

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042994.D
 Acq On : 25 Nov 2023 00:34
 Operator : MA/JU
 Sample : 05268-10DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:11:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	948	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.623	136	2804	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.460	164	1764m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	3576	0.400	ng/ul	-0.02
17) Chrysene-d12	21.420	240	1964	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	3510	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	624	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	298	0.079	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	707	0.099	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	4887	0.641	ng/ul#	87
7) 2-Methylnaphthalene	12.317	142	2160	0.481	ng/ul	96
8) 1-Methylnaphthalene	12.515	142	1523	0.304	ng/ul	97
10) Acenaphthylene	14.187	152	440	0.049	ng/ul#	73
11) Acenaphthene	14.525	153	3072	0.450	ng/ul	97
12) Fluorene	15.515	166	3793	0.542	ng/ul	99
14) Pentachlorophenol	16.879	266	414	0.428	ng/ul	95
15) Phenanthrene	17.259	178	2836	0.278	ng/ul	98
16) Anthracene	17.352	178	317m	0.033	ng/ul	

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

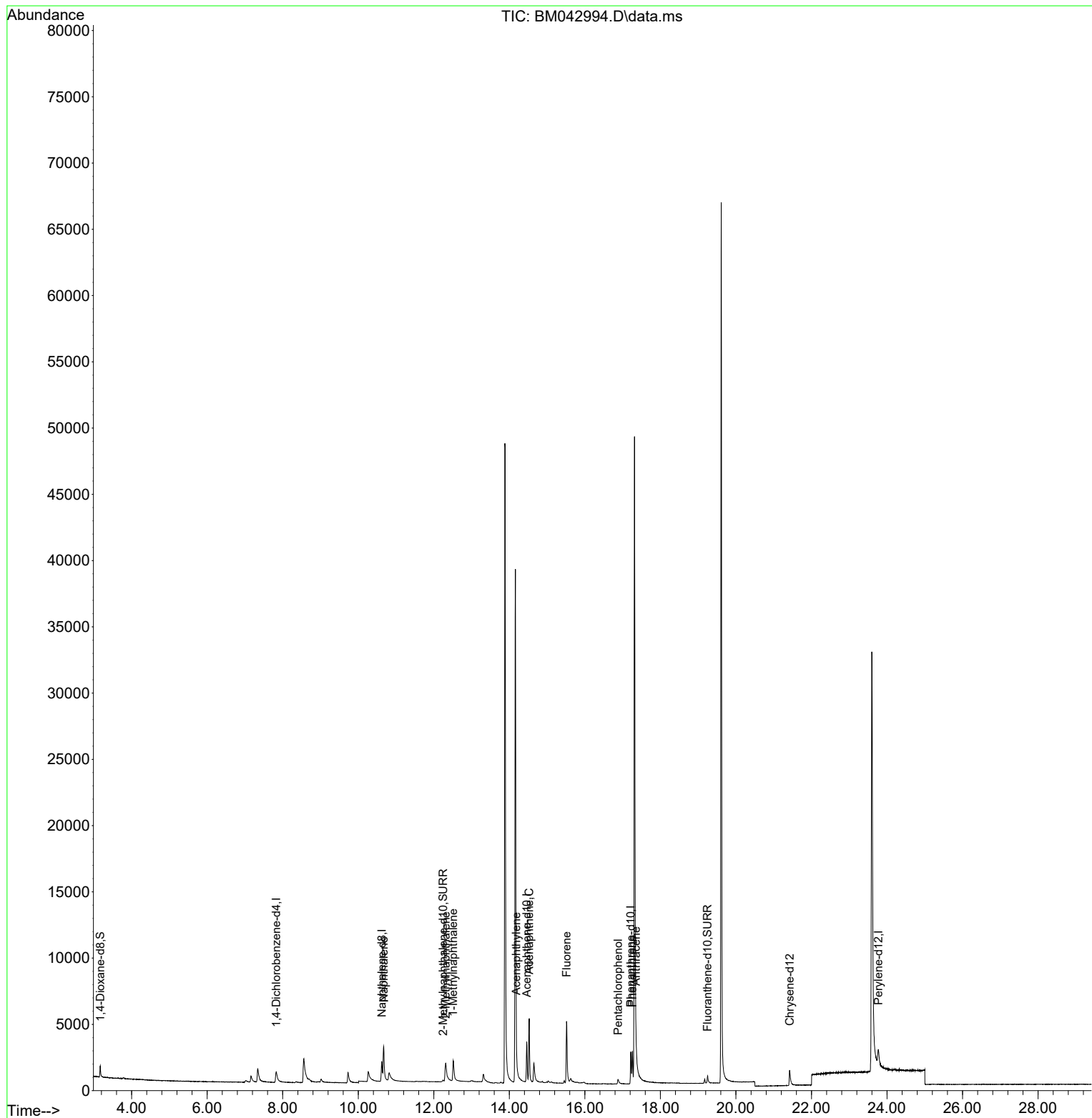
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042994.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

