

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028856.D
 Acq On : 24 Nov 2023 13:34
 Operator : MA/JU
 Sample : 05268-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKE8

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 01:02:09 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	7.706	152	5018	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.439	136	19237	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.292	164	10445	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.051	188	18258	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.271	240	12101	0.400	ng/ul	# 0.00
23) Perylene-d12	23.539	264	14867	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.103	96	27400	4.941	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.067	152	6248m	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.088	212	12728	0.327	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.477	128	349239	6.478	ng/ul	99
7) 2-Methylnaphthalene	12.133	142	12748m	0.359	ng/ul	
8) 1-Methylnaphthalene	12.331	142	11509	0.319	ng/ul	100
10) Acenaphthylene	14.005	152	30859	0.592	ng/ul	98
11) Acenaphthene	14.352	153	124791	3.253	ng/ul	99
12) Fluorene	15.347	166	213650	4.787	ng/ul	99
14) Pentachlorophenol	16.701	266	4931	1.125	ng/ul	99
15) Phenanthrene	17.089	178	152158	2.712	ng/ul	100
16) Anthracene	17.178	178	15534	0.302	ng/ul#	93
19) Fluoranthene	19.121	202	5734	0.111	ng/ul#	89

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

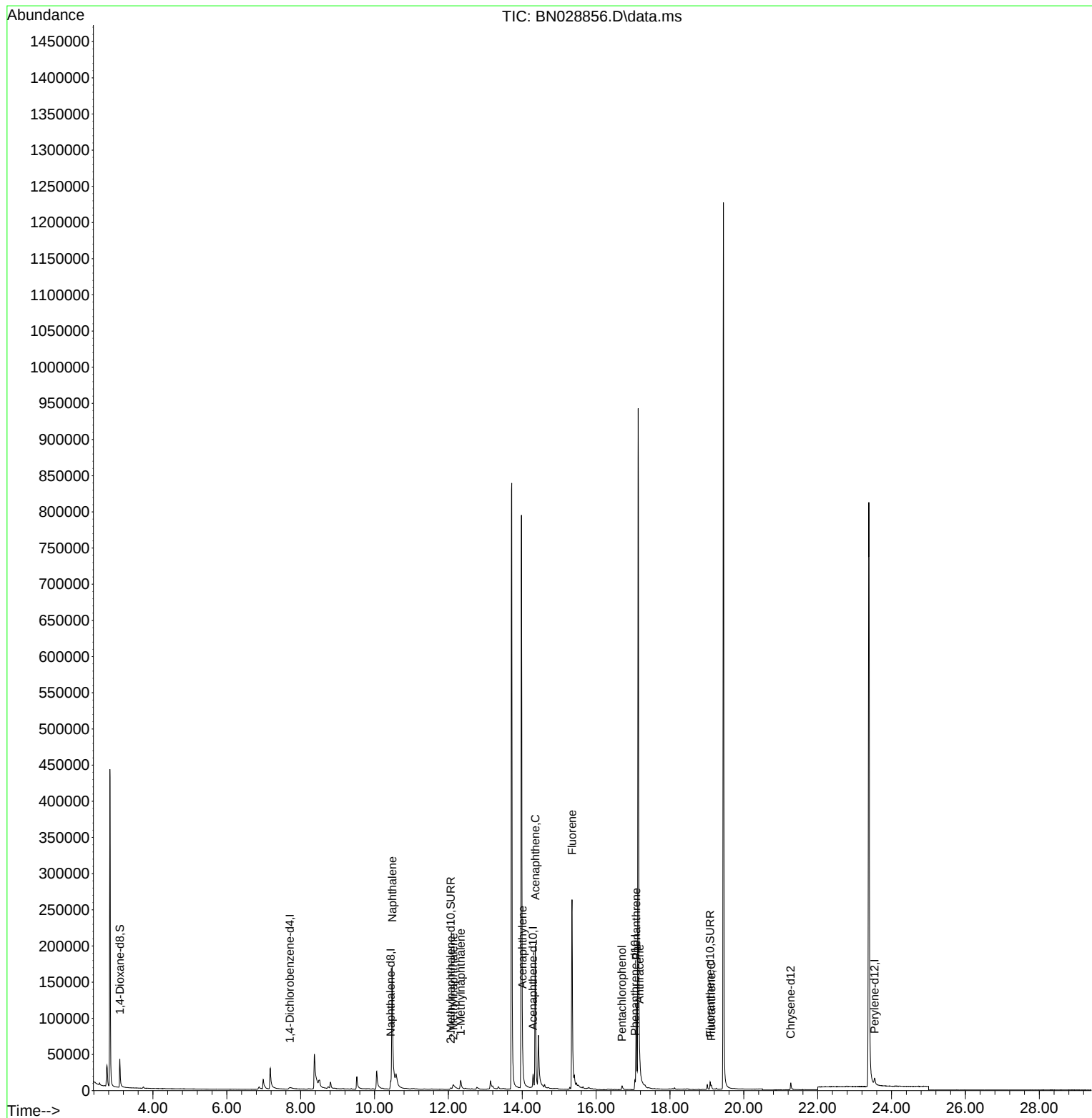
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
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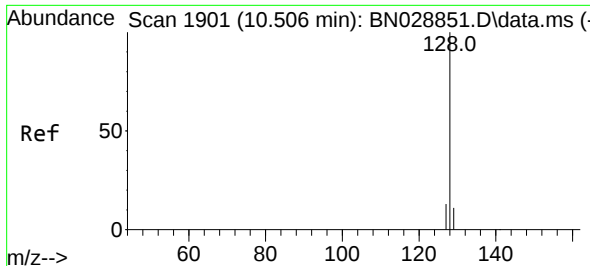
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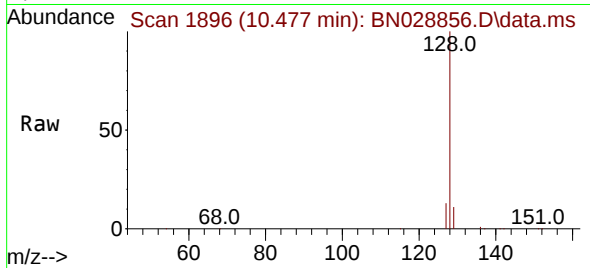
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#5
Naphthalene
Concen: 6.478 ng/ul
RT: 10.477 min Scan# 1896
Delta R.T. -0.029 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

