

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024184.D
 Acq On : 09 Mar 2023 01:25
 Operator : CG/JU
 Sample : 01746-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2023
 Supervised By : Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 03:52:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 03:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	27155	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	18254	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	32294	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	23834	0.400	ng/ul	-0.01
23) Perylene-d12	24.114	264	22324	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	40121	4.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12644	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	30434	0.480	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.938	128	12490671	184.281	ng/ul	Qvalue 98
7) 2-Methylnaphthalene	12.528	142	1103525	26.836	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	963776	22.302	ng/ul	100
10) Acenaphthylene	14.411	152	189745	2.491	ng/ul	98
11) Acenaphthene	14.754	153	1615911	27.539	ng/ul	97
12) Fluorene	15.735	166	657340	10.032	ng/ul	99
14) Pentachlorophenol	17.080	266	317847	35.435	ng/ul#	73
15) Phenanthrene	17.477	178	1365345	14.761	ng/ul	99
16) Anthracene	17.570	178	123207	1.518	ng/ul	99
19) Fluoranthene	19.487	202	53112	0.560	ng/ul	99
20) Pyrene	19.850	202	26186m	0.272	ng/ul	

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

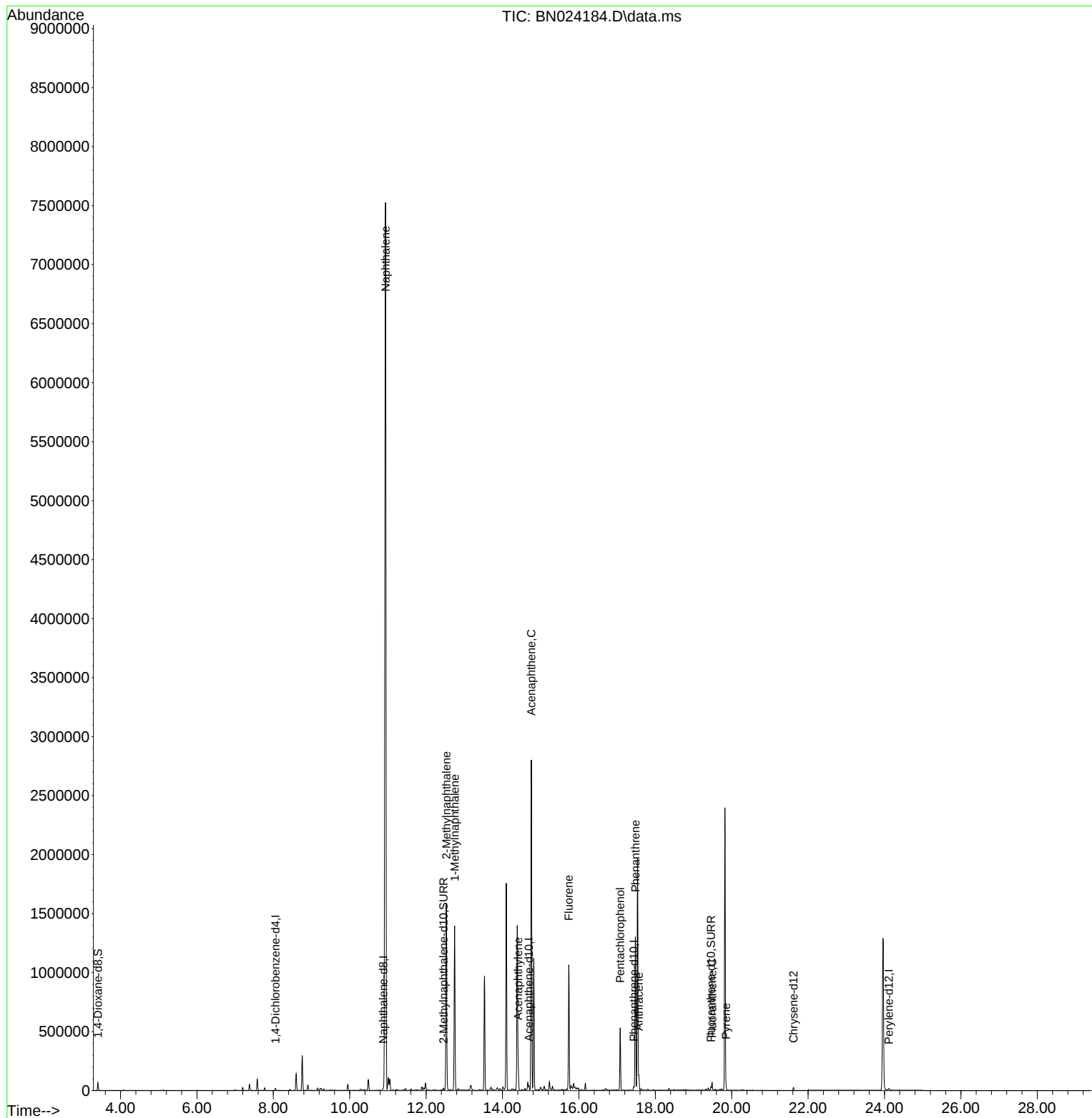
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024184.D
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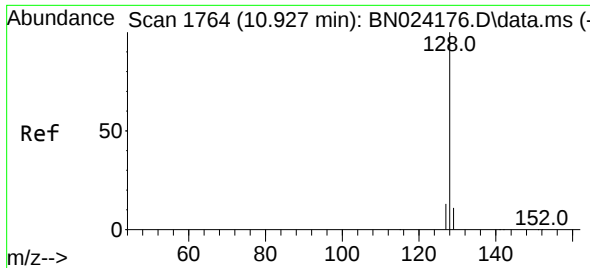
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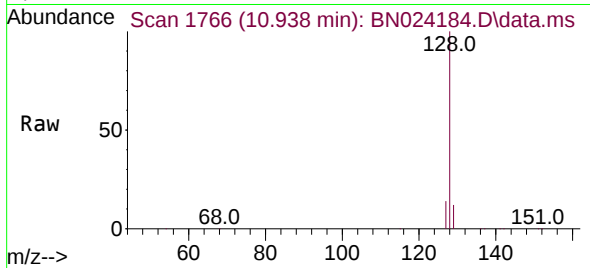
Quant Time: Mar 09 03:52:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
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QLast Update : Thu Mar 09 03:48:21 2023
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#5
Naphthalene
Concen: 184.281 ng/ul
RT: 10.938 min Scan# 1766
Delta R.T. 0.011 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