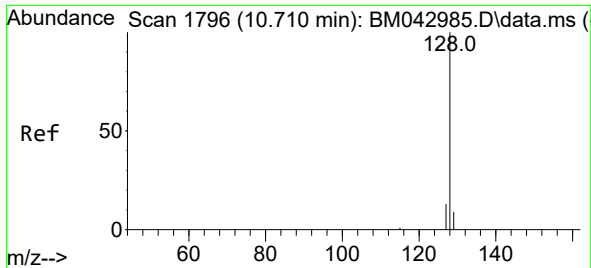
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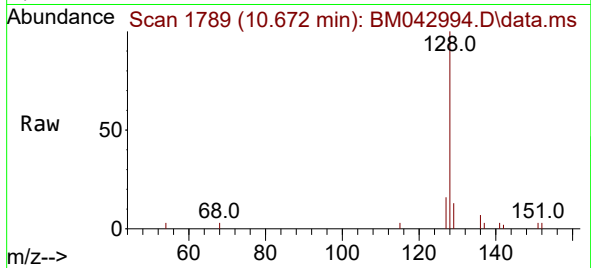
Quant Time: Nov 25 01:11:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.641 ng/ul
RT: 10.672 min Scan# 1796
Delta R.T. -0.026 min
Lab File: BM042994.D
Acq: 25 Nov 2023 00:34

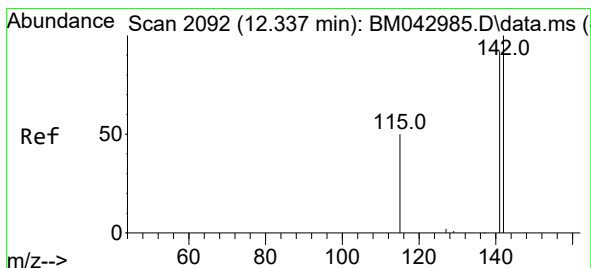
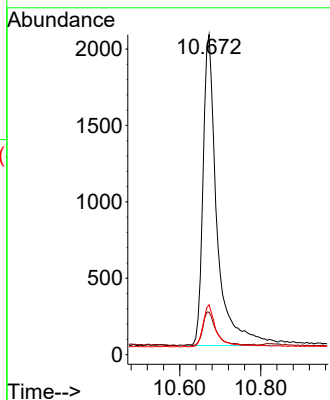
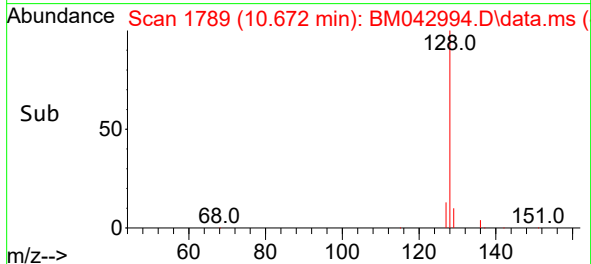
Instrument :
BNA_M
ClientSampleId :
DCKD2DL



Tgt Ion:128 Resp: 488
Ion Ratio Lower Upper
128 100
129 13.3 16.0 24.0
127 15.6 16.5 24.7