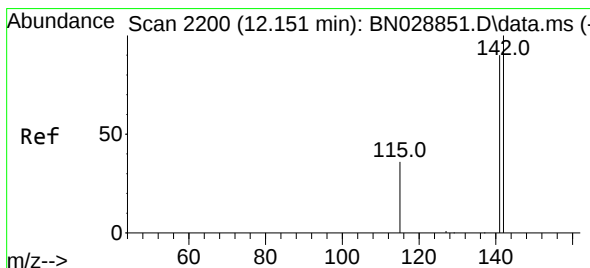
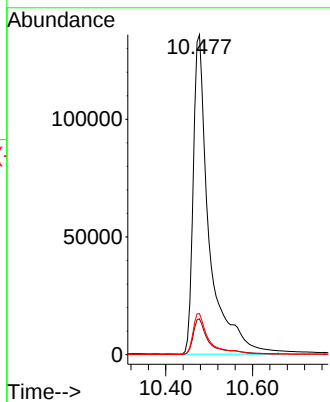
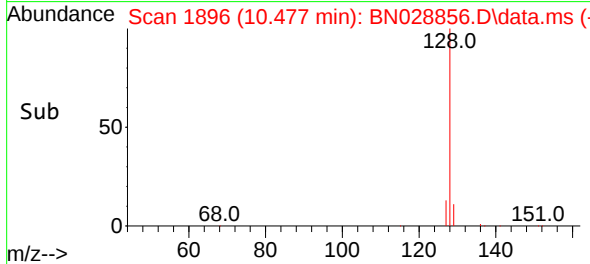
Instrument :
BNA_N
ClientSampleId :
DCKE8



