

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028837.D
 Acq On : 22 Nov 2023 11:54
 Operator : MA/JU
 Sample : 05268-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 21:36:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	3739	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.440	136	15322	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.294	164	9841	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.052	188	19827	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.270	240	14138	0.400	ng/ul	# 0.00
23) Perylene-d12	23.544	264	14822	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	27103	6.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152	8100m	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.090	212	24658	0.542	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.479	128	466998	10.876	ng/ul	99
7) 2-Methylnaphthalene	12.129	142	17220m	0.609	ng/ul	
8) 1-Methylnaphthalene	12.332	142	16849	0.587	ng/ul	100
10) Acenaphthylene	14.007	152	45892	0.934	ng/ul	98
11) Acenaphthene	14.354	153	185215	5.124	ng/ul	99
12) Fluorene	15.348	166	335268	7.973	ng/ul	99
14) Pentachlorophenol	16.702	266	10168	2.137	ng/ul	99
15) Phenanthrene	17.086	178	261648	4.295	ng/ul	100
16) Anthracene	17.179	178	25906	0.464	ng/ul	93
19) Fluoranthene	19.118	202	10963	0.182	ng/ul#	93
20) Pyrene	19.481	202	5960	0.096	ng/ul#	72

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

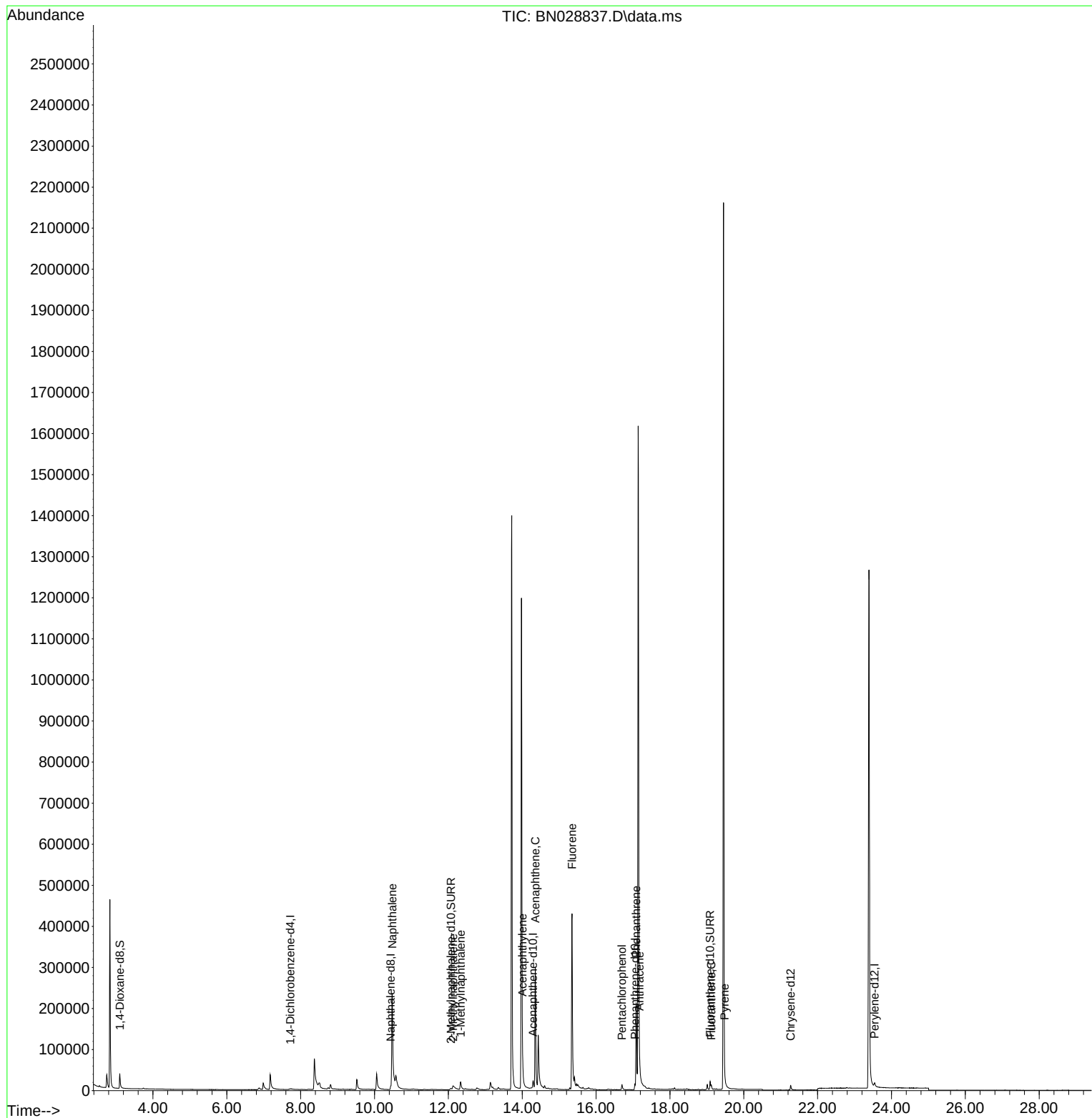
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028837.D
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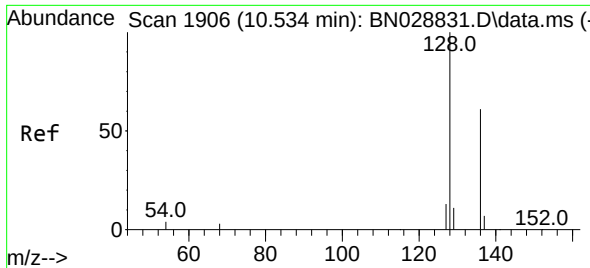
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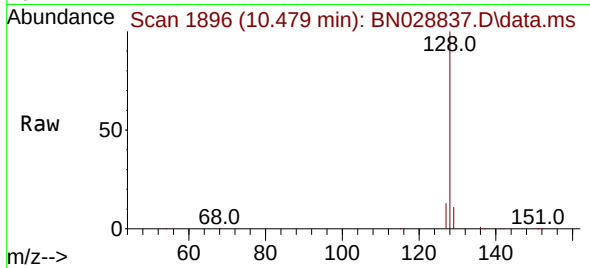
Quant Time: Nov 22 21:36:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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#5
Naphthalene
Concen: 10.876 ng/ul
RT: 10.479 min Scan# 11
Delta R.T. -0.027 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

