

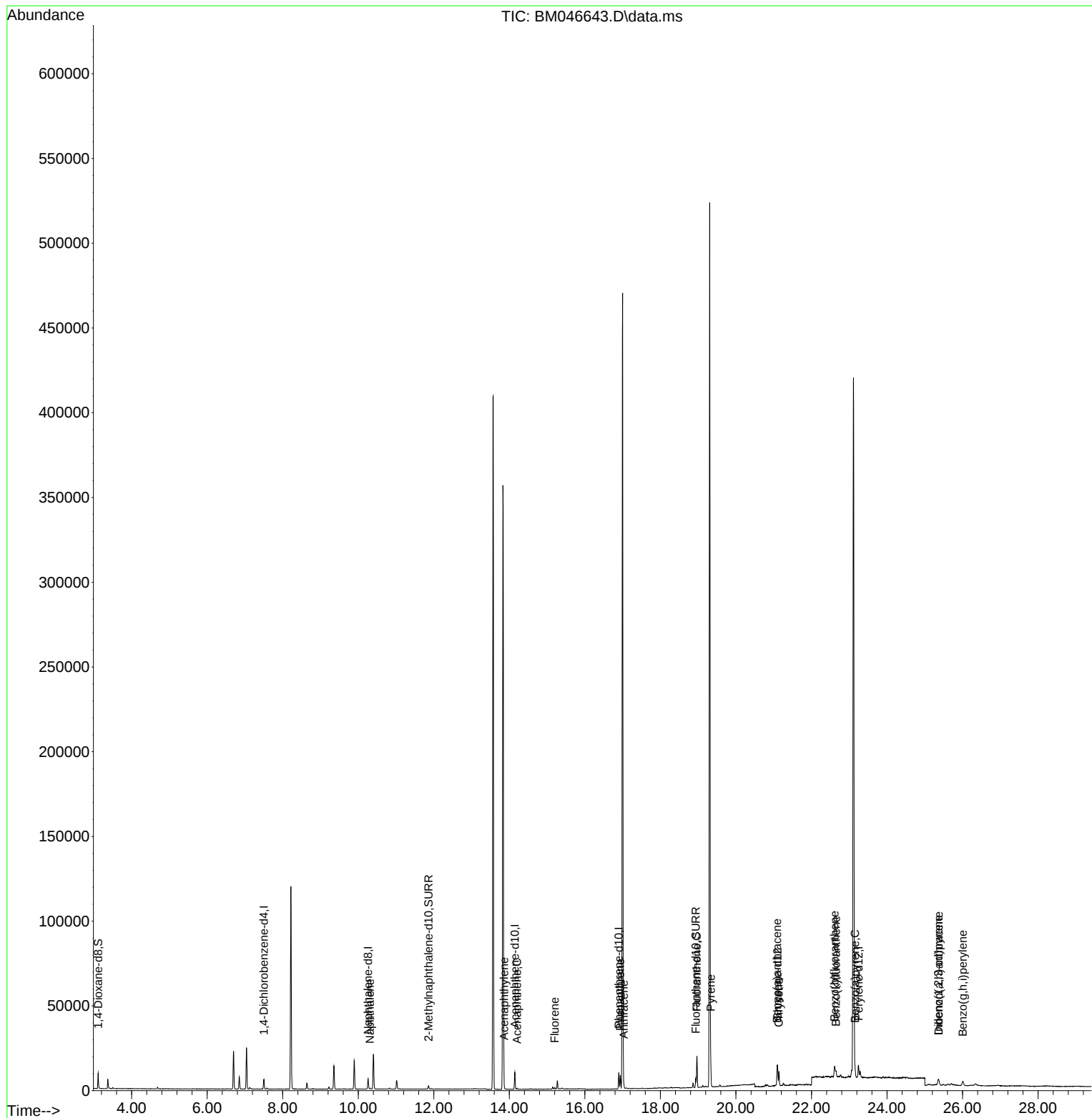
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046643.D
Acq On : 16 Jul 2024 21:19
Operator : MA/JU
Sample : P3177-04
Misc :
ALS Vial : 55 Sample Multiplier: 1

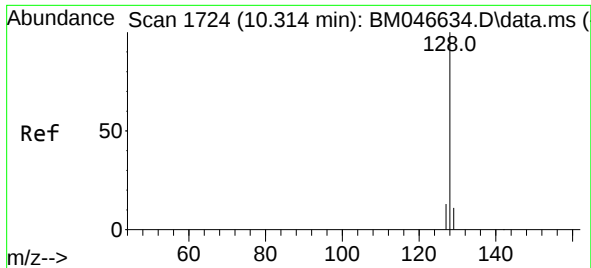
Instrument :
BNA_M
ClientSampleId :
A4BS2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

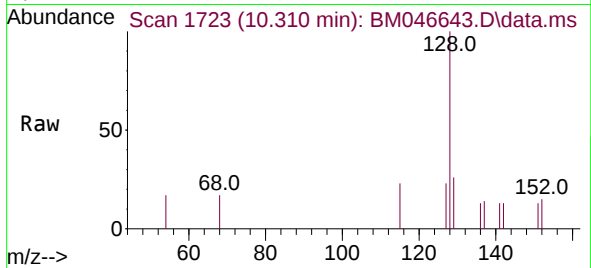
Quant Time: Jul 17 00:39:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

