

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025016.D
 Acq On : 20 Apr 2023 00:01
 Operator : CG/JU
 Sample : 02296-07DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBK8DL

Quant Time: Apr 20 05:11:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 05:08:16 2023
 Response via : Initial Calibration

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

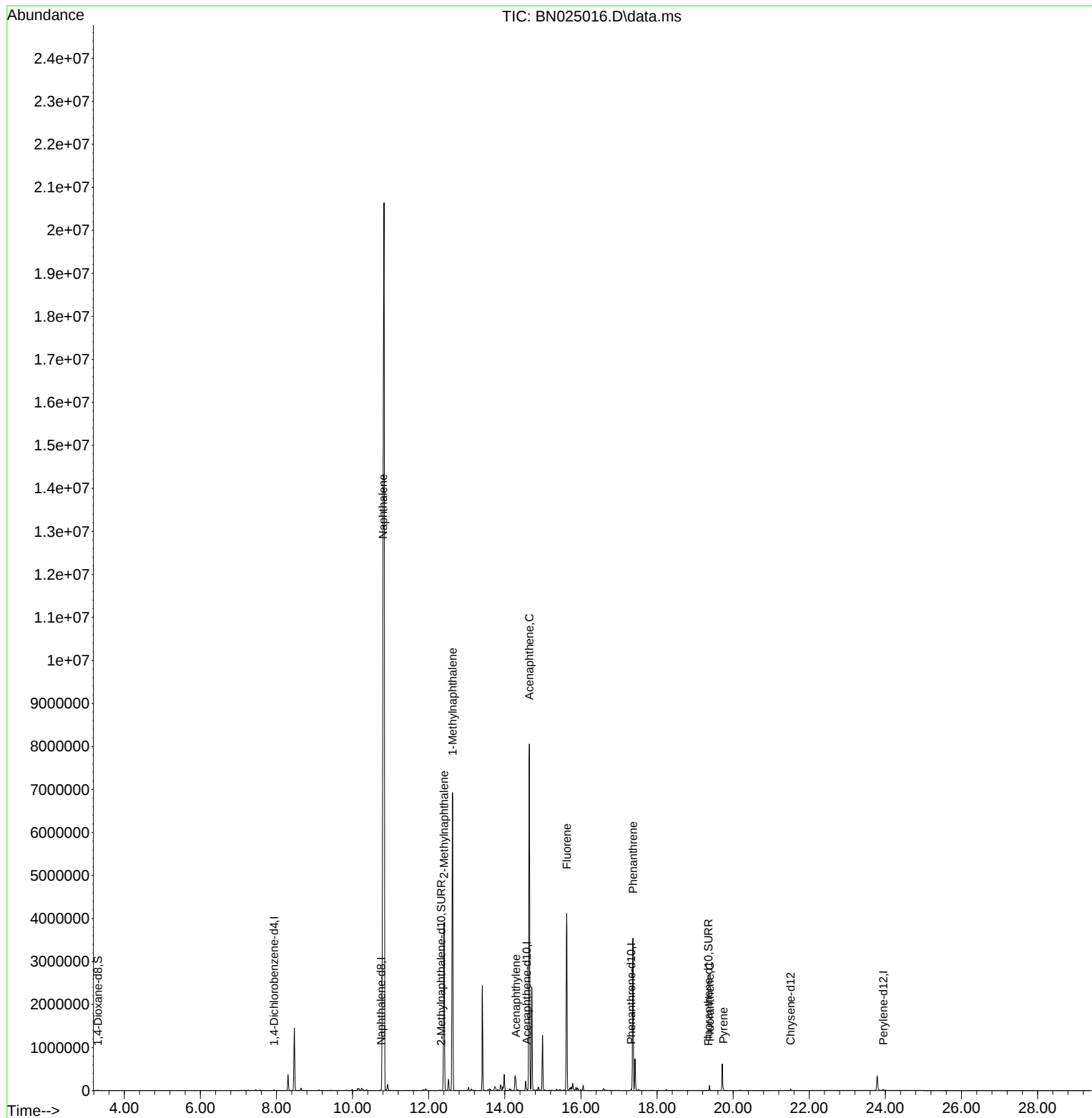
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.934	152	8056	0.400 ng/ul	0.00
4) Naphthalene-d8	10.748	136	26226	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.575	164	21919	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	17.321	188	36340	0.400 ng/ul	0.00
17) Chrysene-d12	21.511	240	30609	0.400 ng/ul	0.00
23) Perylene-d12	23.943	264	26478	0.400 ng/ul	#-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.305	96	7286	0.828 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	2637	0.078 ng/ul	0.00
18) Fluoranthene-d10	19.349	212	6313	0.083 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.798	128	29927544	447.733 ng/ul#	93
7) 2-Methylnaphthalene	12.403	142	2681651	64.520 ng/ul	100
8) 1-Methylnaphthalene	12.629	142	4844825	109.950 ng/ul	98
10) Acenaphthylene	14.293	152	50930	0.620 ng/ul#	52
11) Acenaphthene	14.644	153	4831214	68.561 ng/ul	96
12) Fluorene	15.625	166	2598583	32.926 ng/ul	98
15) Phenanthrene	17.368	178	3899578	38.079 ng/ul	99
19) Fluoranthene	19.382	202	94499	0.897 ng/ul	98
20) Pyrene	19.744	202	38031	0.352 ng/ul	98

