

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024477.D
 Acq On : 22 Mar 2023 11:29
 Operator : CG/JU
 Sample : 01810-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : Jagrut Upadhyay 03/23/2023

Quant Time: Mar 22 13:31:50 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 : Tue Mar 21 17:57:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	15932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	46605	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	27031	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	54923	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	41539	0.400	ng/ul	0.00
23) Perylene-d12	24.082	264	41685	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	77377	4.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	22186	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	52488	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	15547	0.134	ng/ul#	88
8) 1-Methylnaphthalene	12.714	142	3411	0.046	ng/ul	96
10) Acenaphthylene	14.383	152	40535	0.359	ng/ul#	90
11) Acenaphthene	14.726	153	826856	9.516	ng/ul	97
12) Fluorene	15.711	166	1114310	11.484	ng/ul	99
14) Pentachlorophenol	17.058	266	372341	24.408	ng/ul#	73
15) Phenanthrene	17.451	178	1202941	7.647	ng/ul	99
16) Anthracene	17.544	178	126138	0.914	ng/ul	100
19) Fluoranthene	19.464	202	96969	0.587	ng/ul	99
20) Pyrene	19.826	202	47329m	0.282	ng/ul	

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

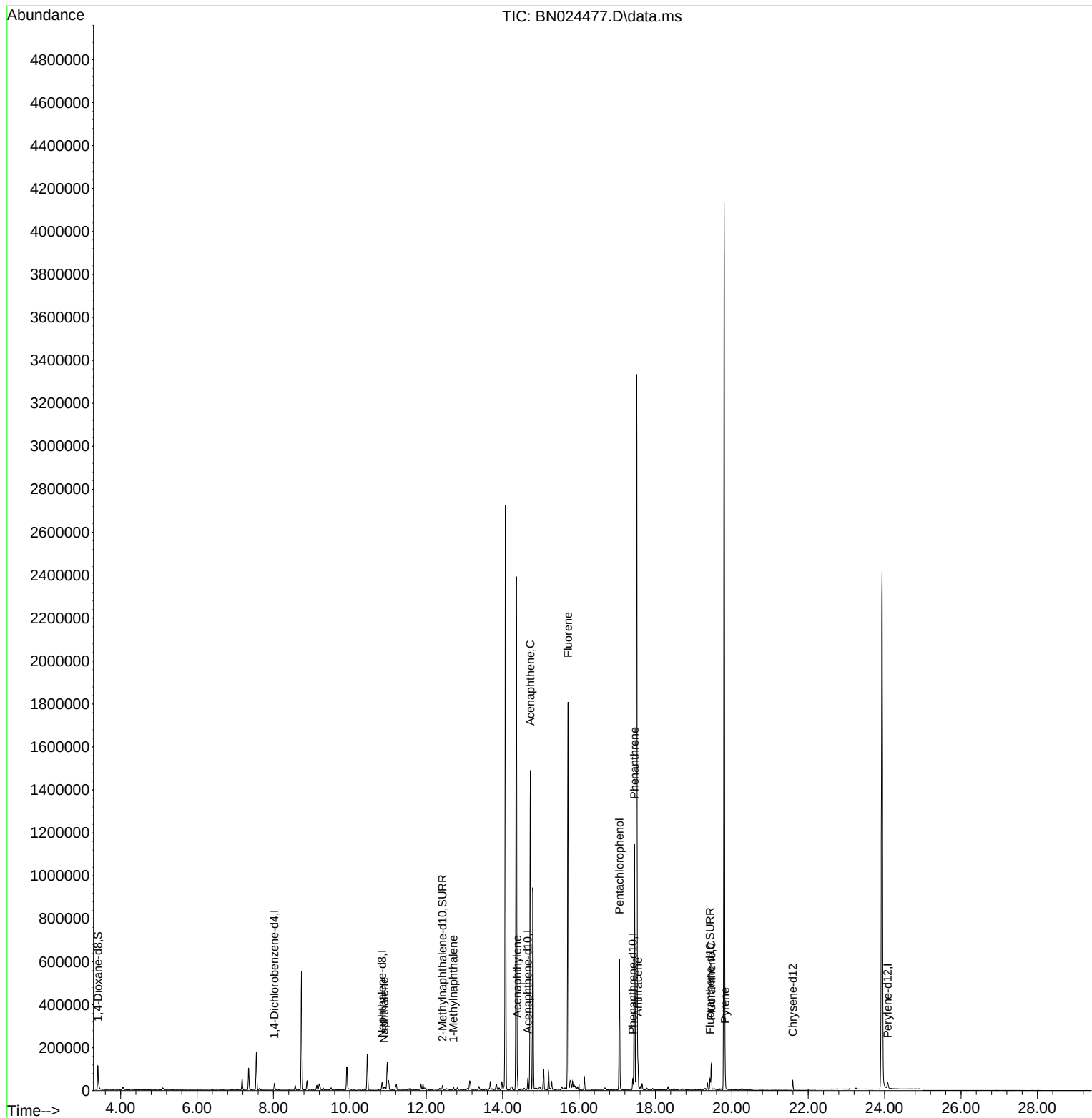
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024477.D
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ALS Vial : 5 Sample Multiplier: 1