Tgt Ion:128 Resp: 349239
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 12.8 10.7 16.1

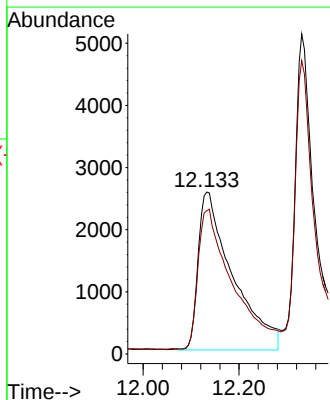
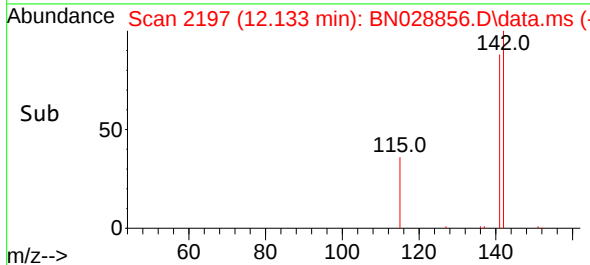
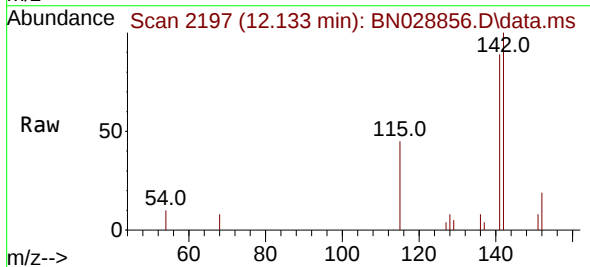
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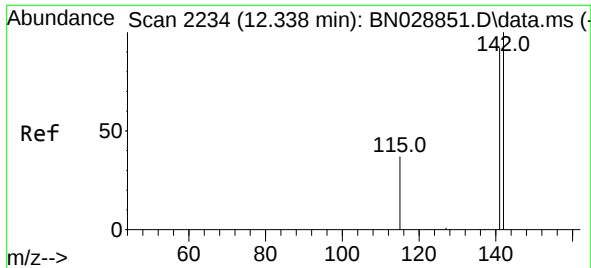
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.359 ng/ul m
RT: 12.133 min Scan# 2197
Delta R.T. -0.007 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

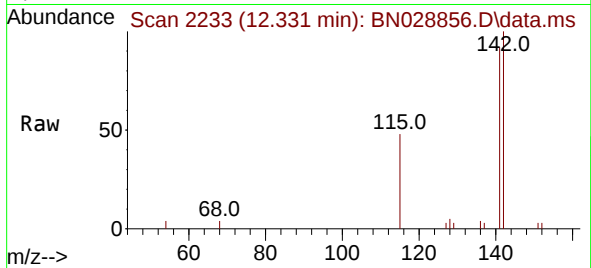
Tgt Ion:142 Resp: 12748
Ion Ratio Lower Upper
142 100
141 64.6 70.8 106.2#





#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.331 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

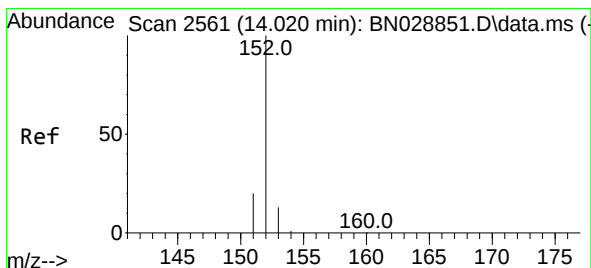
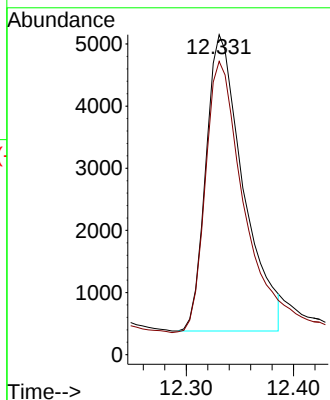
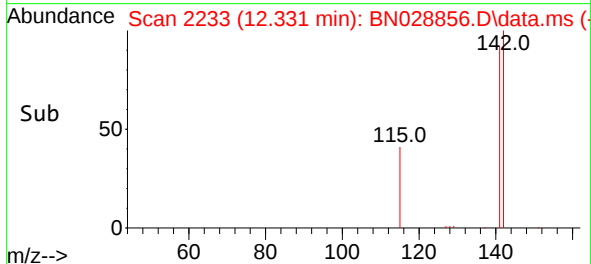
Instrument :
BNA_N
ClientSampleId :
DCKE8