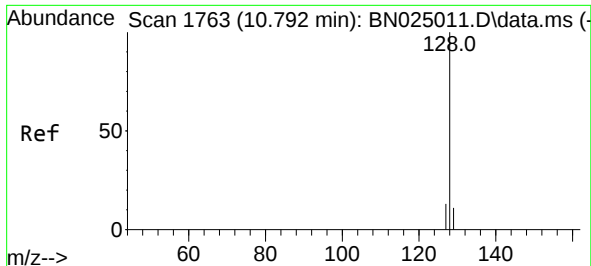
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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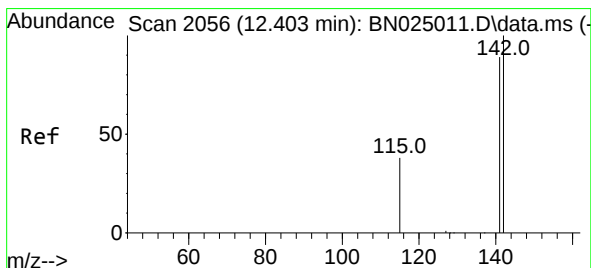
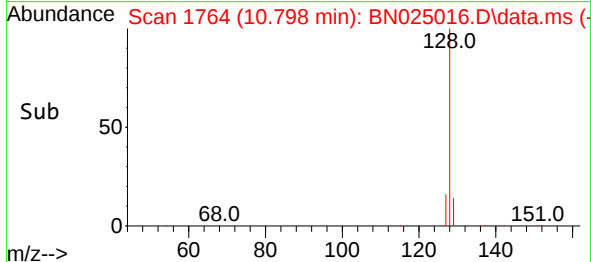
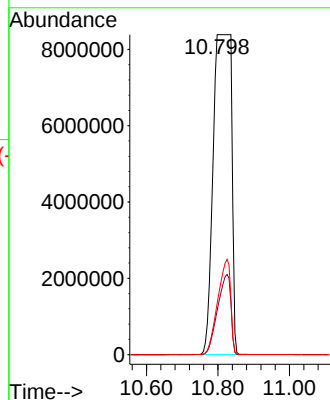
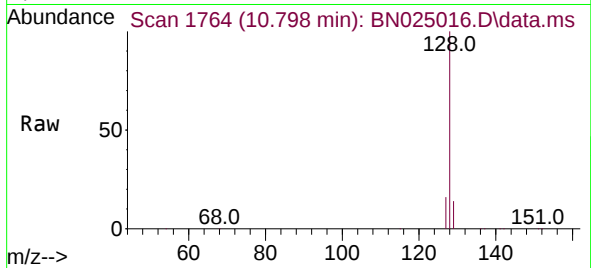




#5
Naphthalene
Concen: 447.733 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

