

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042127.D
 Acq On : 28 Sep 2023 22:39
 Operator : MA/JU
 Sample : 04480-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 04:41:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3094	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.752	136	8189	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	4465	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.337	188	10738	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.510	240	6550	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	7693	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	21512	5.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4621	0.451	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	10844	0.402	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	6462	1.457	ng/ul#	84
5) Naphthalene	10.801	128	838450	30.563	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	143813	8.794	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	208245	12.543	ng/ul	99
11) Acenaphthene	14.648	153	4302	0.188	ng/ul	91
12) Fluorene	15.633	166	9230	0.357	ng/ul	99
15) Phenanthrene	17.379	178	13067	0.262	ng/ul#	94
16) Anthracene	17.472	178	930	0.022	ng/ul#	55
22) Chrysene	21.545	228	1461m	0.028	ng/ul	

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

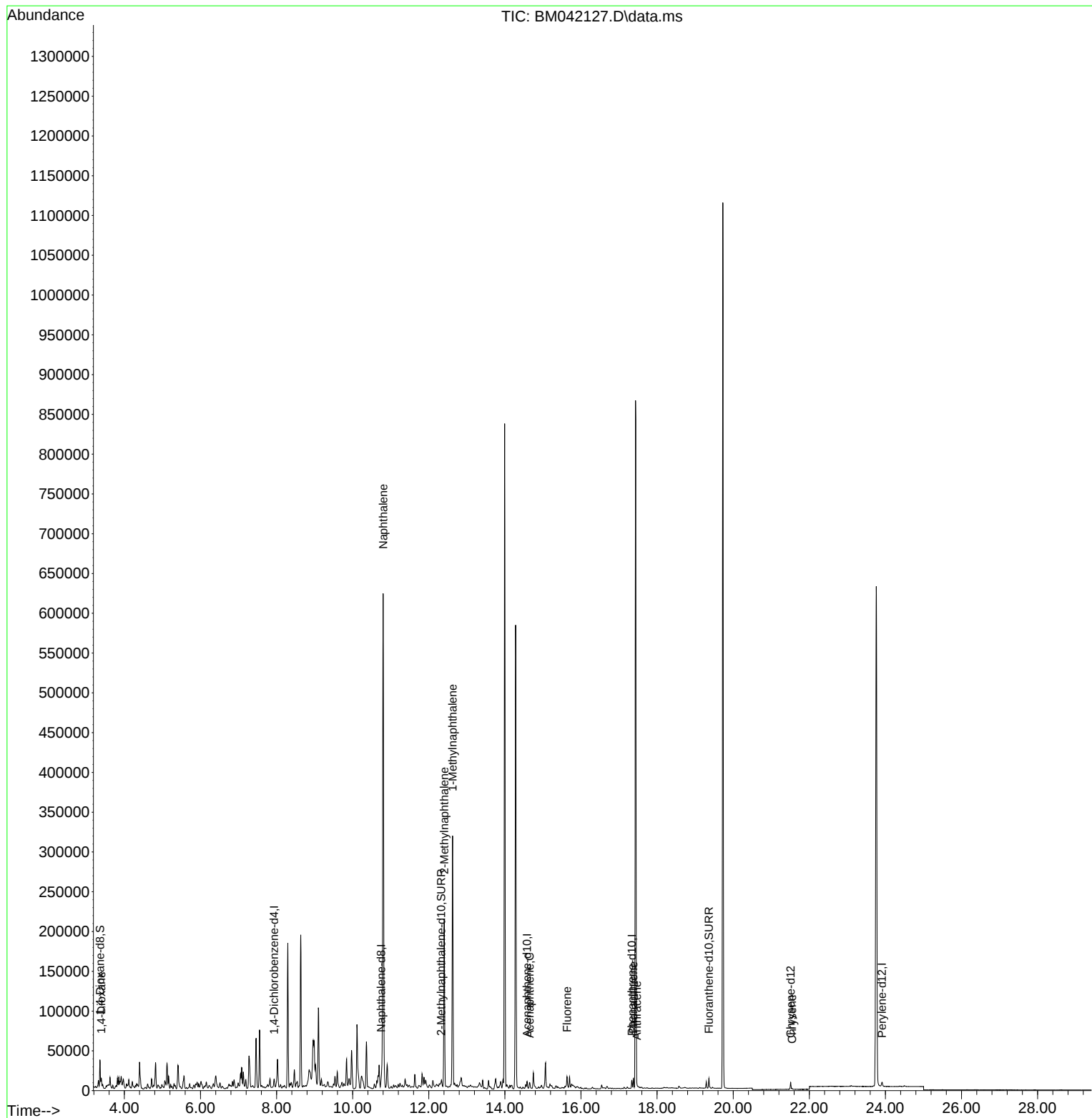
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042127.D
Acq On : 28 Sep 2023 22:39
Operator : MA/JU
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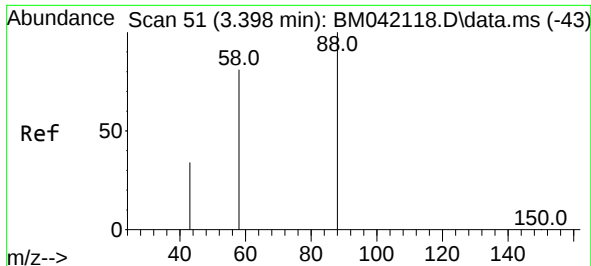
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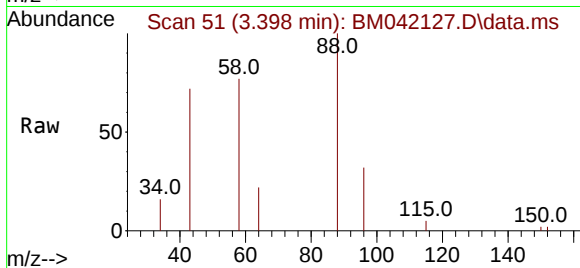
Quant Time: Sep 29 04:41:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.457 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM042127.D
Acq: 28 Sep 2023 22:39