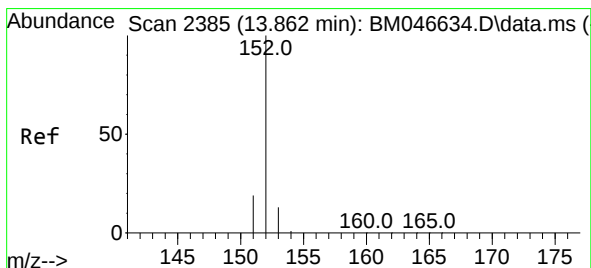
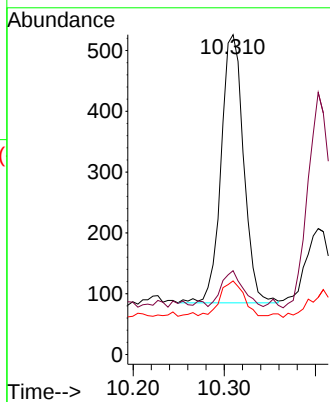
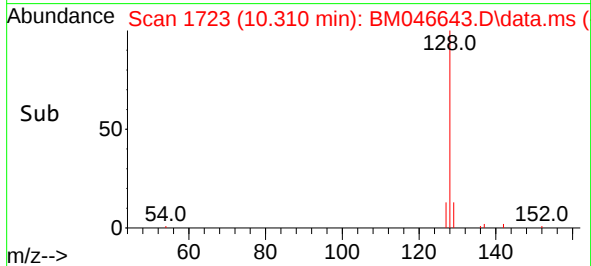
Instrument :
BNA_M
ClientSampleId :
A4BS2



Tgt Ion:128 Resp: 758
Ion Ratio Lower Upper
128 100
129 26.2 10.3 15.5#
127 23.0 12.2 18.4#

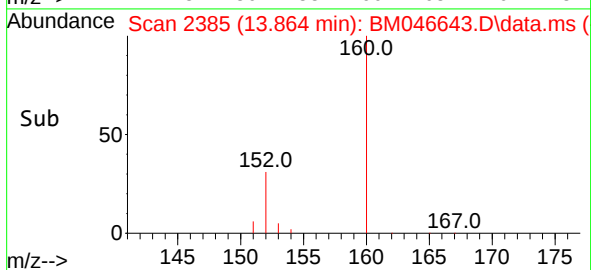
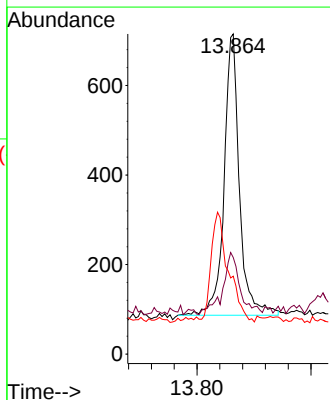
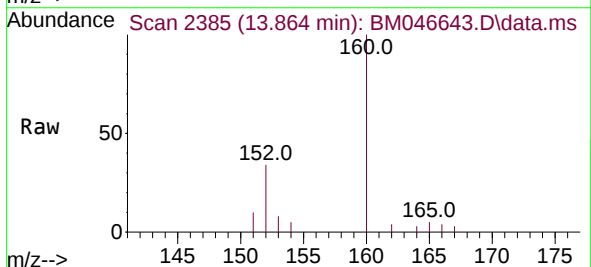
Manual Integrations
APPROVED

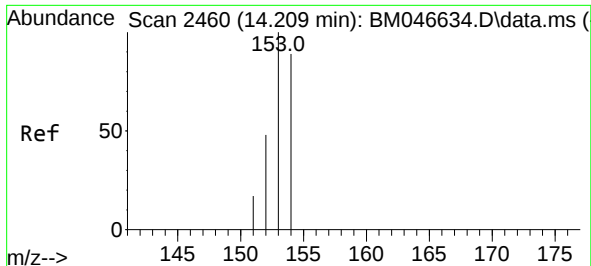
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

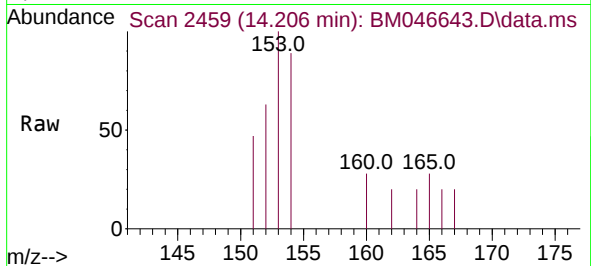
Tgt Ion:152 Resp: 1174
Ion Ratio Lower Upper
152 100
151 30.2 16.4 24.6#
153 24.3 12.4 18.6#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

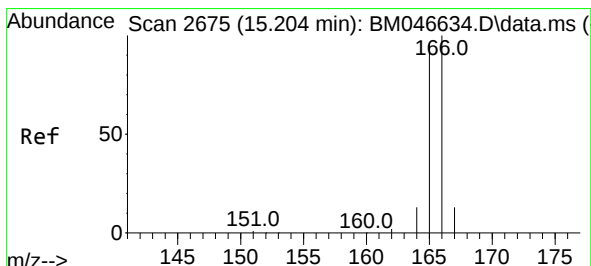
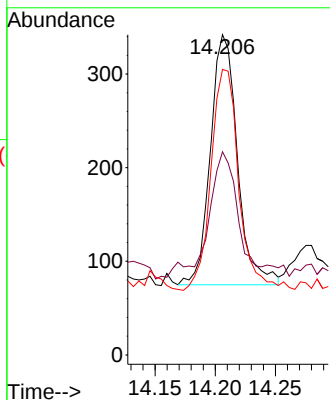
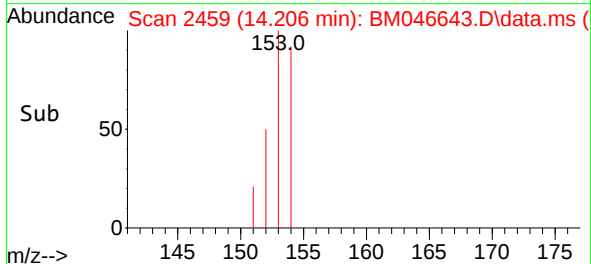
Instrument :
BNA_M
ClientSampleId :
A4BS2



