

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048156.D
 Acq On : 21 Oct 2024 15:48
 Operator : RC/JU
 Sample : P4389-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 16:38:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:48:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6767	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.557	136	20883	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.405	164	11139	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.145	188	23483m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.318	240	16149m	0.400	ng/ul	-0.02
23) Perylene-d12	23.577	264	15206m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	35318	3.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	10622	0.365	ng/ul	-0.04
18) Fluoranthene-d10	19.169	212	22030	0.469	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.606	128	2639	0.046	ng/ul#	72
8) 1-Methylnaphthalene	12.449	142	1066	0.029	ng/ul	97
11) Acenaphthene	14.465	153	21571	0.587	ng/ul	98
12) Fluorene	15.450	166	3298	0.084	ng/ul#	93
15) Phenanthrene	17.183	178	1854m	0.031	ng/ul	
16) Anthracene	17.276	178	6131m	0.109	ng/ul	
19) Fluoranthene	19.202	202	4359	0.069	ng/ul#	74
20) Pyrene	19.560	202	2493	0.037	ng/ul#	67

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

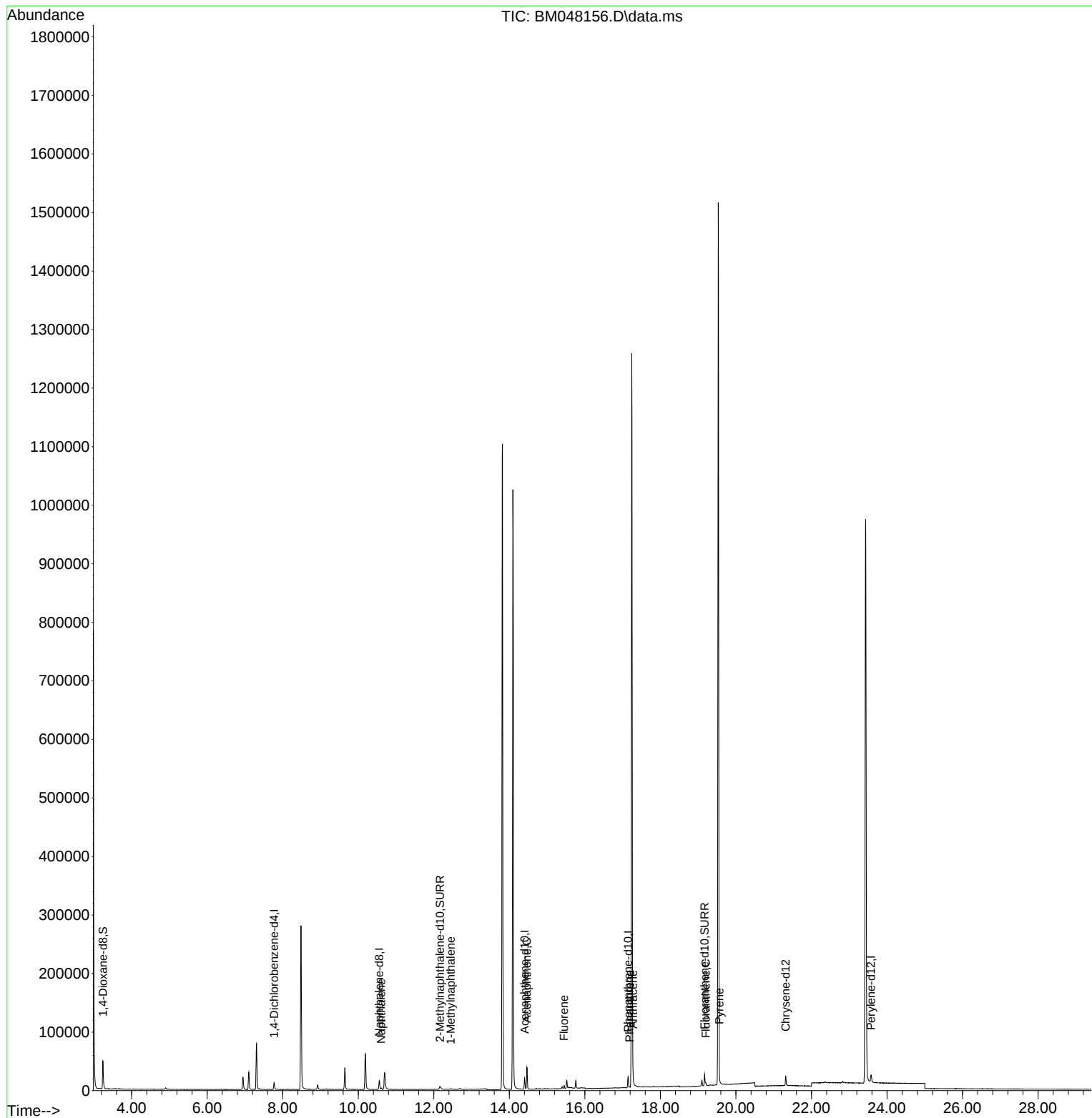
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ALS Vial : 11 Sample Multiplier: 1