Tgt Ion:142 Resp: 11509
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

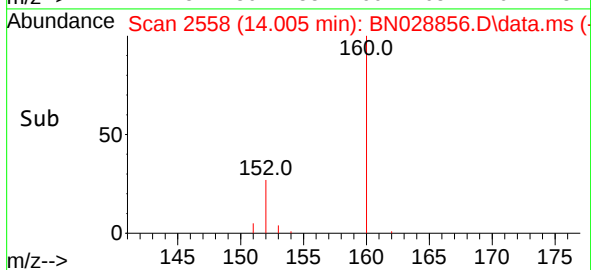
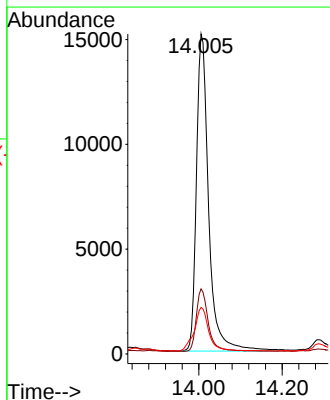
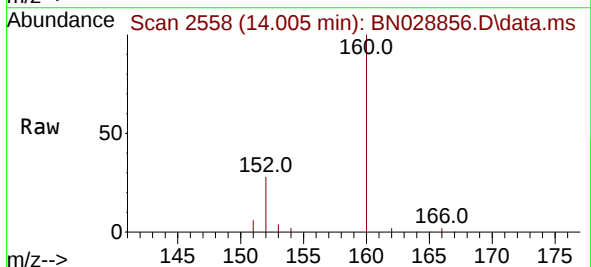
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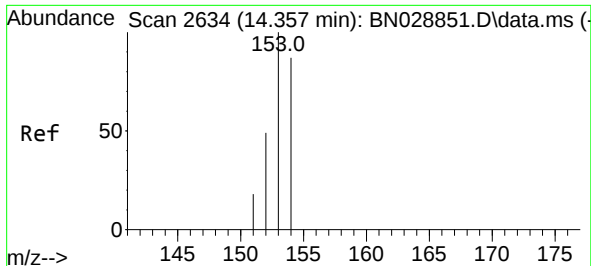
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#10
Acenaphthylene
Concen: 0.592 ng/ul
RT: 14.005 min Scan# 2558
Delta R.T. -0.020 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

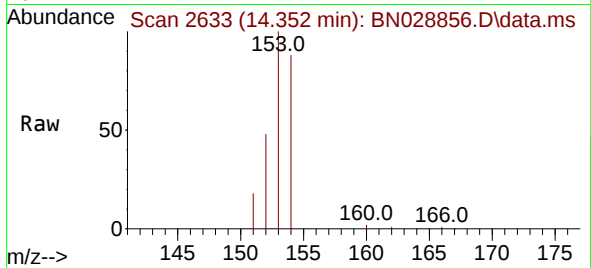
Tgt Ion:152 Resp: 30859
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.6 10.6 15.8





#11
Acenaphthene
Concen: 3.253 ng/ul
RT: 14.352 min Scan# 2048
Delta R.T. -0.011 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