Tgt Ion:153 Resp: 417
Ion Ratio Lower Upper
153 100
152 63.5 43.0 64.6
154 89.2 69.9 104.9

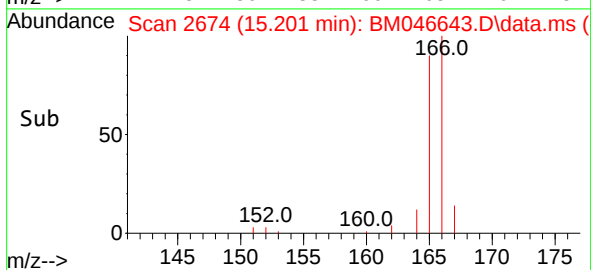
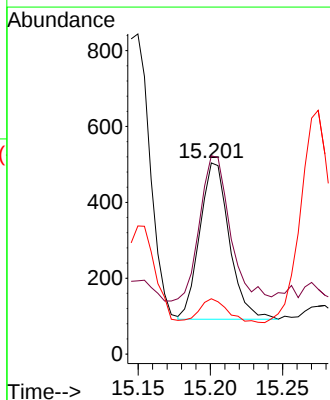
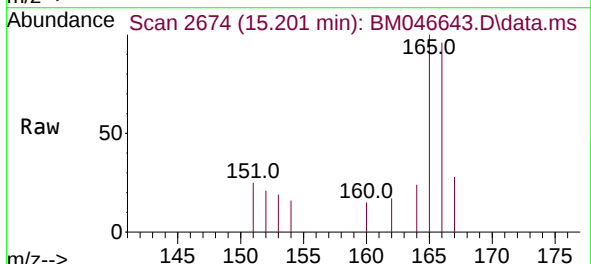
Manual Integrations
APPROVED

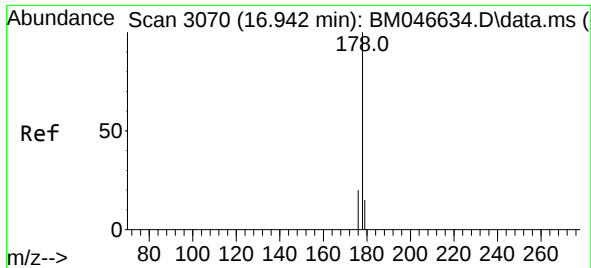
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

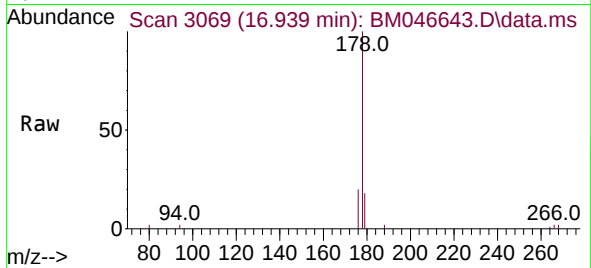
Tgt Ion:166 Resp: 587
Ion Ratio Lower Upper
166 100
165 103.8 76.1 114.1
167 29.0 12.5 18.7#





#15
Phenanthrene
Concen: 0.237 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

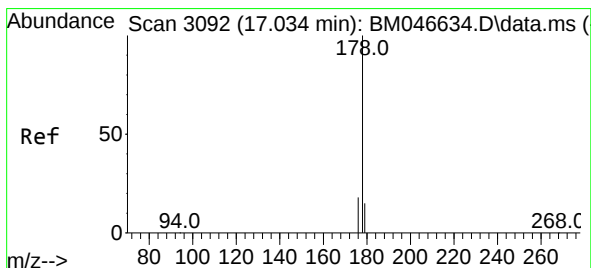
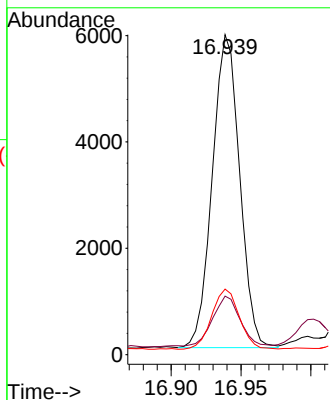
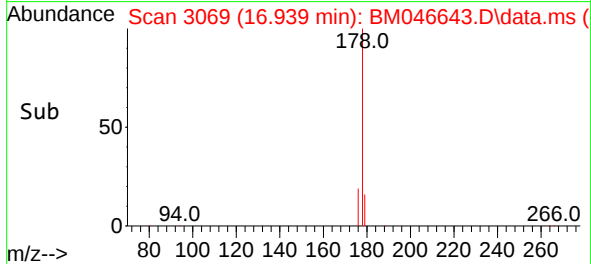
Instrument :
BNA_M
ClientSampleId :
A4BS2