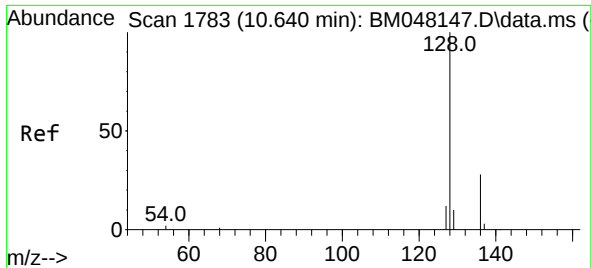
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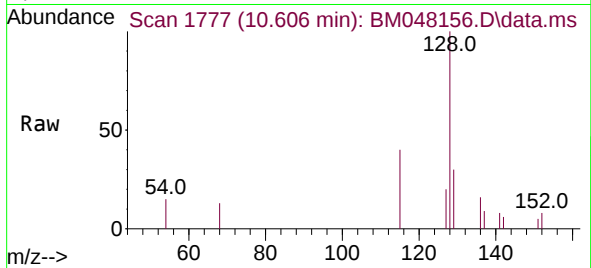
Quant Time: Oct 21 16:38:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.606 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

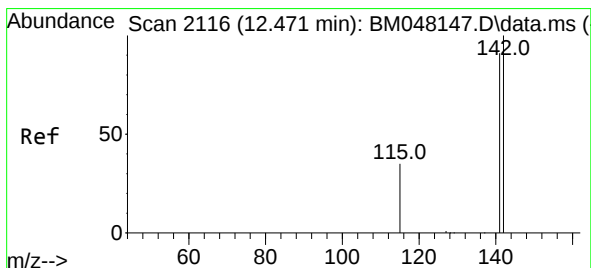
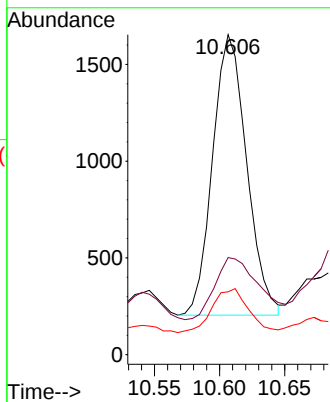
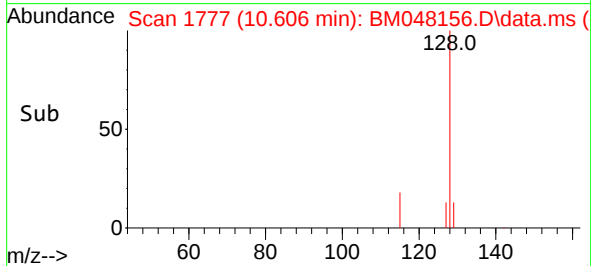
Instrument :
BNA_M
ClientSampleId :
E27H0