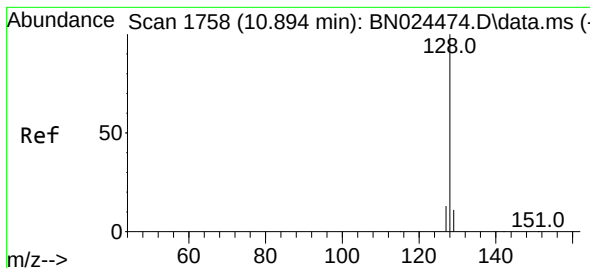
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 17:57:40 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.134 ng/ul

RT: 10.894 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Instrument :

BNA_N

ClientSampleId :

DCAF8

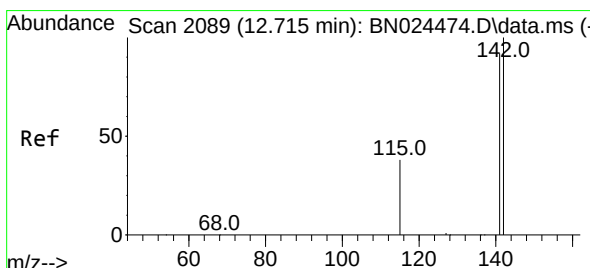
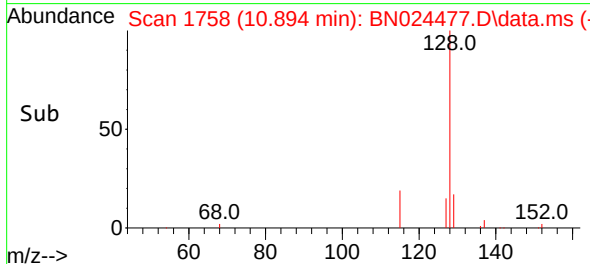
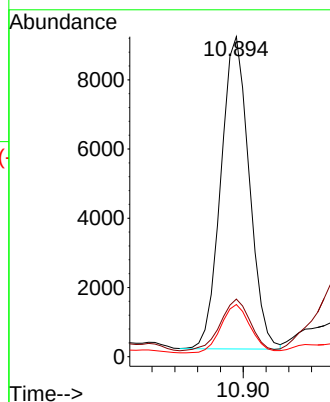
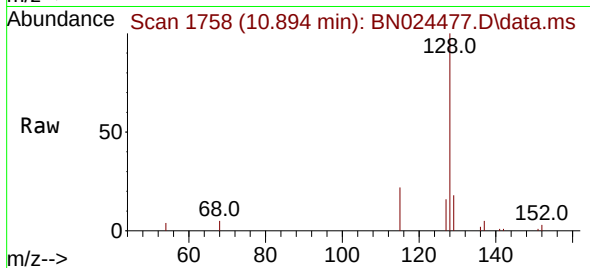
Tgt Ion:128 Resp: 1554

Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.0	13.6
127	16.3	10.5	15.7

Manual Integrations

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#8

1-Methylnaphthalene

Concen: 0.046 ng/ul

RT: 12.714 min Scan# 2089

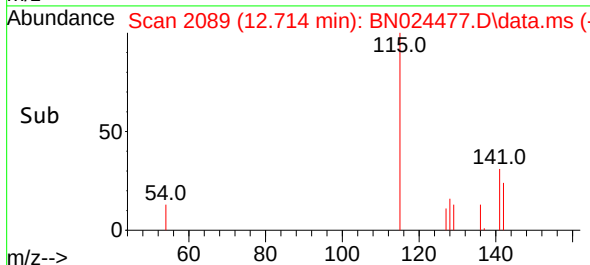
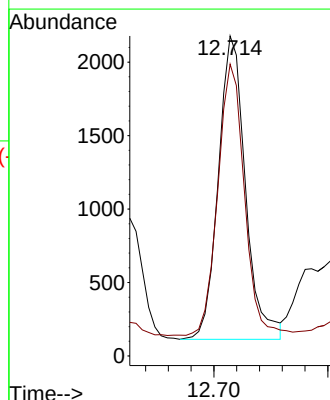
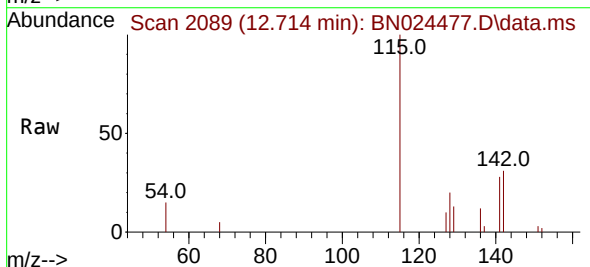
Delta R.T. -0.006 min

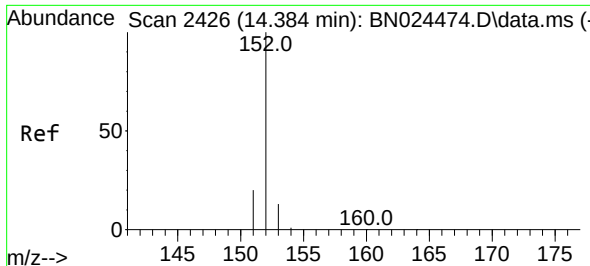
Lab File: BN024477.D

Acq: 22 Mar 2023 11:29

Tgt Ion:142 Resp: 3411

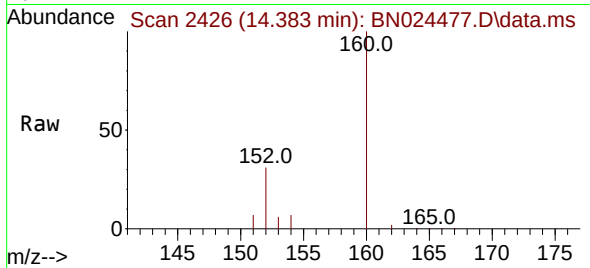
Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.0	109.6





#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.383 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

