

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048160.D
 Acq On : 21 Oct 2024 18:13
 Operator : RC/JU
 Sample : P4380-22DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:45:17 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	6510	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.557	136	20483	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.405	164	12098	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.145	188	24473	0.400	ng/ul	-0.03
17) Chrysene-d12	21.318	240	20005	0.400	ng/ul	-0.02
23) Perylene-d12	23.580	264	18689m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	7322	0.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	2138	0.075	ng/ul	-0.05
18) Fluoranthene-d10	19.169	212	4682	0.080	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.607	128	2338873	42.015	ng/ul	95
7) 2-Methylnaphthalene	12.229	142	91494	2.873	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	47659	1.300	ng/ul	98
10) Acenaphthylene	14.123	152	118466	2.120	ng/ul	98
11) Acenaphthene	14.465	153	51388	1.287	ng/ul	98
12) Fluorene	15.455	166	62319	1.457	ng/ul	97
14) Pentachlorophenol	16.808	266	263	0.032	ng/ul	94
15) Phenanthrene	17.183	178	154454	2.497	ng/ul	98
16) Anthracene	17.276	178	16148	0.276	ng/ul#	91
19) Fluoranthene	19.202	202	23317	0.297	ng/ul	99
20) Pyrene	19.560	202	13134	0.156	ng/ul	95