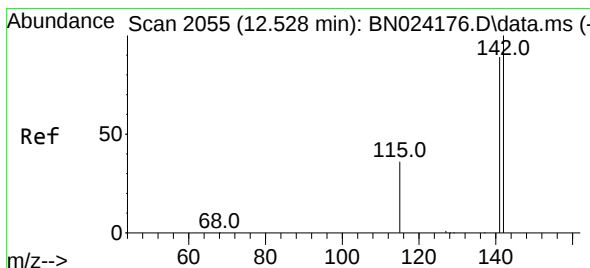
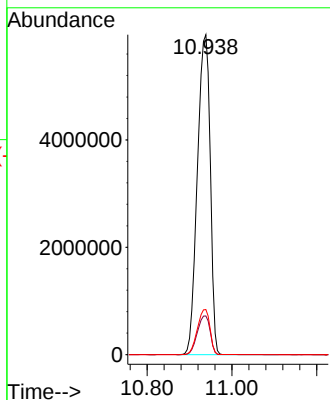
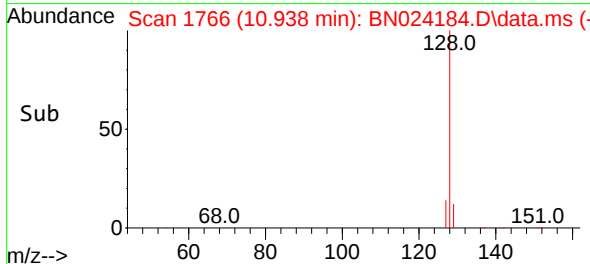
Instrument :
BNA_N
ClientSampleId :
DCAE2



Tgt Ion:128 Resp:1249067
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 14.1 10.5 15.7

