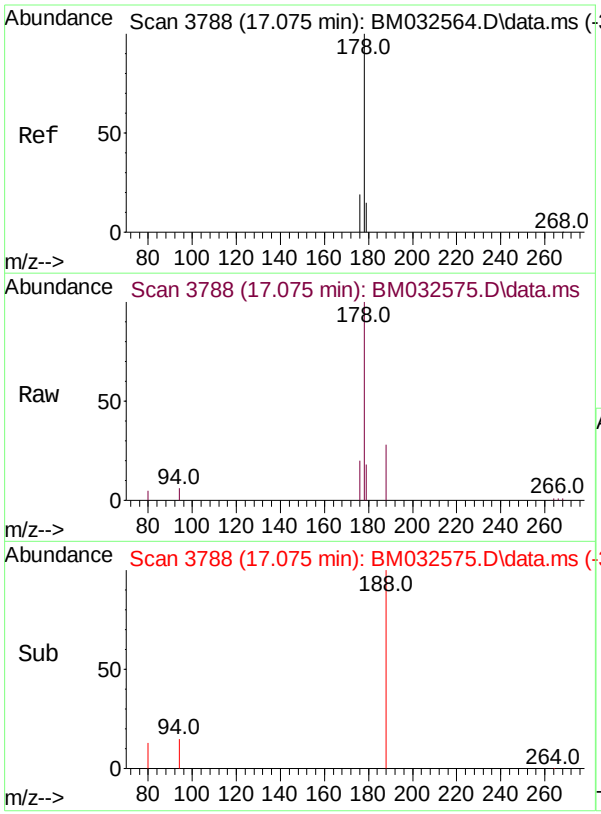


#15
Phenanthrene
Concen: 1.732 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:178 Resp: 81654

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.6	16.1	24.1

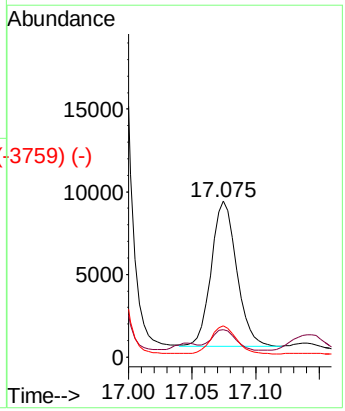




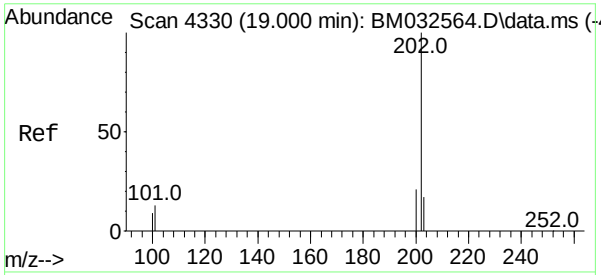
#16
Anthracene
Concen: 0.296 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:178 Resp: 12274

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.9	19.3
176	20.0	15.8	23.6



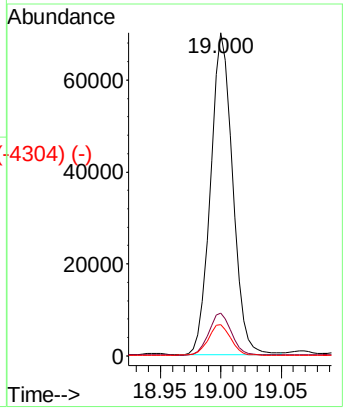
Instrument :
BNA_M
ClientSampleId :
C0B27