Tgt Ion:128 Resp: 2639
Ion Ratio Lower Upper
128 100
129 30.4 10.6 15.8
127 19.6 11.3 16.9

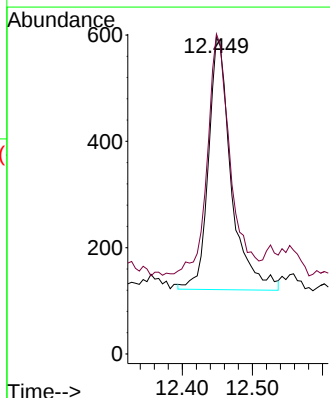
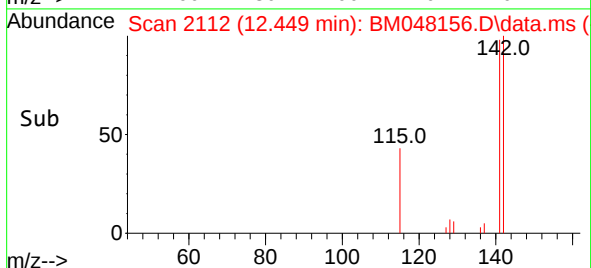
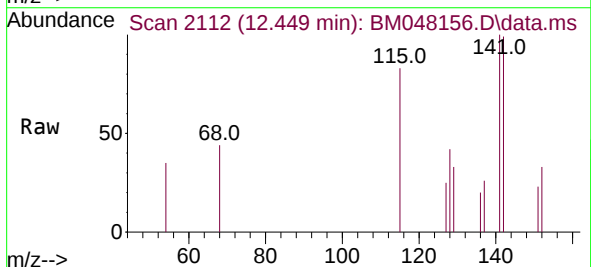
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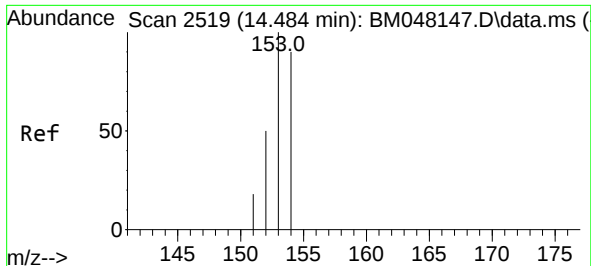
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Supervised By :mohammad ahmed 10/23/2024



#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.449 min Scan# 2112
Delta R.T. -0.021 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

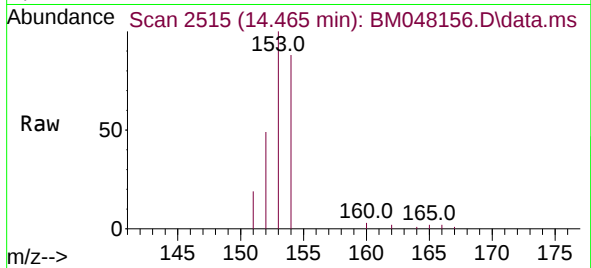
Tgt Ion:142 Resp: 1066
Ion Ratio Lower Upper
142 100
141 94.7 73.8 110.6





#11
Acenaphthene
Concen: 0.587 ng/u1
RT: 14.465 min Scan# 2157
Delta R.T. -0.017 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