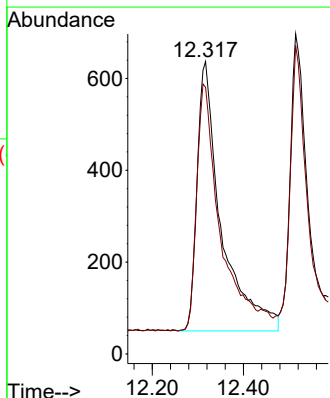
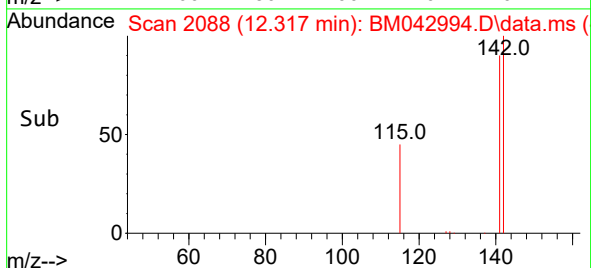
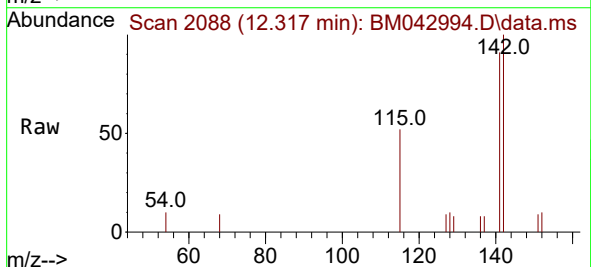
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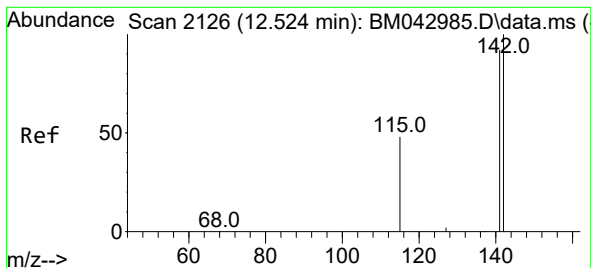
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.481 ng/ul
RT: 12.317 min Scan# 2088
Delta R.T. -0.015 min
Lab File: BM042994.D
Acq: 25 Nov 2023 00:34

Tgt Ion:142 Resp: 2160
Ion Ratio Lower Upper
142 100
141 90.9 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.304 ng/ul

RT: 12.515 min Scan# 2126

Delta R.T. -0.004 min

Lab File: BM042994.D

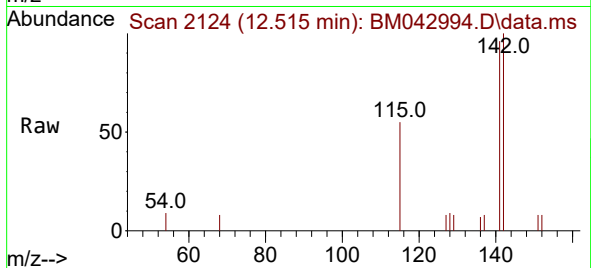
Acq: 25 Nov 2023 00:34

Instrument :

BNA_M

ClientSampleId :

DCKD2DL



Tgt Ion:142 Resp: 152

Ion Ratio Lower Upper

142 100

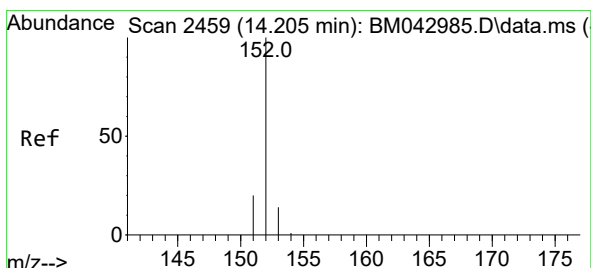
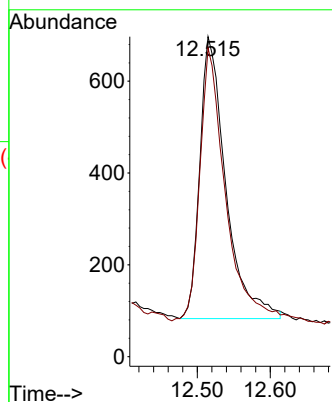
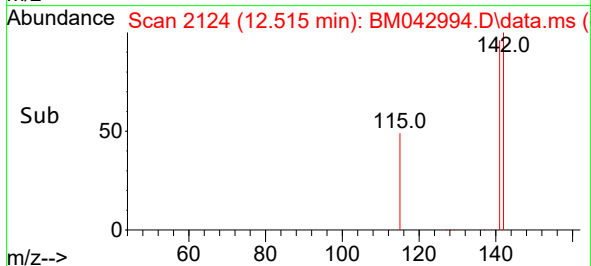
141 94.7 73.8 110.8

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#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.187 min Scan# 2455