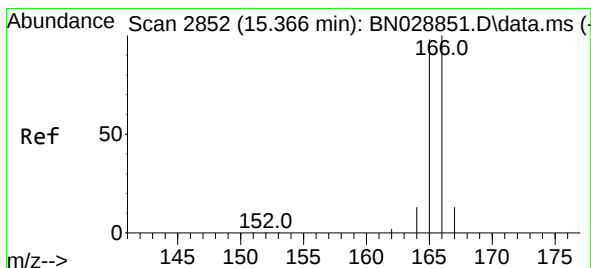
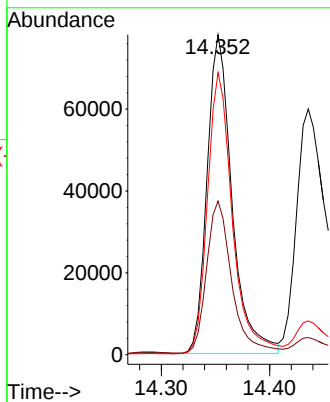
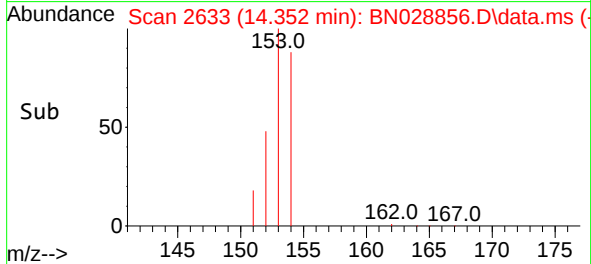
Instrument :
BNA_N
ClientSampleId :
DCKE8



Tgt Ion:153 Resp: 124791
Ion Ratio Lower Upper
153 100
152 48.0 39.6 59.4
154 88.2 71.0 106.6

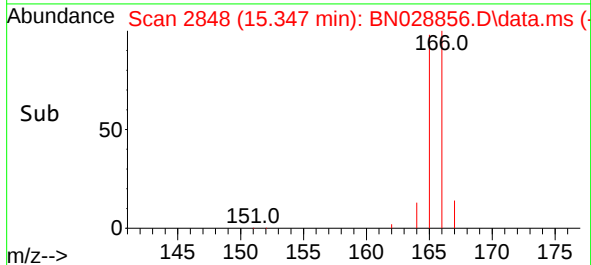
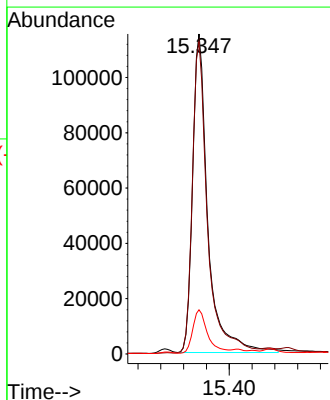
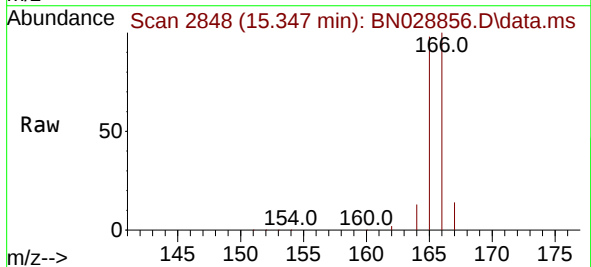
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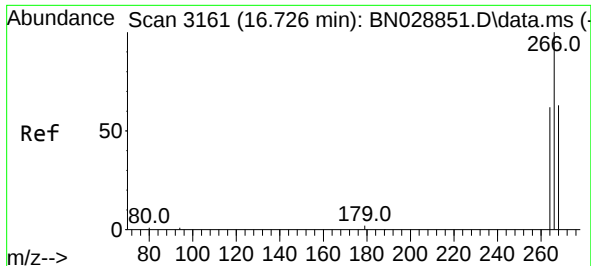
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#12
Fluorene
Concen: 4.787 ng/ul
RT: 15.347 min Scan# 2848
Delta R.T. -0.020 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