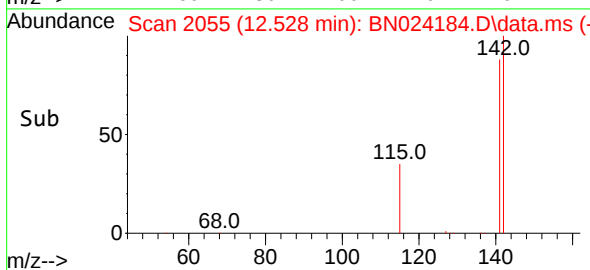
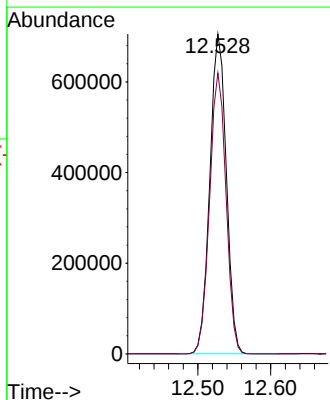
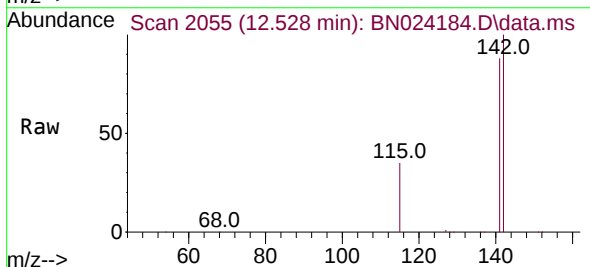
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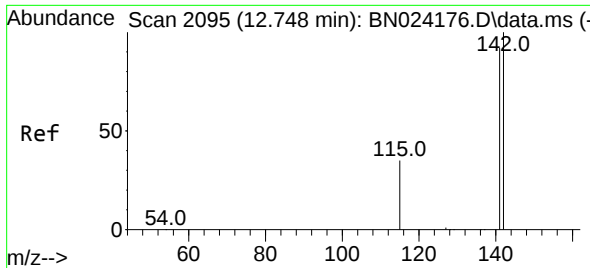
Reviewed By :Christian Giraldo 03/09/2023
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#7
2-Methylnaphthalene
Concen: 26.836 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

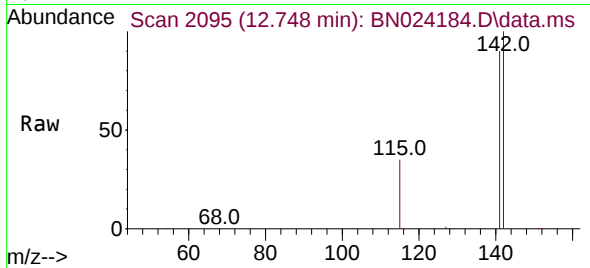
Tgt Ion:142 Resp: 1103525
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 22.302 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

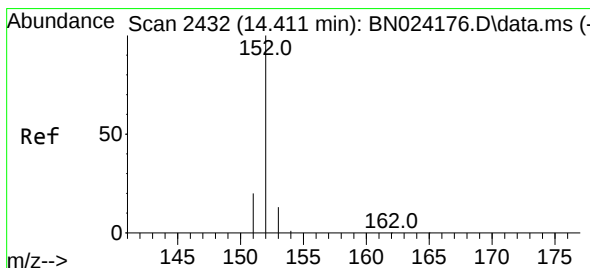
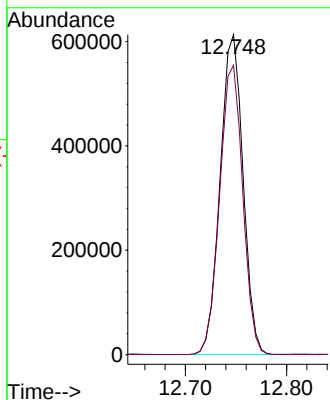
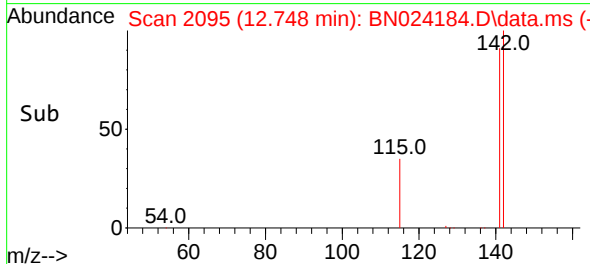
Instrument :
BNA_N
ClientSampleId :
DCAE2



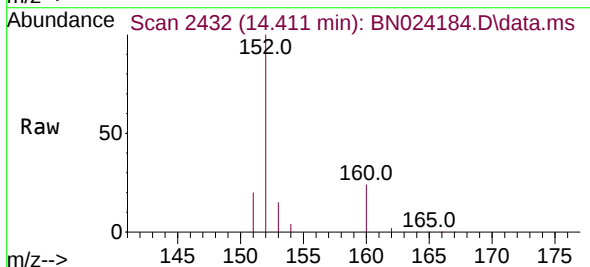
Tgt Ion:142 Resp: 963776
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