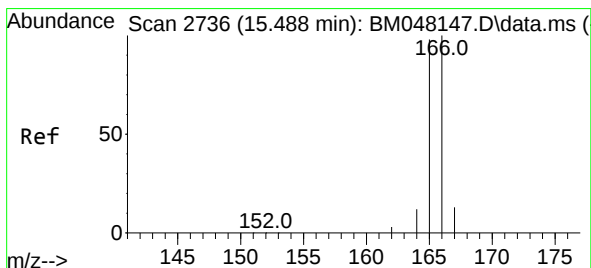
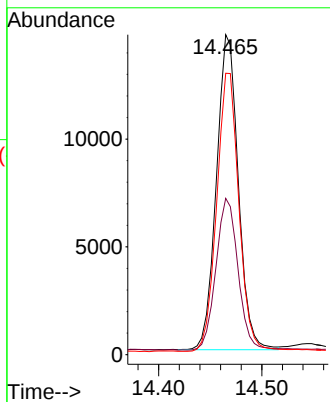
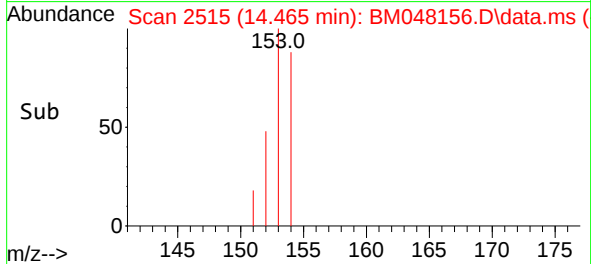
Instrument :
BNA_M
ClientSampleId :
E27H0



Tgt Ion:153 Resp: 2157
Ion Ratio Lower Upper
153 100
152 48.9 40.9 61.3
154 87.9 71.0 106.4

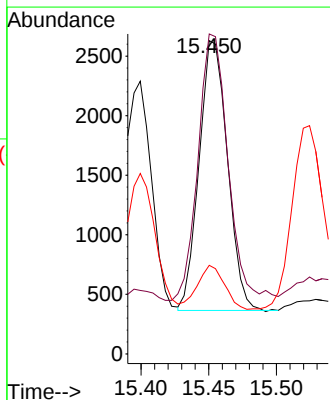
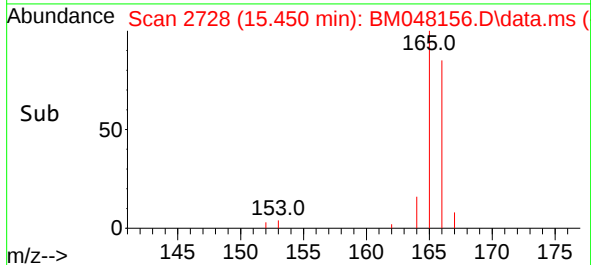
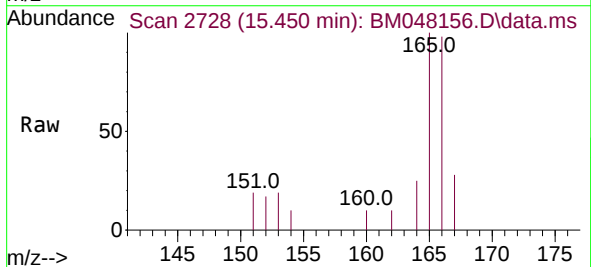
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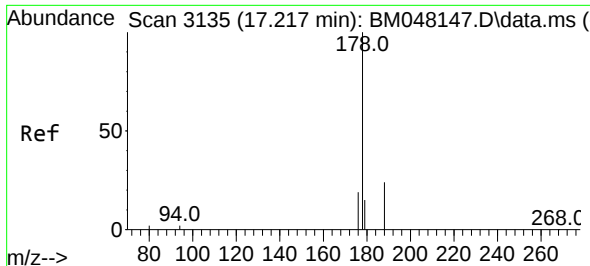
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#12
Fluorene
Concen: 0.084 ng/u1
RT: 15.450 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

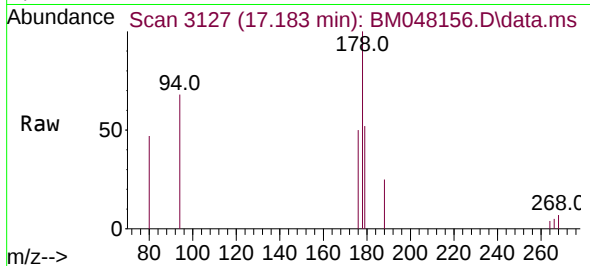
Tgt Ion:166 Resp: 3298
Ion Ratio Lower Upper
166 100
165 102.1 79.1 118.7
167 28.3 12.0 18.0#