Delta R.T. -0.017 min

Lab File: BM042994.D

Acq: 25 Nov 2023 00:34

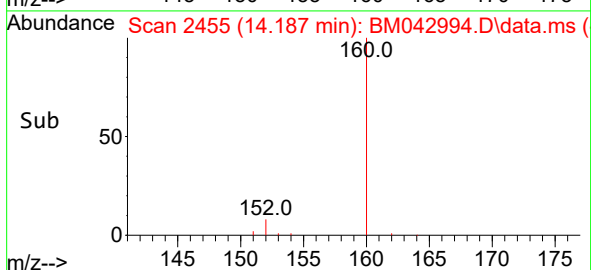
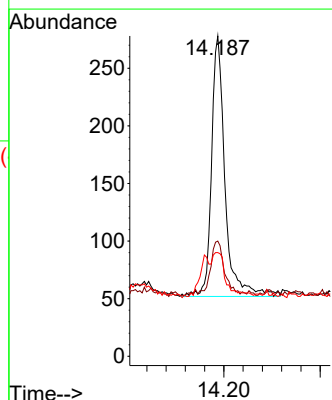
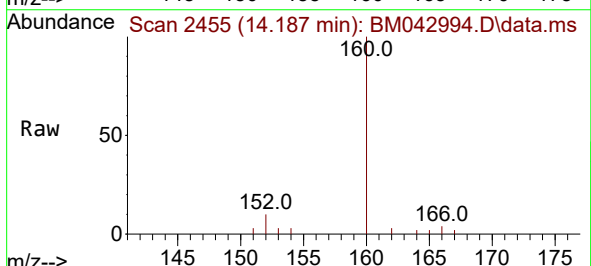
Tgt Ion:152 Resp: 440

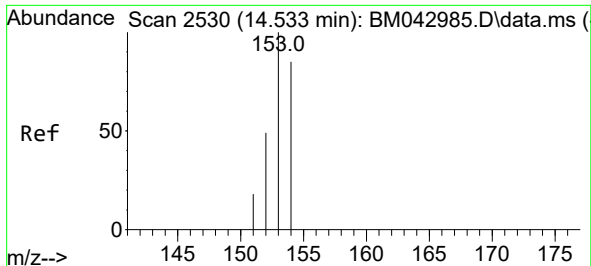
Ion Ratio Lower Upper

152 100

151 36.0 19.4 29.0#

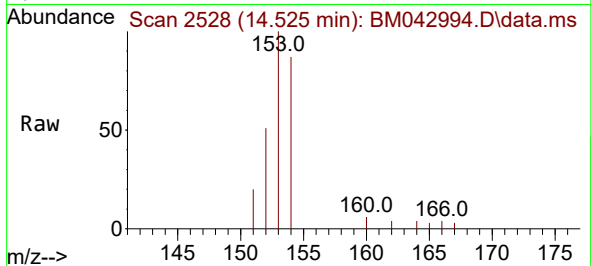
153 32.4 14.6 21.8#





#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.525 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM042994.D
Acq: 25 Nov 2023 00:34

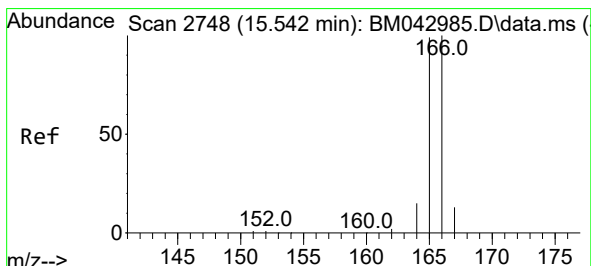
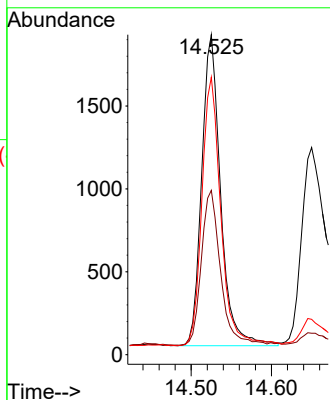
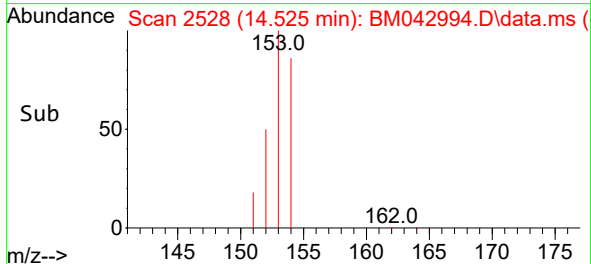
Instrument :
BNA_M
ClientSampleId :
DCKD2DL



