

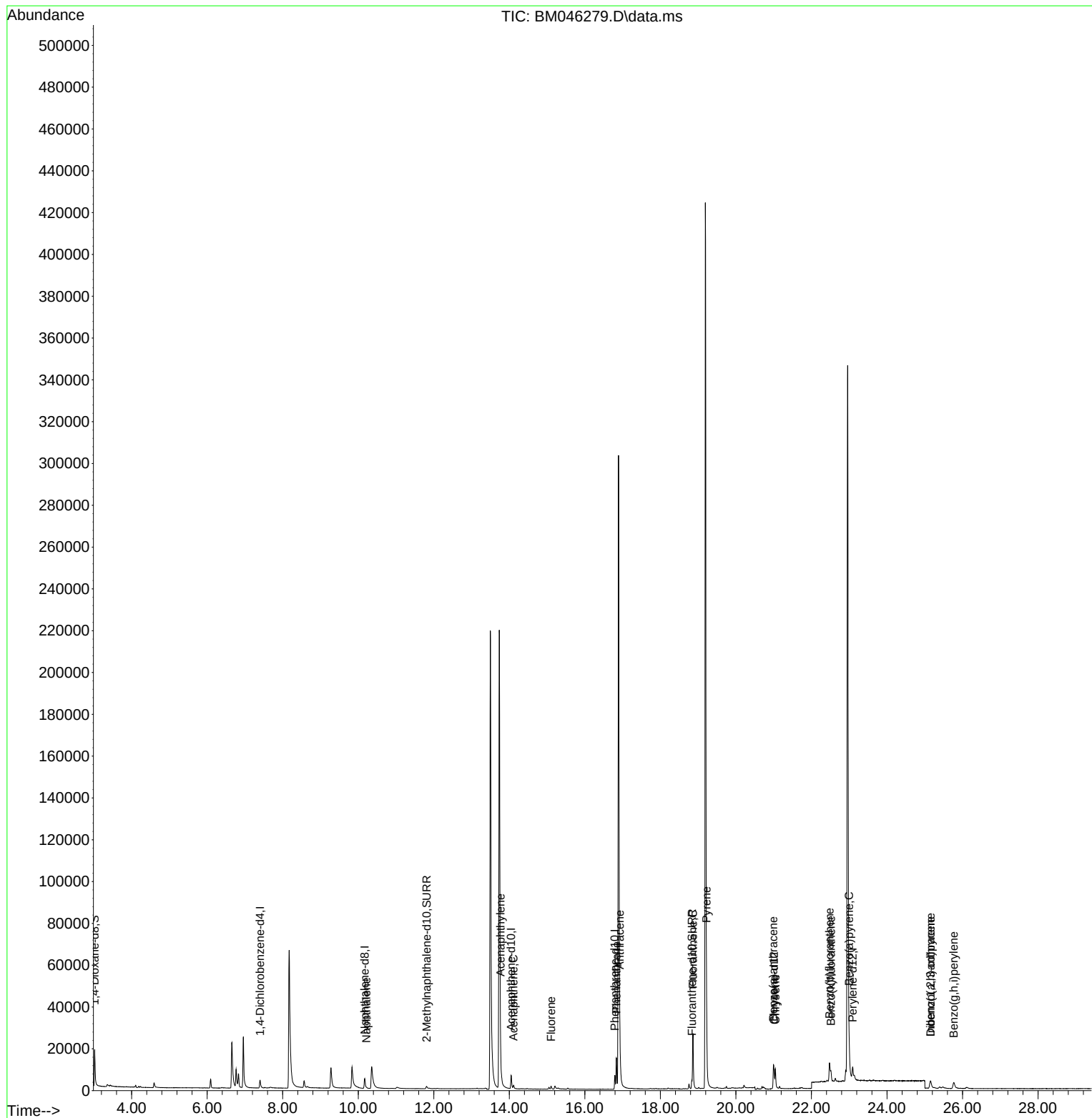
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046279.D
Acq On : 25 Jun 2024 07:27
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

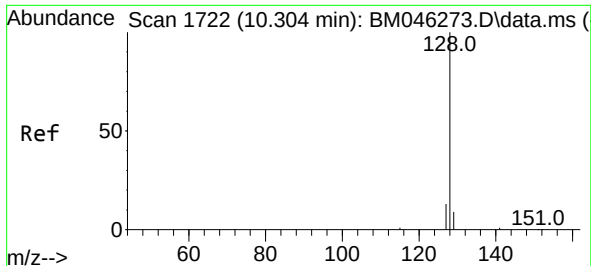
Instrument :
BNA_M
ClientSampleId :
A4C81

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

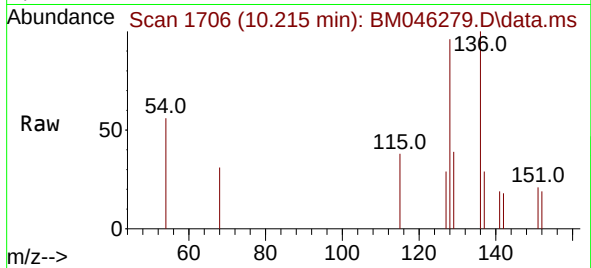
Quant Time: Jun 25 08:05:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.215 min Scan# 1706
Delta R.T. -0.089 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