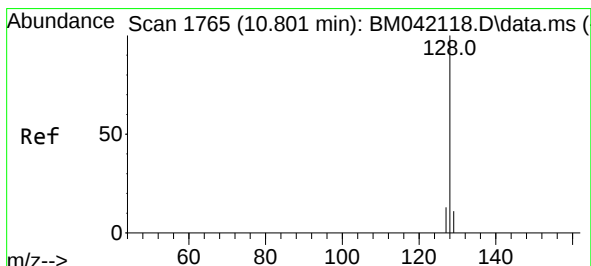
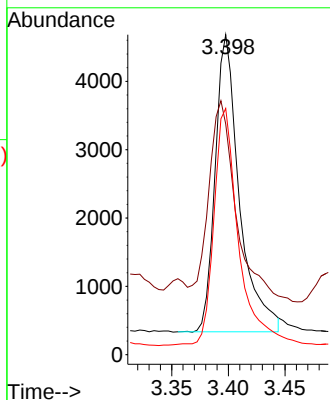
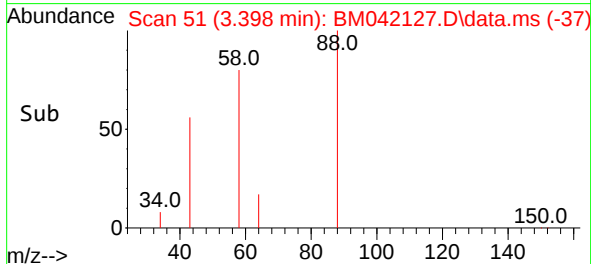
Instrument :
BNA_M
ClientSampleId :
BBJY5



Tgt Ion: 88 Resp: 6462
Ion Ratio Lower Upper
88 100
43 72.1 42.9 64.3
58 76.9 56.4 84.6

