

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024225.D
 Acq On : 10 Mar 2023 07:16
 Operator : CG/JU
 Sample : 01784-18
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAD4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 07:46:11 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 : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	9477	0.400	ng/u1	0.00
4) Naphthalene-d8	10.867	136	29301	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.684	164	17751	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	35787	0.400	ng/u1	0.00
17) Chrysene-d12	21.618	240	28045	0.400	ng/u1	0.00
23) Perylene-d12	24.120	264	28106	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	56097	5.379	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	15391	0.442	ng/u1	0.00
18) Fluoranthene-d10	19.450	212	39859	0.534	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	5194	0.071	ng/u1#	76
8) 1-Methylnaphthalene	12.742	142	2179	0.047	ng/u1	99
10) Acenaphthylene	14.407	152	13751	0.186	ng/u1#	94
11) Acenaphthene	14.749	153	47507	0.833	ng/u1	97
12) Fluorene	15.730	166	260565	4.089	ng/u1	99
14) Pentachlorophenol	17.076	266	59647	6.001	ng/u1#	73
15) Phenanthrene	17.472	178	27983	0.273	ng/u1	97
16) Anthracene	17.561	178	13116	0.146	ng/u1	93
19) Fluoranthene	19.483	202	76974	0.690	ng/u1	99
20) Pyrene	19.845	202	42760m	0.378	ng/u1	

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

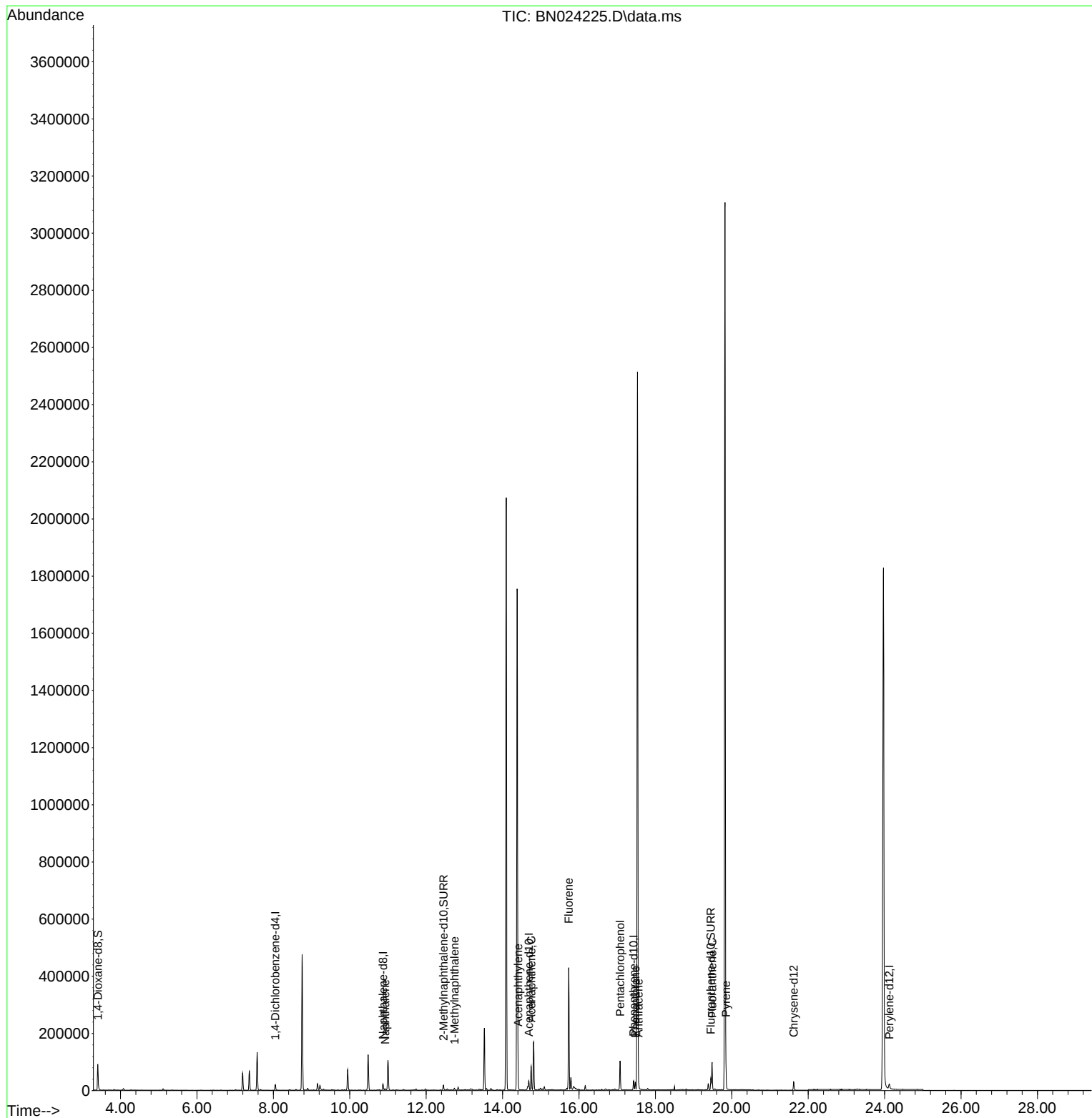
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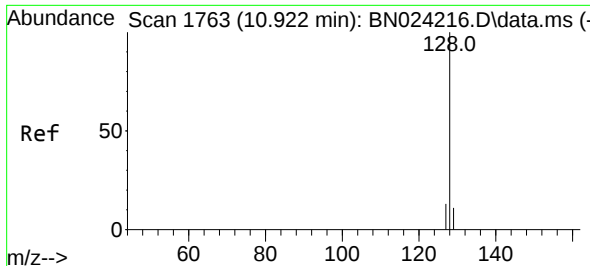
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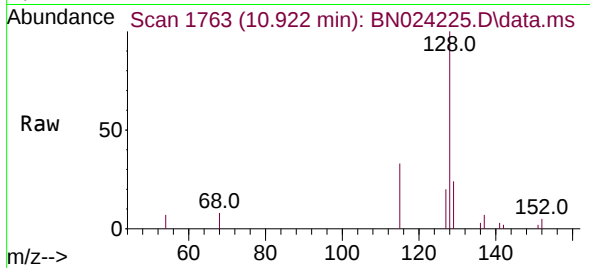
Quant Time: Mar 10 07:46:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

