

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046898.D
 Acq On : 30 Jul 2024 00:04
 Operator : MA/JU
 Sample : P3329-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E26

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 00:48:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3226	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.209	136	9752	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.103	164	6025	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.861	188	11527	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	7467	0.400	ng/ul	0.00
23) Perylene-d12	23.201	264	7148m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	8319	3.683	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	3825	0.247	ng/ul	-0.01
18) Fluoranthene-d10	18.903	212	5975	0.246	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.259	128	43004	1.743	ng/ul	96
7) 2-Methylnaphthalene	11.887	142	5284	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.112	142	2207	0.126	ng/ul	100
11) Acenaphthene	14.168	153	1637	0.087	ng/ul	97
12) Fluorene	15.162	166	952	0.041	ng/ul#	98
15) Phenanthrene	16.899	178	1783	0.054	ng/ul#	92
19) Fluoranthene	18.931	202	917	0.028	ng/ul#	71

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

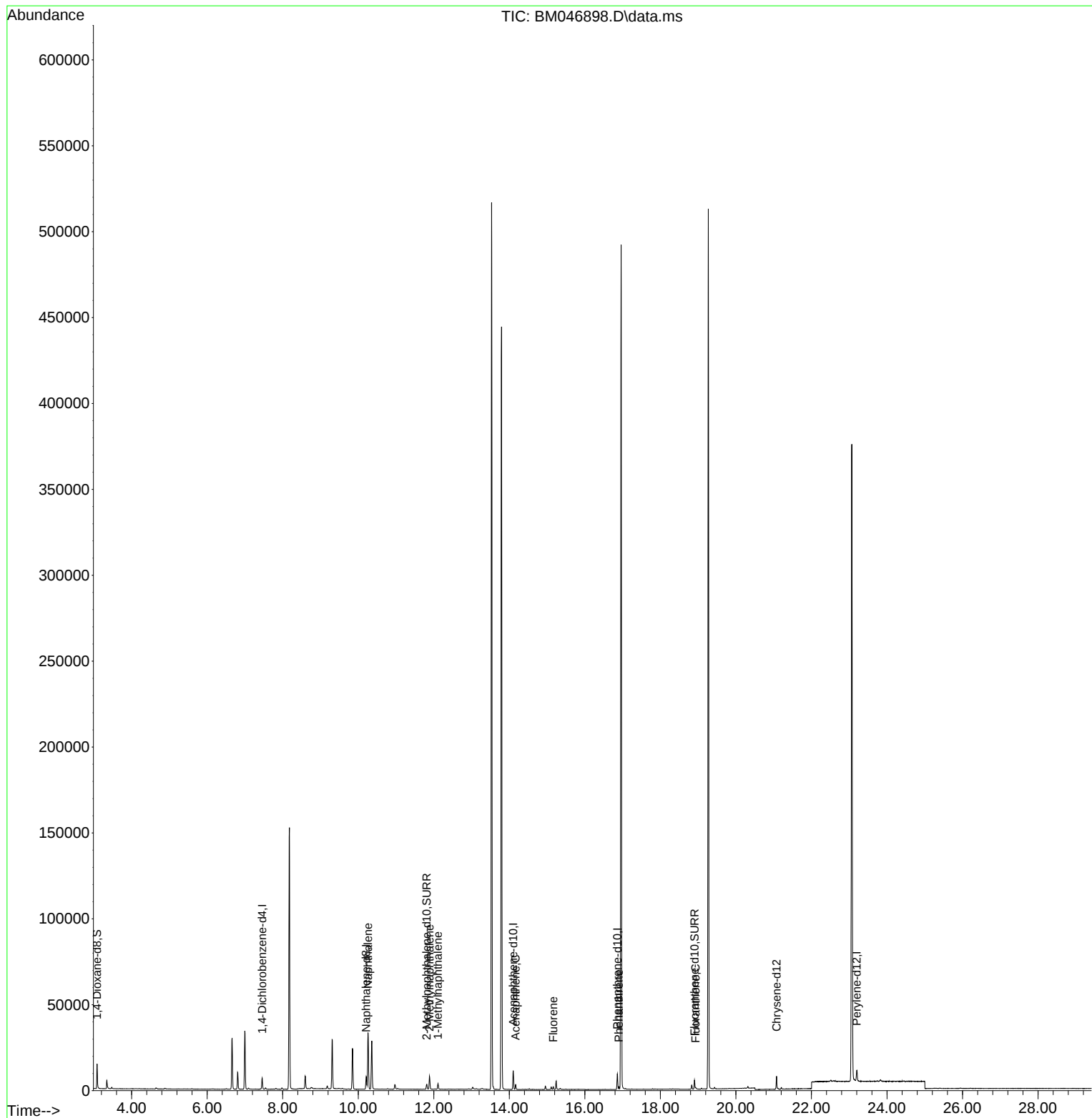
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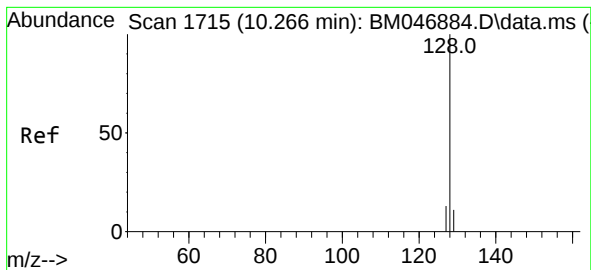
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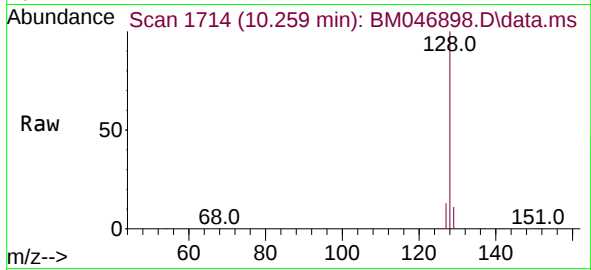
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#5
Naphthalene
Concen: 1.743 ng/ul
RT: 10.259 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM046898.D
Acq: 30 Jul 2024 00:04