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

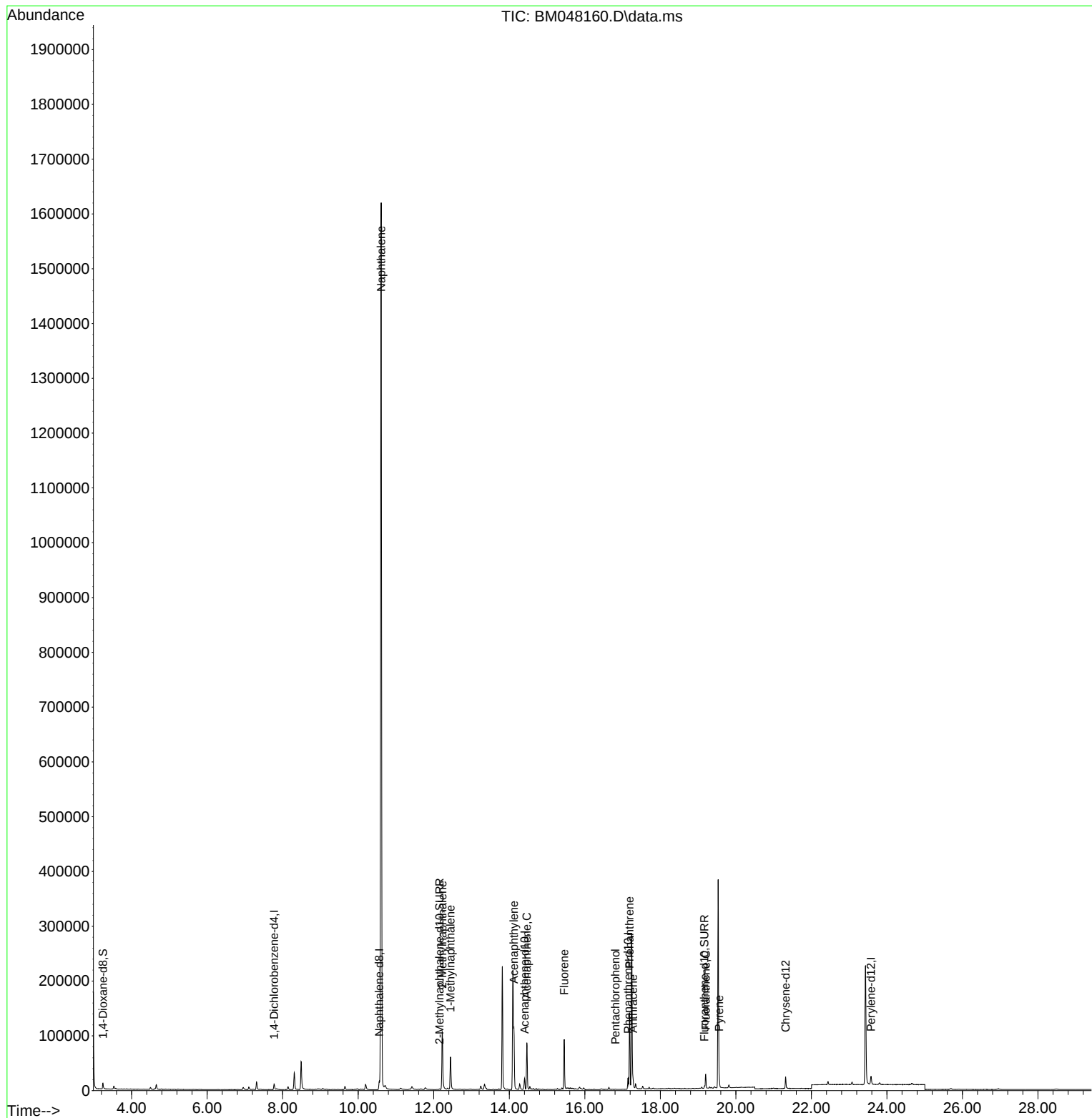
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048160.D
Acq On : 21 Oct 2024 18:13
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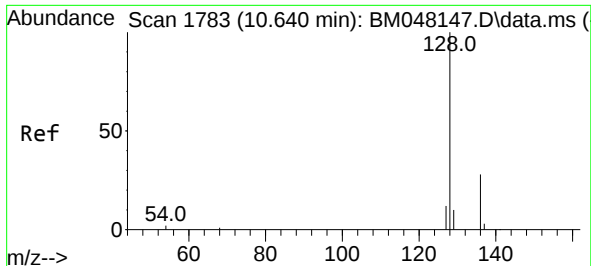
Instrument :
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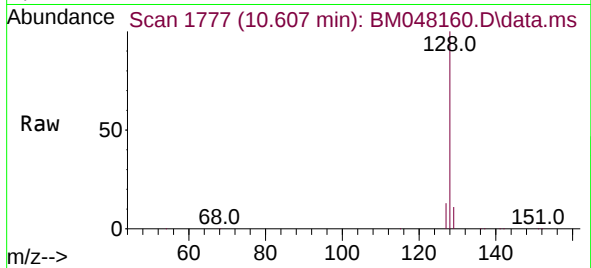
Quant Time: Oct 21 22:45:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:48:23 2024
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#5
Naphthalene
Concen: 42.015 ng/ul
RT: 10.607 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

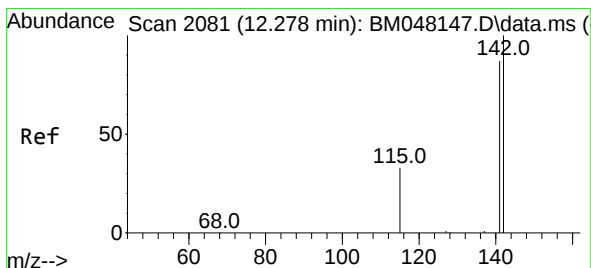
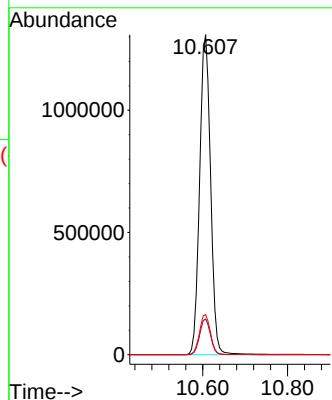
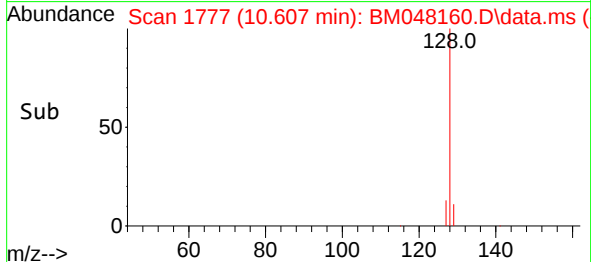
Instrument :
BNA_M
ClientSampleId :
E27G7DL