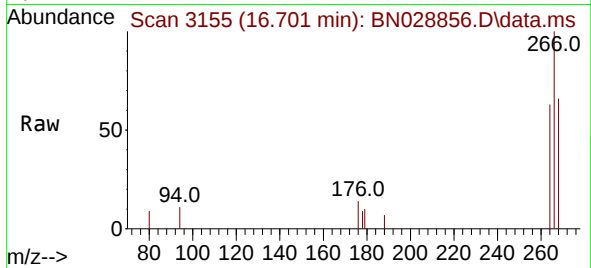
Tgt Ion:166 Resp: 213650
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 13.8 11.0 16.6





#14
Pentachlorophenol
Concen: 1.125 ng/ul
RT: 16.701 min Scan# 3161
Delta R.T. -0.023 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

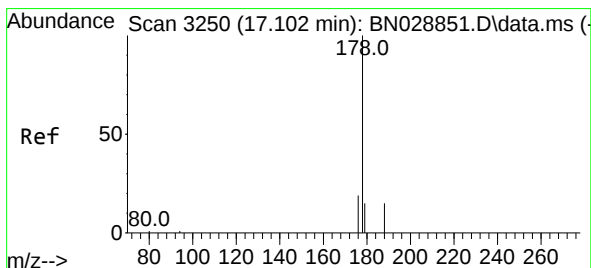
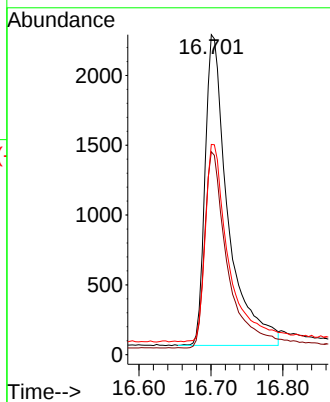
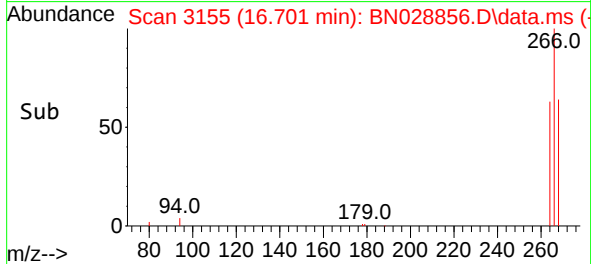
Instrument :
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ClientSampleId :
DCKE8



Tgt Ion:266 Resp: 493
Ion Ratio Lower Upper
266 100
264 63.3 50.1 75.1
268 64.2 50.6 75.8

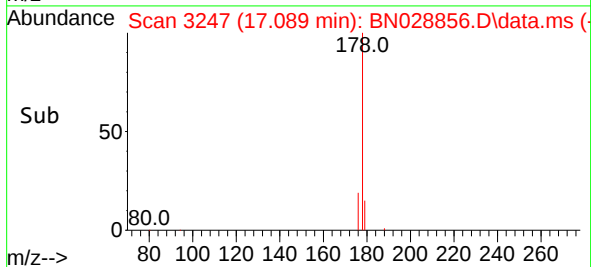
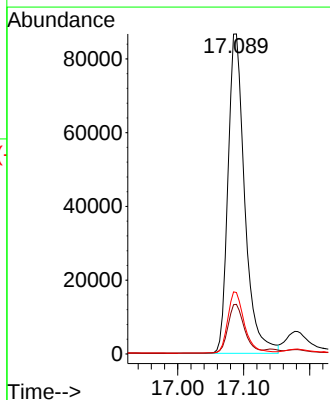
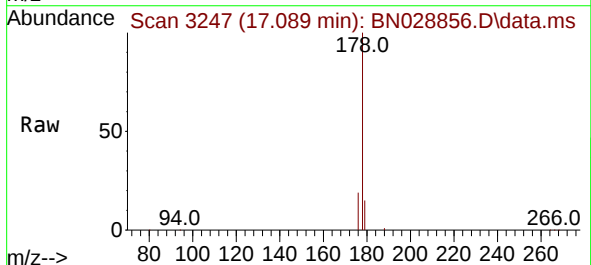
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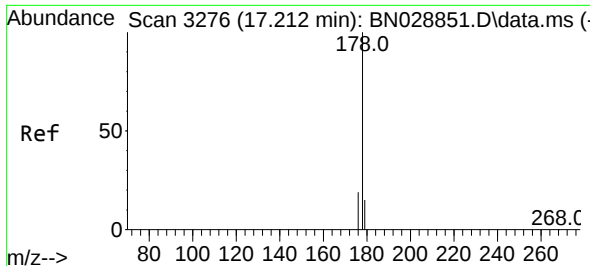
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#15
Phenanthrene
Concen: 2.712 ng/ul
RT: 17.089 min Scan# 3247
Delta R.T. -0.014 min
Lab File: BN028856.D
Acq: 24 Nov 2023 13:34