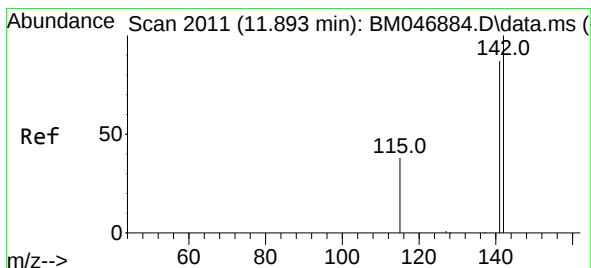
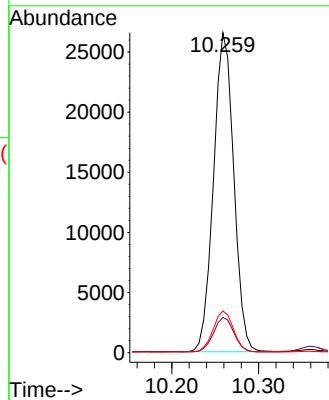
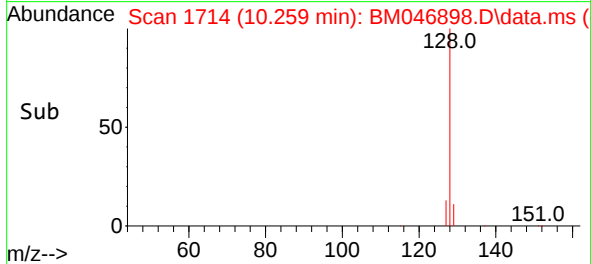
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:128 Resp: 43004
Ion Ratio Lower Upper
128 100
129 11.0 10.1 15.1
127 13.1 11.5 17.3