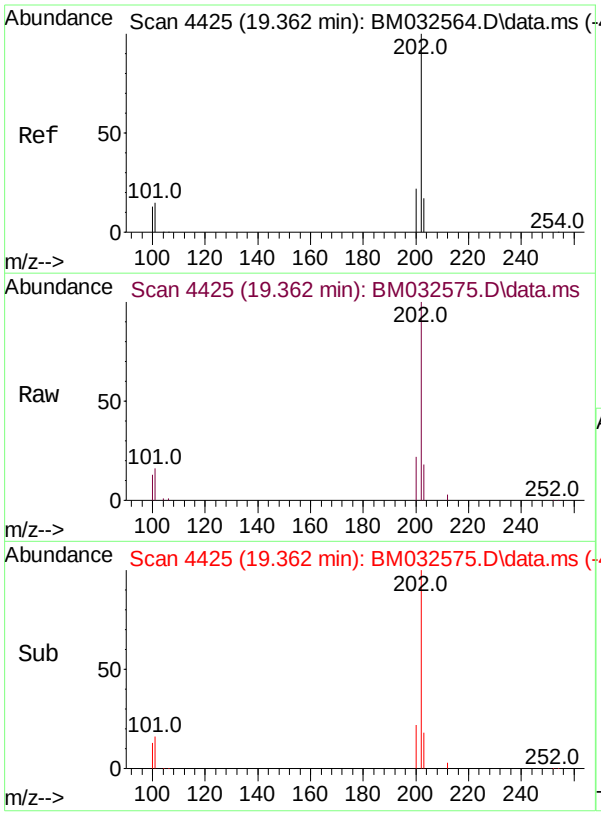


#19
Fluoranthene
Concen: 1.799 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:202 Resp: 89103

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	16.0
100	9.7	7.8	11.8

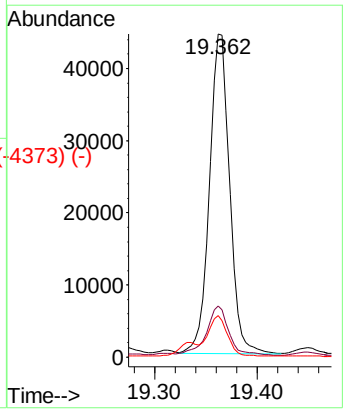




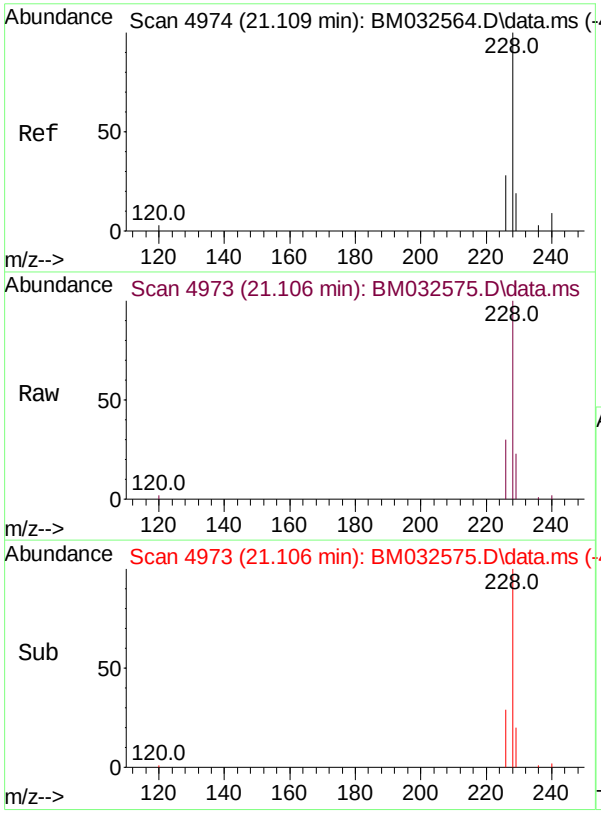
#20
Pyrene
Concen: 1.189 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:202 Resp: 60551

Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.3	18.5
100	12.9	10.1	15.1



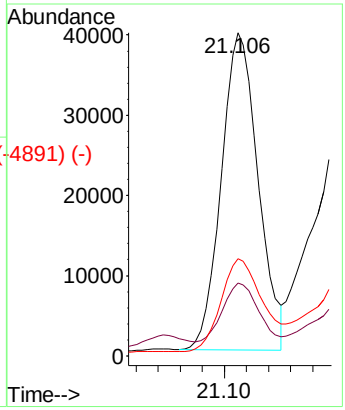
Instrument :
BNA_M
ClientSampleId :
C0B27

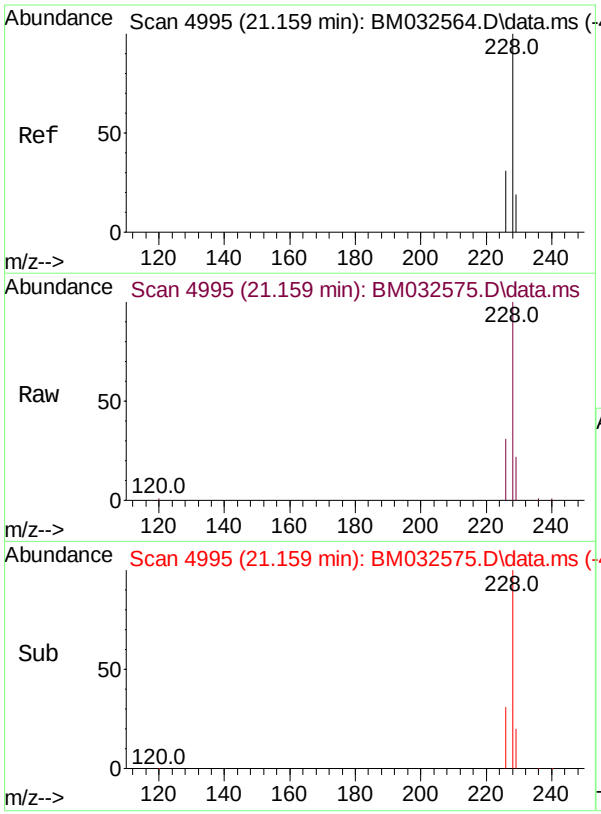


#21
Benzo(a)anthracene
Concen: 1.171 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.002 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:228 Resp: 45833

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.9	23.9
226	30.1	22.4	33.6

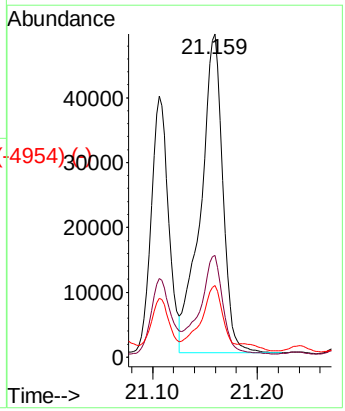




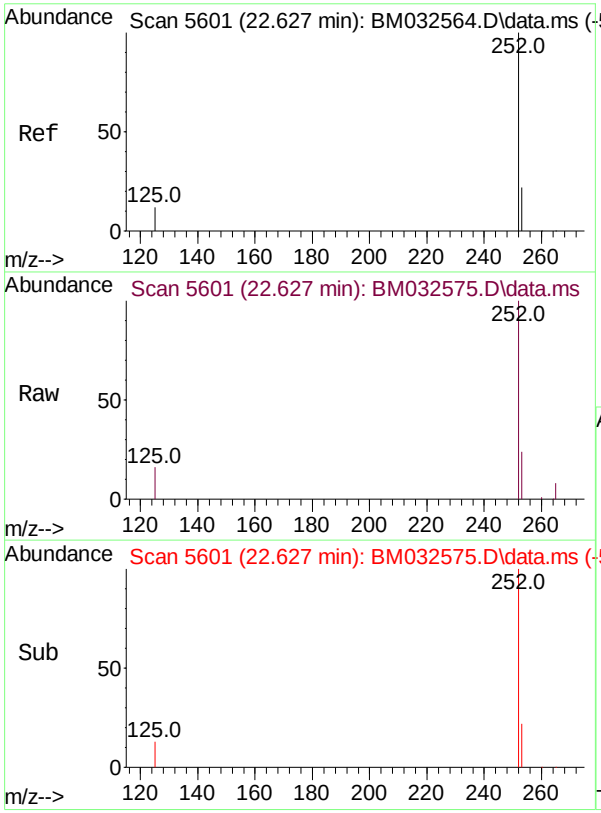
#22
Chrysene
Concen: 1.664 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:228 Resp: 71639