Tgt Ion:178 Resp: 8008
Ion Ratio Lower Upper
178 100
179 18.3 13.1 19.7
176 20.5 16.0 24.0

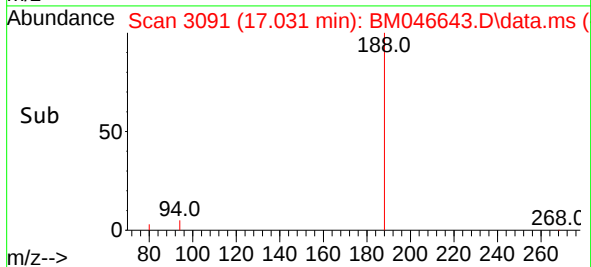
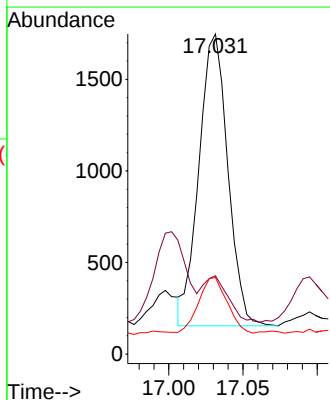
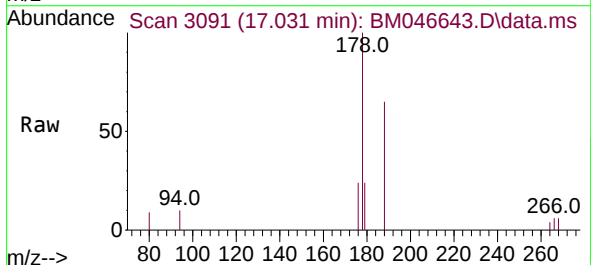
Manual Integrations
APPROVED

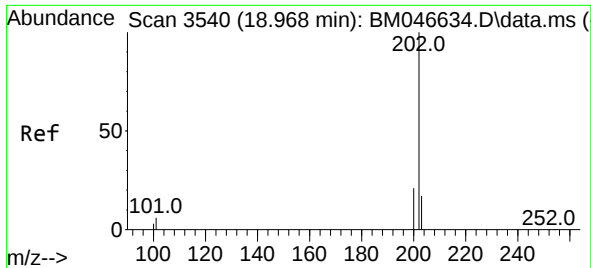
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.065 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

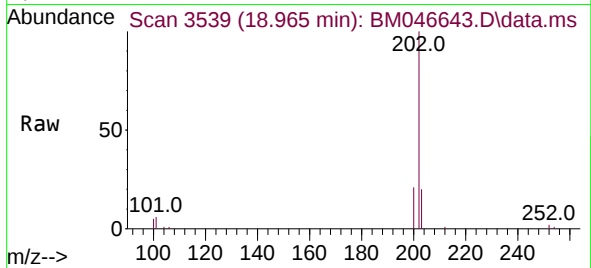
Tgt Ion:178 Resp: 2159
Ion Ratio Lower Upper
178 100
179 24.5 13.5 20.3#
176 23.9 15.7 23.5#





#19
Fluoranthene
Concen: 0.479 ng/u1
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

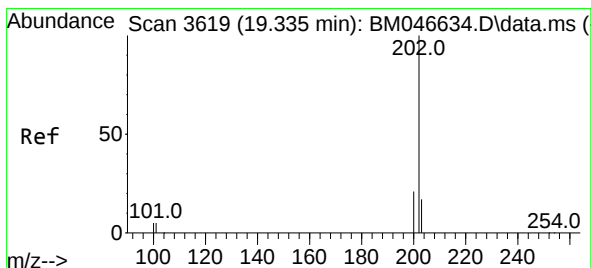
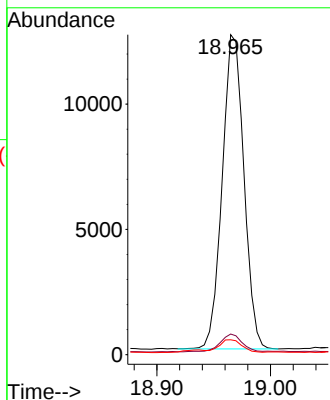
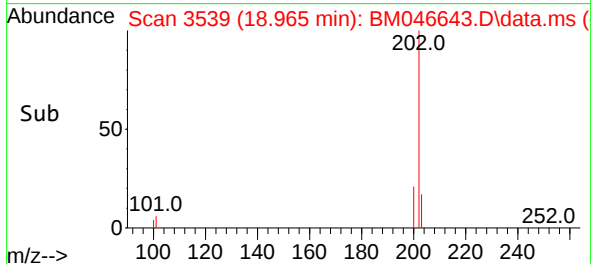
Instrument :
BNA_M
ClientSampleId :
A4BS2



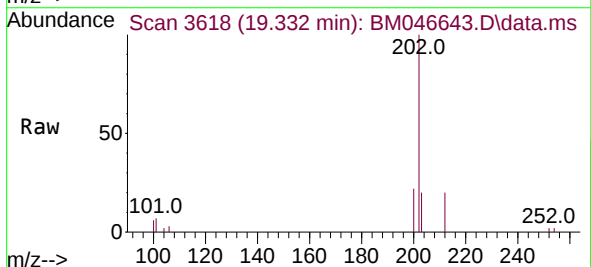
Tgt Ion:202 Resp: 1662
Ion Ratio Lower Upper
202 100
101 6.4 4.6 6.8
100 4.6 3.0 4.6