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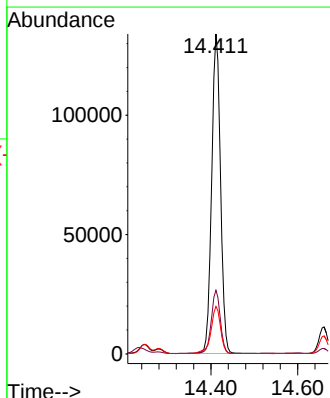
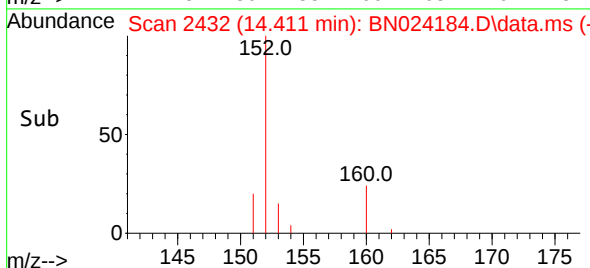
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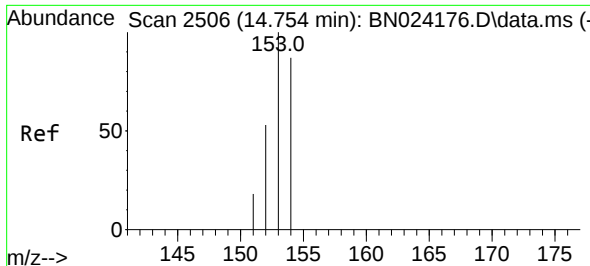


#10
Acenaphthylene
Concen: 2.491 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25



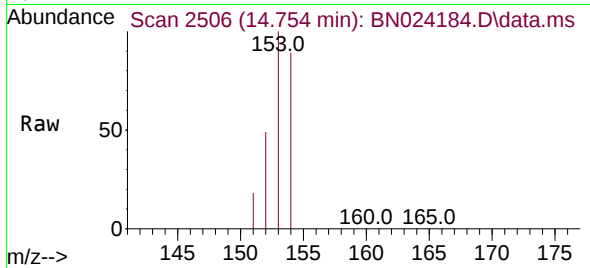
Tgt Ion:152 Resp: 189745
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.9 10.6 16.0





#11
Acenaphthene
Concen: 27.539 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

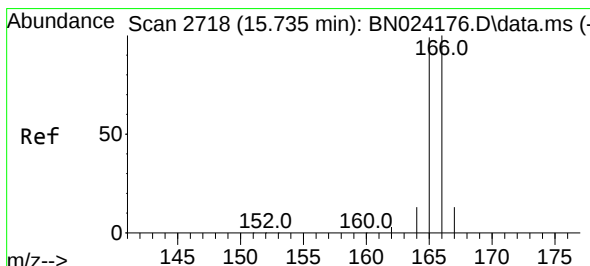
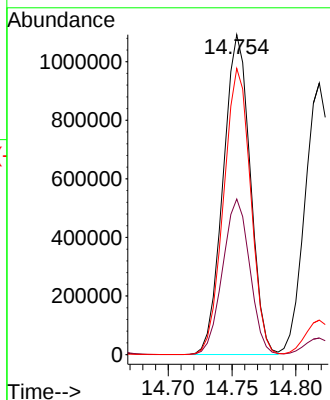
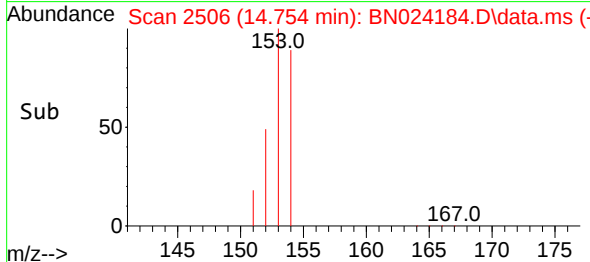
Instrument :
BNA_N
ClientSampleId :
DCAE2



Tgt Ion:153 Resp: 1615911
Ion Ratio Lower Upper
153 100
152 48.6 42.6 64.0
154 89.5 70.6 105.8

