

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018031.D
 Acq On : 15 Dec 2021 19:08
 Operator : CG/JU
 Sample : M4995-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW5Q4

Quant Time: Dec 16 02:51:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

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

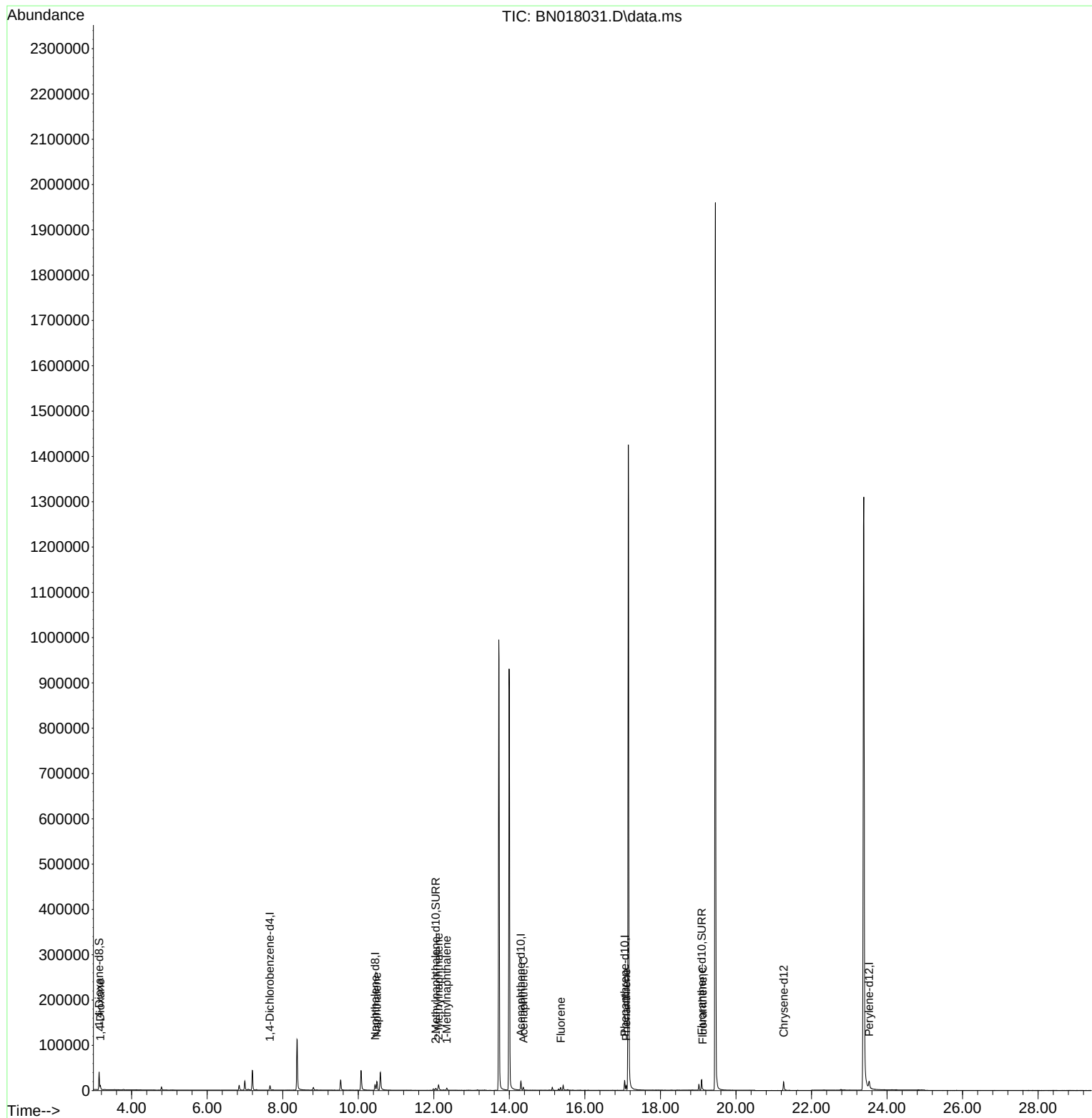
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	5175	0.400	ng/ul	0.00
4) Naphthalene-d8	10.443	136	16702	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.305	164	10968	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.055	188	26020	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.262	240	22208	0.400	ng/ul	# 0.00
23) Perylene-d12	23.524	264	25034	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	23720	4.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.055	152	6593	0.339	ng/ul	-0.01
18) Fluoranthene-d10	19.092	212	27037	0.427	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	5258	0.833	ng/ul#	49
5) Naphthalene	10.493	128	26056	0.569	ng/ul	97
7) 2-Methylnaphthalene	12.126	142	10633	0.413	ng/ul	99
8) 1-Methylnaphthalene	12.341	142	3576	0.120	ng/ul	99
11) Acenaphthene	14.370	153	3736	0.095	ng/ul	99
12) Fluorene	15.360	166	3860	0.089	ng/ul	97
15) Phenanthrene	17.093	178	11487	0.127	ng/ul	98
19) Fluoranthene	19.120	202	1952	0.022	ng/ul#	84