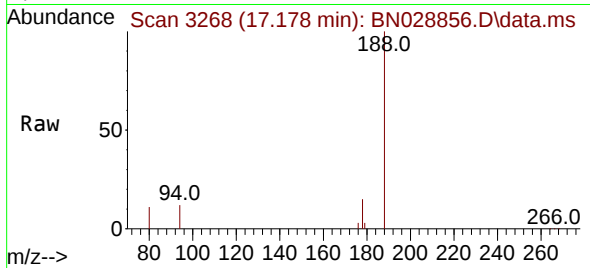
Tgt Ion:178 Resp: 152158
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 15.4 23.2





#16
 Anthracene
 Concen: 0.302 ng/ul
 RT: 17.178 min Scan# 3178
 Delta R.T. -0.027 min
 Lab File: BN028856.D
 Acq: 24 Nov 2023 13:34

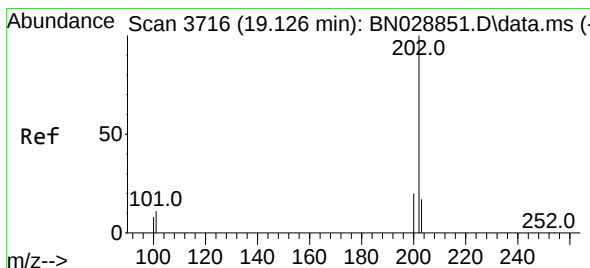
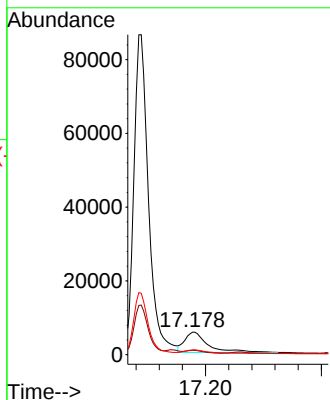
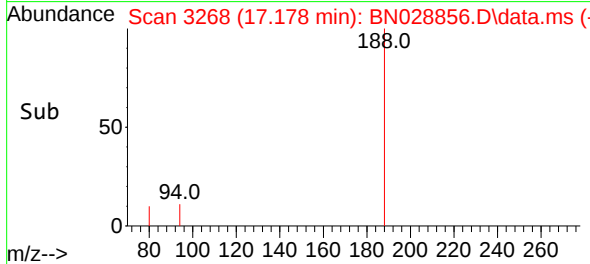
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Tgt Ion:178 Resp: 15534
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.6 18.8#
 176 21.5 14.9 22.3#

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#19
 Fluoranthene
 Concen: 0.111 ng/ul
 RT: 19.121 min Scan# 3715
 Delta R.T. -0.002 min
 Lab File: BN028856.D
 Acq: 24 Nov 2023 13:34

Tgt Ion:202 Resp: 5734
 Ion Ratio Lower Upper
 202 100
 101 15.8 9.5 14.3#
 100 13.0 7.2 10.8#