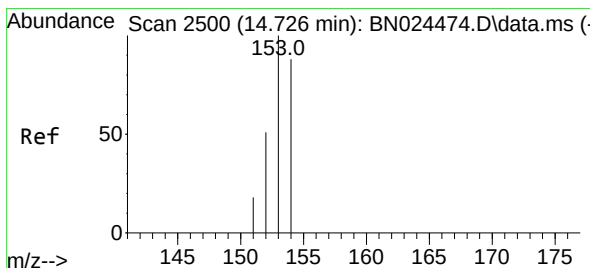
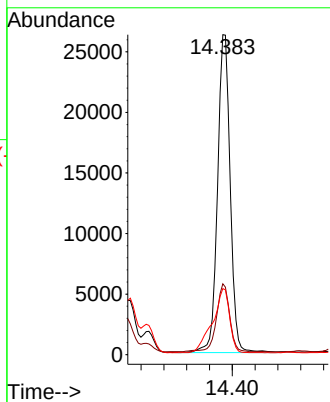
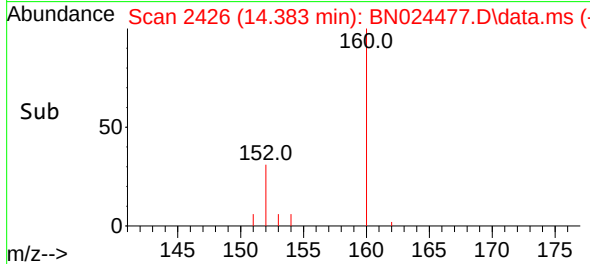
Instrument :
BNA_N
ClientSampleId :
DCAF8



Tgt Ion:152 Resp: 40538
Ion Ratio Lower Upper
152 100
151 22.2 15.9 23.9
153 20.6 10.6 16.0

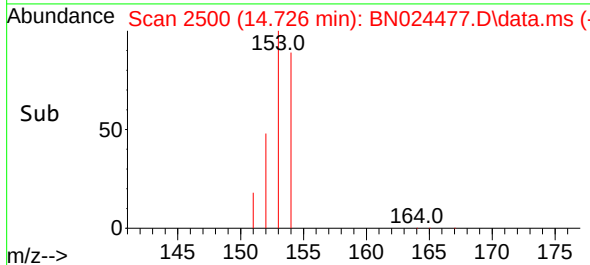
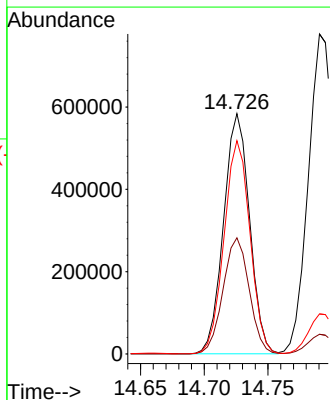
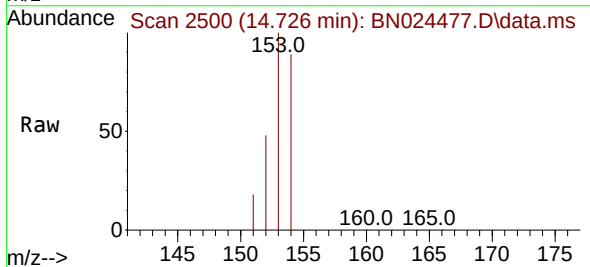
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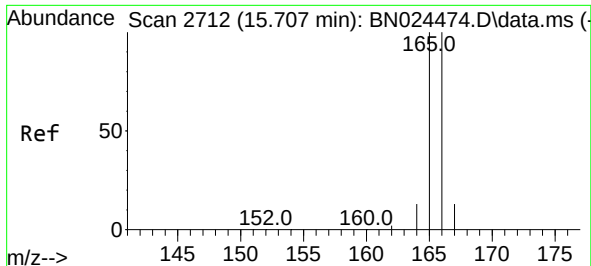
Reviewed By :Christian Giraldo 03/23/2023
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#11
Acenaphthene
Concen: 9.516 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. -0.005 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

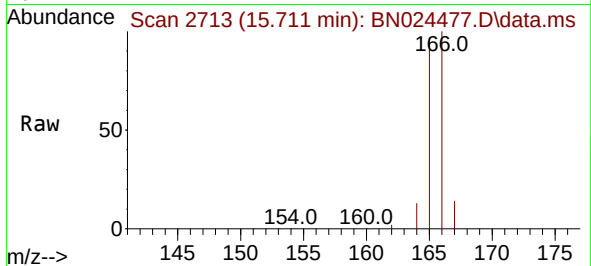
Tgt Ion:153 Resp: 826856
Ion Ratio Lower Upper
153 100
152 48.3 42.6 64.0
154 88.8 70.6 105.8