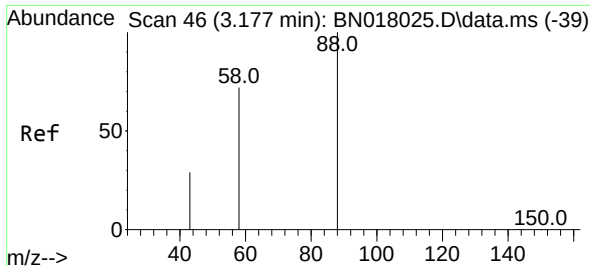
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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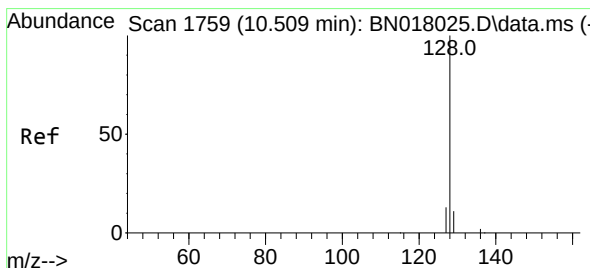
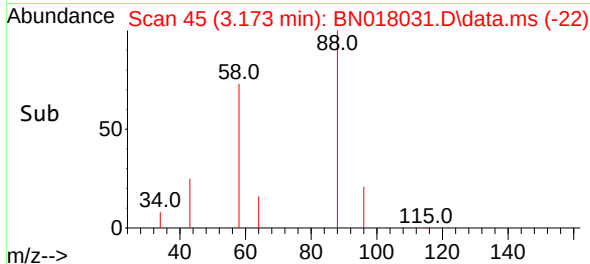
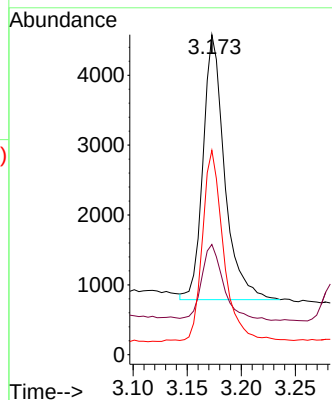
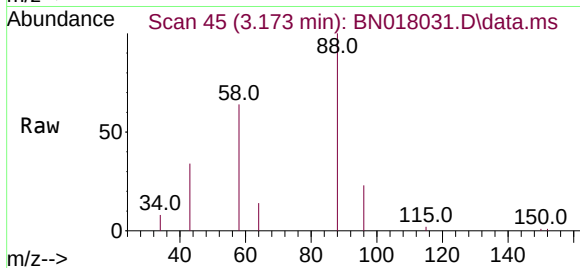




#2
1,4-Dioxane
Concen: 0.833 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

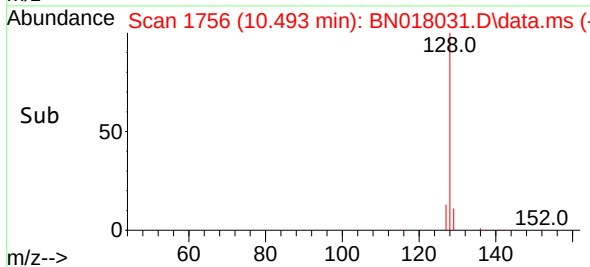
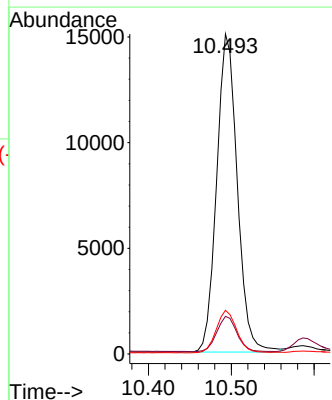
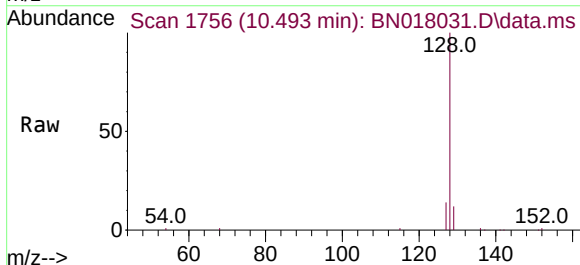
Instrument :
BNA_N
ClientSampleId :
EW5Q4