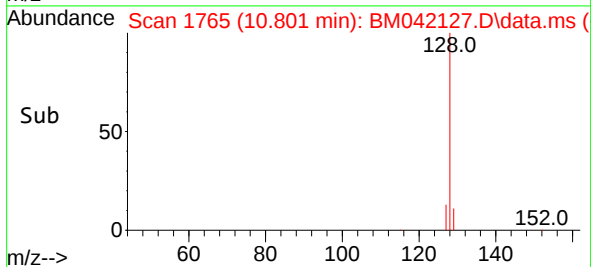
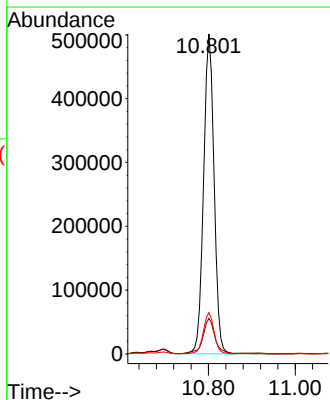
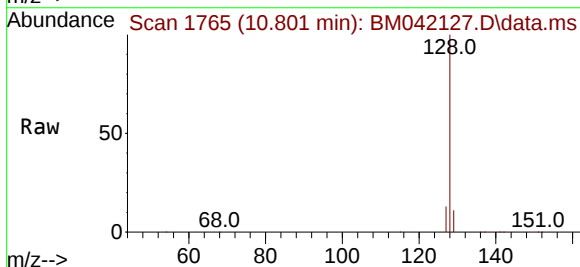
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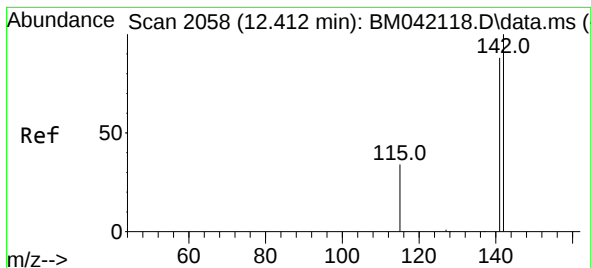
Reviewed By :Yogesh Patel 09/29/2023
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#5
Naphthalene
Concen: 30.563 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM042127.D
Acq: 28 Sep 2023 22:39

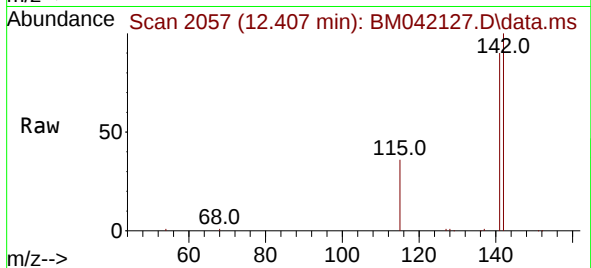
Tgt Ion:128 Resp: 838450
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.9 10.8 16.2





#7
2-Methylnaphthalene
Concen: 8.794 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BM042127.D
Acq: 28 Sep 2023 22:39

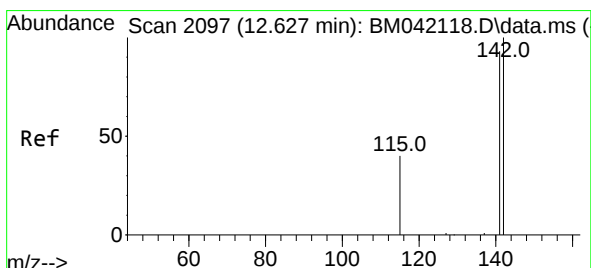
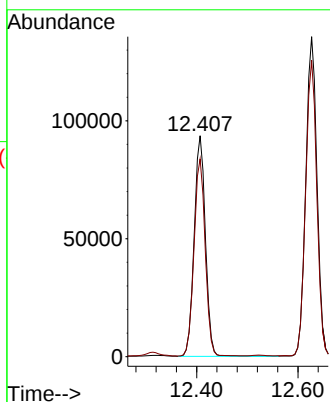
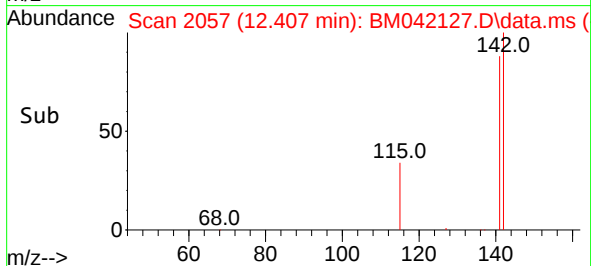
Instrument :
BNA_M
ClientSampleId :
BBJY5