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	22.1	15.7	23.5



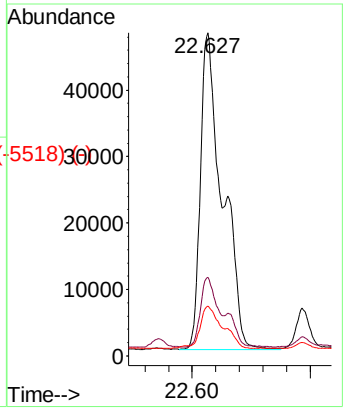
Instrument :
BNA_M
ClientSampleId :
C0B27

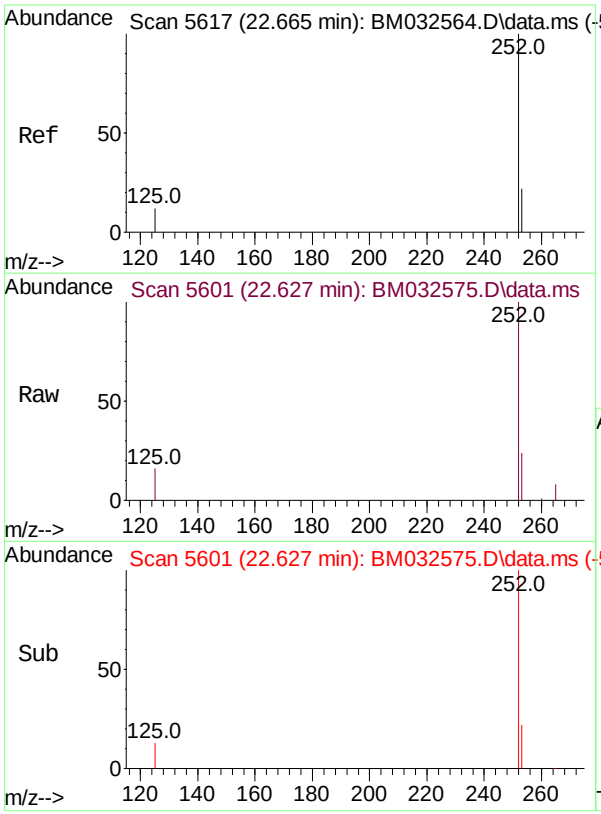


#24
Benzo(b)fluoranthene
Concen: 2.520 ng/ul
RT: 22.627 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:252 Resp: 123107