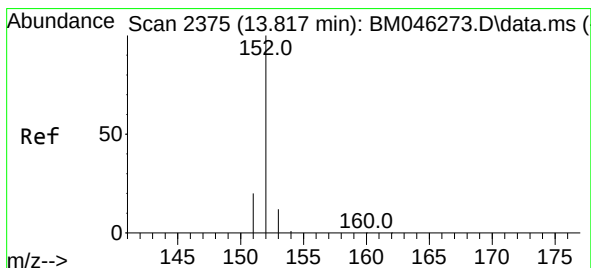
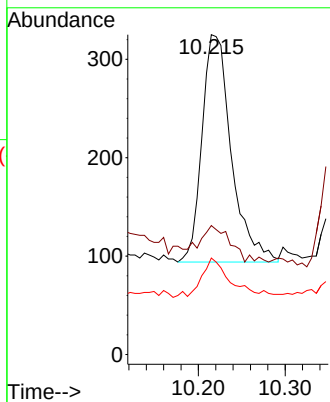
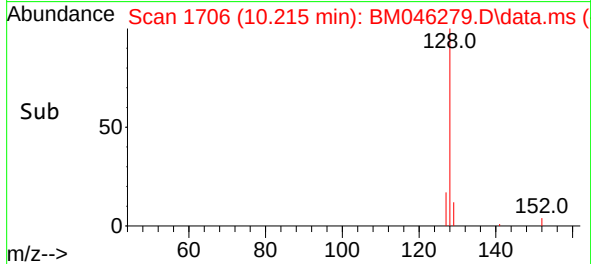
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:128 Resp: 54.3
Ion Ratio Lower Upper
128 100
129 40.3 11.8 17.6
127 30.2 12.8 19.2

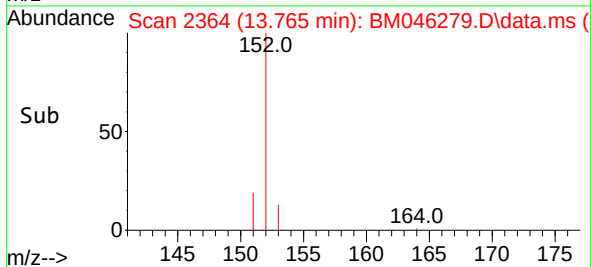
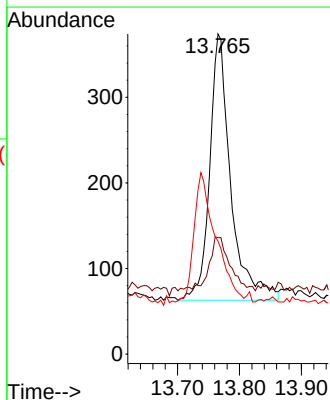
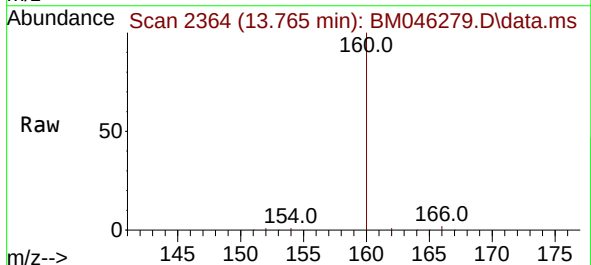
Manual Integrations
APPROVED

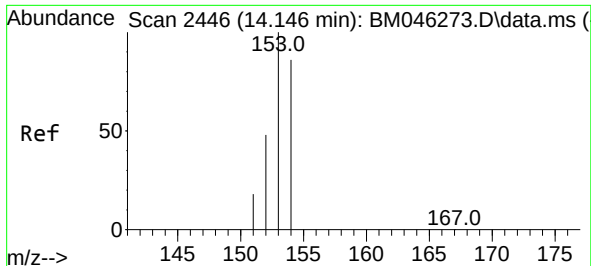
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.765 min Scan# 2364
Delta R.T. -0.052 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

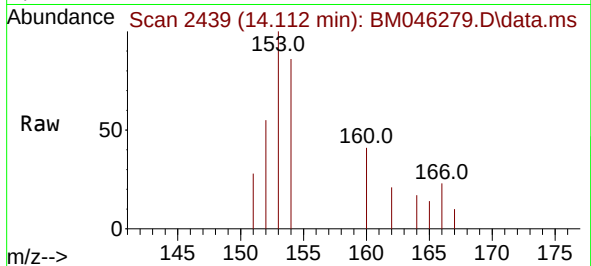
Tgt Ion:152 Resp: 735
Ion Ratio Lower Upper
152 100
151 36.4 17.4 26.2#
153 35.3 11.8 17.8#





#11
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.112 min Scan# 2446
Delta R.T. -0.034 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

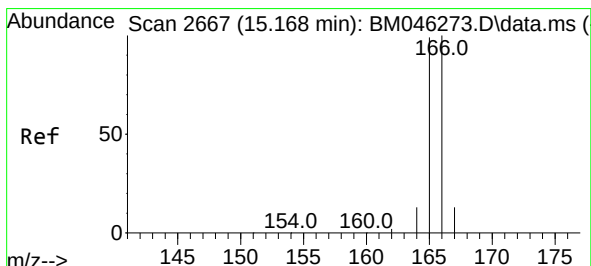
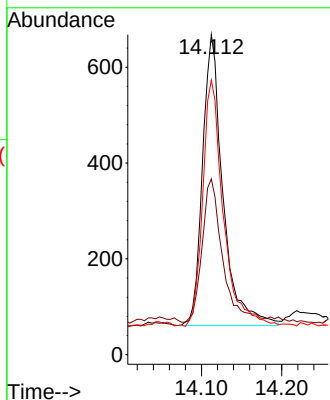
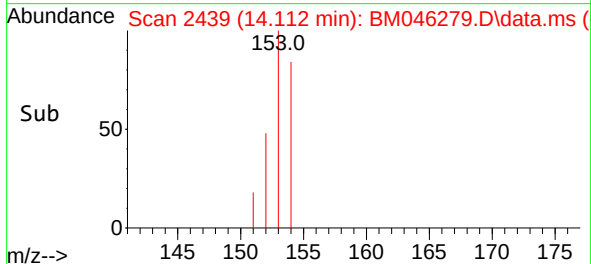
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:153 Resp: 1074
Ion Ratio Lower Upper
153 100
152 54.9 41.3 61.9
154 85.8 68.2 102.4