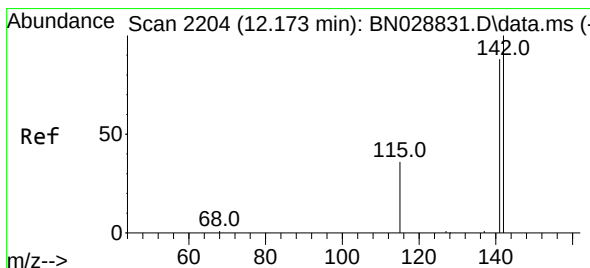
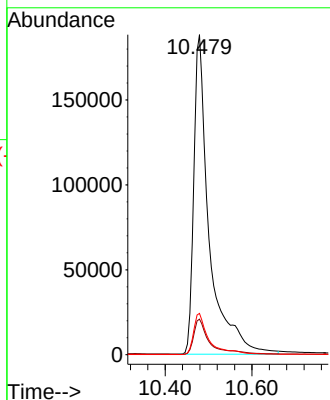
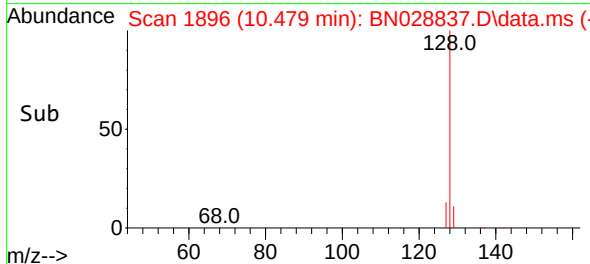
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:128 Resp: 466998
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.9 10.7 16.1