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	53.8
125	15.5	0.0	35.6

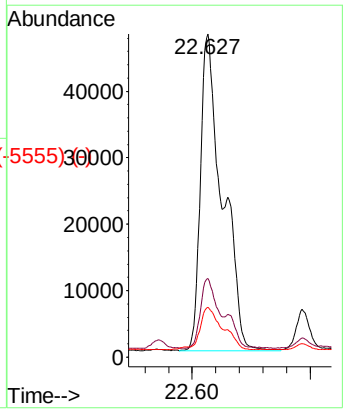




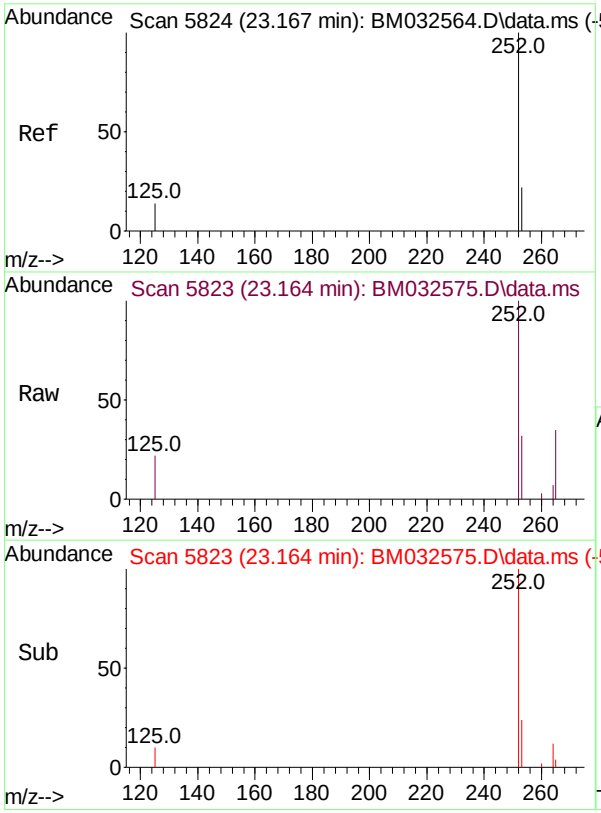
#25
Benzo(k)fluoranthene
Concen: 2.531 ng/ul
RT: 22.627 min Scan# 5601
Delta R.T. -0.039 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:252 Resp: 123107

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.8	32.6
125	15.5	14.4	21.6



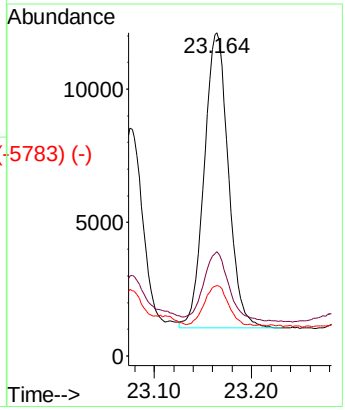
Instrument :
BNA_M
ClientSampleId :
C0B27

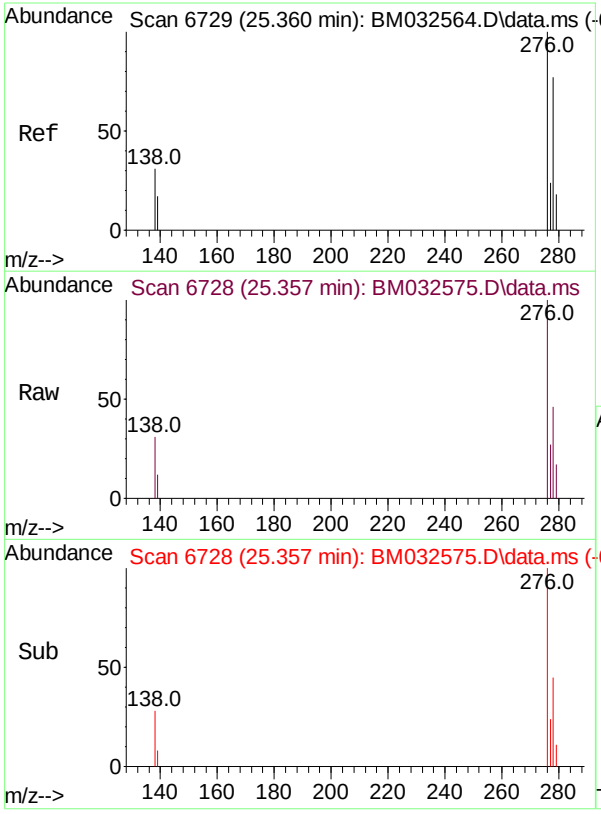


#26
Benzo(a)pyrene
Concen: 0.465 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.002 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:252 Resp: 19026