Tgt Ion:128 Resp: 233887
Ion Ratio Lower Upper
128 100
129 11.1 10.6 15.8
127 12.5 11.3 16.9

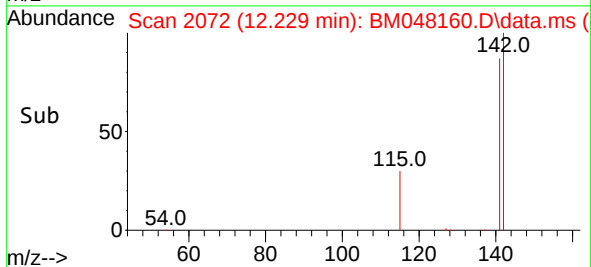
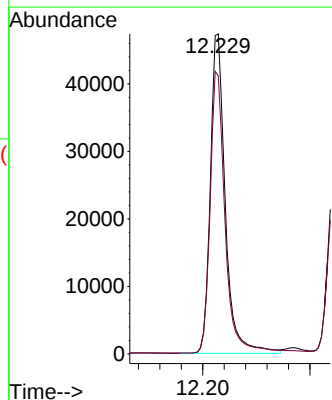
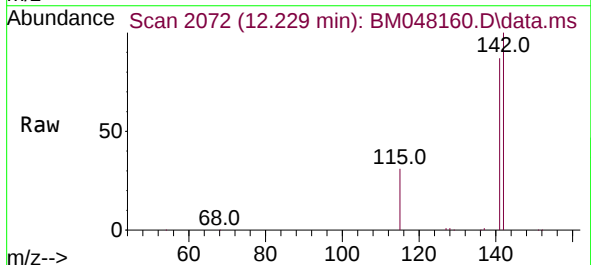
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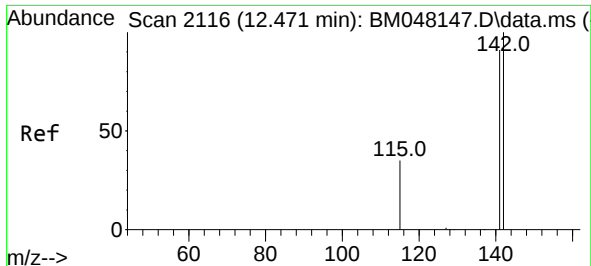
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 2.873 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. -0.043 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

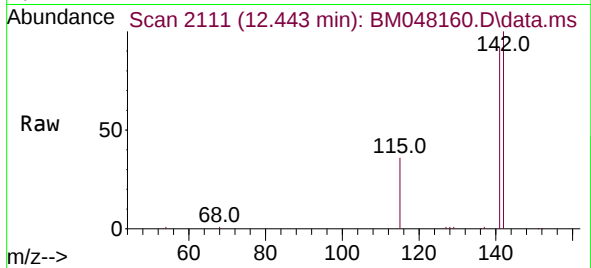
Tgt Ion:142 Resp: 91494
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 1.300 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.026 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