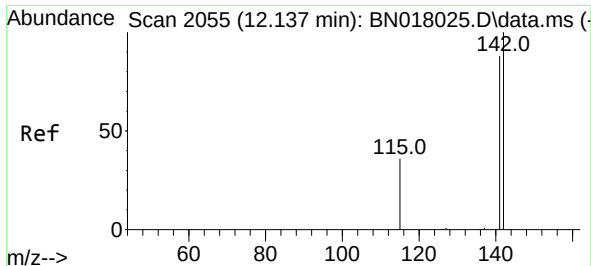
Tgt Ion: 88 Resp: 5258
Ion Ratio Lower Upper
88 100
43 34.4 85.8 128.6#
58 63.9 43.4 65.0



#5
Naphthalene
Concen: 0.569 ng/ul
RT: 10.493 min Scan# 1756
Delta R.T. -0.016 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

Tgt Ion: 128 Resp: 26056
Ion Ratio Lower Upper
128 100
129 11.8 10.4 15.6
127 13.6 11.8 17.6

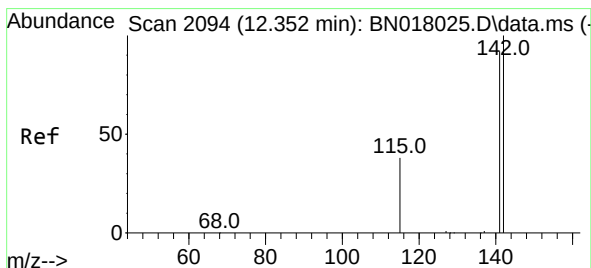
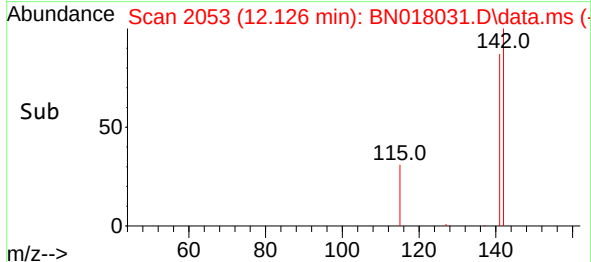
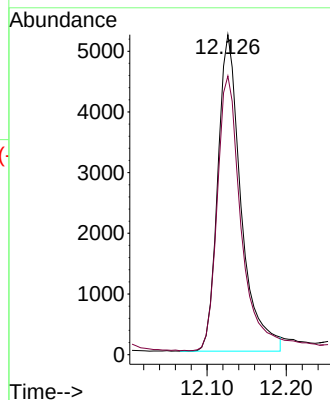
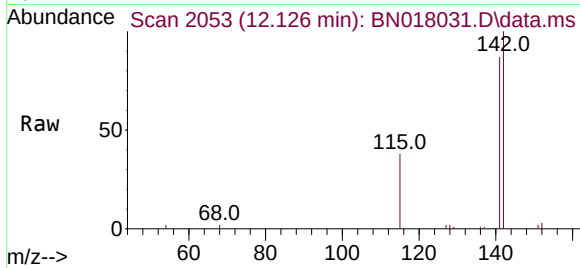




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.126 min Scan# 2053
Delta R.T. -0.011 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