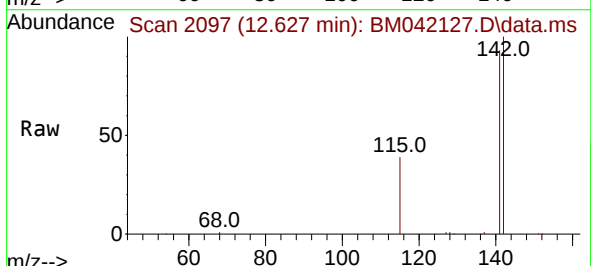
Tgt Ion:142 Resp: 14381
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1

Manual Integrations
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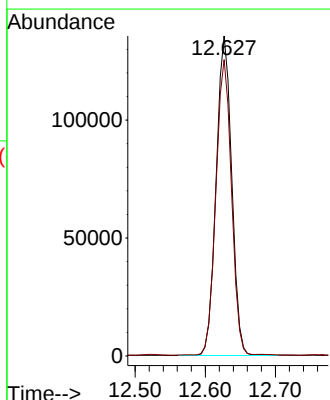
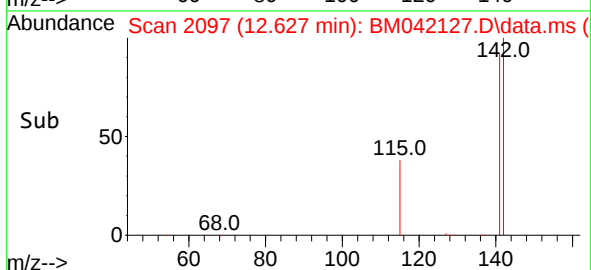
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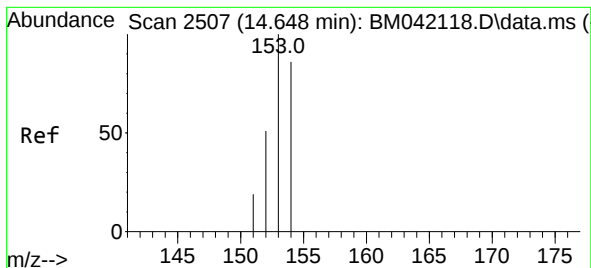


#8
1-Methylnaphthalene
Concen: 12.543 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM042127.D
Acq: 28 Sep 2023 22:39



Tgt Ion:142 Resp: 208245
Ion Ratio Lower Upper
142 100
141 92.5 75.1 112.7





#11

Acenaphthene

Concen: 0.188 ng/ul

RT: 14.648 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042127.D

Acq: 28 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

BBJY5

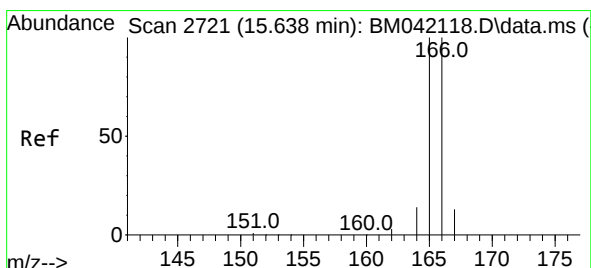
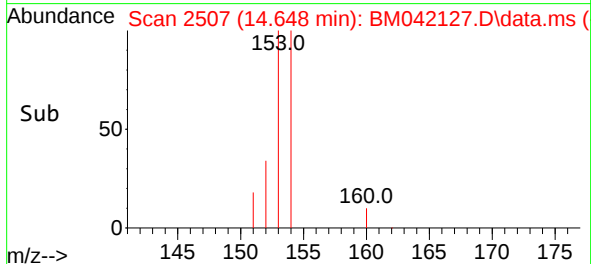
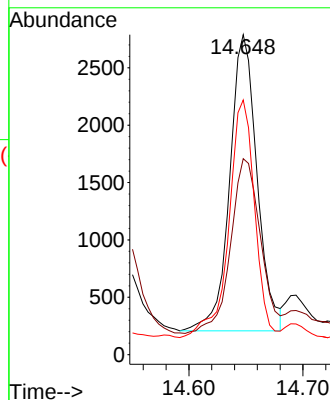
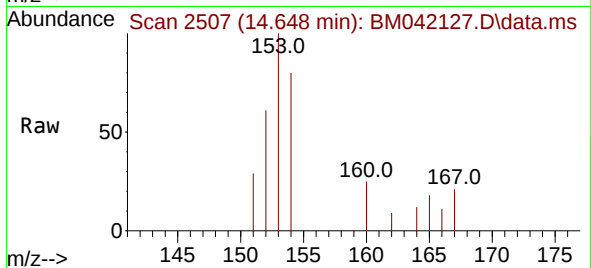
Tgt Ion:	153	Resp:	430
Ion Ratio	Lower	Upper	
153	100		
152	61.2	41.8	62.8
154	79.6	69.0	103.6