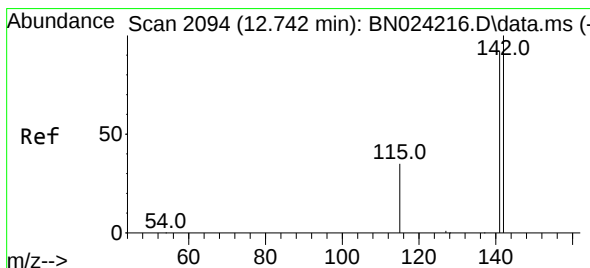
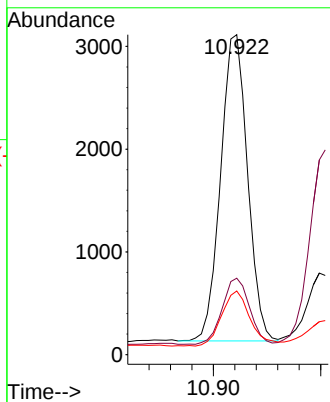
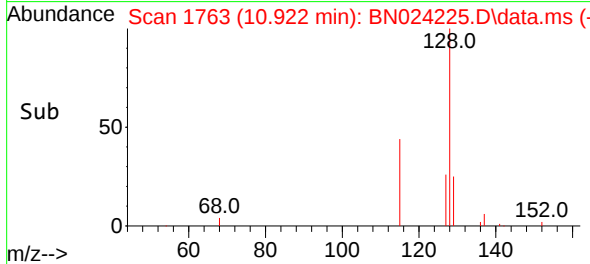
Instrument :
BNA_N
ClientSampleId :
DCAD4



Tgt Ion:128 Resp: 5194
Ion Ratio Lower Upper
128 100
129 23.9 9.0 13.6
127 19.9 10.5 15.7