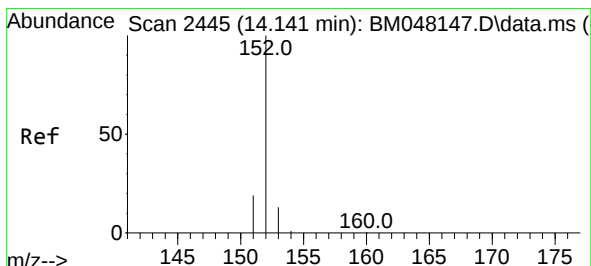
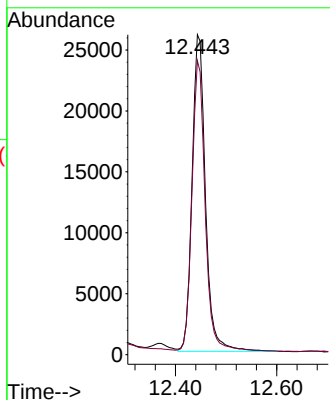
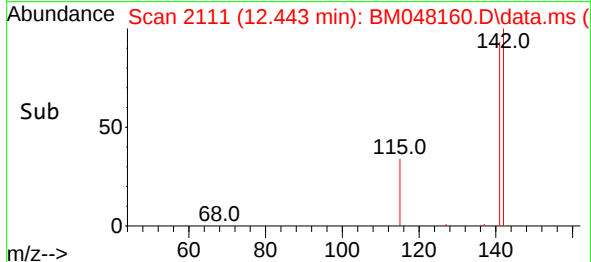
Instrument :
BNA_M
ClientSampleId :
E27G7DL



Tgt Ion:142 Resp: 47659
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.6

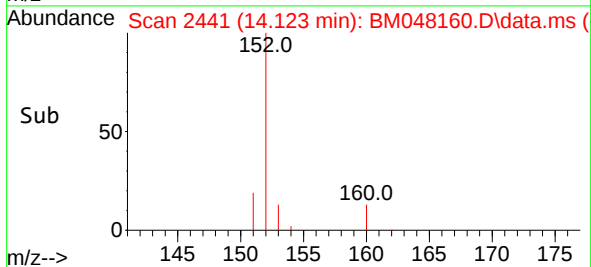
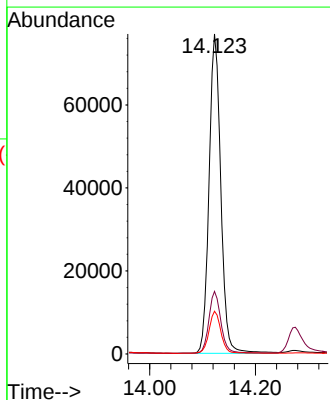
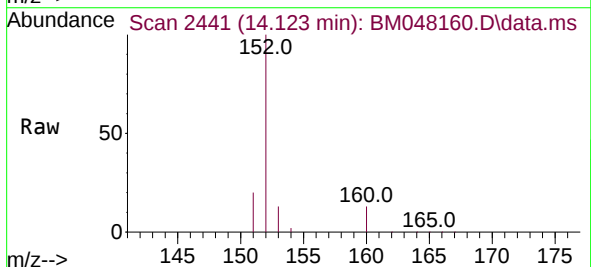
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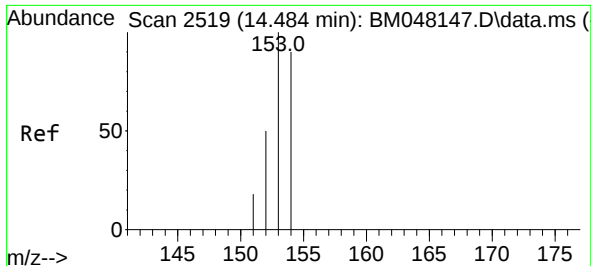
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 2.120 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.022 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

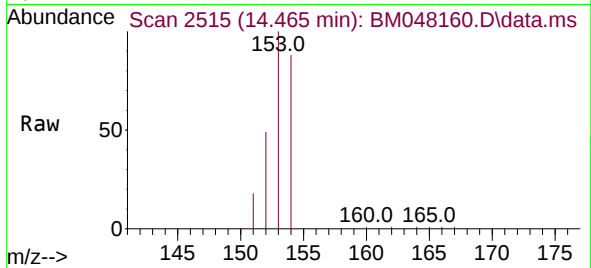
Tgt Ion:152 Resp: 118466
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.3 11.7 17.5