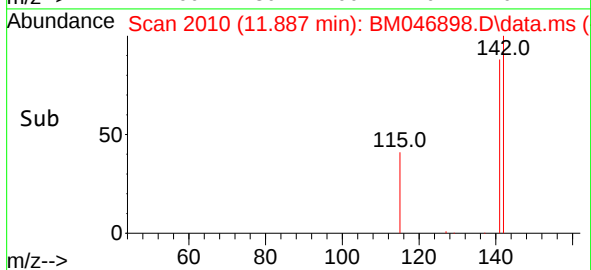
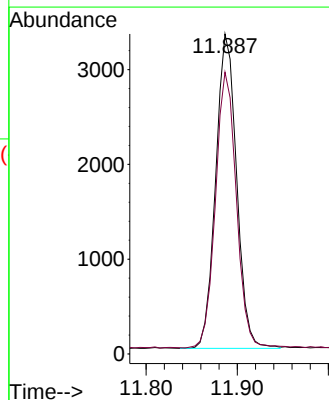
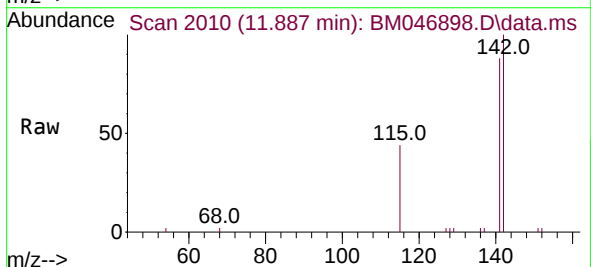
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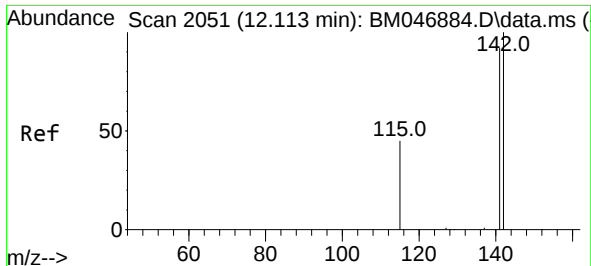
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 11.887 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BM046898.D
Acq: 30 Jul 2024 00:04

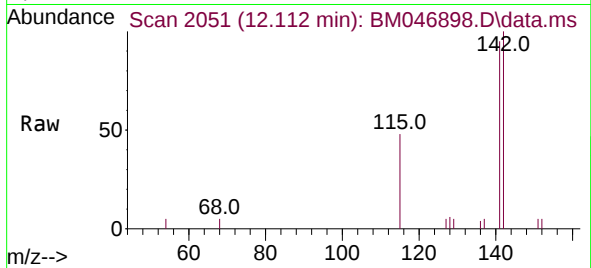
Tgt Ion:142 Resp: 5284
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BM046898.D
Acq: 30 Jul 2024 00:04

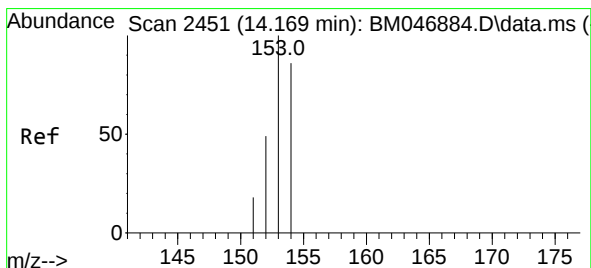
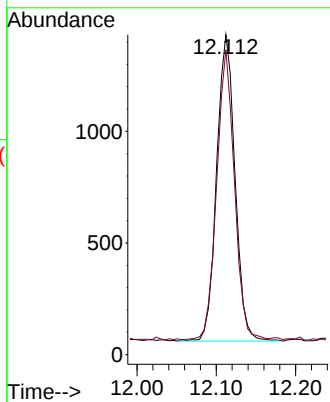
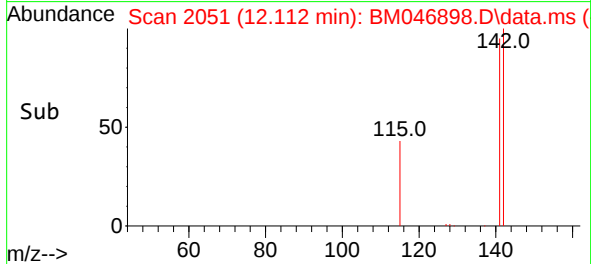
Instrument :
BNA_M
ClientSampleId :
F7E26