Tgt Ion:153 Resp: 3072
Ion Ratio Lower Upper
153 100
152 51.3 43.9 65.9
154 86.7 70.6 105.8

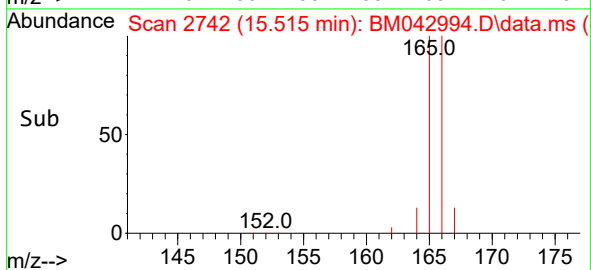
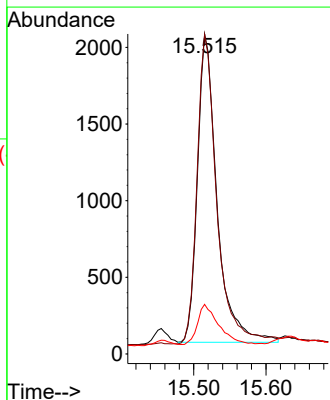
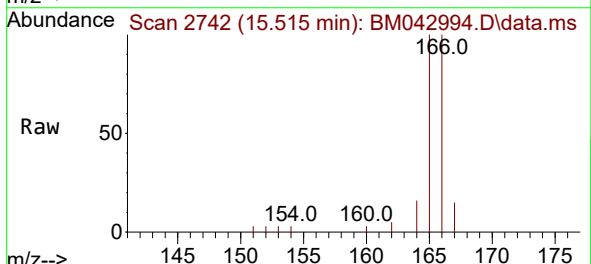
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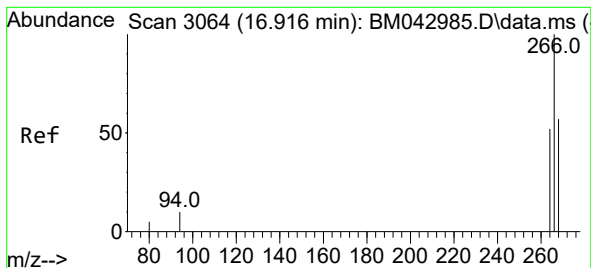
Reviewed By :Yogesh Patel 11/27/2023
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#12
Fluorene
Concen: 0.542 ng/ul
RT: 15.515 min Scan# 2742
Delta R.T. -0.022 min
Lab File: BM042994.D
Acq: 25 Nov 2023 00:34

Tgt Ion:166 Resp: 3793
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 15.5 14.2 21.4





#14

Pentachlorophenol

Concen: 0.428 ng/ul

RT: 16.879 min Scan# 3064

Delta R.T. -0.032 min

Lab File: BM042994.D

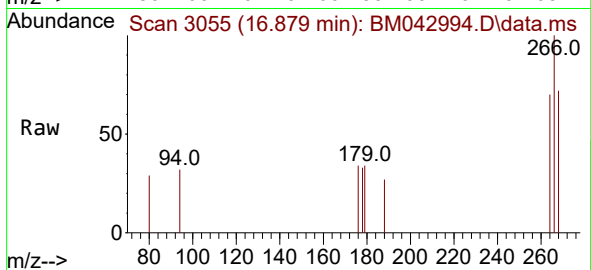
Acq: 25 Nov 2023 00:34

Instrument :

BNA_M

ClientSampleId :

DCKD2DL



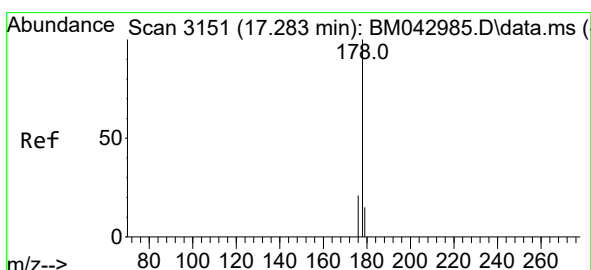
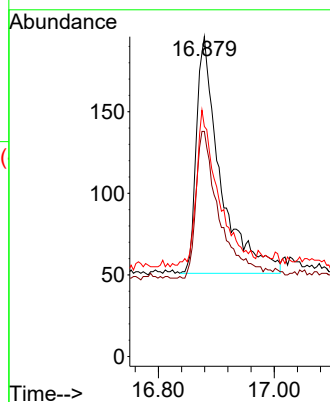
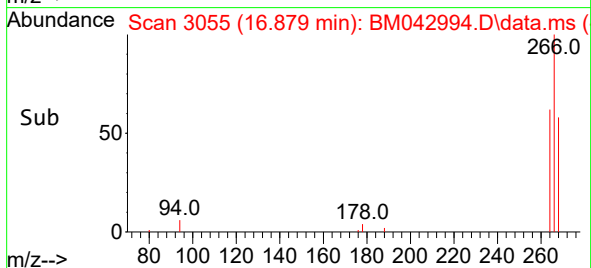
Tgt Ion:	266	Resp:	414
Ion Ratio	Lower	Upper	
266	100		
264	63.3	48.8	73.2
268	59.2	51.8	77.6