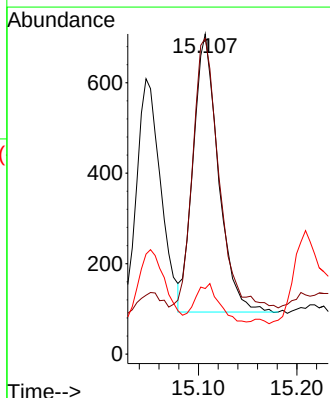
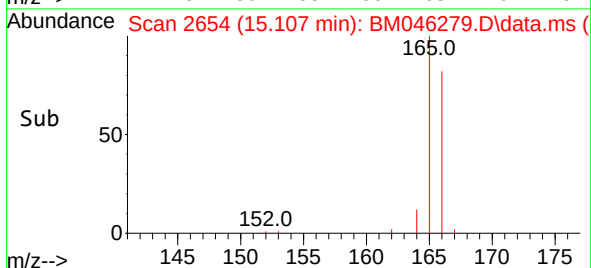
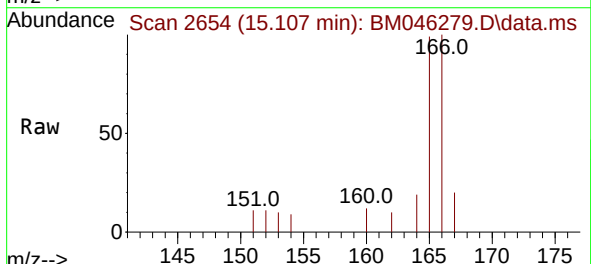
Manual Integrations
APPROVED

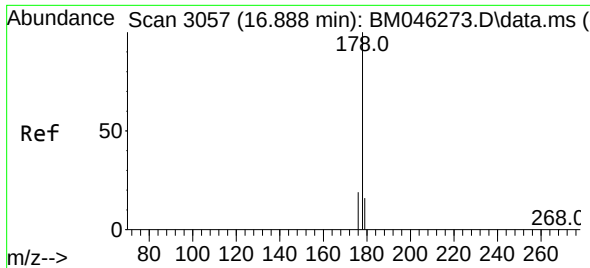
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.107 min Scan# 2654
Delta R.T. -0.061 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

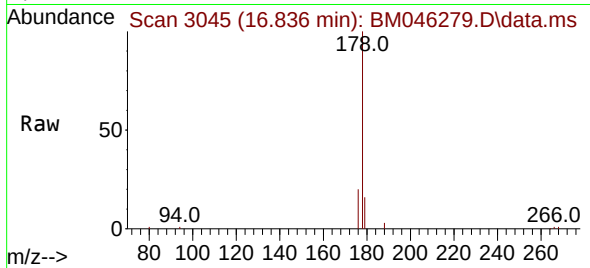
Tgt Ion:166 Resp: 1090
Ion Ratio Lower Upper
166 100
165 98.6 80.4 120.6
167 20.5 12.4 18.6#





#15
Phenanthrene
Concen: 0.725 ng/ul m
RT: 16.836 min Scan# 3045
Delta R.T. -0.052 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

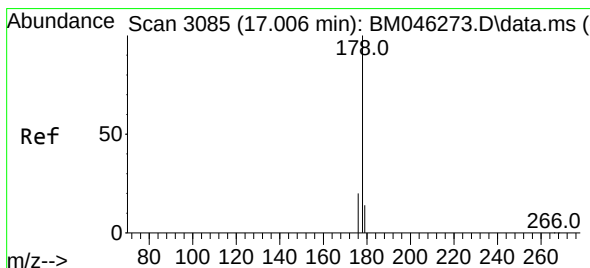
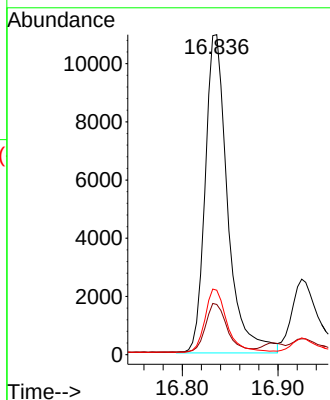
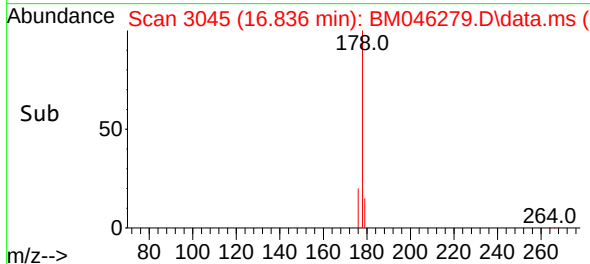
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:178 Resp: 17870
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 20.1 17.1 25.7