#11
Acenaphthene
Concen: 1.287 ng/ul
RT: 14.465 min Scan# 2153
Delta R.T. -0.017 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

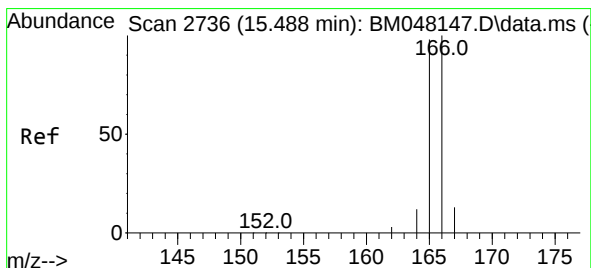
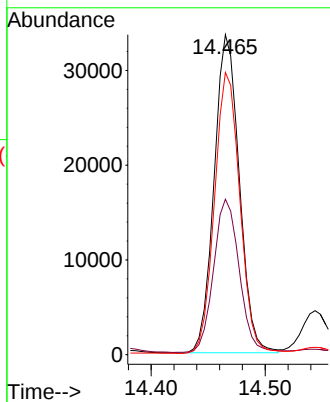
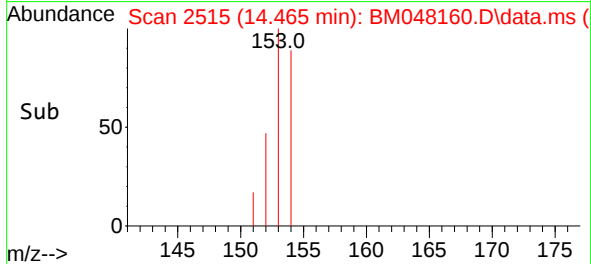
Instrument :
BNA_M
ClientSampleId :
E27G7DL



Tgt Ion:153 Resp: 51388
Ion Ratio Lower Upper
153 100
152 48.6 40.9 61.3
154 88.2 71.0 106.4

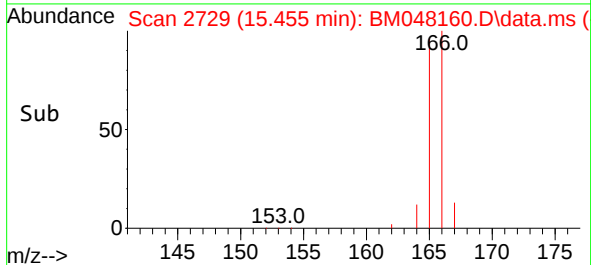
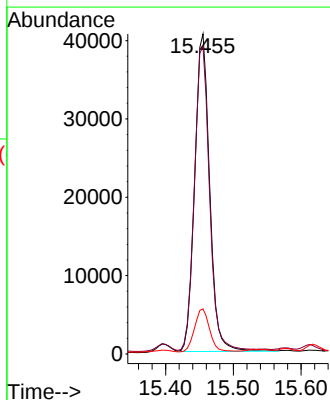
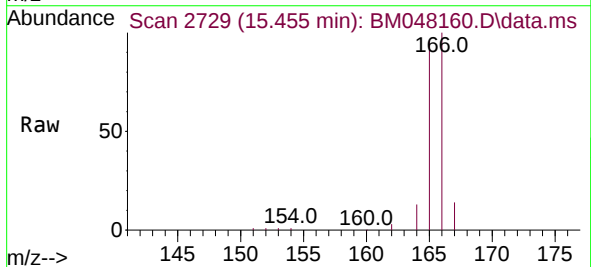
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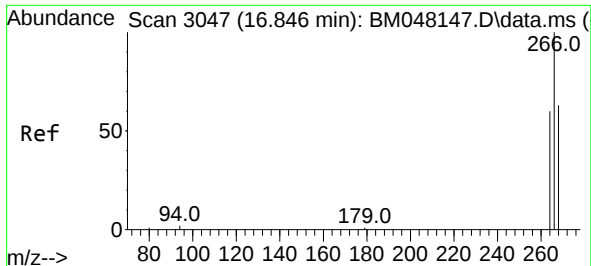
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#12
Fluorene
Concen: 1.457 ng/ul
RT: 15.455 min Scan# 2729
Delta R.T. -0.027 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