Manual Integrations

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#15

Phenanthrene

Concen: 0.278 ng/ul

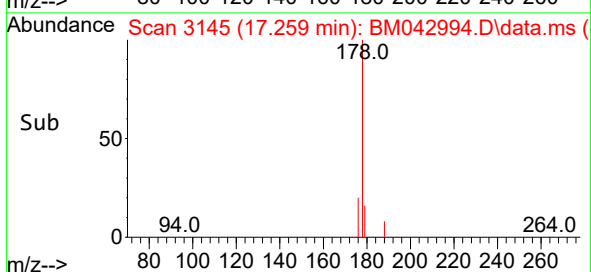
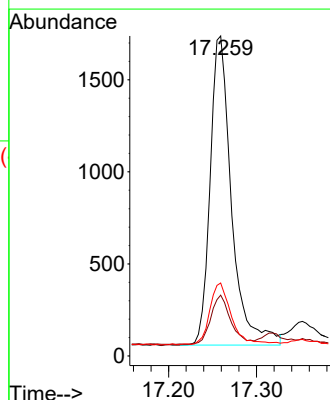
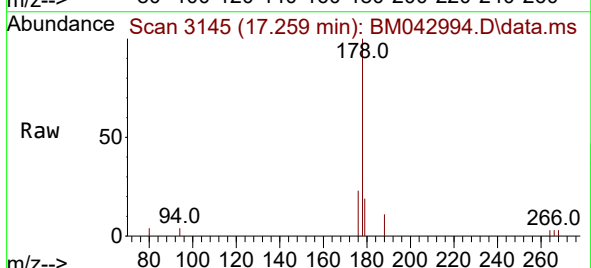
RT: 17.259 min Scan# 3145

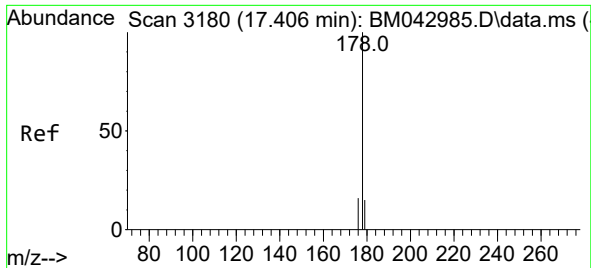
Delta R.T. -0.020 min

Lab File: BM042994.D

Acq: 25 Nov 2023 00:34

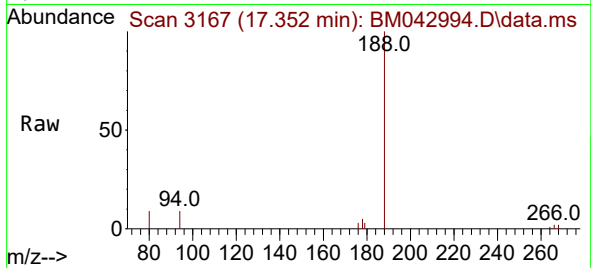
Tgt Ion:	178	Resp:	2836
Ion Ratio	Lower	Upper	
178	100		
179	19.0	15.7	23.5
176	22.8	18.9	28.3





#16
 Anthracene
 Concen: 0.033 ng/ul m
 RT: 17.352 min Scan# 317
 Delta R.T. -0.041 min
 Lab File: BM042994.D
 Acq: 25 Nov 2023 00:34

Instrument :
 BNA_M
 ClientSampleId :
 DCKD2DL



Tgt Ion:178 Resp: 317
 Ion Ratio Lower Upper
 178 100
 179 50.5 17.3 25.9
 176 47.9 20.5 30.7

Manual Integrations
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