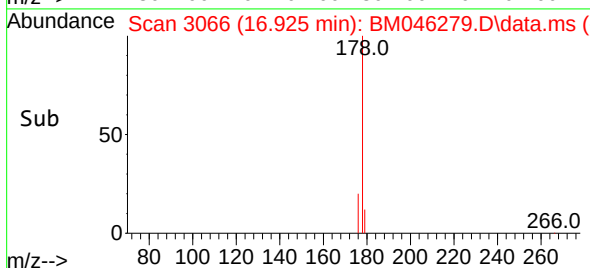
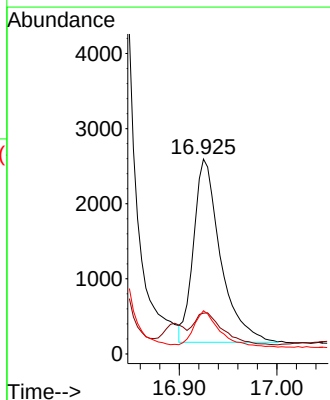
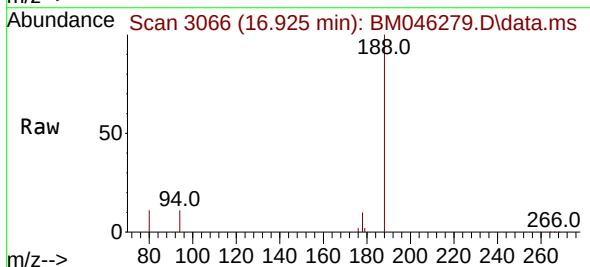
Manual Integrations
APPROVED

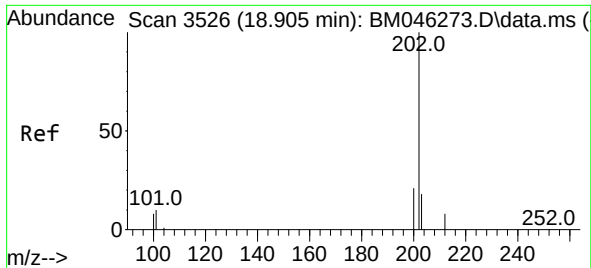
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.255 ng/ul m
RT: 16.925 min Scan# 3066
Delta R.T. -0.081 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

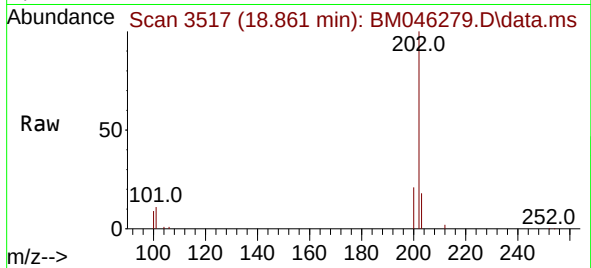
Tgt Ion:178 Resp: 4671
Ion Ratio Lower Upper
178 100
179 20.9 14.9 22.3
176 22.2 17.0 25.4





#19
Fluoranthene
Concen: 0.955 ng/u1
RT: 18.861 min Scan# 3517
Delta R.T. -0.043 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

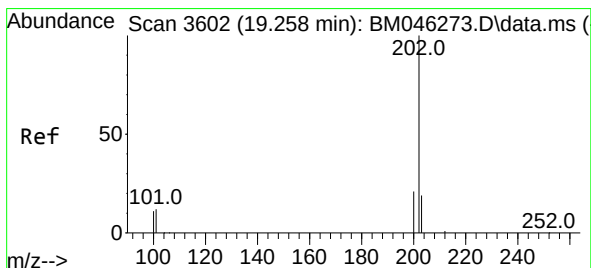
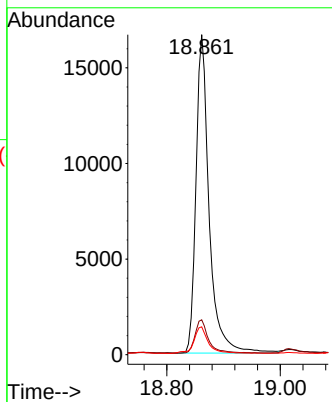
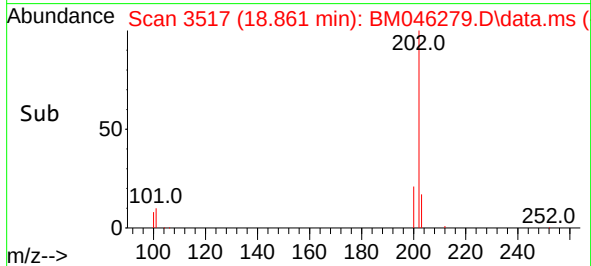
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:202 Resp: 2679
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.7 7.6 11.4