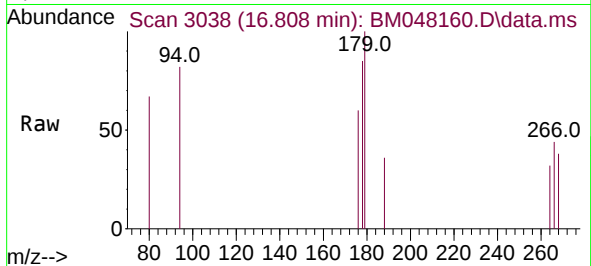
Tgt Ion:166 Resp: 62319
Ion Ratio Lower Upper
166 100
165 96.1 79.1 118.7
167 14.1 12.0 18.0





#14
Pentachlorophenol
Concen: 0.032 ng/u1
RT: 16.808 min Scan# 3047
Delta R.T. -0.033 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

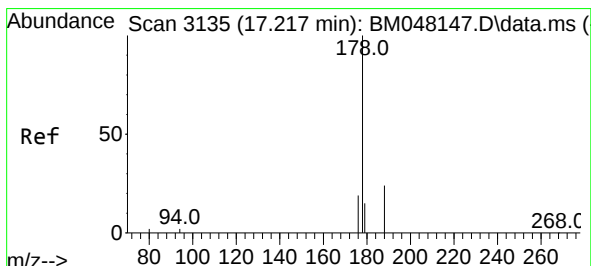
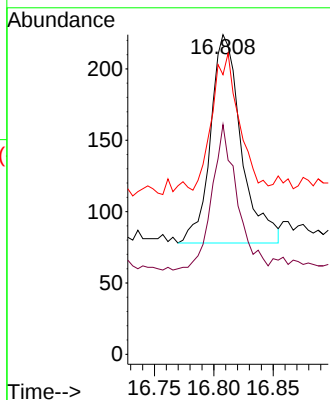
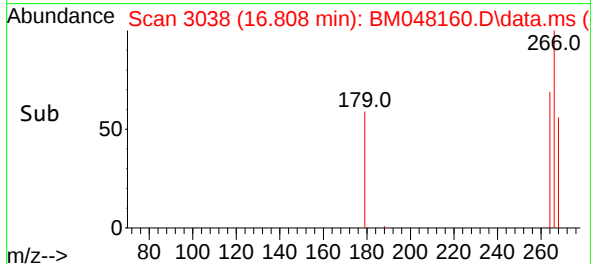
Instrument :
BNA_M
ClientSampleId :
E27G7DL



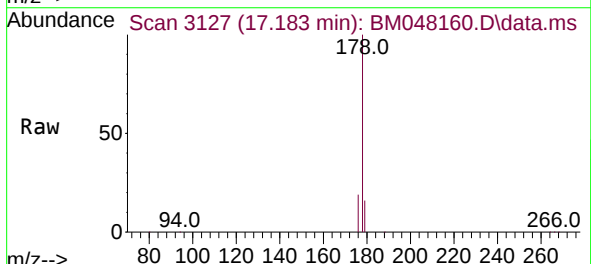
Tgt Ion:266 Resp: 266
Ion Ratio Lower Upper
266 100
264 57.8 50.2 75.2
268 60.8 51.8 77.6