Tgt Ion:142 Resp: 220
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7

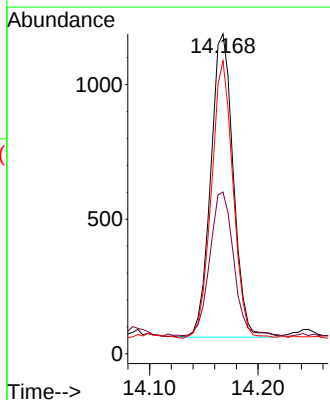
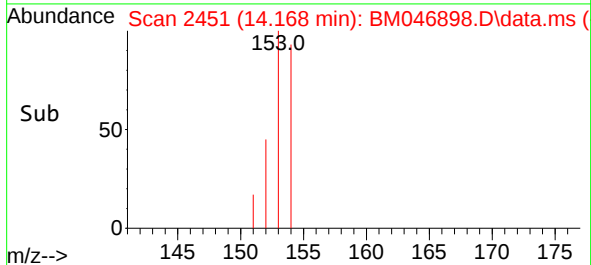
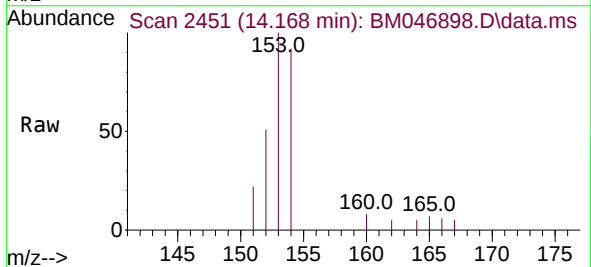
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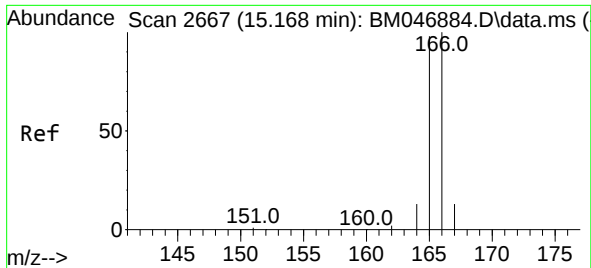
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Supervised By :mohammad ahmed 08/03/2024



#11
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.015 min
Lab File: BM046898.D
Acq: 30 Jul 2024 00:04

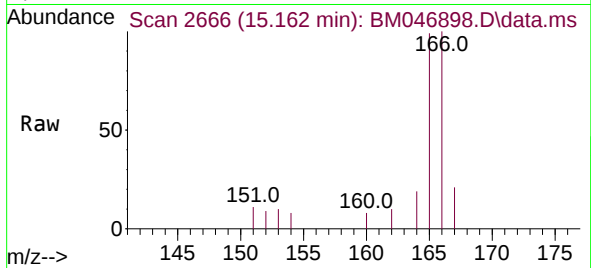
Tgt Ion:153 Resp: 1637
Ion Ratio Lower Upper
153 100
152 50.6 38.6 57.8
154 91.6 70.8 106.2





#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.162 min Scan# 20
Delta R.T. -0.015 min
Lab File: BM046898.D
Acq: 30 Jul 2024 00:04

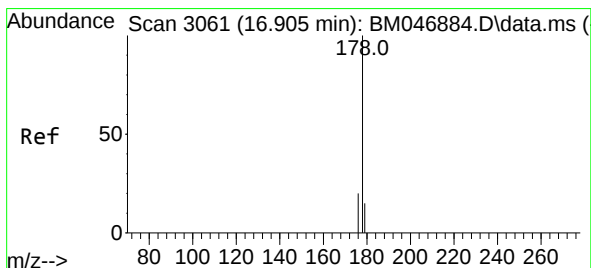
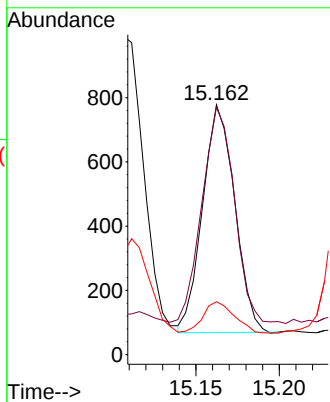
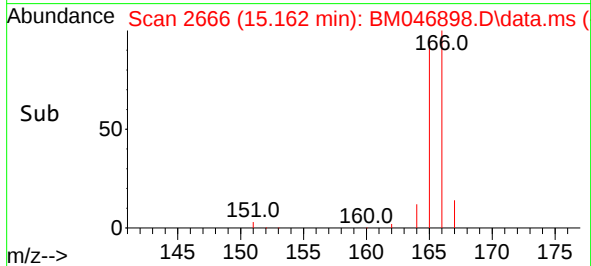
Instrument :
BNA_M
ClientSampleId :
F7E26