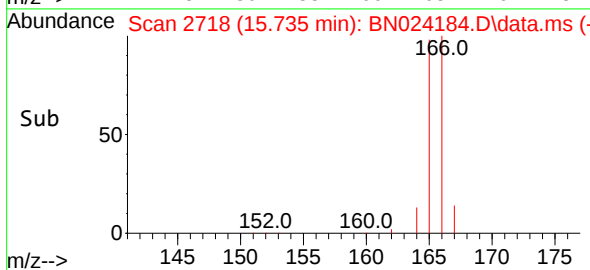
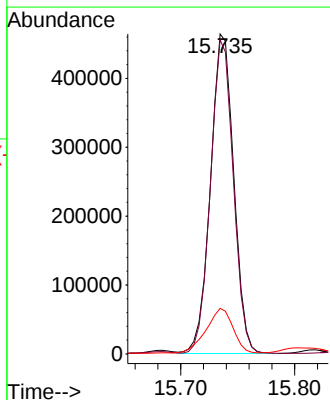
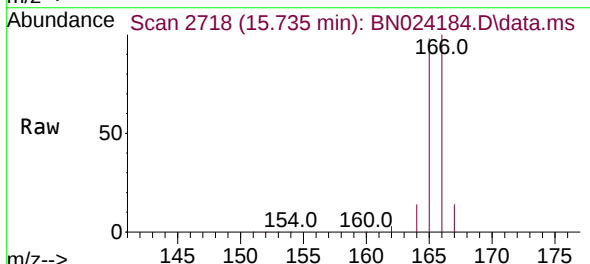
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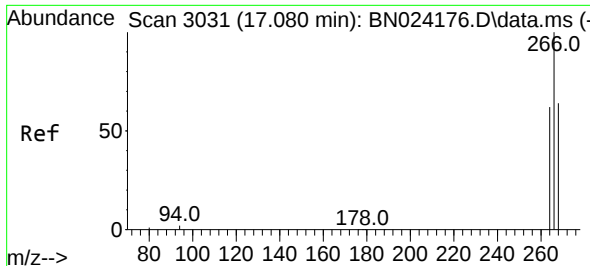
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#12
Fluorene
Concen: 10.032 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

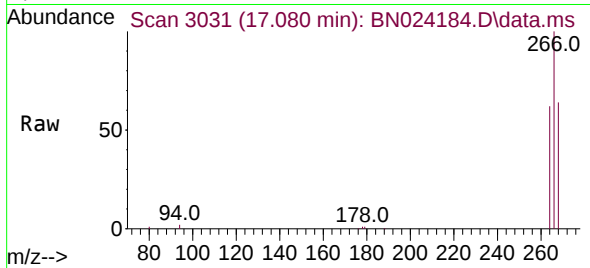
Tgt Ion:166 Resp: 657340
Ion Ratio Lower Upper
166 100
165 98.1 77.4 116.0
167 14.2 10.9 16.3





#14
Pentachlorophenol
Concen: 35.435 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

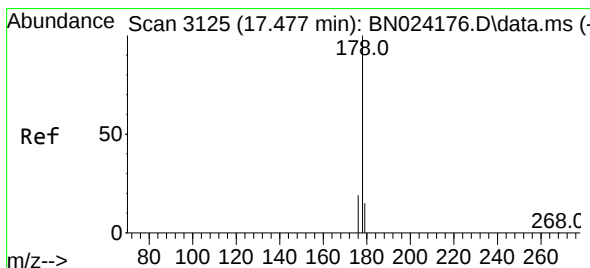
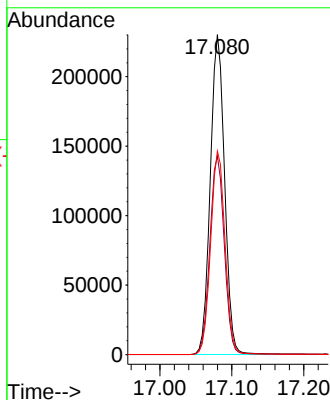
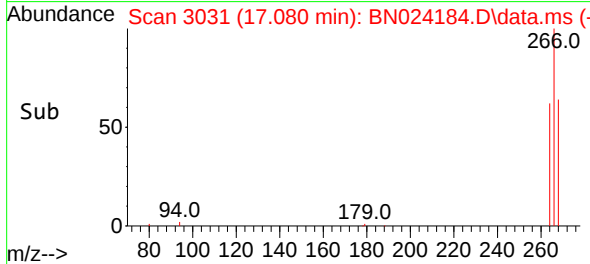
Instrument :
BNA_N
ClientSampleId :
DCAE2