#12
Fluorene
Concen: 11.484 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

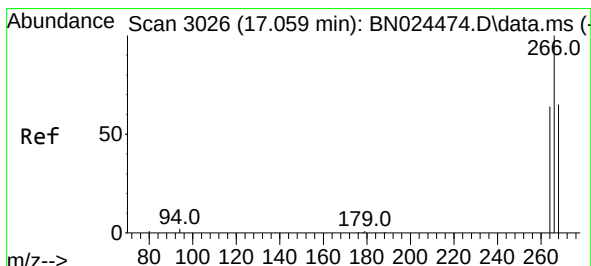
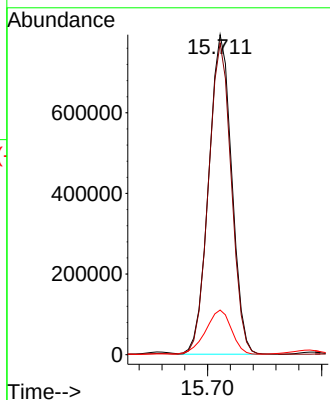
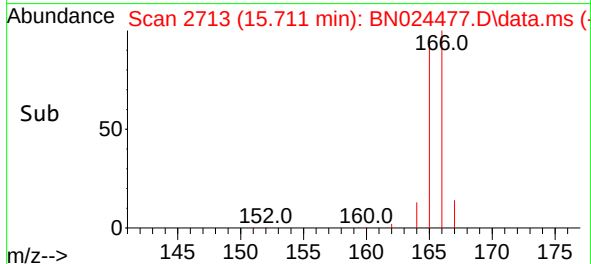
Instrument :
BNA_N
ClientSampleId :
DCAF8



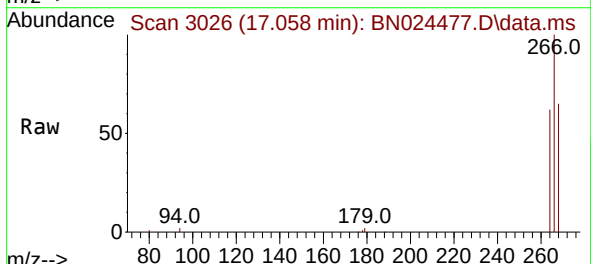
Tgt Ion:166 Resp: 1114310
Ion Ratio Lower Upper
166 100
165 97.4 77.4 116.0
167 14.0 10.9 16.3

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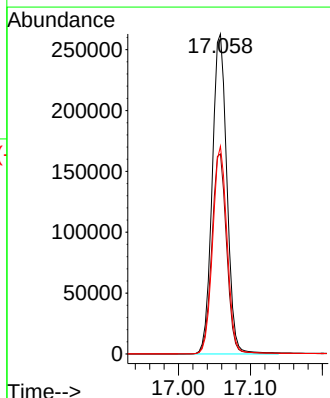
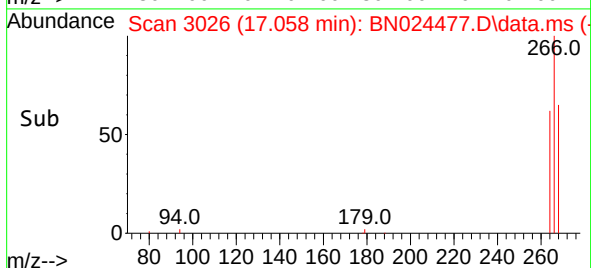
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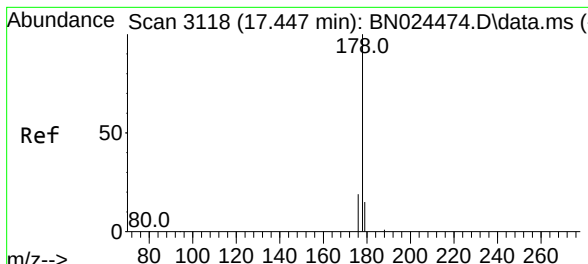


