

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024451.D
 Acq On : 21 Mar 2023 16:21
 Operator : CG/JU
 Sample : 01884-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB927

Quant Time: Mar 22 03:32:57 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)

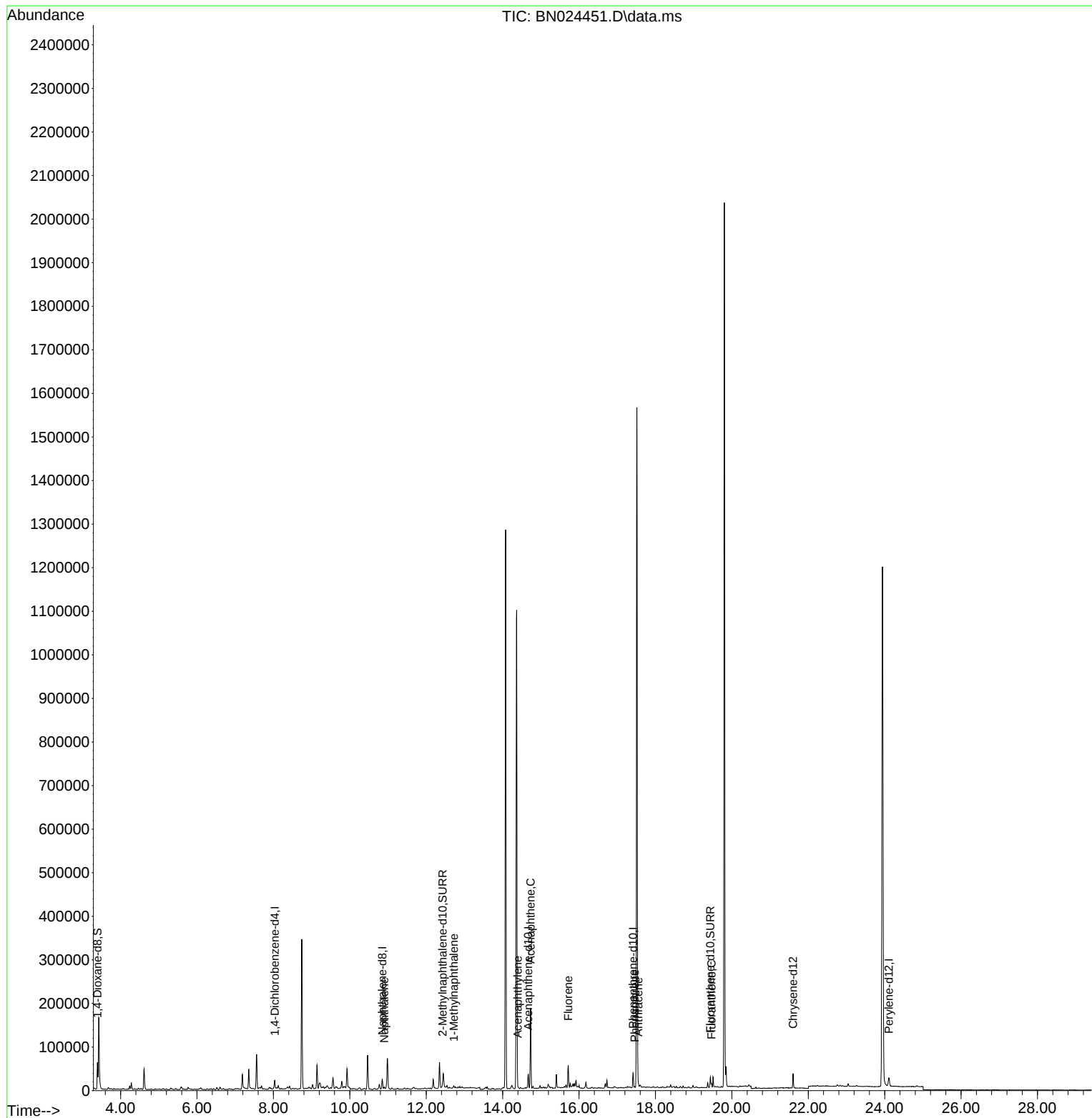
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9537	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	29134	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	18069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	36318	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	31830	0.400	ng/ul	# 0.00
23) Perylene-d12	24.108	264	26839	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39074	3.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	10206	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	22694	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	4541	0.062	ng/ul#	75
8) 1-Methylnaphthalene	12.720	142	2309	0.050	ng/ul	89
10) Acenaphthylene	14.393	152	3475	0.046	ng/ul#	22
11) Acenaphthene	14.730	153	104220	1.794	ng/ul	97
12) Fluorene	15.716	166	30792	0.475	ng/ul	97
15) Phenanthrene	17.455	178	2309	0.022	ng/ul#	25
16) Anthracene	17.548	178	10527	0.115	ng/ul#	62
19) Fluoranthene	19.469	202	6793	0.054	ng/ul#	60