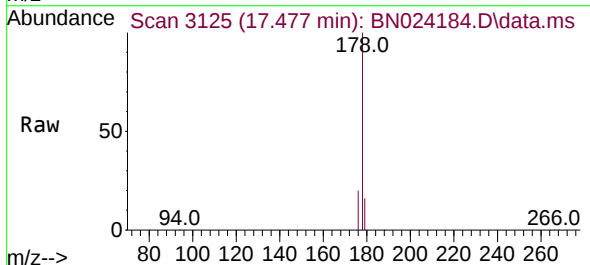
Tgt Ion:266 Resp: 31784
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0
268 64.0 0.1 0.1

Manual Integrations
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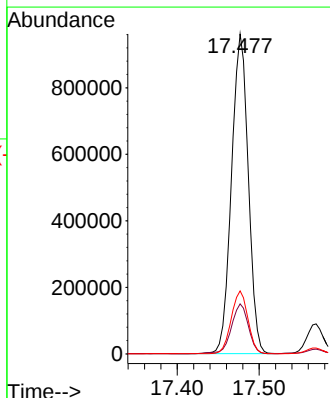
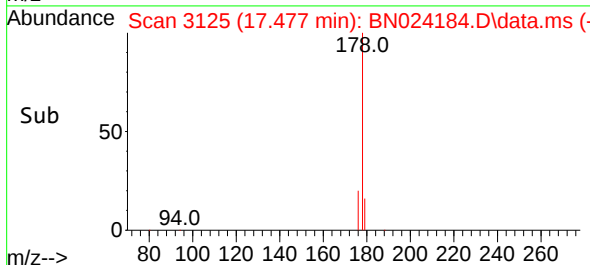
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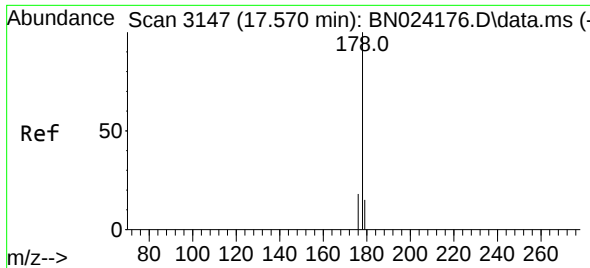


#15
Phenanthrene
Concen: 14.761 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25



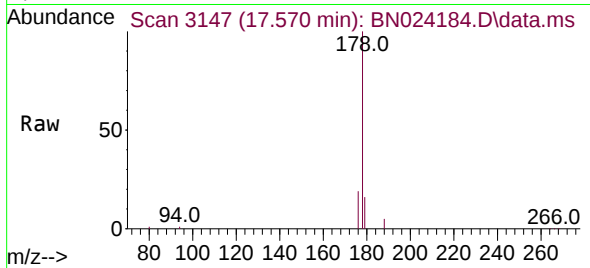
Tgt Ion:178 Resp: 1365345
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.7 15.7 23.5





#16
 Anthracene
 Concen: 1.518 ng/ul
 RT: 17.570 min Scan# 3147
 Delta R.T. -0.000 min
 Lab File: BN024184.D
 Acq: 09 Mar 2023 01:25

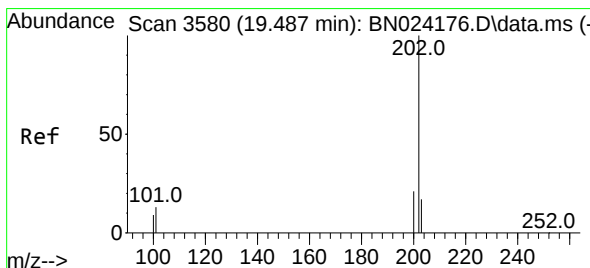
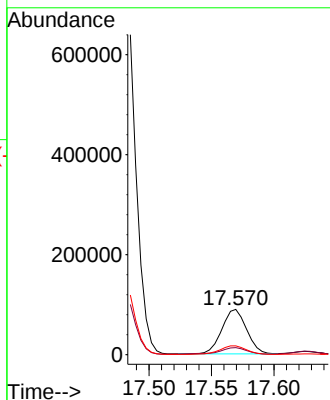
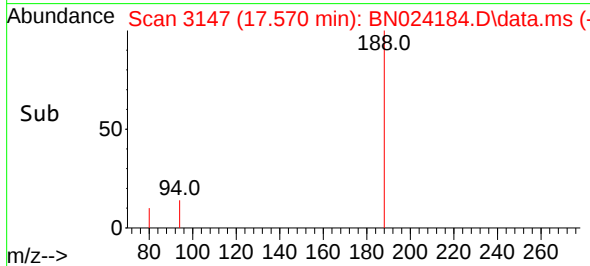
Instrument :
 BNA_N
 ClientSampleId :
 DCAE2