#14
Pentachlorophenol
Concen: 24.408 ng/ul
RT: 17.058 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29



Tgt Ion:266 Resp: 372341
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.9 0.1 0.1#





#15
 Phenanthrene
 Concen: 7.647 ng/ul
 RT: 17.451 min Scan# 3119
 Delta R.T. -0.000 min
 Lab File: BN024477.D
 Acq: 22 Mar 2023 11:29

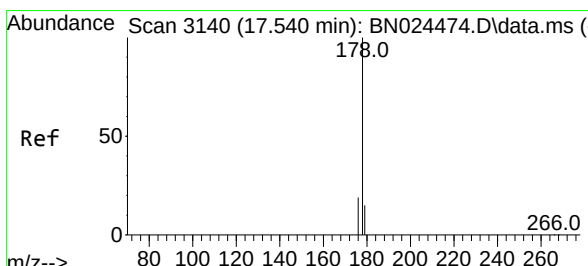
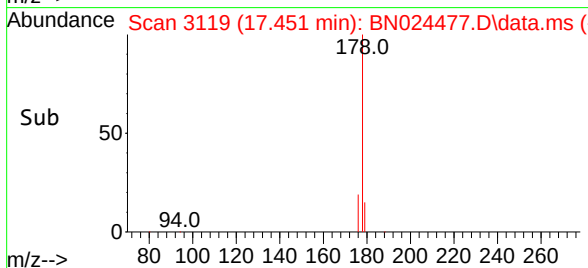
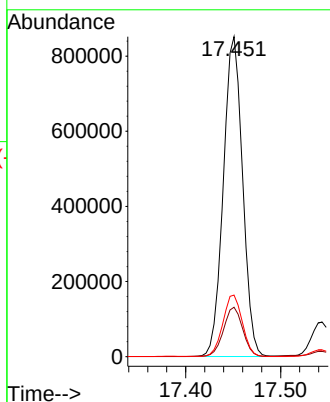
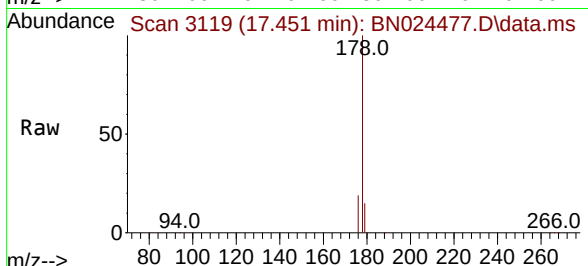
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 120294

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.2	15.7	23.5

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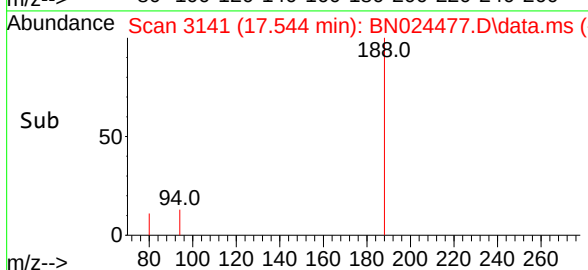
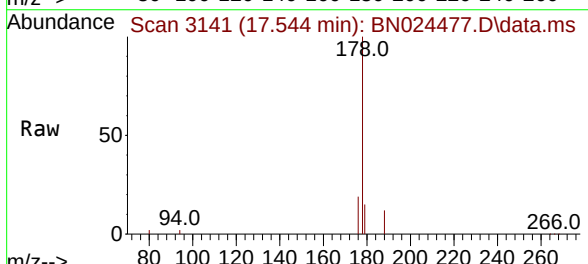
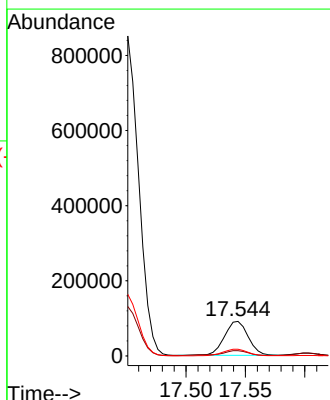
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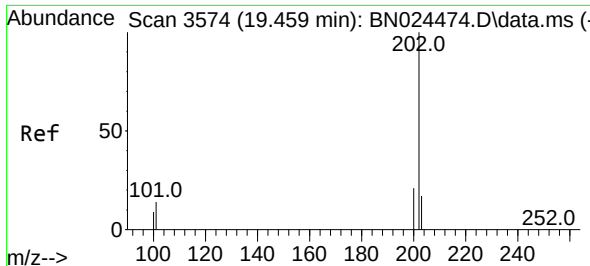