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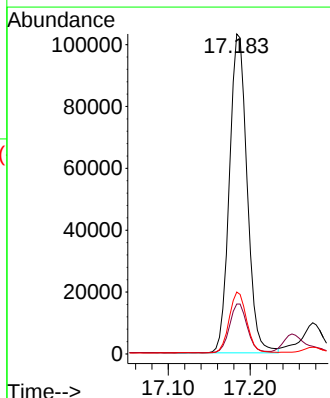
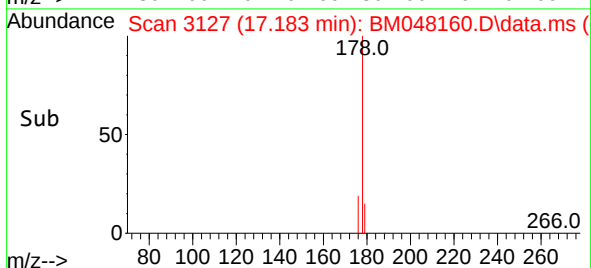
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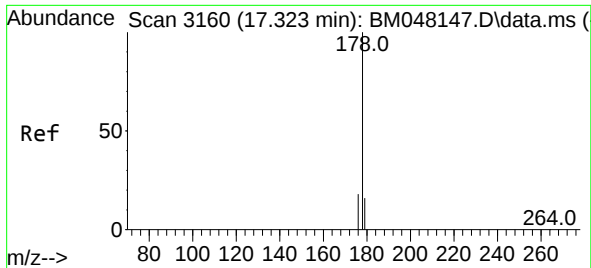


#15
Phenanthrene
Concen: 2.497 ng/u1
RT: 17.183 min Scan# 3127
Delta R.T. -0.033 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13



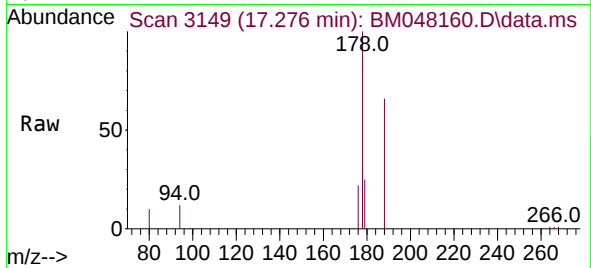
Tgt Ion:178 Resp: 154454
Ion Ratio Lower Upper
178 100
179 15.6 13.2 19.8
176 19.3 16.0 24.0





#16
Anthracene
Concen: 0.276 ng/ul
RT: 17.276 min Scan# 3160
Delta R.T. -0.045 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

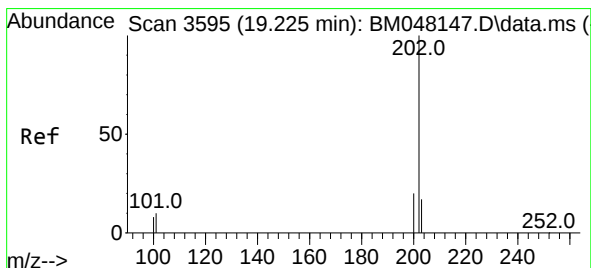
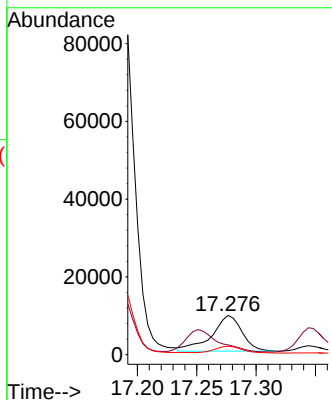
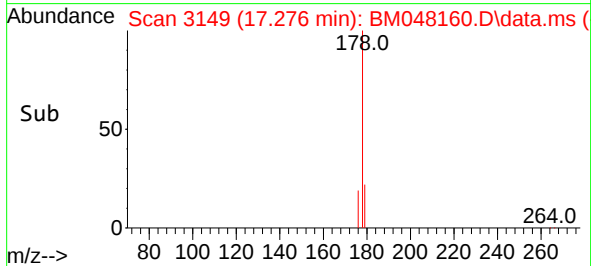
Instrument :
BNA_M
ClientSampleId :
E27G7DL