Manual Integrations
APPROVED

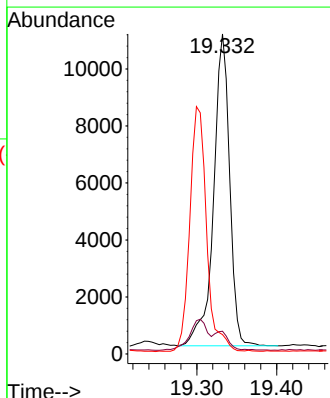
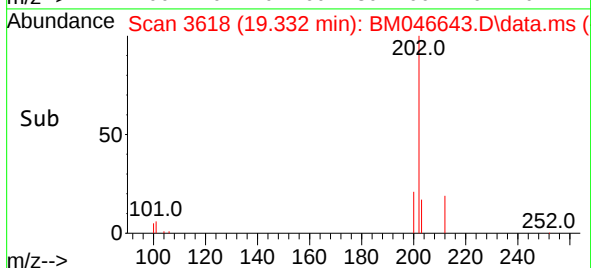
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

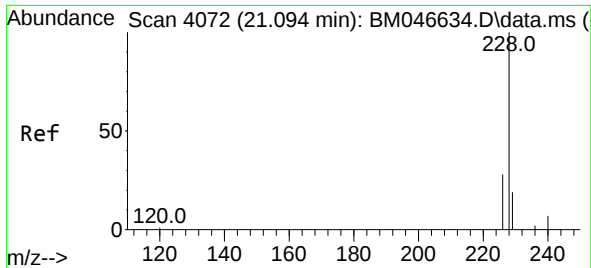


#20
Pyrene
Concen: 0.407 ng/u1
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19



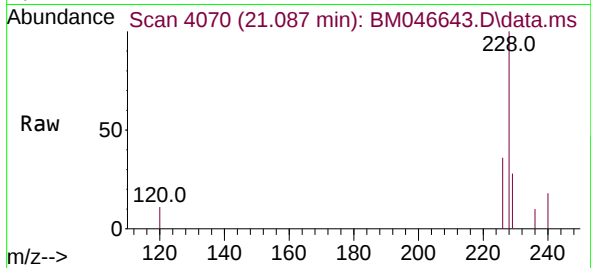
Tgt Ion:202 Resp: 15290
Ion Ratio Lower Upper
202 100
101 7.1 5.1 7.7
100 6.1 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.087 min Scan# 4070
Delta R.T. -0.000 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

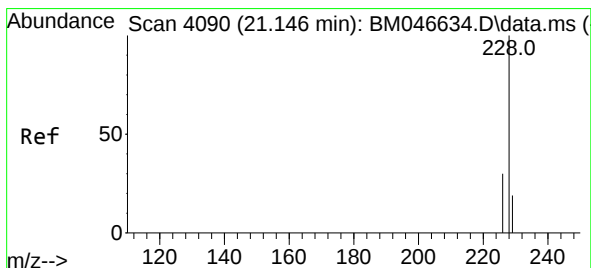
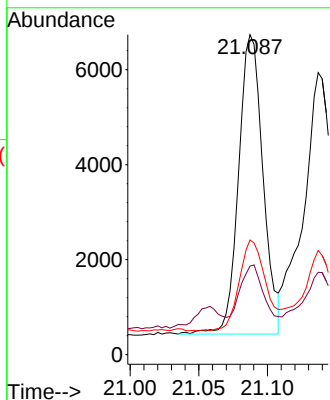
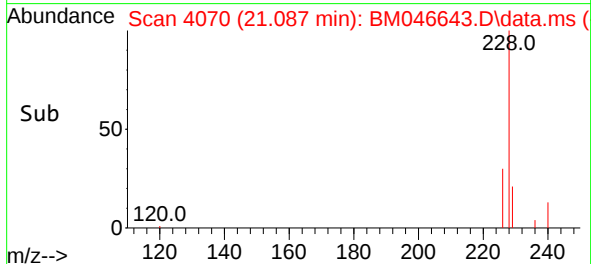
Instrument :
BNA_M
ClientSampleId :
A4BS2



Tgt Ion:228 Resp: 7780
Ion Ratio Lower Upper
228 100
229 27.7 16.5 24.7#
226 35.8 22.5 33.7#

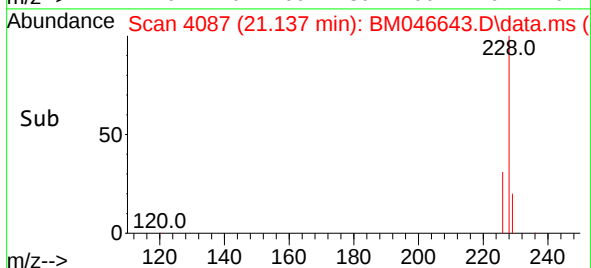
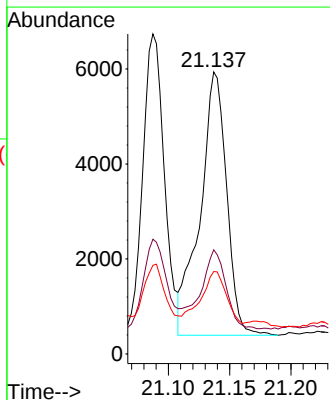
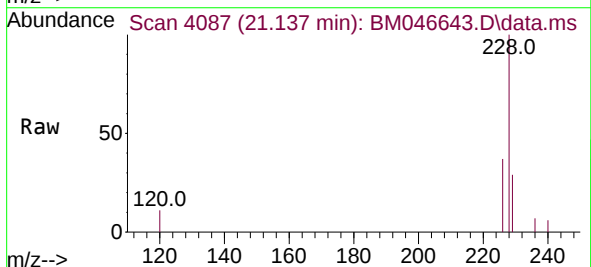
Manual Integrations
APPROVED