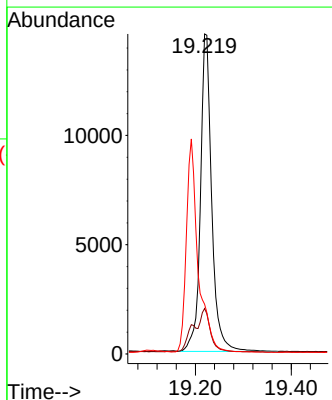
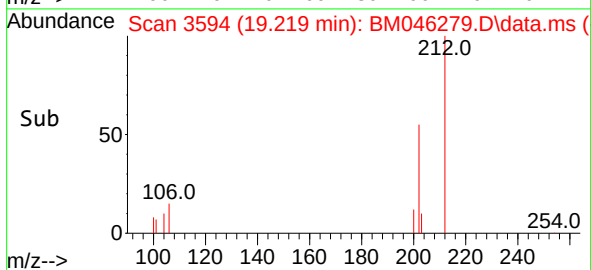
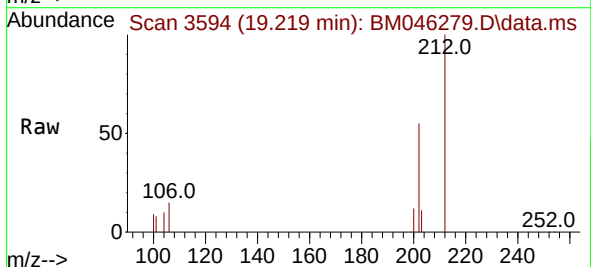
Manual Integrations
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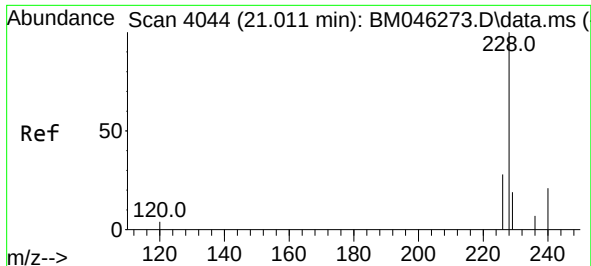
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 0.779 ng/u1
RT: 19.219 min Scan# 3594
Delta R.T. -0.038 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

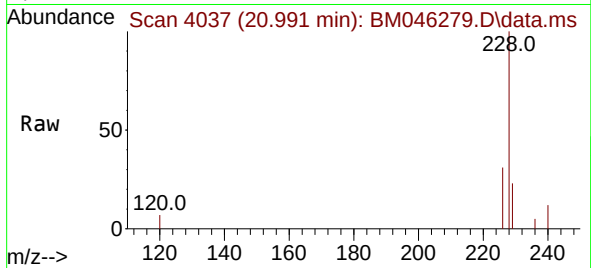
Tgt Ion:202 Resp: 23634
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 15.5 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.446 ng/u1
RT: 20.991 min Scan# 4044
Delta R.T. -0.020 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

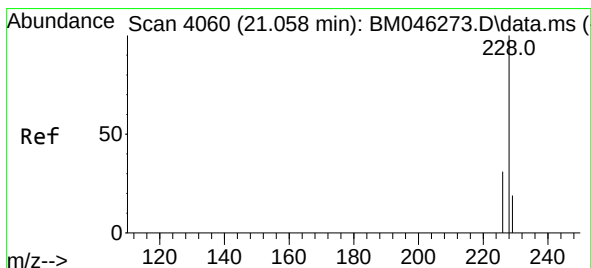
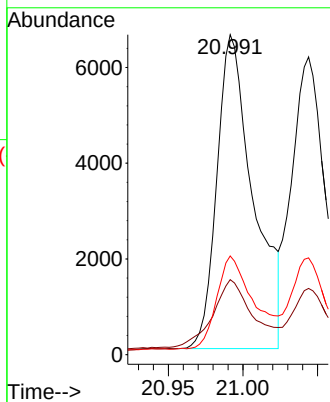
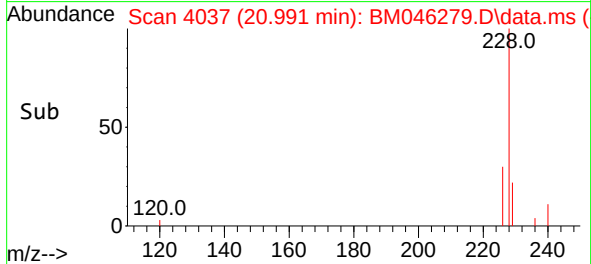
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:228 Resp: 1115
Ion Ratio Lower Upper
228 100
229 23.4 16.4 24.6
226 30.9 23.4 35.2

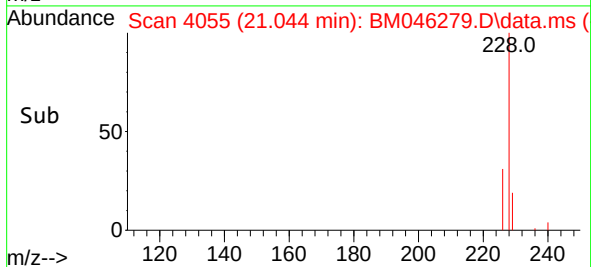
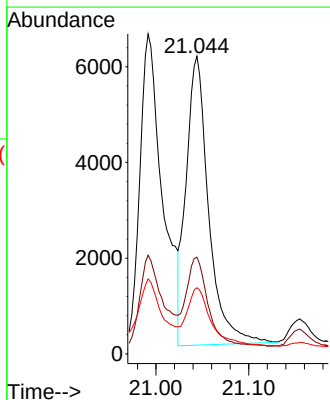
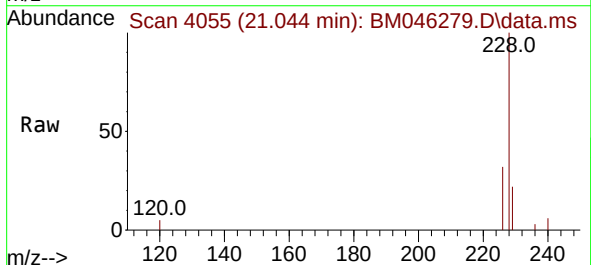
Manual Integrations
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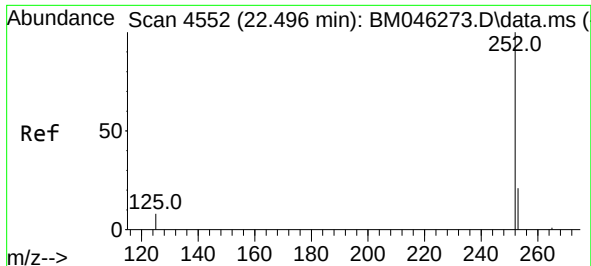
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.319 ng/u1
RT: 21.044 min Scan# 4055
Delta R.T. -0.014 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