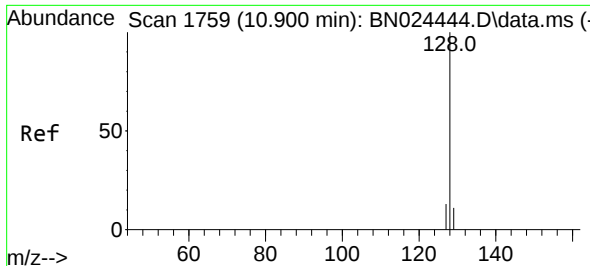
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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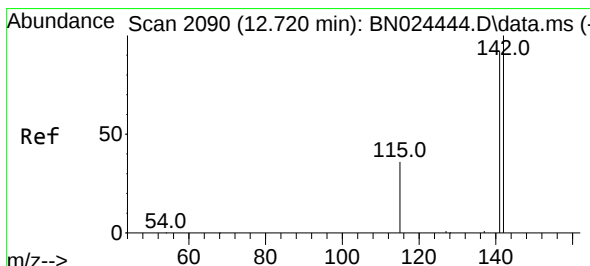
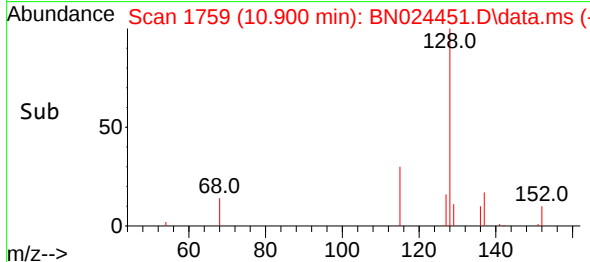
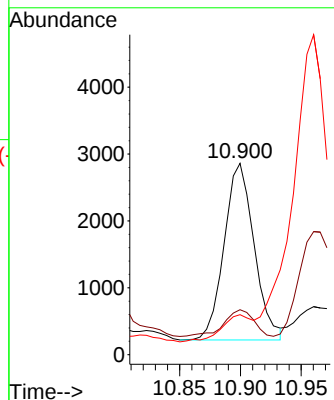
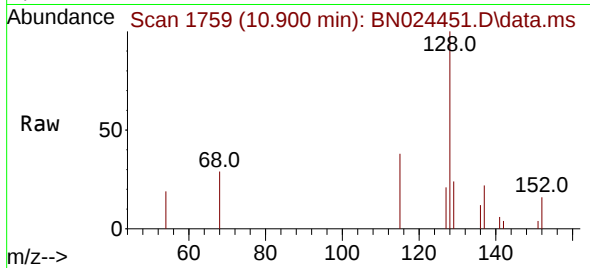




#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

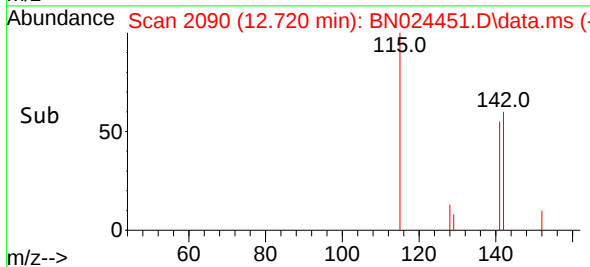
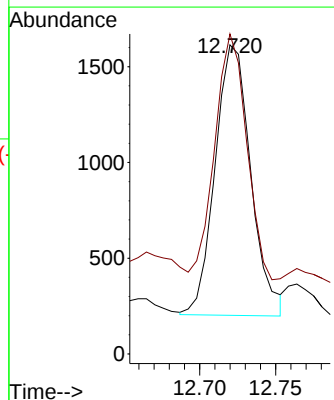
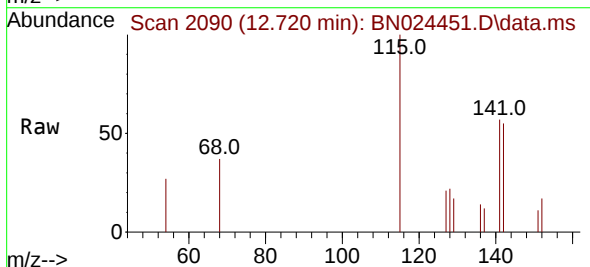
Instrument :
BNA_N
ClientSampleId :
CB927