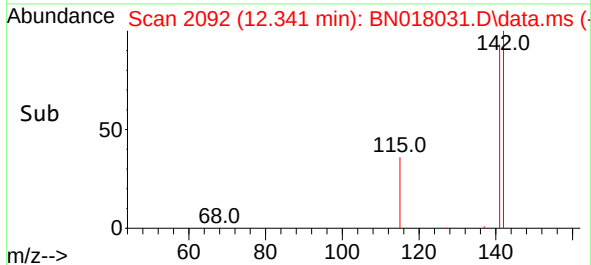
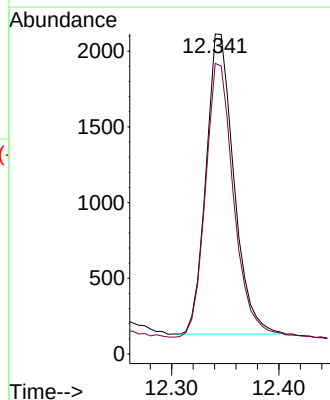
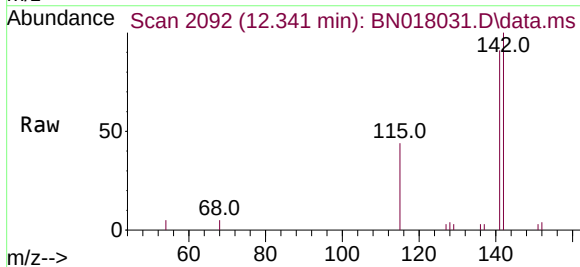
Instrument :
BNA_N
ClientSampleId :
EW5Q4

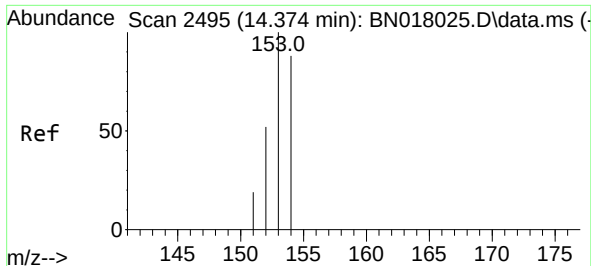
Tgt Ion:142 Resp: 10633
Ion Ratio Lower Upper
142 100
141 88.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.341 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

Tgt Ion:142 Resp: 3576
Ion Ratio Lower Upper
142 100
141 92.9 73.3 109.9

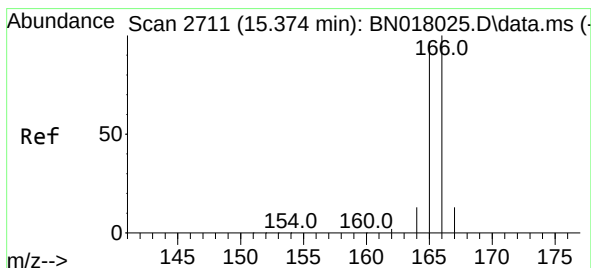
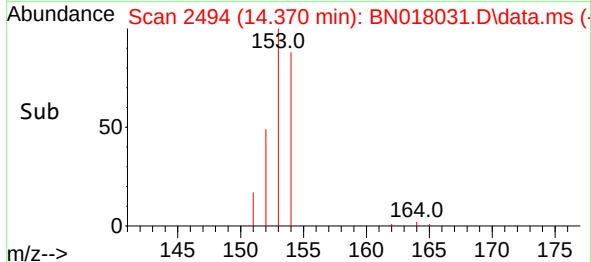
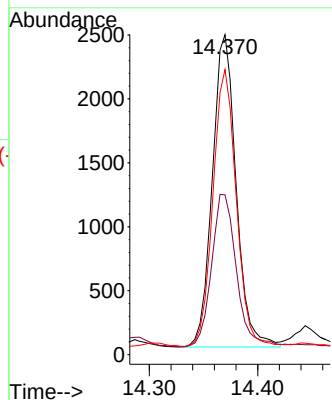
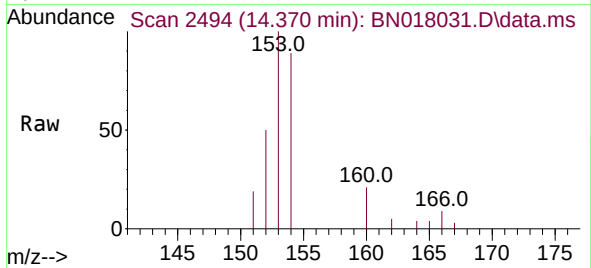




#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.370 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