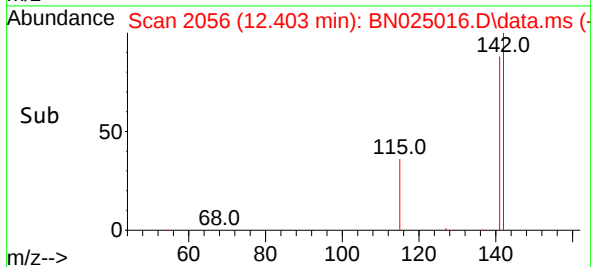
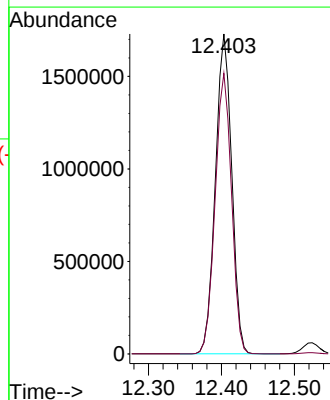
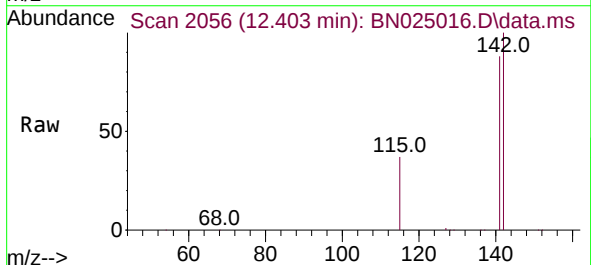
Instrument :
BNA_N
ClientSampleId :
DCBK8DL

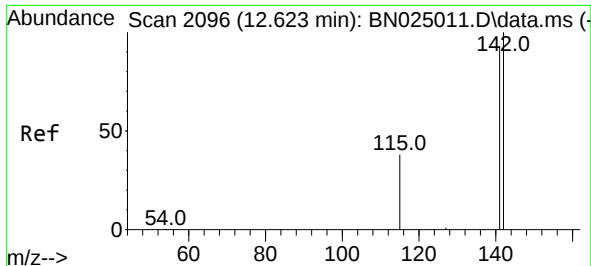
Tgt Ion:128 Resp:29927544
Ion Ratio Lower Upper
128 100
129 13.8 9.1 13.7#
127 16.0 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 64.520 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

Tgt Ion:142 Resp: 2681651
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1

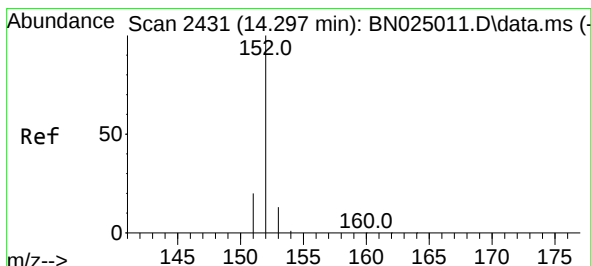
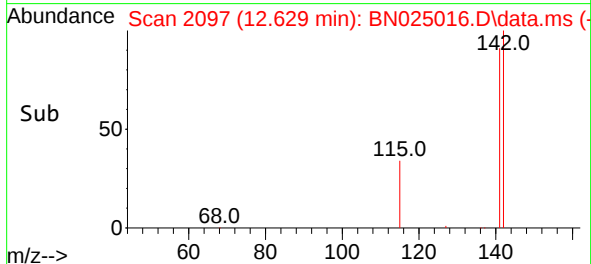
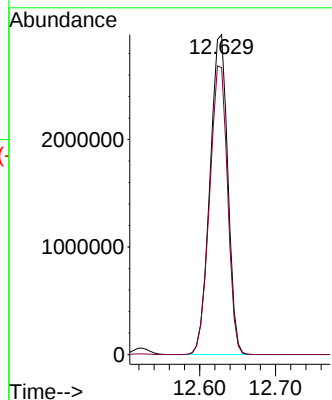
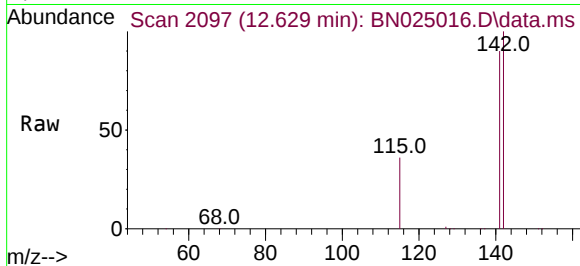