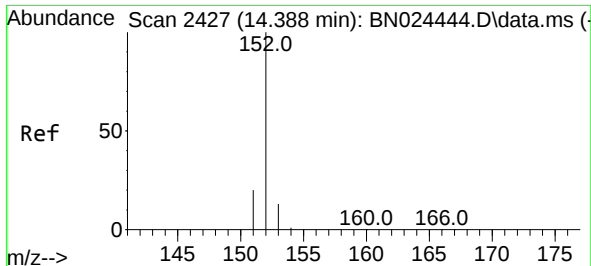
Tgt Ion:128 Resp: 4541
Ion Ratio Lower Upper
128 100
129 23.5 9.0 13.6#
127 20.9 10.5 15.7#



#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Tgt Ion:142 Resp: 2309
Ion Ratio Lower Upper
142 100
141 80.9 73.0 109.6

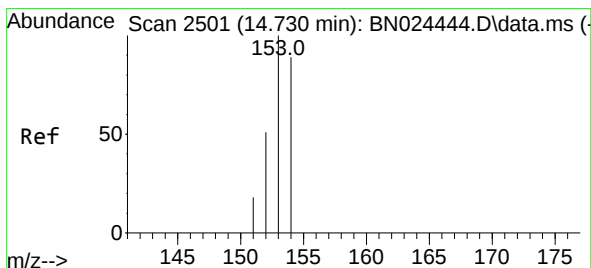
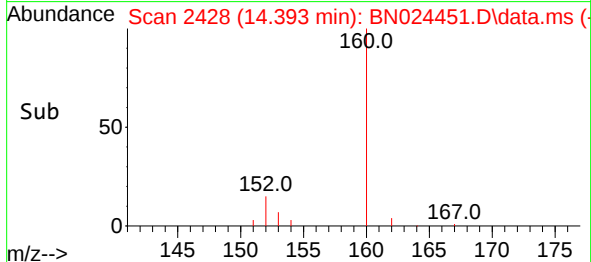
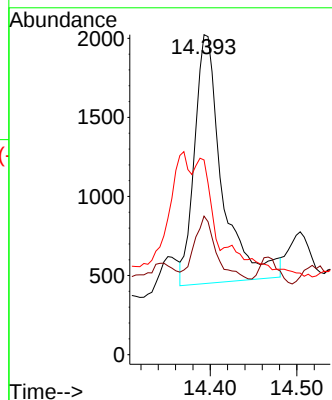
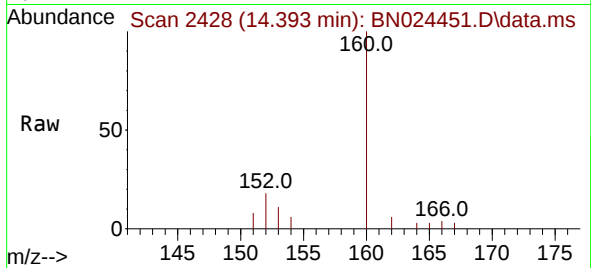




#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.393 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

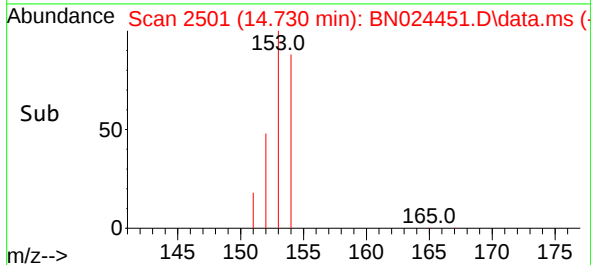
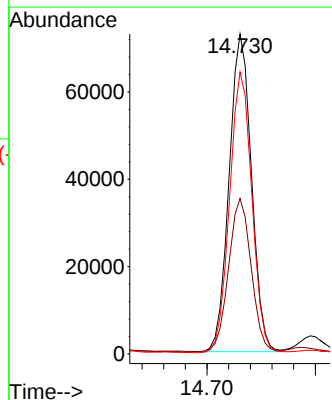
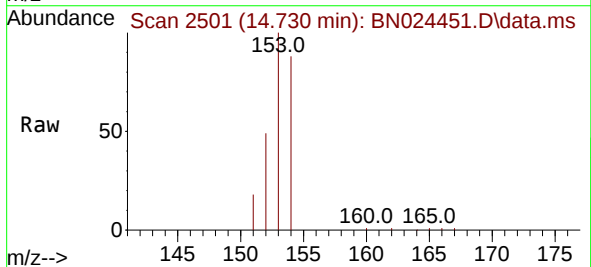
Instrument :
BNA_N
ClientSampleId :
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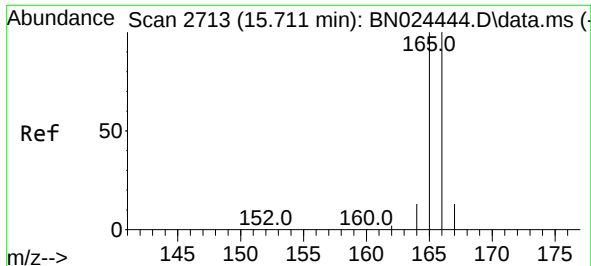
Tgt Ion:152 Resp: 3475
Ion Ratio Lower Upper
152 100
151 43.3 15.9 23.9#
153 60.9 10.6 16.0#