Tgt Ion:178 Resp: 16148
Ion Ratio Lower Upper
178 100
179 24.9 14.5 21.7
176 21.7 16.0 24.0

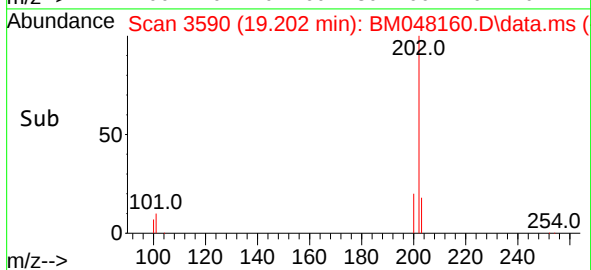
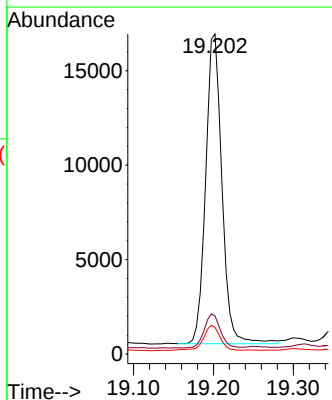
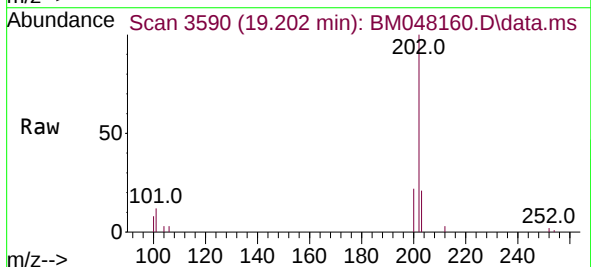
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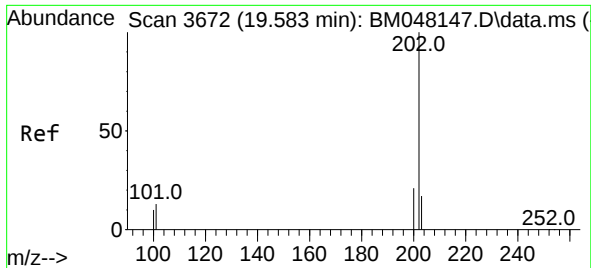
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#19
Fluoranthene
Concen: 0.297 ng/ul
RT: 19.202 min Scan# 3590
Delta R.T. -0.017 min
Lab File: BM048160.D
Acq: 21 Oct 2024 18:13

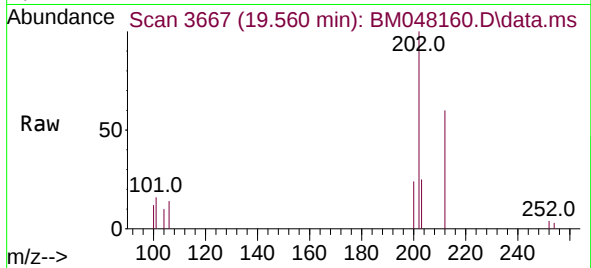
Tgt Ion:202 Resp: 23317
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 8.3 7.1 10.7





#20
 Pyrene
 Concen: 0.156 ng/ul
 RT: 19.560 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: BM048160.D
 Acq: 21 Oct 2024 18:13

Instrument :
 BNA_M
 ClientSampleId :
 E27G7DL



Tgt Ion:202 Resp: 13134
 Ion Ratio Lower Upper
 202 100
 101 15.8 10.6 16.0
 100 11.8 8.1 12.1

Manual Integrations
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