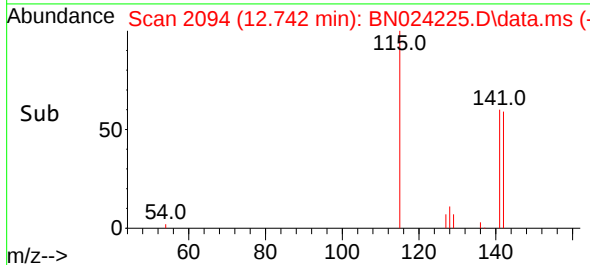
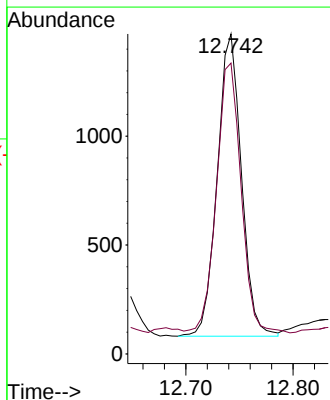
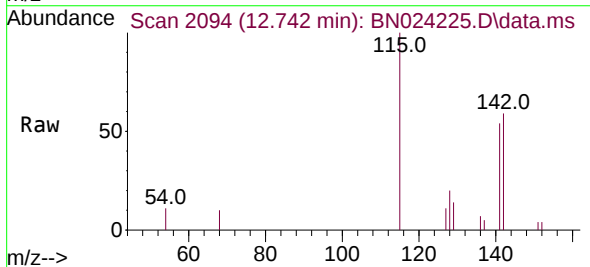
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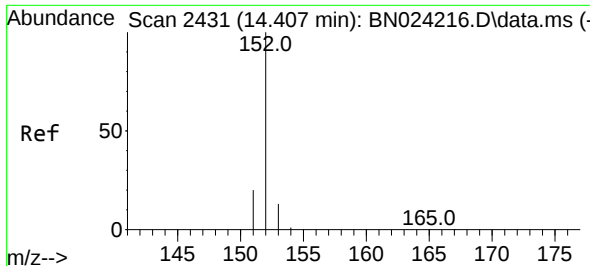
Reviewed By :Christian Giraldo 03/10/2023
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#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

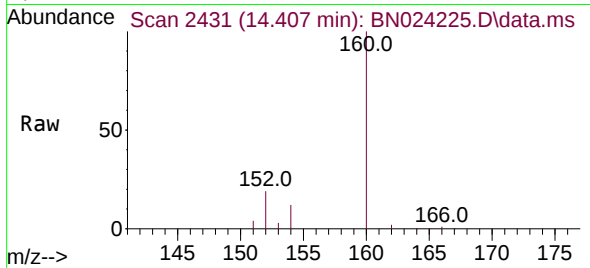
Tgt Ion:142 Resp: 2179
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6





#10
Acenaphthylene
Concen: 0.186 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

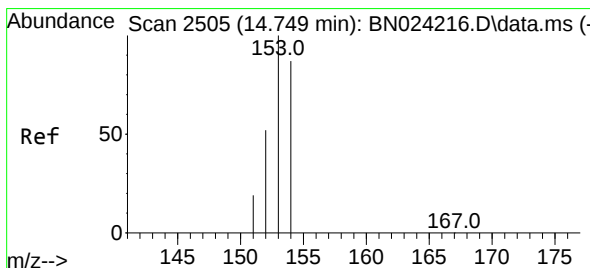
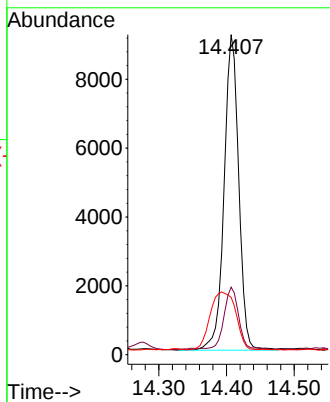
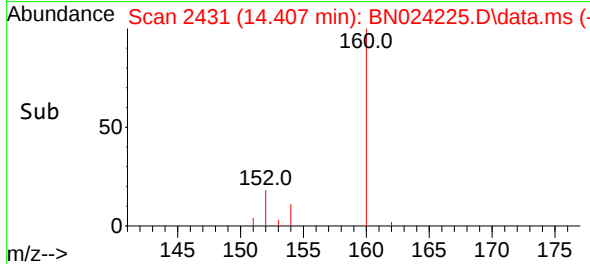
Instrument :
BNA_N
ClientSampleId :
DCAD4



Tgt Ion:152 Resp: 1375
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 17.9 10.6 16.0