#8
1-Methylnaphthalene
Concen: 109.950 ng/ul
RT: 12.629 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

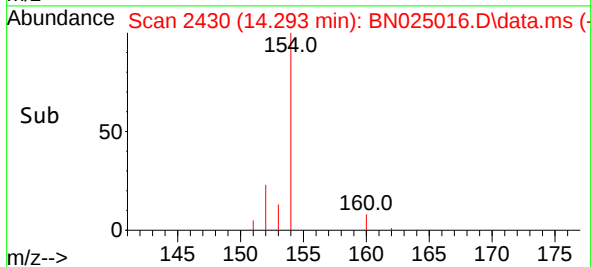
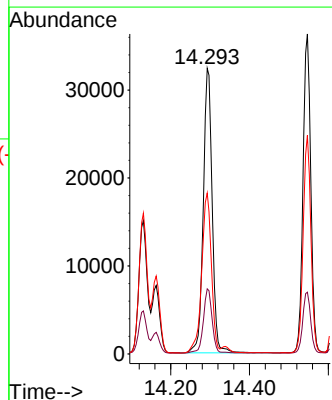
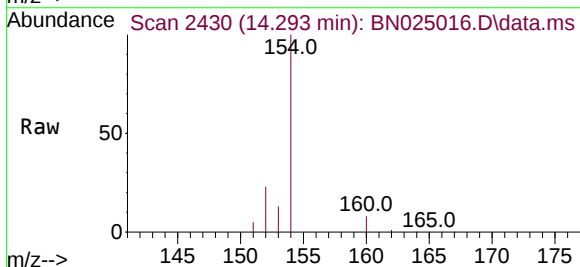
Instrument :
BNA_N
ClientSampleId :
DCBK8DL

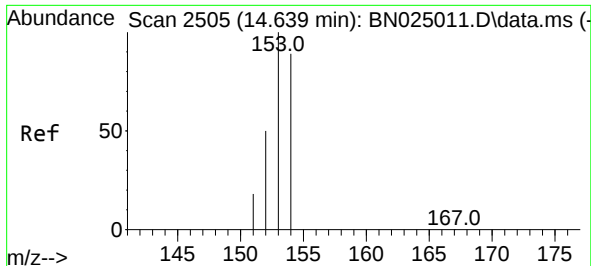
Tgt Ion:142 Resp: 4844825
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0



#10
Acenaphthylene
Concen: 0.620 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

Tgt Ion:152 Resp: 50930
Ion Ratio Lower Upper
152 100
151 22.8 15.7 23.5
153 56.3 10.6 16.0#

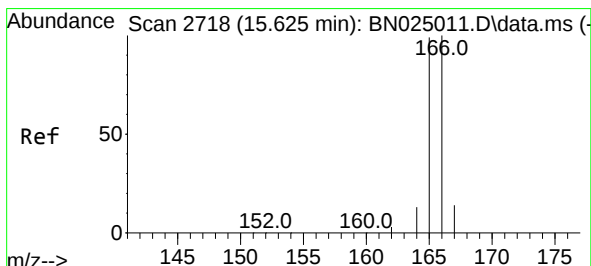
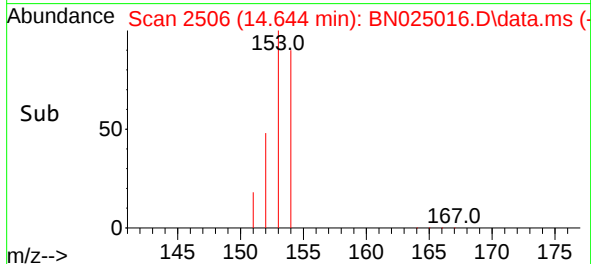
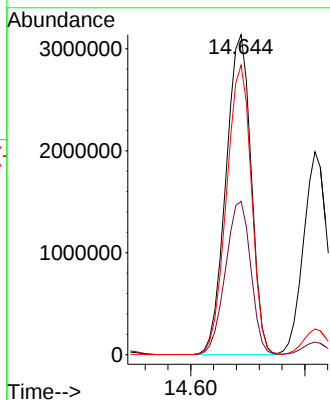
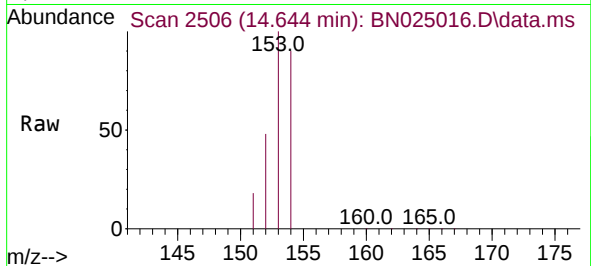