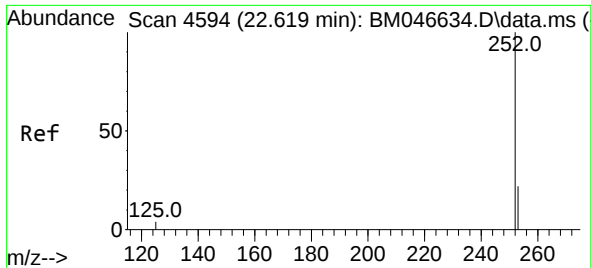
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.231 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

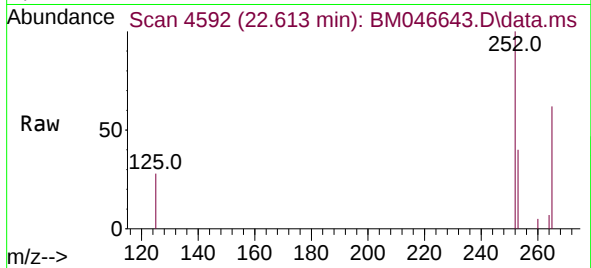
Tgt Ion:228 Resp: 8355
Ion Ratio Lower Upper
228 100
226 36.9 24.3 36.5#
229 29.2 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

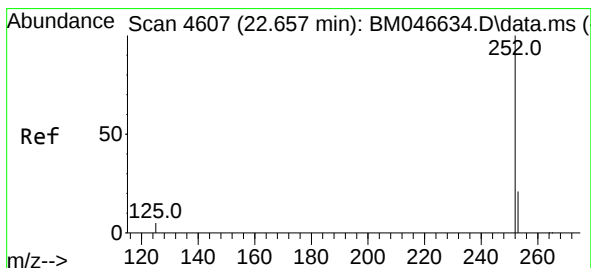
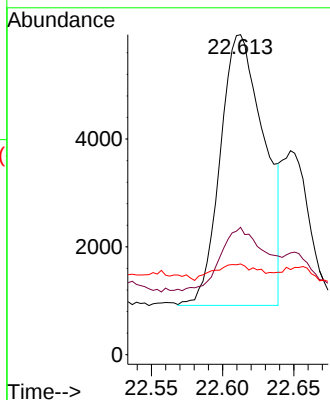
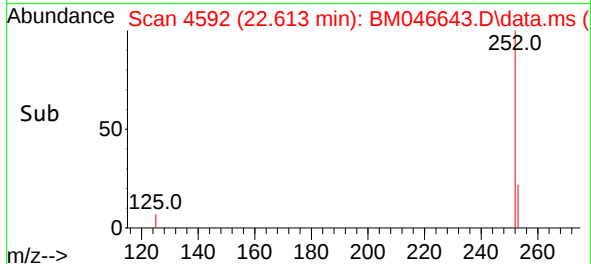
Instrument :
BNA_M
ClientSampleId :
A4BS2



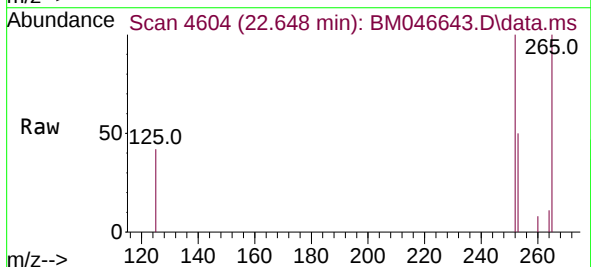
Tgt Ion:252 Resp: 1080
Ion Ratio Lower Upper
252 100
253 39.8 0.0 56.2
125 28.4 0.0 17.8

Manual Integrations
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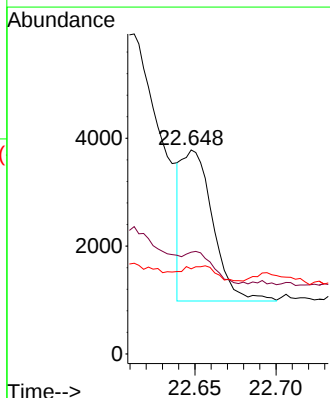
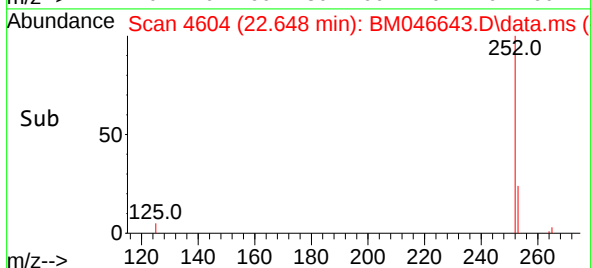
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