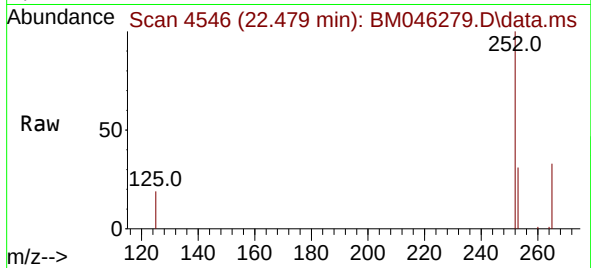
Tgt Ion:228 Resp: 10177
Ion Ratio Lower Upper
228 100
226 32.5 25.2 37.8
229 22.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.616 ng/ul m
RT: 22.479 min Scan# 4546
Delta R.T. -0.017 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

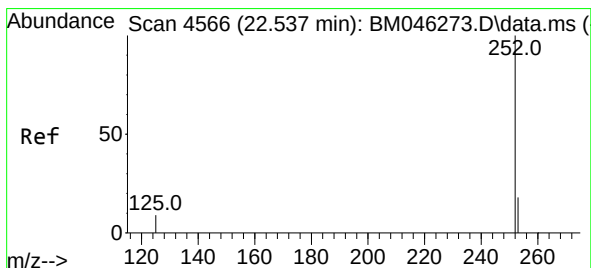
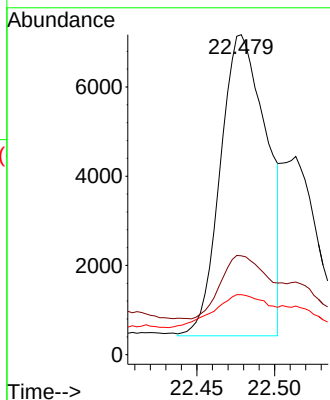
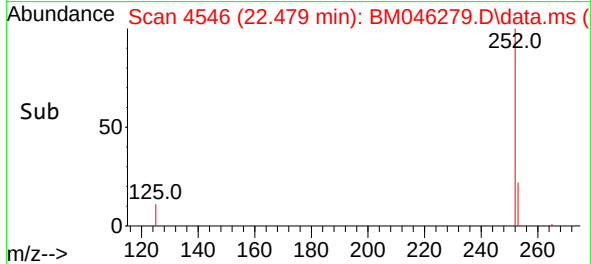
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:252 Resp: 1393
Ion Ratio Lower Upper
252 100
253 30.9 0.0 65.8
125 18.8 0.0 40.2

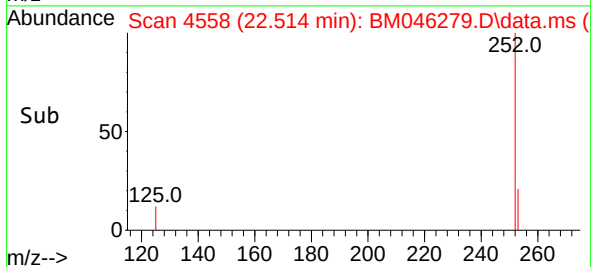
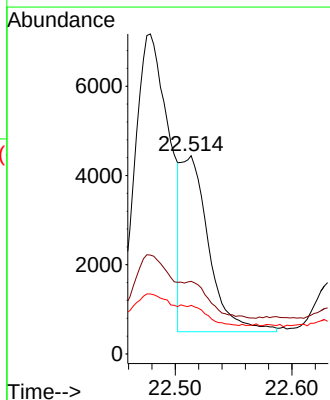
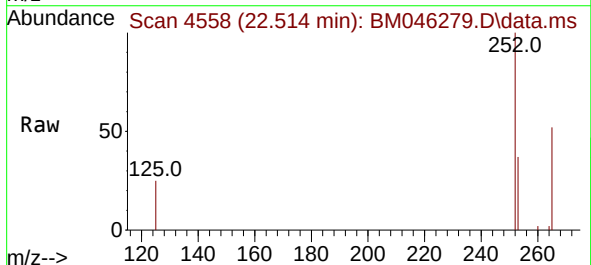
Manual Integrations
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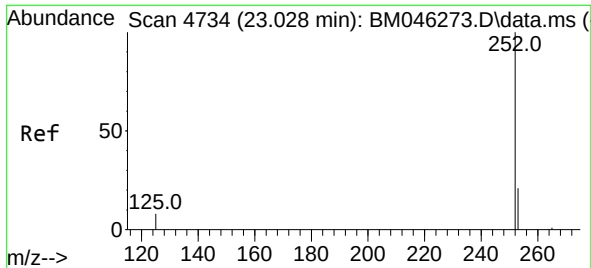
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul m
RT: 22.514 min Scan# 4558
Delta R.T. -0.023 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