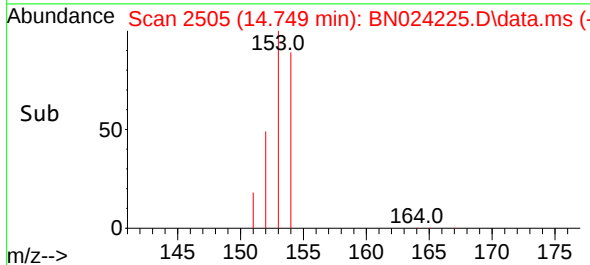
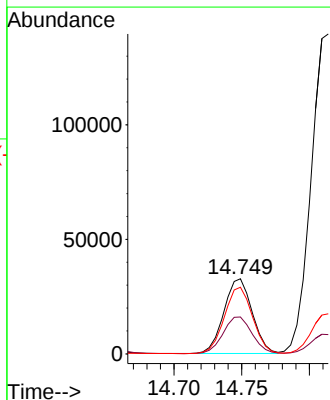
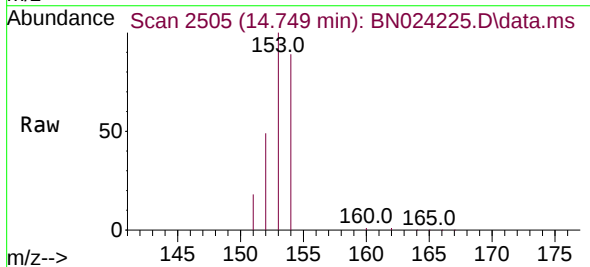
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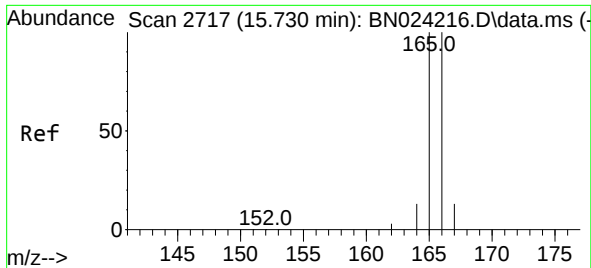
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#11
Acenaphthene
Concen: 0.833 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

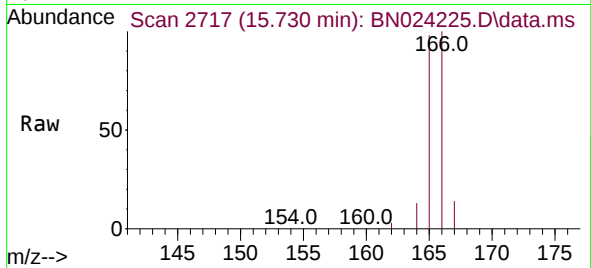
Tgt Ion:153 Resp: 47507
Ion Ratio Lower Upper
153 100
152 49.2 42.6 64.0
154 88.7 70.6 105.8





#12
Fluorene
Concen: 4.089 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

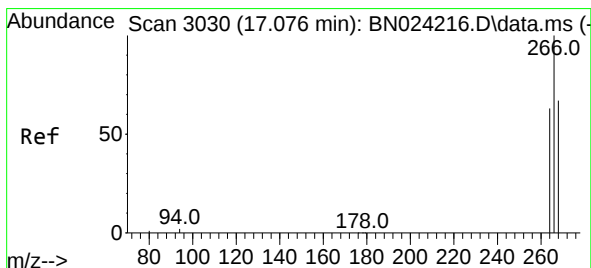
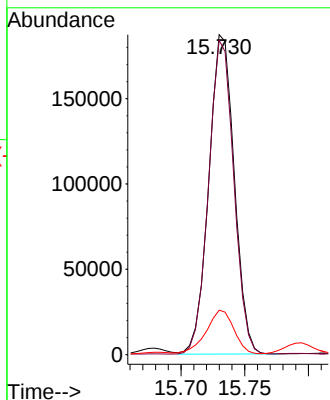
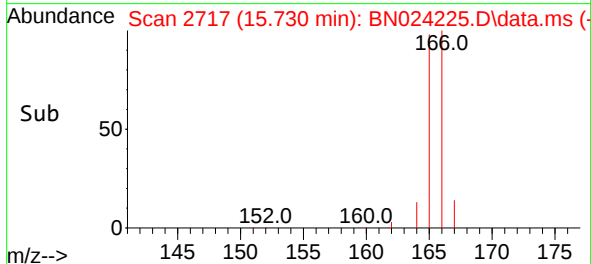
Instrument :
BNA_N
ClientSampleId :
DCAD4



Tgt Ion:166 Resp: 260565
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 13.9 10.9 16.3