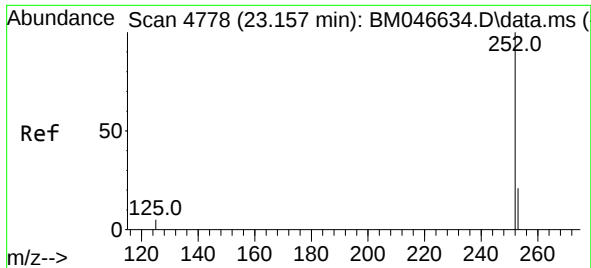


#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19



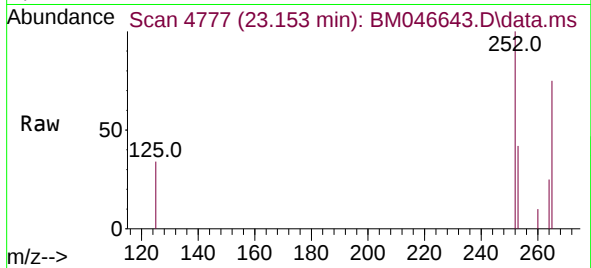
Tgt Ion:252 Resp: 3790
Ion Ratio Lower Upper
252 100
253 49.9 22.4 33.6#
125 41.7 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.235 ng/ul
RT: 23.153 min Scan# 4777
Delta R.T. 0.003 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

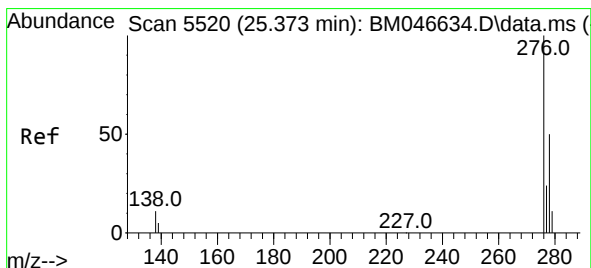
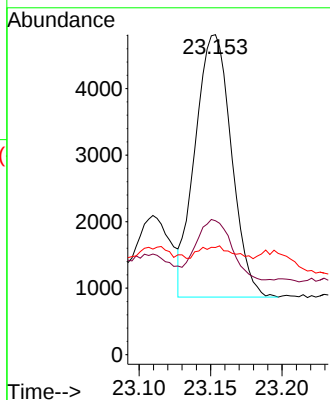
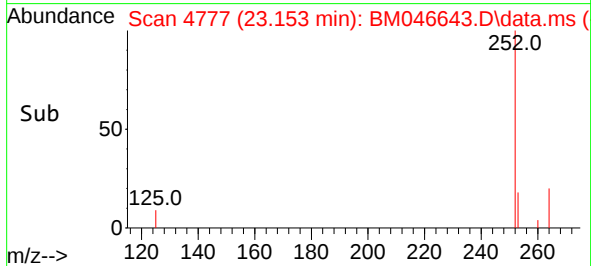
Instrument :
BNA_M
ClientSampleId :
A4BS2



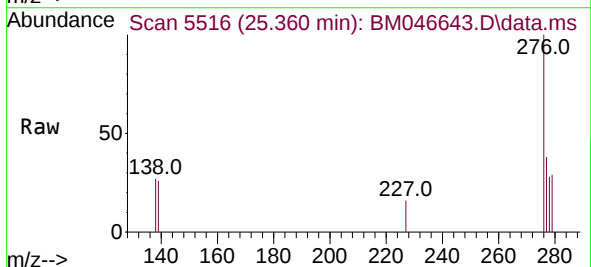
Tgt Ion:252 Resp: 6960
Ion Ratio Lower Upper
252 100
253 41.8 24.0 36.0#
125 33.5 8.2 12.2#

Manual Integrations
APPROVED

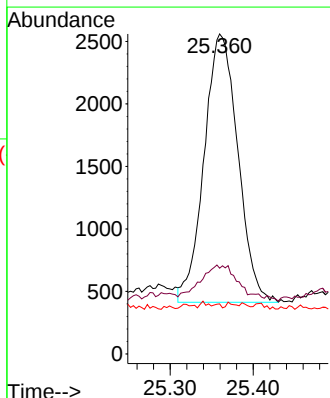
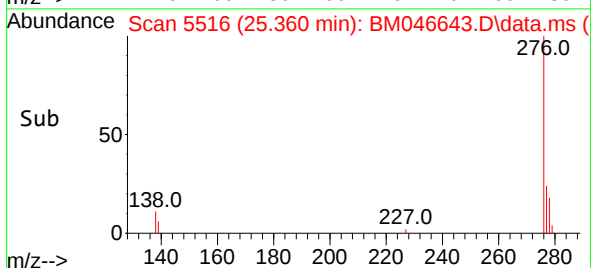
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

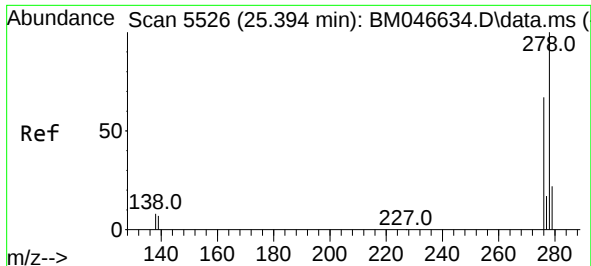


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. -0.000 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19