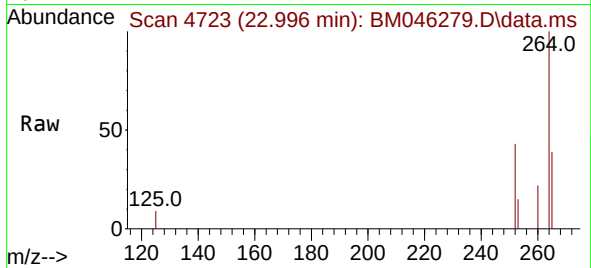
Tgt Ion:252 Resp: 6594
Ion Ratio Lower Upper
252 100
253 36.6 27.2 40.8
125 24.5 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.484 ng/ul m
RT: 22.996 min Scan# 4734
Delta R.T. -0.032 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

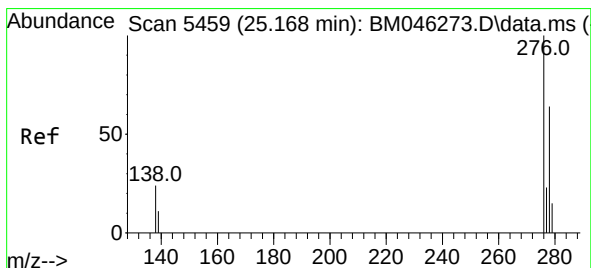
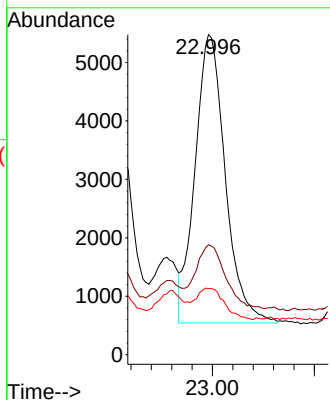
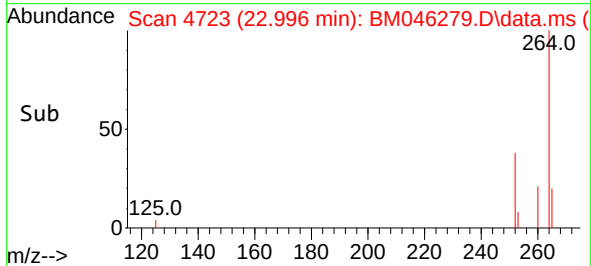
Instrument :
BNA_M
ClientSampleId :
A4C81



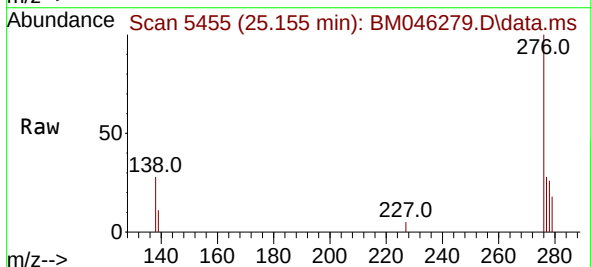
Tgt Ion:252 Resp: 1016
Ion Ratio Lower Upper
252 100
253 34.3 32.1 48.1
125 20.6 21.2 31.8

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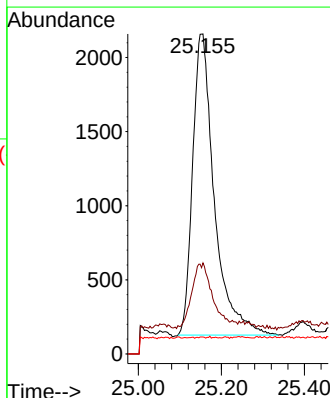
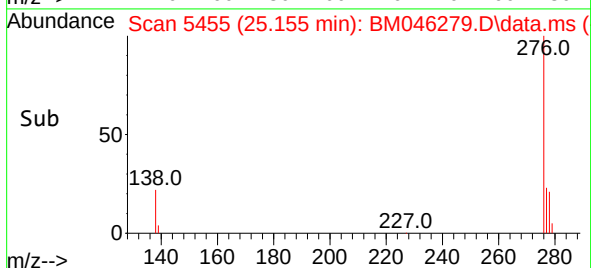
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

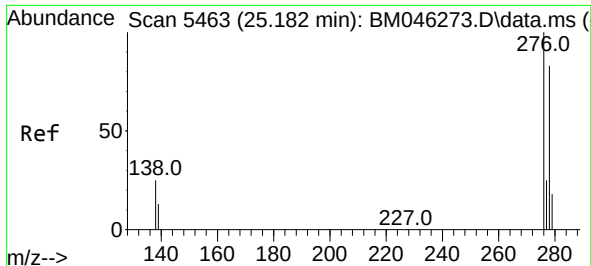


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.013 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27



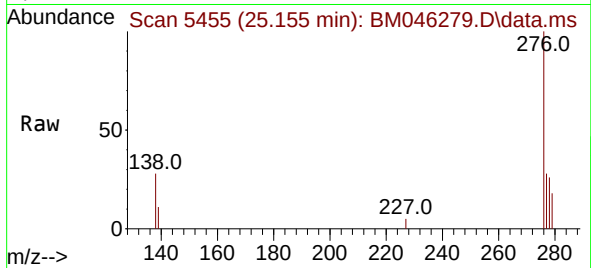
Tgt Ion:276 Resp: 7366
Ion Ratio Lower Upper
276 100
138 24.4 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 25.155 min Scan# 5463
Delta R.T. -0.026 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