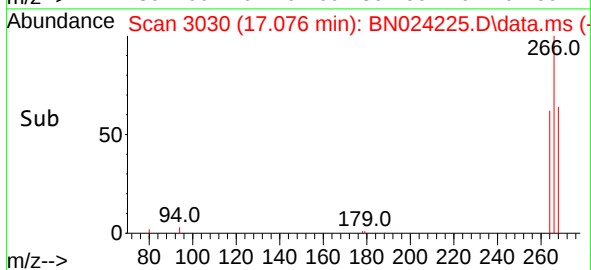
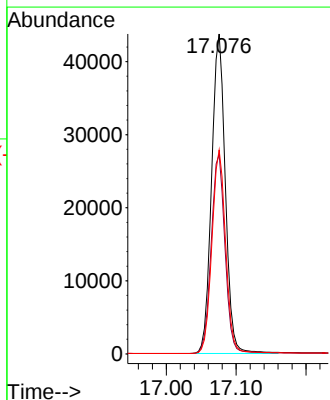
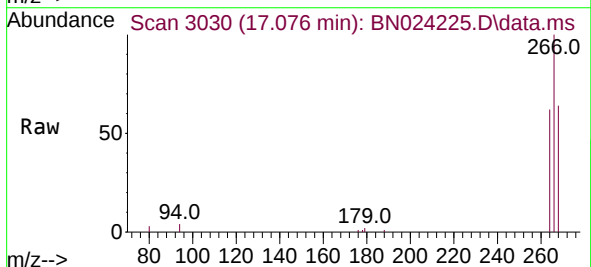
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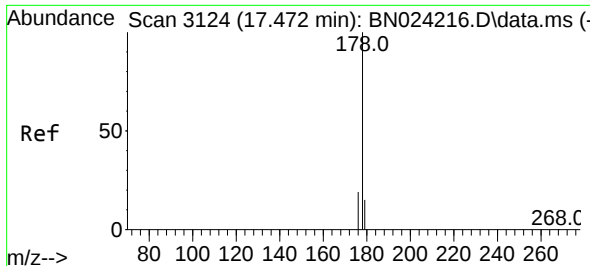
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#14
Pentachlorophenol
Concen: 6.001 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

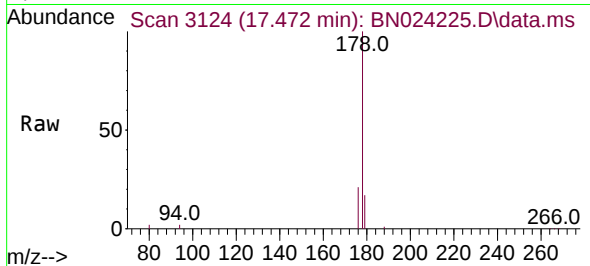
Tgt Ion:266 Resp: 59647
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.7 0.1 0.1#





#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

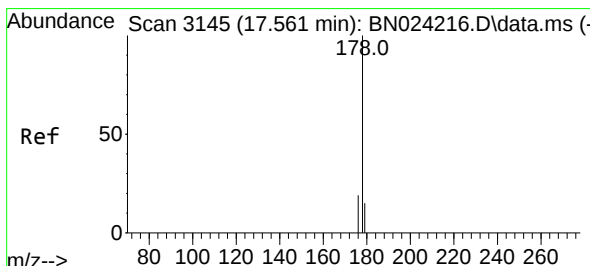
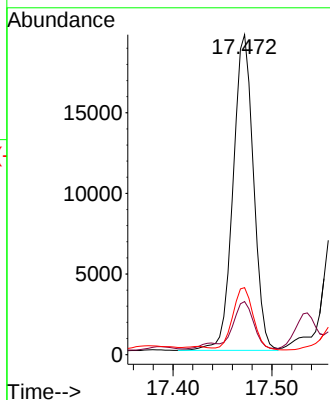
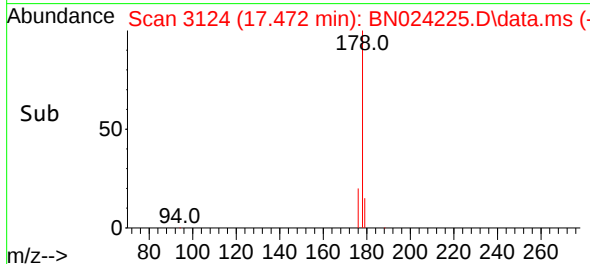
Instrument :
BNA_N
ClientSampleId :
DCAD4



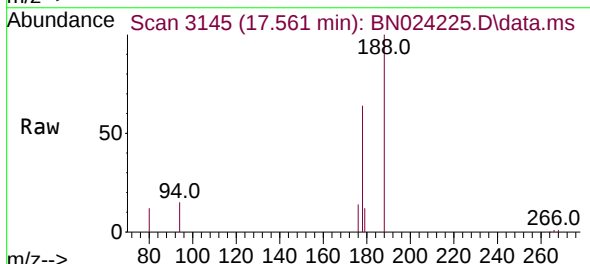
Tgt Ion:178 Resp: 27983
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.2
176 20.9 15.7 23.5