#11
Acenaphthene
Concen: 68.561 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

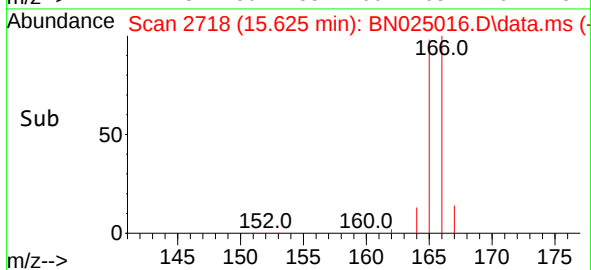
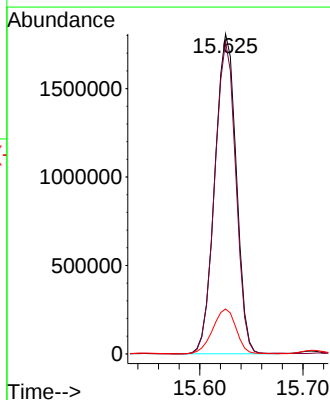
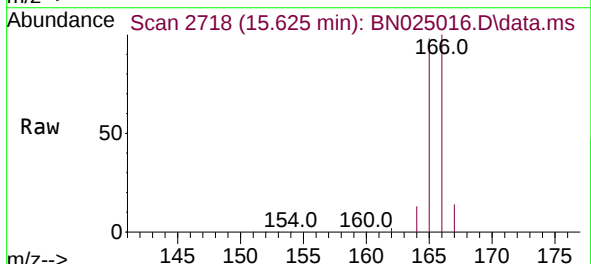
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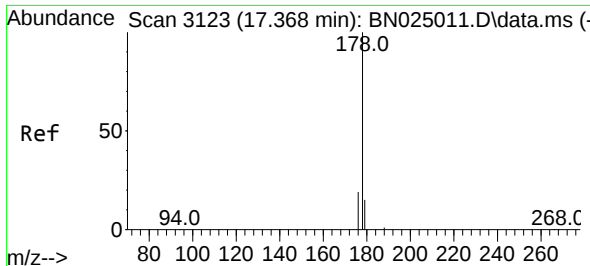
Tgt Ion:153 Resp: 4831214
Ion Ratio Lower Upper
153 100
152 47.9 40.7 61.1
154 90.5 69.4 104.2



#12
Fluorene
Concen: 32.926 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

Tgt Ion:166 Resp: 2598583
Ion Ratio Lower Upper
166 100
165 97.6 80.1 120.1
167 14.0 10.7 16.1