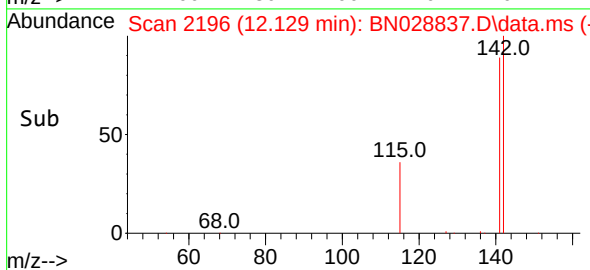
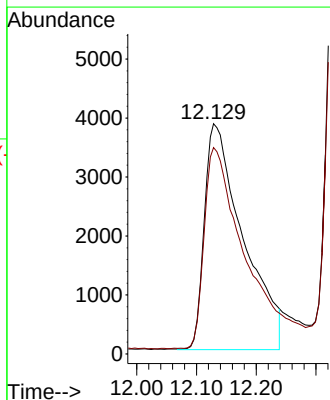
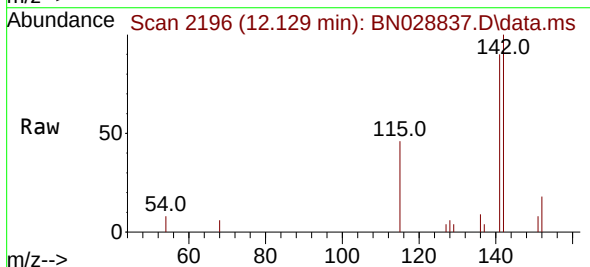
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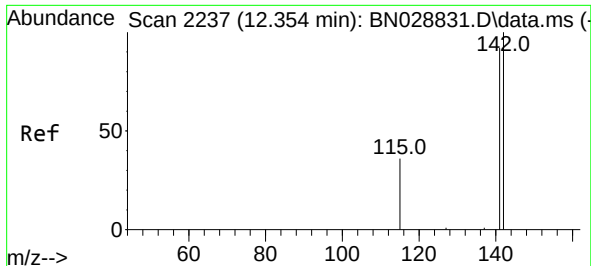
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#7
2-Methylnaphthalene
Concen: 0.609 ng/ul m
RT: 12.129 min Scan# 2196
Delta R.T. -0.011 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

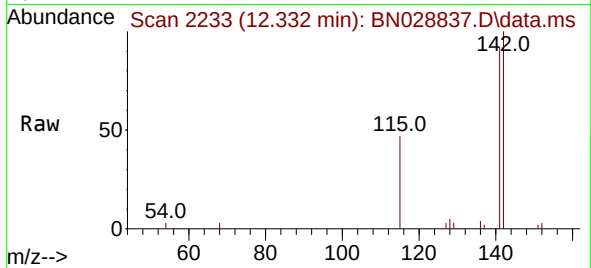
Tgt Ion:142 Resp: 17220
Ion Ratio Lower Upper
142 100
141 75.2 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.587 ng/ul
RT: 12.332 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

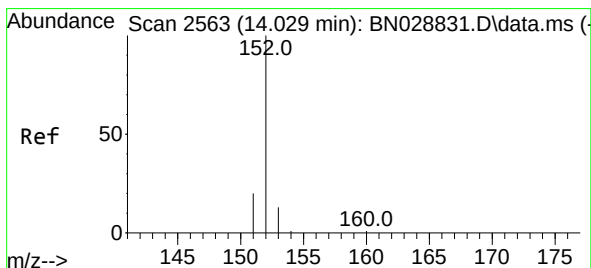
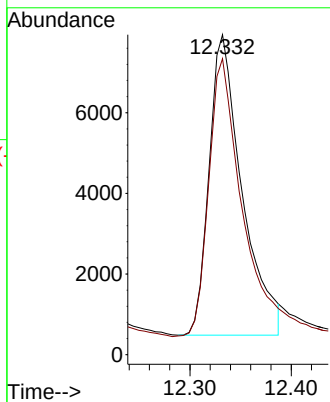
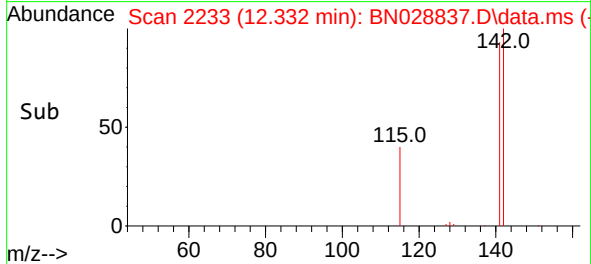
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 16849
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