#16
 Anthracene
 Concen: 0.914 ng/ul
 RT: 17.544 min Scan# 3141
 Delta R.T. -0.000 min
 Lab File: BN024477.D
 Acq: 22 Mar 2023 11:29

Tgt Ion:178 Resp: 126138

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.3	22.9





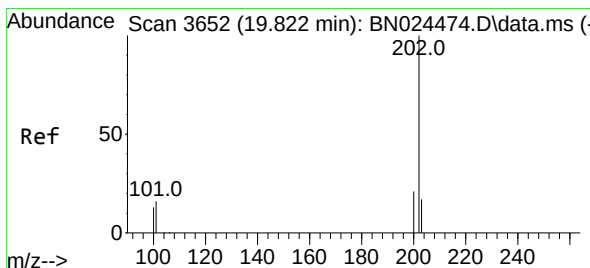
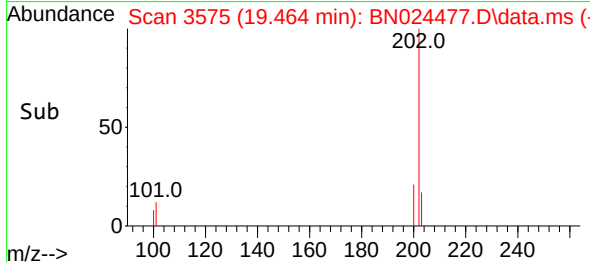
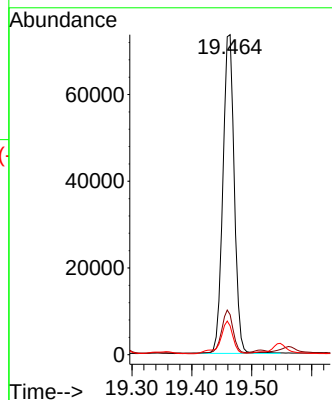
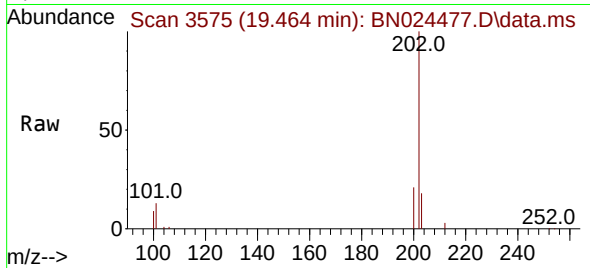
#19
Fluoranthene
Concen: 0.587 ng/ul
RT: 19.464 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Instrument :
BNA_N
ClientSampleId :
DCAF8

Tgt Ion:202 Resp: 9696
Ion Ratio Lower Upper
202 100
101 12.5 10.4 15.6
100 9.0 7.7 11.5

Manual Integrations
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#20
Pyrene
Concen: 0.282 ng/ul m
RT: 19.826 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BN024477.D
Acq: 22 Mar 2023 11:29

Tgt Ion:202 Resp: 47329
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 13.4 9.4 14.0