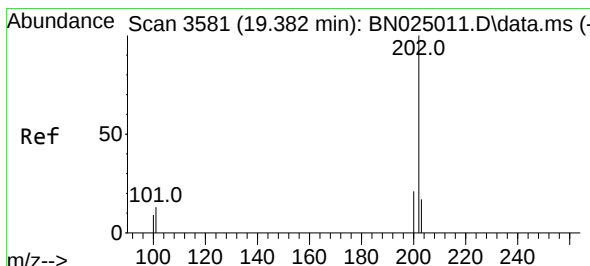
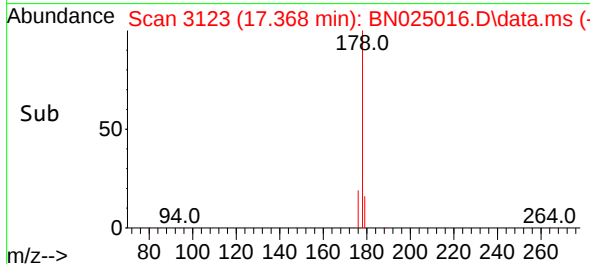
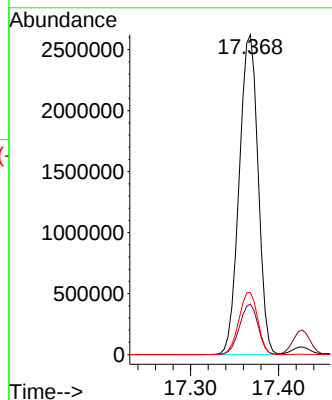
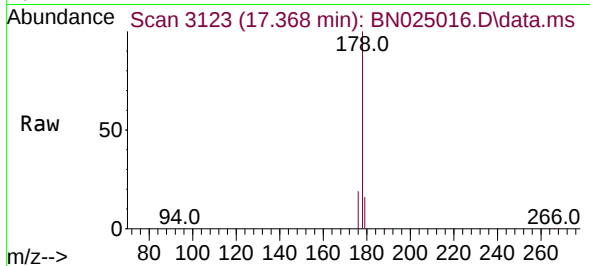




#15
Phenanthrene
Concen: 38.079 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

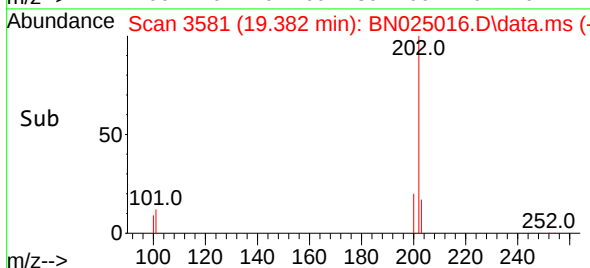
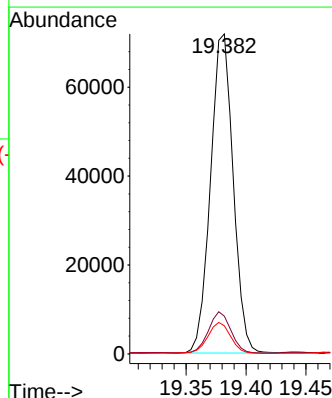
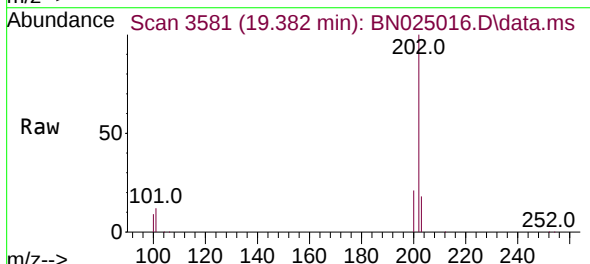
Instrument :
BNA_N
ClientSampleId :
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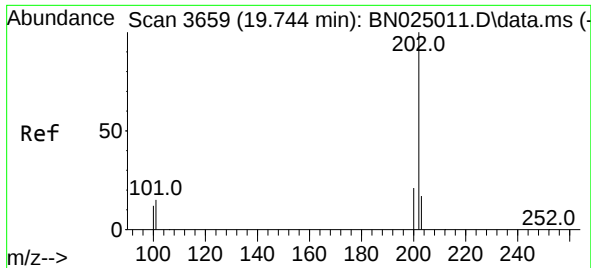
Tgt Ion:178 Resp: 3899578
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.4 15.4 23.0



#19
Fluoranthene
Concen: 0.897 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

Tgt Ion:202 Resp: 94499
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 8.8 7.5 11.3





#20
 Pyrene
 Concen: 0.352 ng/ul
 RT: 19.744 min Scan# 3659
 Delta R.T. 0.000 min
 Lab File: BN025016.D
 Acq: 20 Apr 2023 00:01

Instrument :
 BNA_N
 ClientSampleId :
 DCBK8DL

Tgt Ion:202 Resp: 38031
 Ion Ratio Lower Upper
 202 100
 101 14.3 11.8 17.8
 100 11.1 9.5 14.3