#11
Acenaphthene
Concen: 1.794 ng/ul
RT: 14.730 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Tgt Ion:153 Resp: 104220
Ion Ratio Lower Upper
153 100
152 48.6 42.6 64.0
154 88.1 70.6 105.8

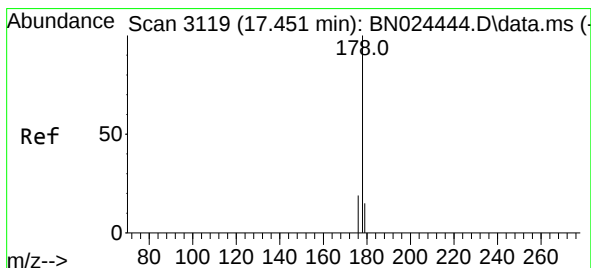
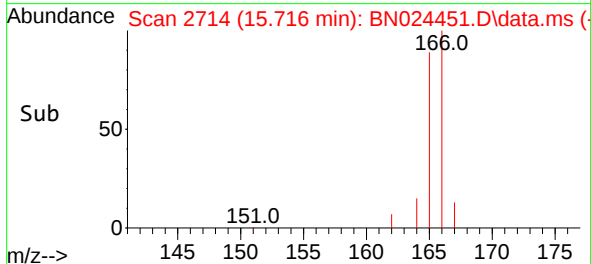
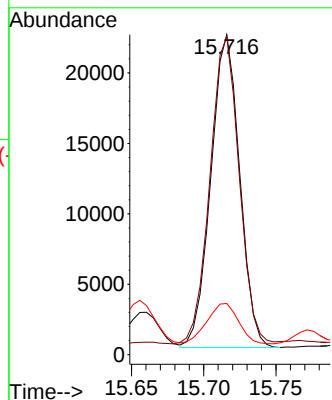
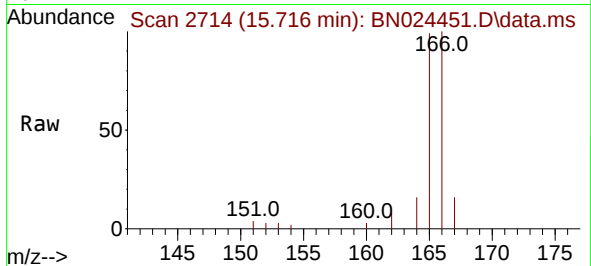