#15
Phenanthrene
Concen: 0.031 ng/ul m
RT: 17.183 min Scan# 3127
Delta R.T. -0.033 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

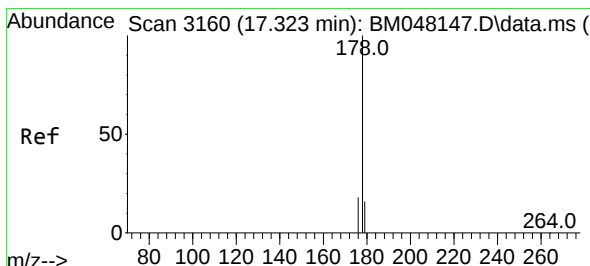
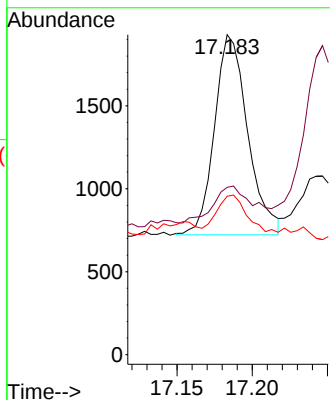
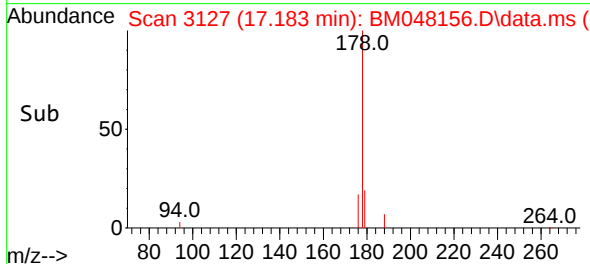
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 1854
Ion Ratio Lower Upper
178 100
179 52.3 13.2 19.8#
176 49.5 16.0 24.0#

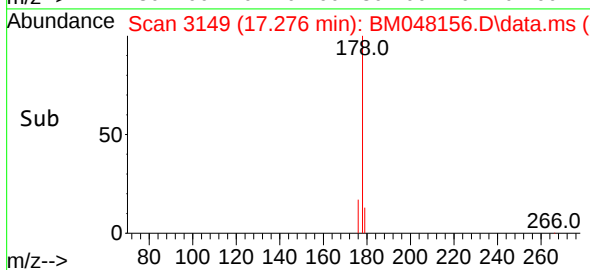
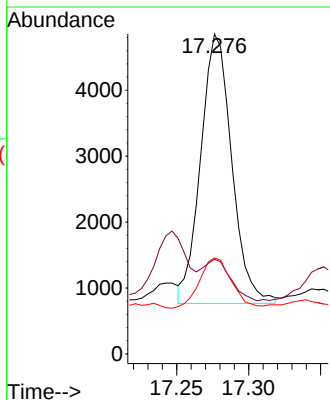
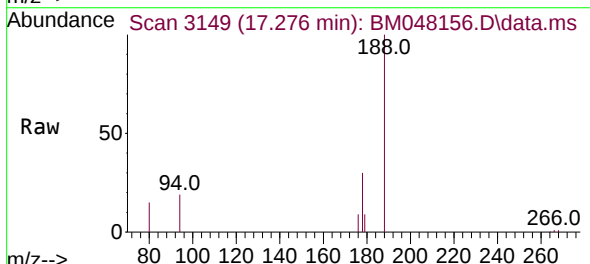
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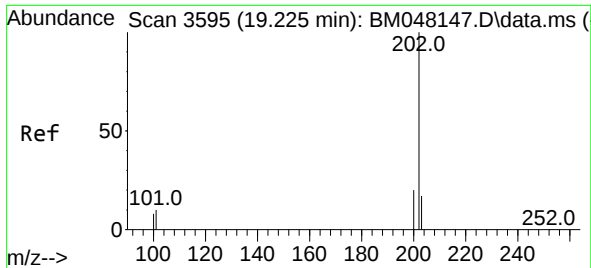
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#16
Anthracene
Concen: 0.109 ng/ul m
RT: 17.276 min Scan# 3149
Delta R.T. -0.045 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