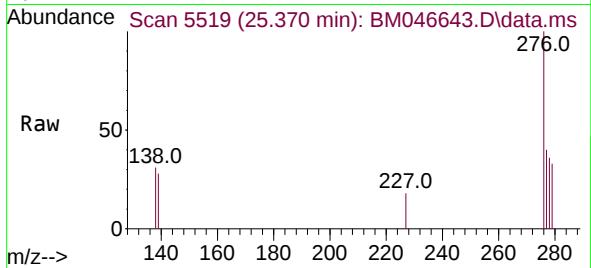
Tgt Ion:276 Resp: 6060
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
227 0.7 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.370 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

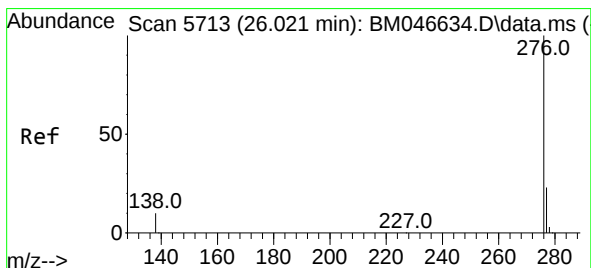
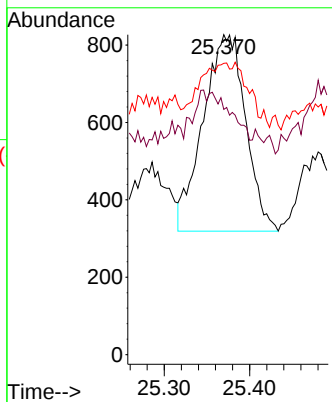
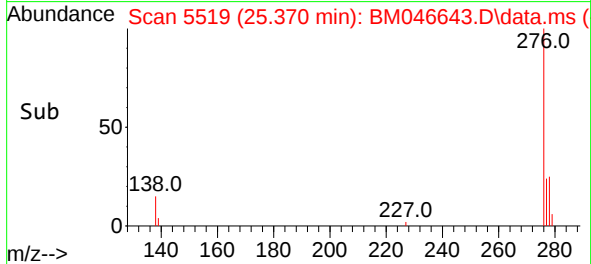
Instrument :
BNA_M
ClientSampleId :
A4BS2



Tgt Ion:278 Resp: 175
Ion Ratio Lower Upper
278 100
139 76.7 9.1 13.7
279 91.1 23.2 34.8

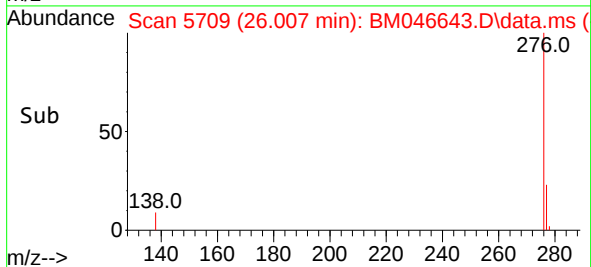
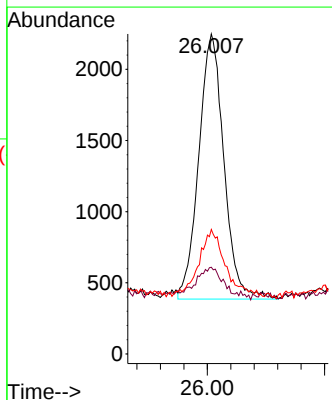
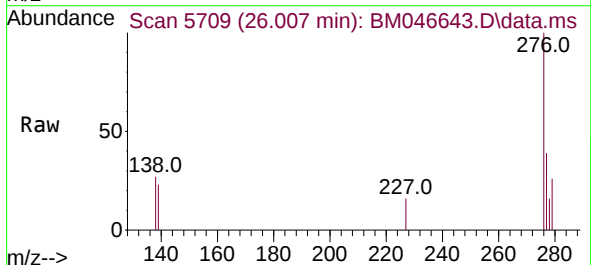
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046643.D
Acq: 16 Jul 2024 21:19

Tgt Ion:276 Resp: 5548
Ion Ratio Lower Upper
276 100
138 27.1 10.2 15.4#
277 38.9 20.9 31.3#



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046643.D
 Acq On : 16 Jul 2024 21:19
 Operator : MA/JU
 Sample : P3177-04
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 00:39:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	8102	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	5592	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	11845	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8451	0.400	ng/ul #	0.00
23) Perylene-d12	23.244	264	9023	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	5476	2.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2556	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	6241	0.243	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	758	0.037	ng/ul#	75
10) Acenaphthylene	13.864	152	1174	0.046	ng/ul#	79
11) Acenaphthene	14.206	153	417	0.024	ng/ul	94
12) Fluorene	15.201	166	587	0.028	ng/ul#	88
15) Phenanthrene	16.939	178	8008	0.237	ng/ul	97
16) Anthracene	17.031	178	2159	0.065	ng/ul#	87
19) Fluoranthene	18.965	202	16623	0.479	ng/ul#	98
20) Pyrene	19.332	202	15290	0.407	ng/ul#	97
21) Benzo(a)anthracene	21.087	228	7786	0.208	ng/ul#	85
22) Chrysene	21.137	228	8355	0.231	ng/ul#	85
24) Benzo(b)fluoranthene	22.613	252	10803m	0.300	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	3790m	0.107	ng/ul	
26) Benzo(a)pyrene	23.153	252	6966	0.235	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.360	276	6060	0.134	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	1757	0.049	ng/ul#	1
29) Benzo(g,h,i)perylene	26.007	276	5548	0.154	ng/ul#	71

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