#12
Fluorene
Concen: 0.475 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

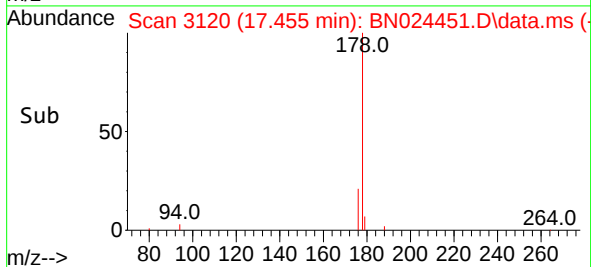
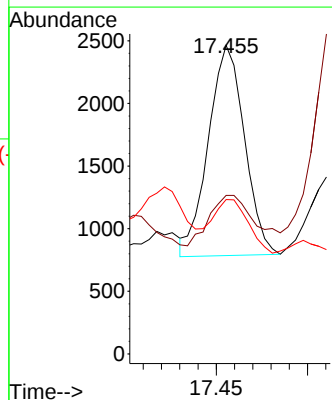
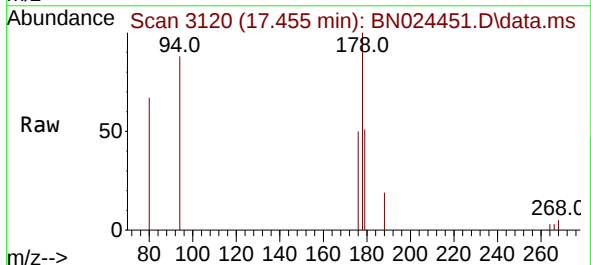
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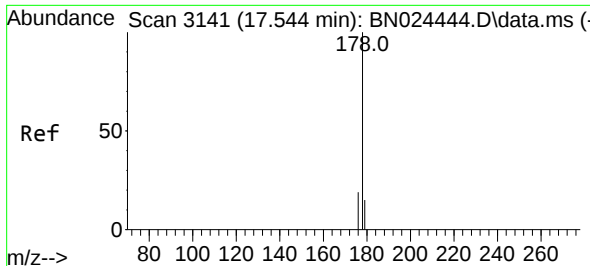
Tgt Ion:166 Resp: 30792
Ion Ratio Lower Upper
166 100
165 99.3 77.4 116.0
167 16.0 10.9 16.3



#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. 0.004 min
Lab File: BN024451.D
Acq: 21 Mar 2023 16:21

Tgt Ion:178 Resp: 2309
Ion Ratio Lower Upper
178 100
179 51.4 12.2 18.2#
176 50.0 15.7 23.5#

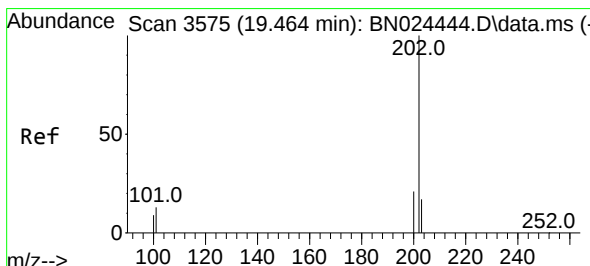
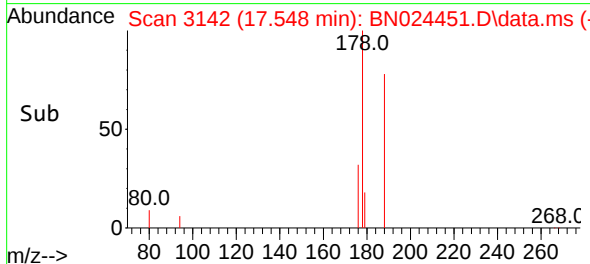
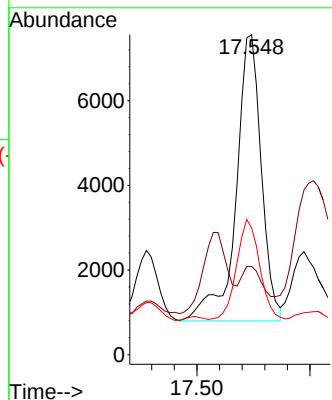
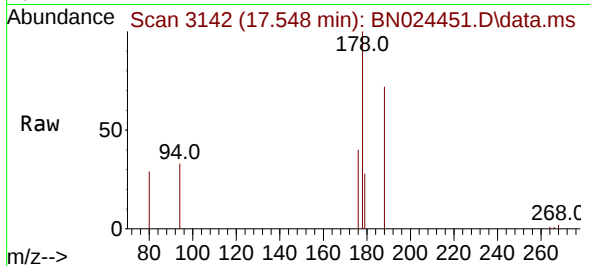




#16
 Anthracene
 Concen: 0.115 ng/ul
 RT: 17.548 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024451.D
 Acq: 21 Mar 2023 16:21

Instrument :
 BNA_N
 ClientSampleId :
 CB927

Tgt Ion:178 Resp: 10527
 Ion Ratio Lower Upper
 178 100
 179 27.6 12.3 18.5#
 176 39.7 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.054 ng/ul
 RT: 19.469 min Scan# 3576
 Delta R.T. 0.005 min
 Lab File: BN024451.D
 Acq: 21 Mar 2023 16:21

Tgt Ion:202 Resp: 6793
 Ion Ratio Lower Upper
 202 100
 101 31.4 10.4 15.6#
 100 20.9 7.7 11.5#