Tgt Ion:178 Resp: 123207
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 19.5 15.3 22.9

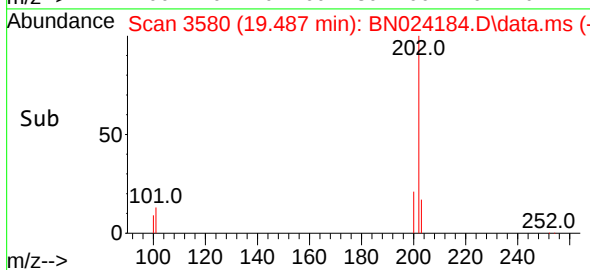
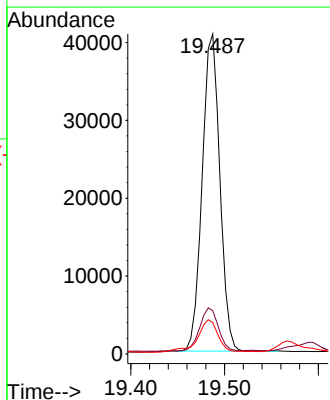
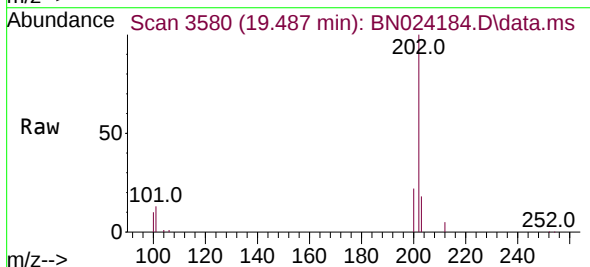
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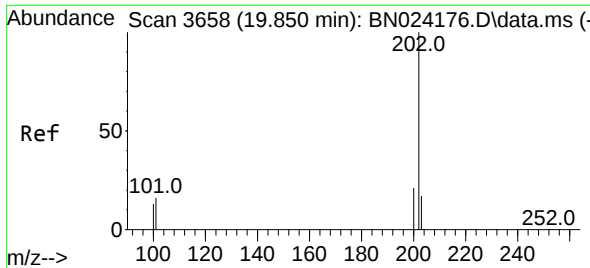
Reviewed By :Christian Giraldo 03/09/2023
 Supervised By :Jagrut Upadhyay 03/09/2023



#19
 Fluoranthene
 Concen: 0.560 ng/ul
 RT: 19.487 min Scan# 3580
 Delta R.T. -0.000 min
 Lab File: BN024184.D
 Acq: 09 Mar 2023 01:25

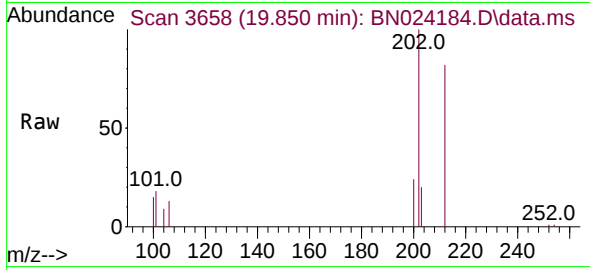
Tgt Ion:202 Resp: 53112
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.4 15.6
 100 9.8 7.7 11.5





#20
Pyrene
Concen: 0.272 ng/ul m
RT: 19.850 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

Instrument :
BNA_N
ClientSampleId :
DCAE2



Tgt Ion:	202	Resp:	26186
Ion Ratio	Lower	Upper	
202	100		
101	17.9	12.1	18.1
100	14.9	9.4	14.0

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