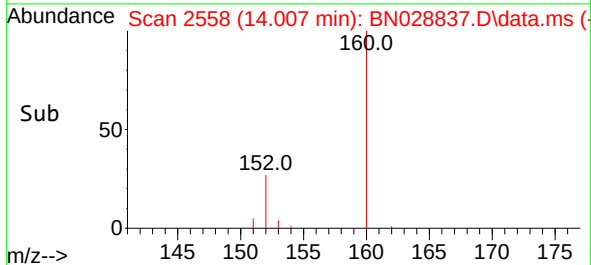
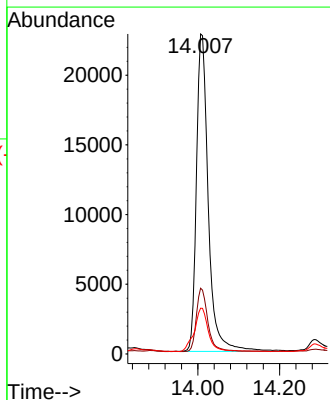
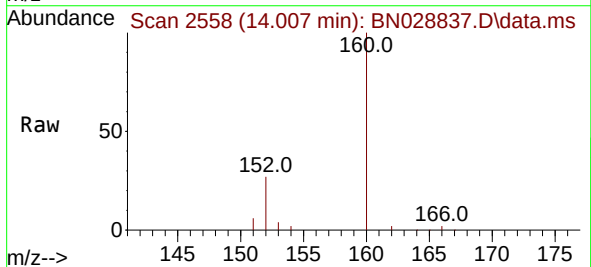
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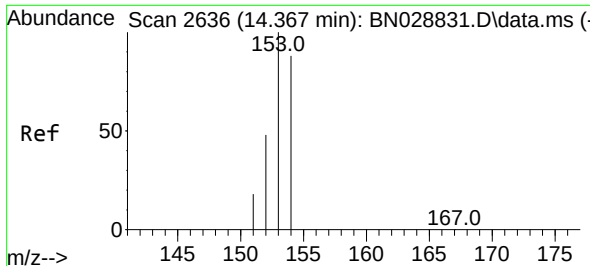
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Supervised By :mohammad ahmed 11/25/2023



#10
Acenaphthylene
Concen: 0.934 ng/ul
RT: 14.007 min Scan# 2558
Delta R.T. -0.018 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

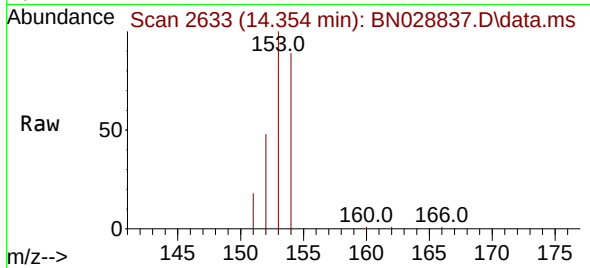
Tgt Ion:152 Resp: 45892
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.3 10.6 15.8





#11
Acenaphthene
Concen: 5.124 ng/ul
RT: 14.354 min Scan# 2633
Delta R.T. -0.009 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

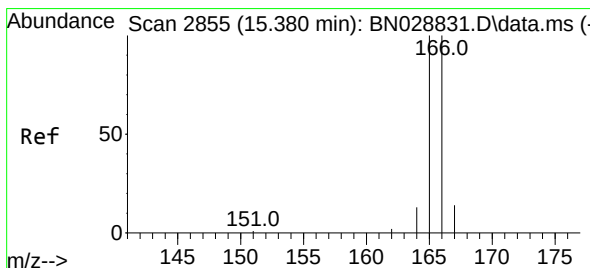
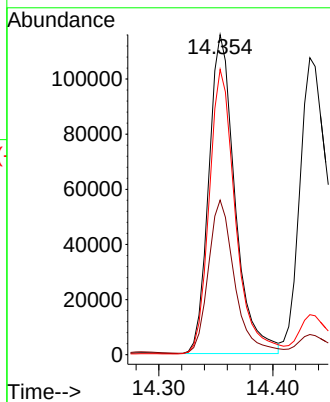
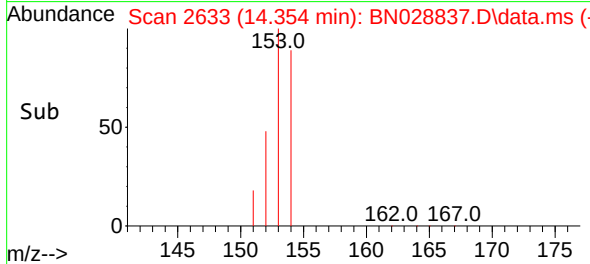
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 185215
Ion Ratio Lower Upper
153 100
152 48.3 39.6 59.4
154 89.2 71.0 106.6