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#12

Fluorene

Concen: 0.357 ng/ul

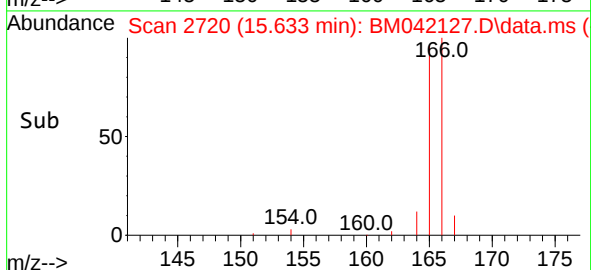
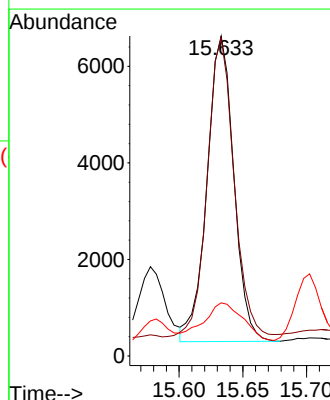
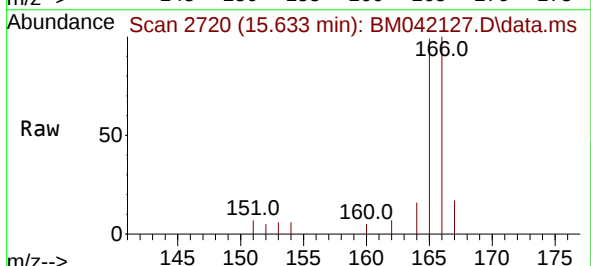
RT: 15.633 min Scan# 2720

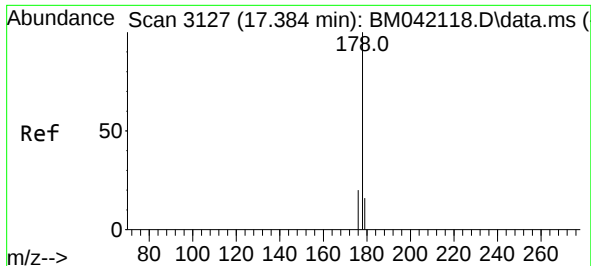
Delta R.T. -0.005 min

Lab File: BM042127.D

Acq: 28 Sep 2023 22:39

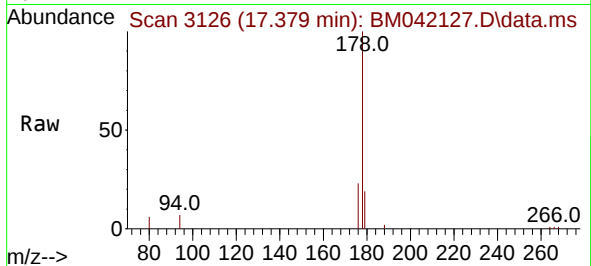
Tgt Ion:	166	Resp:	9230
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.8	119.8
167	16.6	11.1	16.7





#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 17.379 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM042127.D
Acq: 28 Sep 2023 22:39

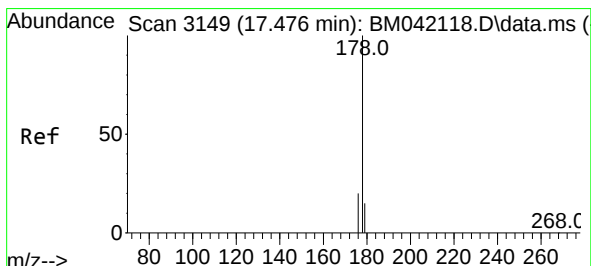
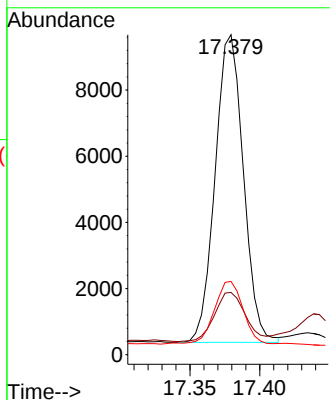
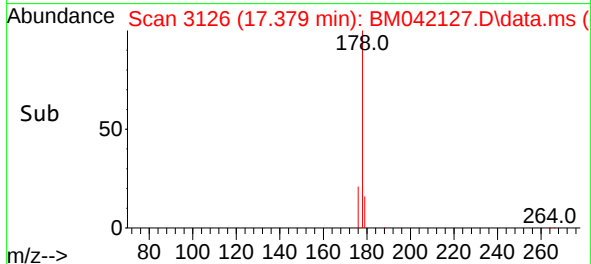
Instrument :
BNA_M
ClientSampleId :
BBJY5