Tgt Ion:166 Resp: 952
Ion Ratio Lower Upper
166 100
165 99.0 79.8 119.6
167 21.2 12.3 18.5

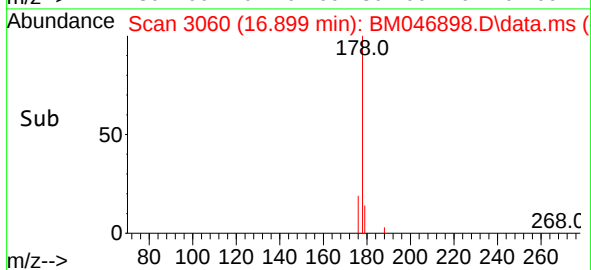
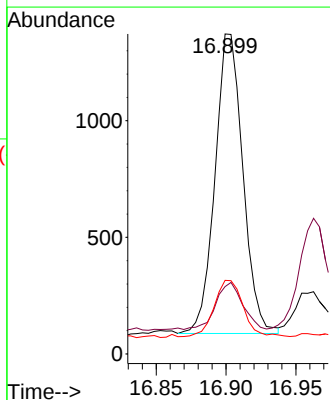
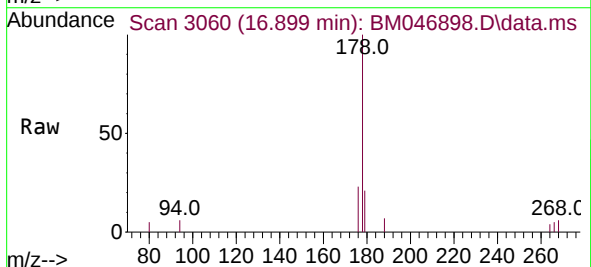
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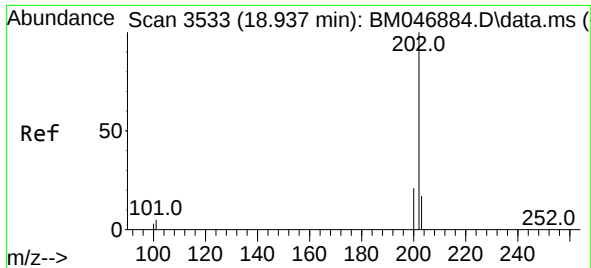
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#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 16.899 min Scan# 3060
Delta R.T. -0.014 min
Lab File: BM046898.D
Acq: 30 Jul 2024 00:04

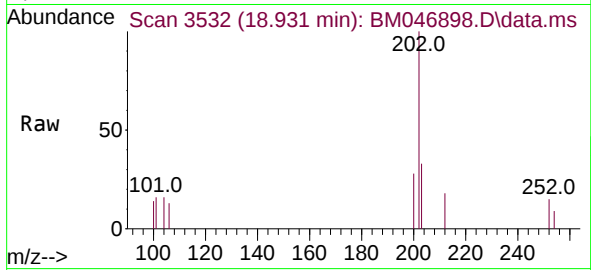
Tgt Ion:178 Resp: 1783
Ion Ratio Lower Upper
178 100
179 21.1 13.4 20.2#
176 23.0 16.1 24.1





#19
 Fluoranthene
 Concen: 0.028 ng/ul
 RT: 18.931 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BM046898.D
 Acq: 30 Jul 2024 00:04

Instrument :
 BNA_M
 ClientSampleId :
 F7E26



Tgt Ion:	202	Resp:	91
Ion Ratio	Lower	Upper	
202	100		
101	15.7	4.7	7.1
100	13.8	3.4	5.2

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