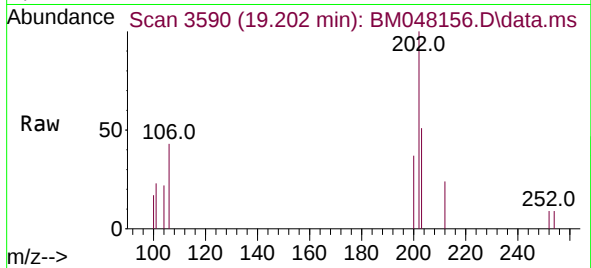
Tgt Ion:178 Resp: 6131
Ion Ratio Lower Upper
178 100
179 29.6 14.5 21.7#
176 30.0 16.0 24.0#





#19
Fluoranthene
Concen: 0.069 ng/u1
RT: 19.202 min Scan# 3595
Delta R.T. -0.018 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48

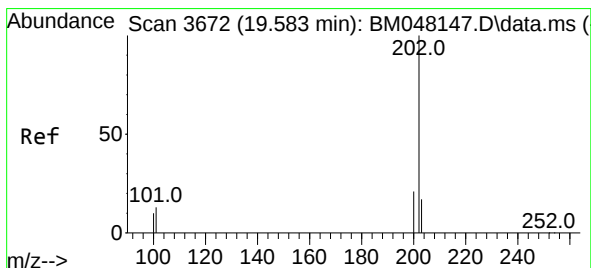
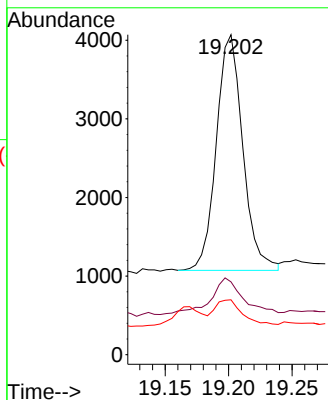
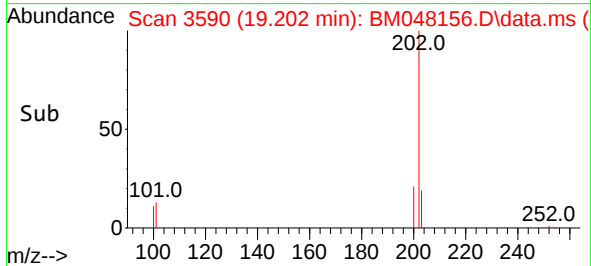
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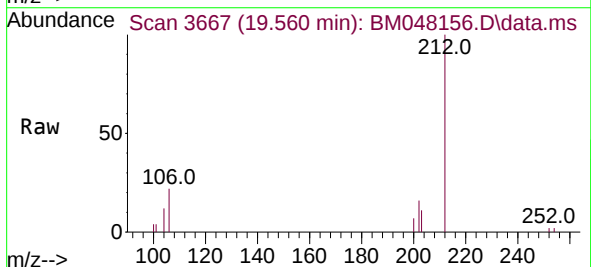
Tgt Ion:202 Resp: 4358
Ion Ratio Lower Upper
202 100
101 22.7 9.3 13.9#
100 17.2 7.1 10.7#

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#20
Pyrene
Concen: 0.037 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048156.D
Acq: 21 Oct 2024 15:48



Tgt Ion:202 Resp: 2493
Ion Ratio Lower Upper
202 100
101 25.7 10.6 16.0#
100 23.0 8.1 12.1#