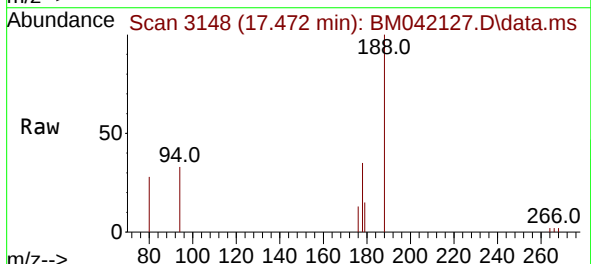
Tgt Ion:178 Resp: 1306
Ion Ratio Lower Upper
178 100
179 19.4 12.7 19.1#
176 22.9 16.6 24.8#

Manual Integrations
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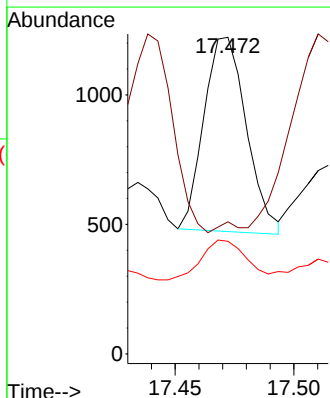
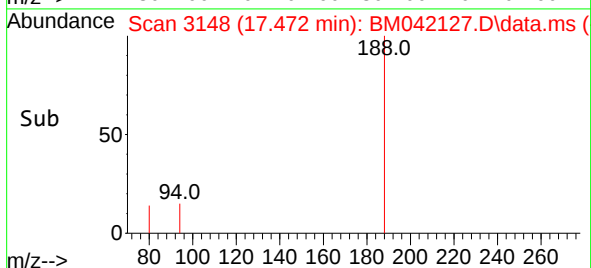
Reviewed By :Yogesh Patel 09/29/2023
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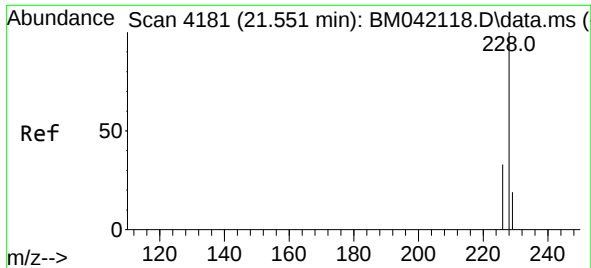


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042127.D
Acq: 28 Sep 2023 22:39



Tgt Ion:178 Resp: 930
Ion Ratio Lower Upper
178 100
179 41.7 12.9 19.3#
176 35.6 16.2 24.2#





#22

Chrysene

Concen: 0.028 ng/ul m

RT: 21.545 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM042127.D

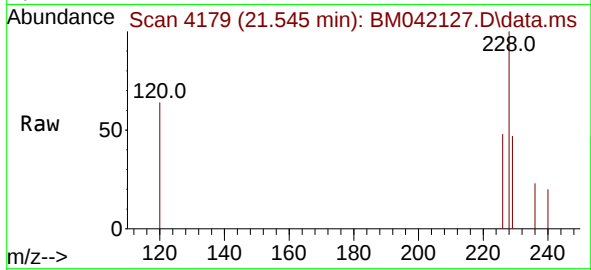
Acq: 28 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

BBJY5



Tgt Ion:228 Resp: 146

Ion Ratio Lower Upper

228 100

226 48.2 27.8 41.6

229 47.4 15.6 23.4

Manual Integrations

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