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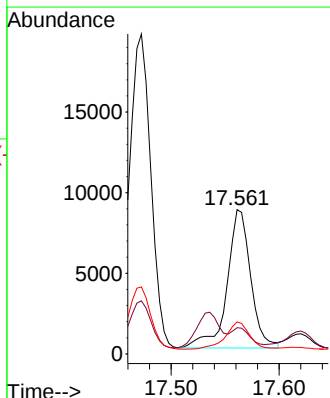
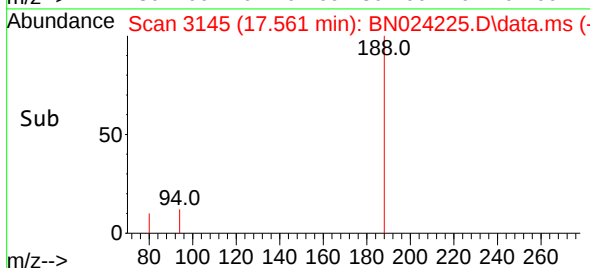
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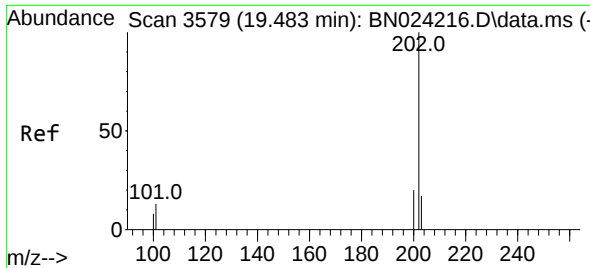


#16
Anthracene
Concen: 0.146 ng/ul
RT: 17.561 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16



Tgt Ion:178 Resp: 13116
Ion Ratio Lower Upper
178 100
179 18.2 12.3 18.5
176 22.1 15.3 22.9





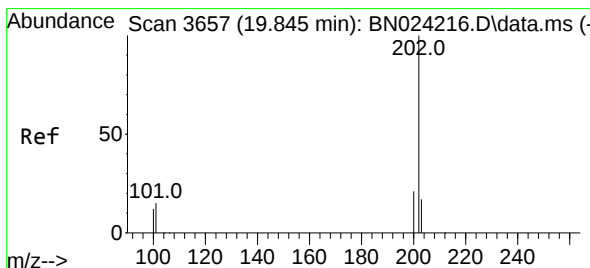
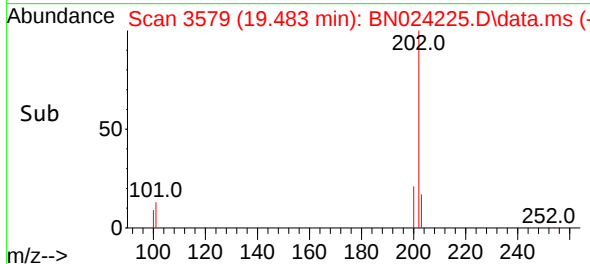
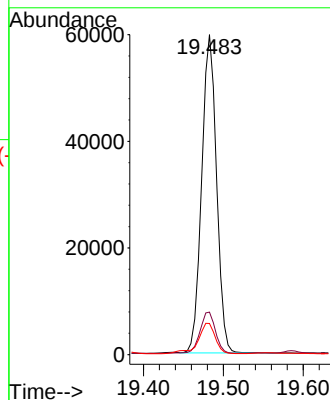
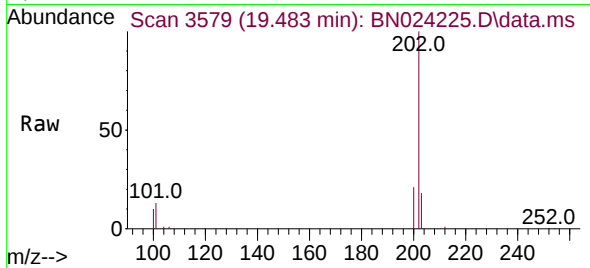
#19
Fluoranthene
Concen: 0.690 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 76974
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 9.7 7.7 11.5

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#20
Pyrene
Concen: 0.378 ng/ul m
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024225.D
Acq: 10 Mar 2023 07:16

Tgt Ion:202 Resp: 42760
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 13.6 9.4 14.0