Ion	Ratio	Lower	Upper
252	100		
253	32.3	23.6	35.4
125	21.8	17.1	25.7

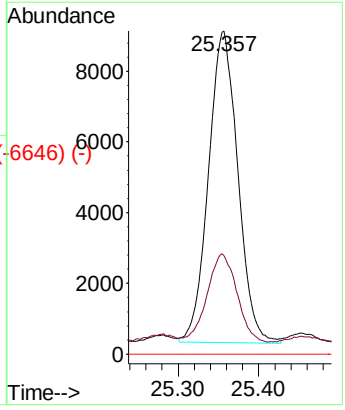




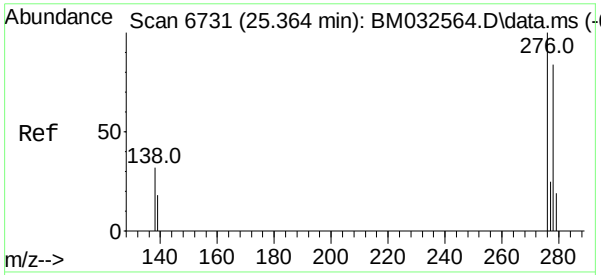
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.002 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:276 Resp: 22326

Ion	Ratio	Lower	Upper
276	100		
138	28.8	24.9	37.3
227	0.0	0.0	0.0



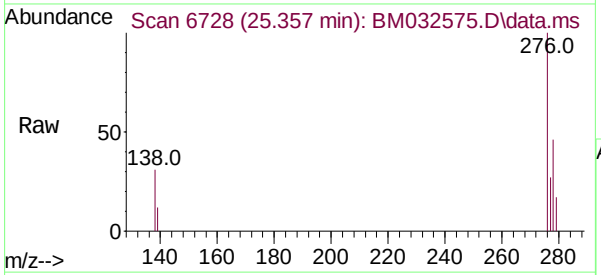
Instrument :
BNA_M
ClientSampleId :
C0B27

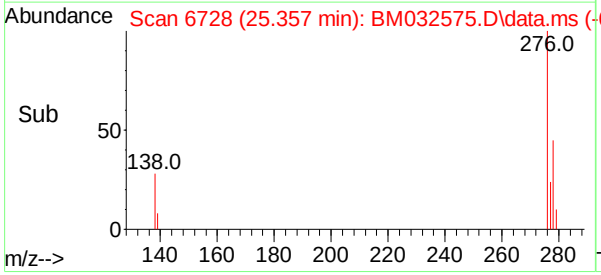


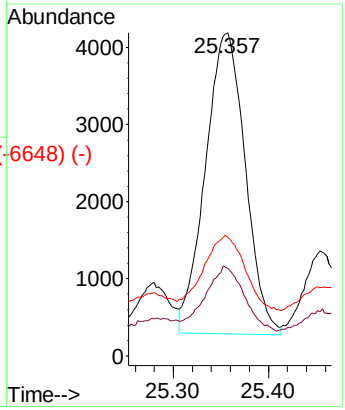
#28
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.007 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

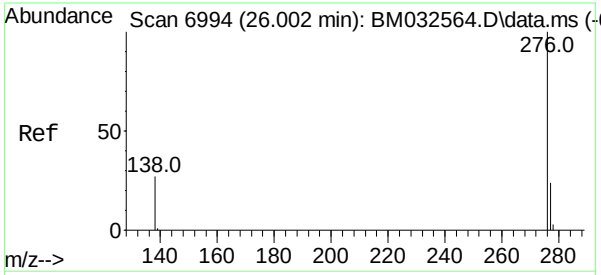
Tgt Ion:278 Resp: 11340

Ion	Ratio	Lower	Upper
278	100		
139	27.2	18.6	28.0
279	36.6	22.0	33.0#









#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 25.994 min Scan# 6991
Delta R.T. -0.007 min
Lab File: BM032575.D
Acq: 18 Oct 2021 16:09

Tgt Ion:276 Resp: 1307

Ion	Ratio	Lower	Upper
276	100		
138	66.6	22.6	33.8#
277	58.2	19.9	29.9#