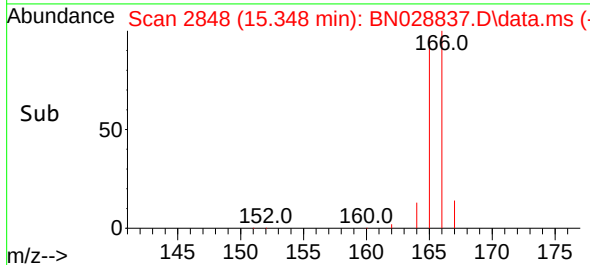
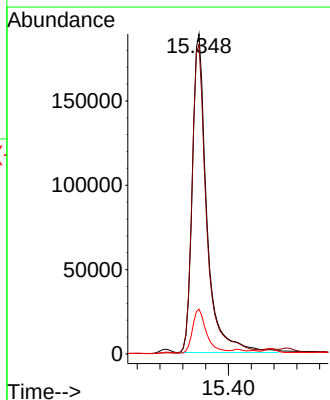
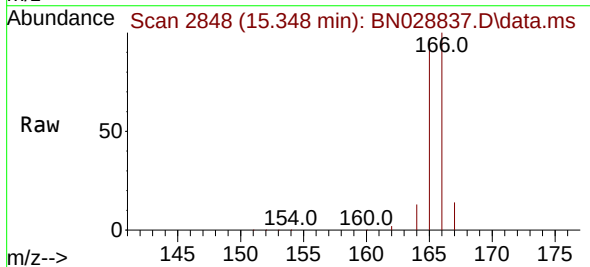
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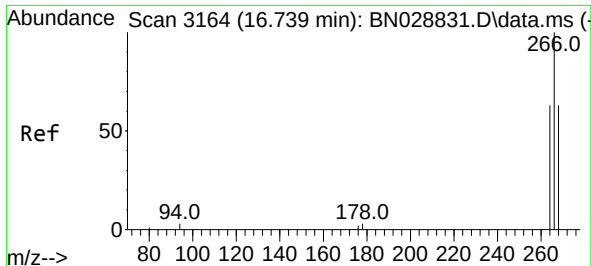
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#12
Fluorene
Concen: 7.973 ng/ul
RT: 15.348 min Scan# 2848
Delta R.T. -0.019 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

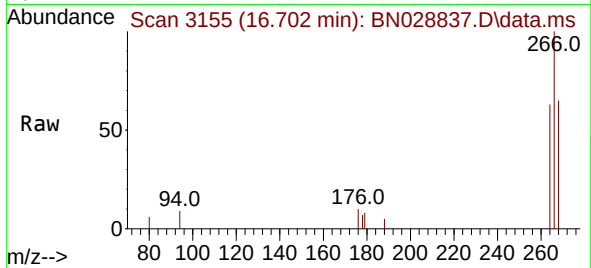
Tgt Ion:166 Resp: 335268
Ion Ratio Lower Upper
166 100
165 96.7 78.6 118.0
167 14.0 11.0 16.6





#14
Pentachlorophenol
Concen: 2.137 ng/ul
RT: 16.702 min Scan# 3164
Delta R.T. -0.021 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

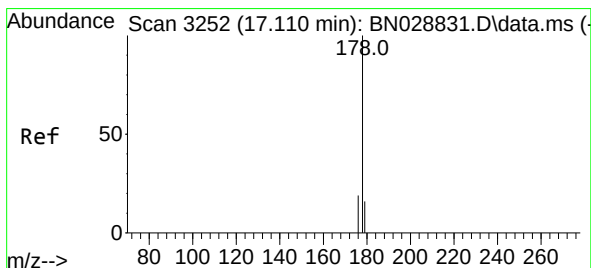
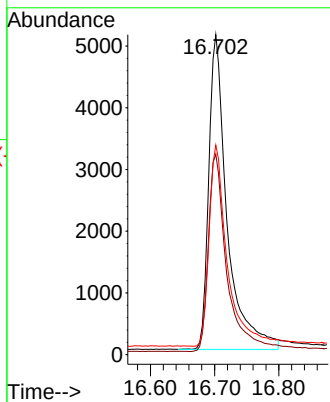
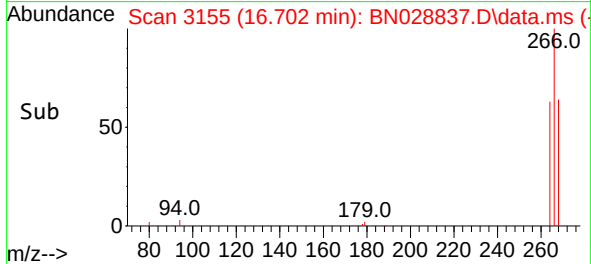
Instrument :
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DCKE8