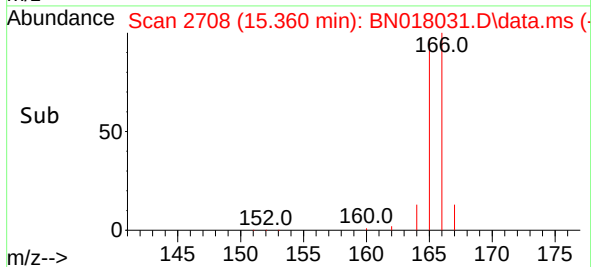
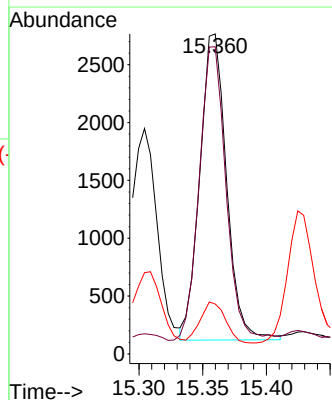
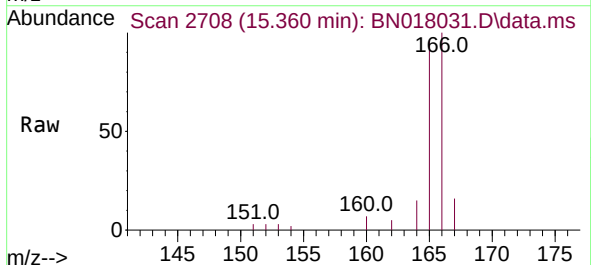
Instrument :
BNA_N
ClientSampleId :
EW5Q4

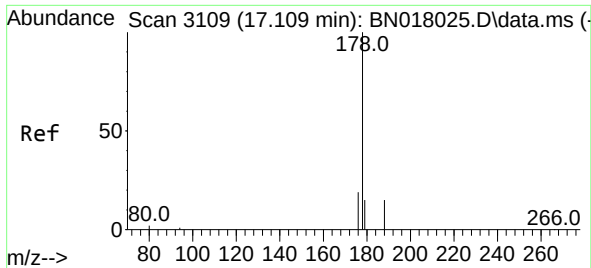
Tgt Ion:153 Resp: 3736
Ion Ratio Lower Upper
153 100
152 50.0 38.3 57.5
154 89.1 71.1 106.7



#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.360 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

Tgt Ion:166 Resp: 3860
Ion Ratio Lower Upper
166 100
165 96.0 79.2 118.8
167 15.6 11.2 16.8

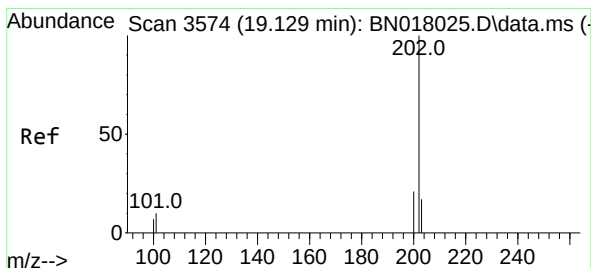
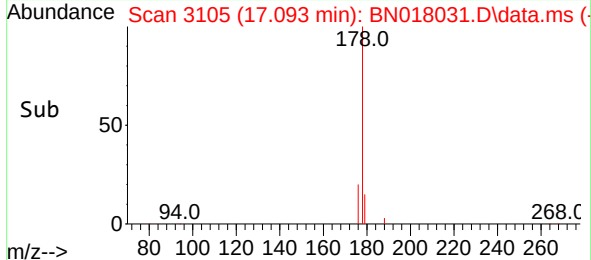
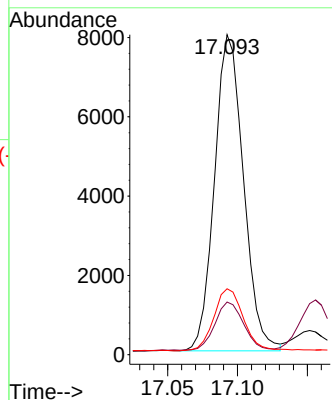
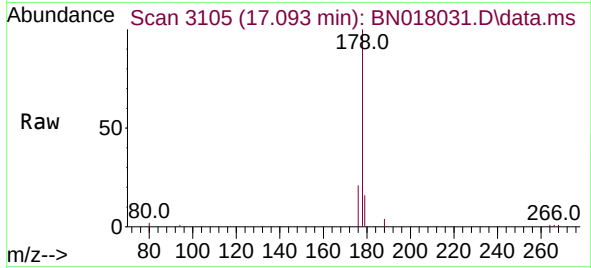




#15
Phenanthrene
Concen: 0.127 ng/ul
RT: 17.093 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

Instrument :
BNA_N
ClientSampleId :
EW5Q4

Tgt Ion:178	Resp:	11487
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.0 19.4
176	20.6	15.6 23.4



#19
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.120 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BN018031.D
Acq: 15 Dec 2021 19:08

Tgt Ion:202	Resp:	1952
Ion Ratio	Lower	Upper
202	100	
101	15.1	9.0 13.4#
100	17.3	6.8 10.2#