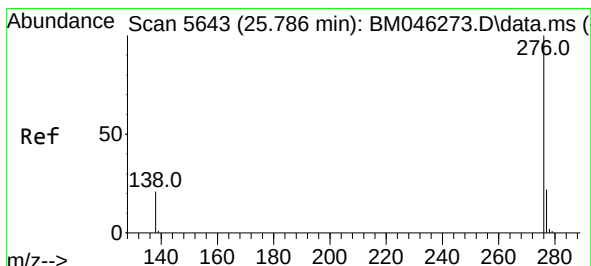
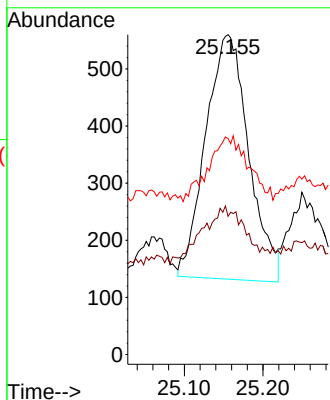
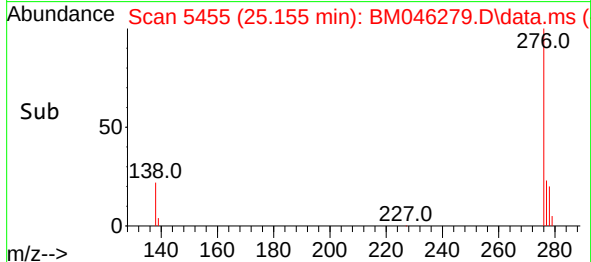
Instrument :
BNA_M
ClientSampleId :
A4C81



Tgt Ion:278 Resp: 1629
Ion Ratio Lower Upper
278 100
139 43.2 17.6 26.4
279 67.5 26.3 39.5

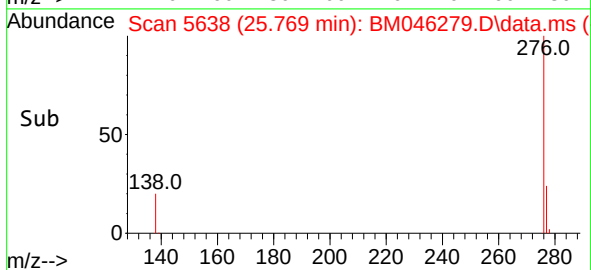
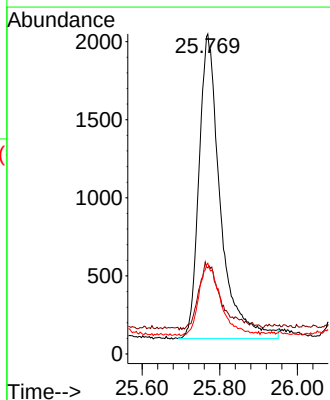
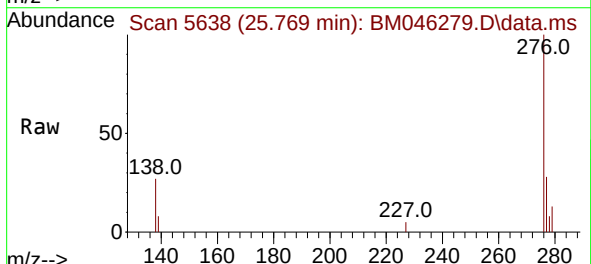
Manual Integrations
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Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.252 ng/ul
RT: 25.769 min Scan# 5638
Delta R.T. -0.016 min
Lab File: BM046279.D
Acq: 25 Jun 2024 07:27

Tgt Ion:276 Resp: 7434
Ion Ratio Lower Upper
276 100
138 26.9 21.7 32.5
277 28.4 20.4 30.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046279.D
 Acq On : 25 Jun 2024 07:27
 Operator : MA/JU
 Sample : P2844-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C81

Manual Integrations
 APPROVED

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Quant Time: Jun 25 08:05:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2527	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.171	136	7820	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.047	164	4136	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.794	188	8768m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.009	240	6481	0.400	ng/ul	-0.02
23) Perylene-d12	23.093	264	6284m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	10537	3.039	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.810	152	2347	0.224	ng/ul	-0.06
18) Fluoranthene-d10	18.834	212	5014	0.258	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.215	128	543	0.025	ng/ul#	53
10) Acenaphthylene	13.765	152	735	0.037	ng/ul#	62
11) Acenaphthene	14.112	153	1074	0.076	ng/ul	98
12) Fluorene	15.107	166	1090	0.072	ng/ul#	97
15) Phenanthrene	16.836	178	17870m	0.725	ng/ul	
16) Anthracene	16.925	178	4671m	0.255	ng/ul	
19) Fluoranthene	18.861	202	26795	0.955	ng/ul	97
20) Pyrene	19.219	202	23634	0.779	ng/ul#	96
21) Benzo(a)anthracene	20.991	228	11153	0.446	ng/ul	96
22) Chrysene	21.044	228	10177	0.319	ng/ul	97
24) Benzo(b)fluoranthene	22.479	252	13935m	0.616	ng/ul	
25) Benzo(k)fluoranthene	22.514	252	6594m	0.245	ng/ul	
26) Benzo(a)pyrene	22.996	252	10163m	0.484	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.155	276	7366	0.215	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.155	278	1629	0.064	ng/ul#	45
29) Benzo(g,h,i)perylene	25.769	276	7434	0.252	ng/ul	97

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