Tgt Ion:266 Resp: 10168
Ion Ratio Lower Upper
266 100
264 63.2 50.1 75.1
268 63.4 50.6 75.8

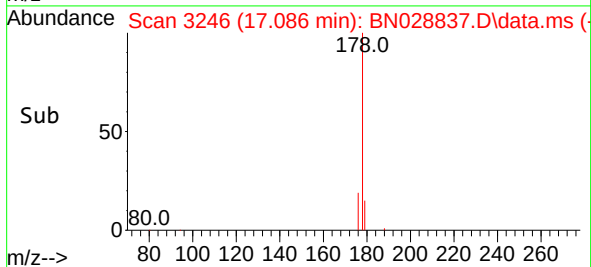
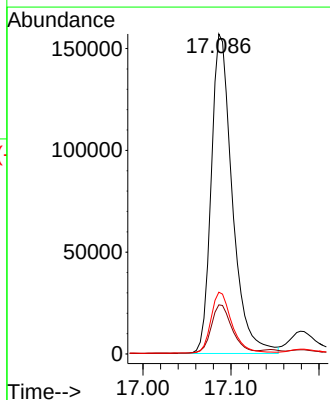
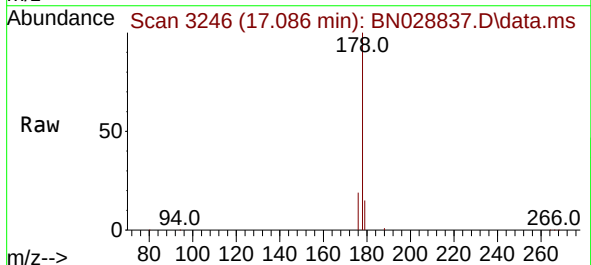
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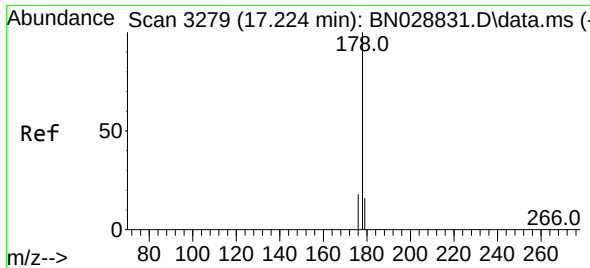
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#15
Phenanthrene
Concen: 4.295 ng/ul
RT: 17.086 min Scan# 3246
Delta R.T. -0.017 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

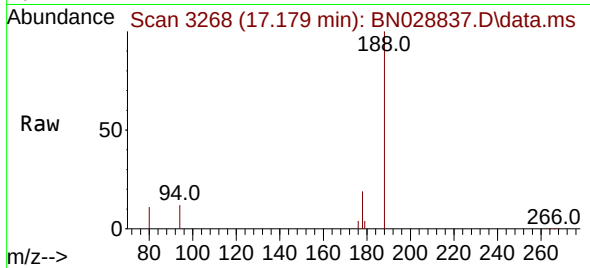
Tgt Ion:178 Resp: 261648
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.464 ng/ul
 RT: 17.179 min Scan# 3178
 Delta R.T. -0.025 min
 Lab File: BN028837.D
 Acq: 22 Nov 2023 11:54

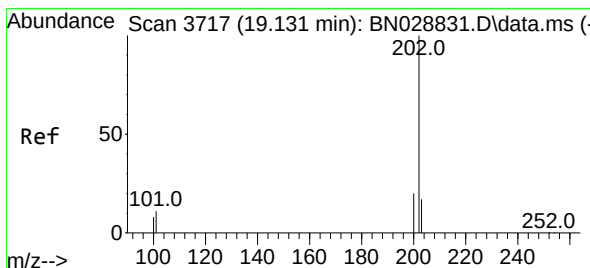
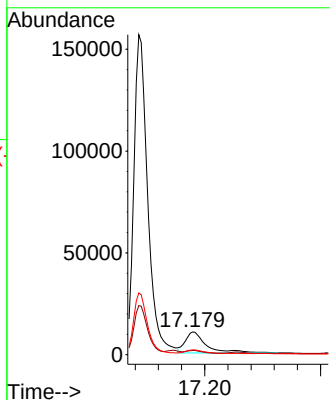
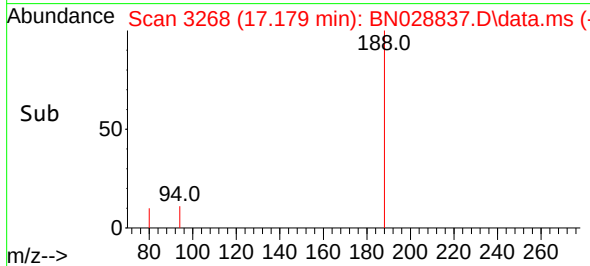
Instrument :
 BNA_N
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Tgt Ion:178 Resp: 25900
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.6 18.8
 176 21.4 14.9 22.3

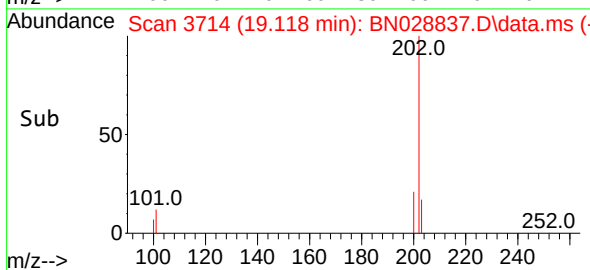
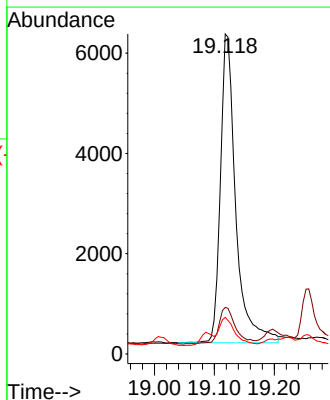
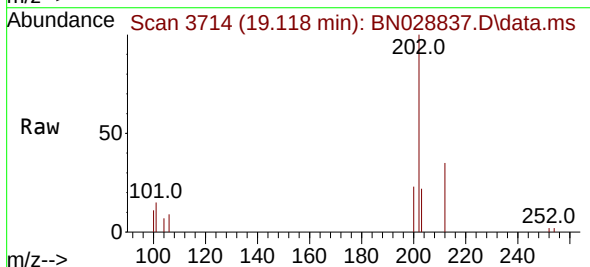
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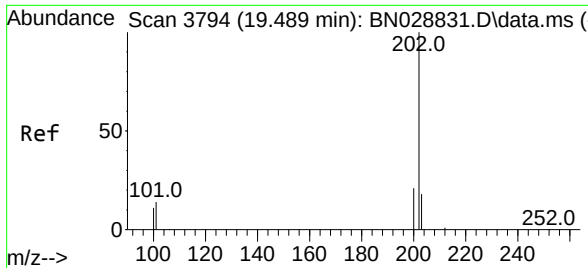
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 Supervised By :mohammad ahmed 11/25/2023



#19
 Fluoranthene
 Concen: 0.182 ng/ul
 RT: 19.118 min Scan# 3714
 Delta R.T. -0.005 min
 Lab File: BN028837.D
 Acq: 22 Nov 2023 11:54

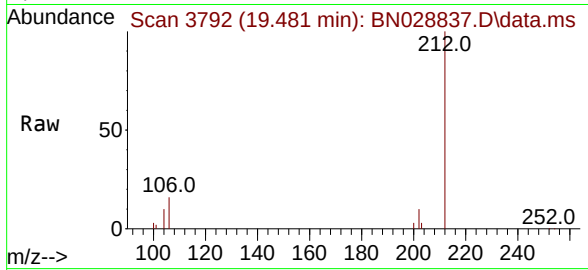
Tgt Ion:202 Resp: 10963
 Ion Ratio Lower Upper
 202 100
 101 14.6 9.5 14.3#
 100 11.5 7.2 10.8#





#20
Pyrene
Concen: 0.096 ng/ul
RT: 19.481 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN028837.D
Acq: 22 Nov 2023 11:54

Instrument :
BNA_N
ClientSampleId :
DCKE8



Tgt Ion:202 Resp: 5960
Ion Ratio Lower Upper
202 100
101 19.3 10.3 15.5
100 26.0 8.2 12.2

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