

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027407.D
 Acq On : 06 Sep 2023 15:02
 Operator : MA/JU
 Sample : 04148-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJ94

Quant Time: Sep 06 16:53:05 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

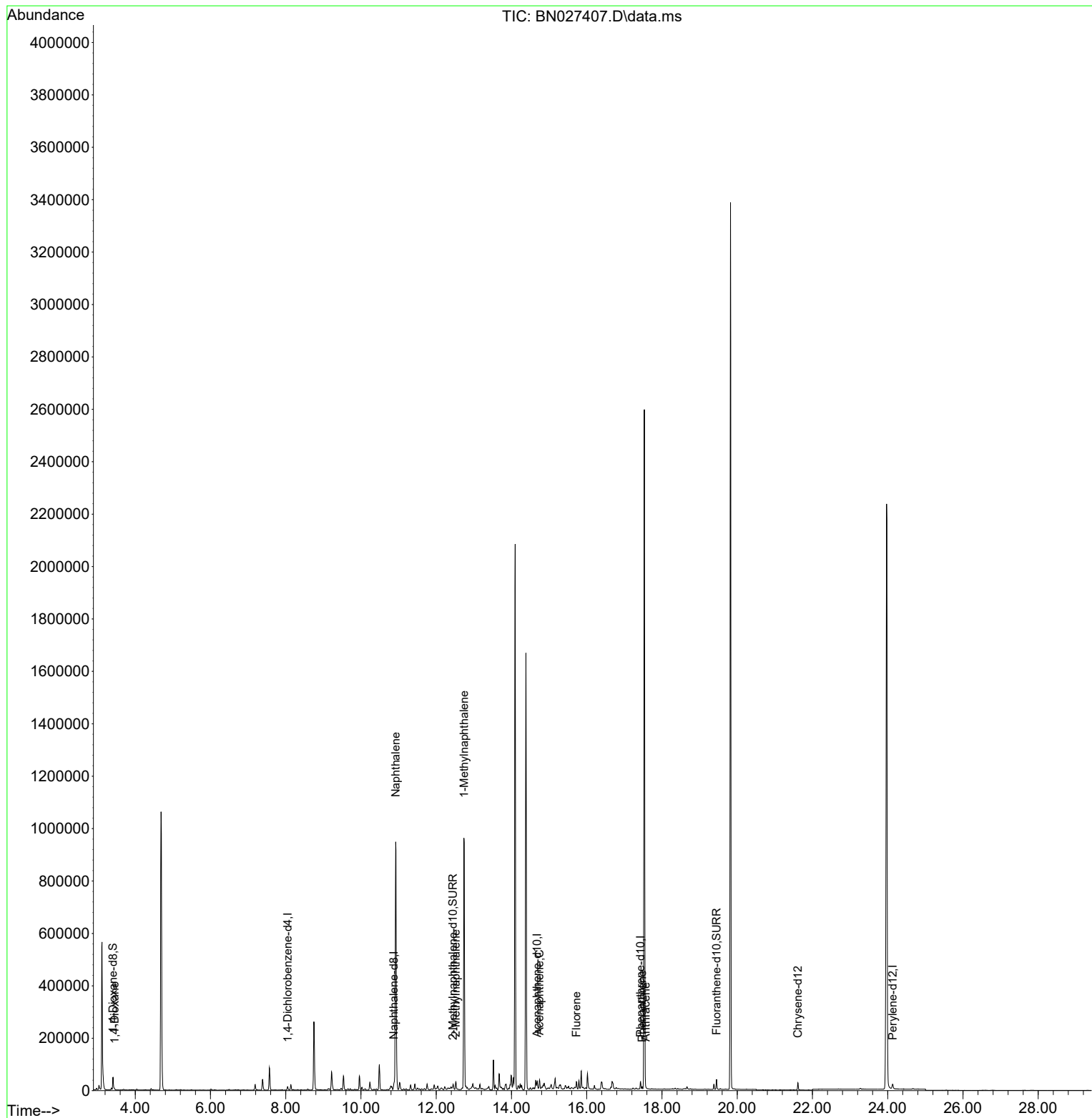
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	21706	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.680	164	15210	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	33503	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.612	240	25659	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	27524	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	34125	4.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	12948	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.450	212	40488	0.461	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2461	0.302	ng/ul#	59
5) Naphthalene	10.922	128	1321501	20.988	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	20384	0.518	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	642107	15.299	ng/ul	100
11) Acenaphthene	14.744	153	19059	0.318	ng/ul	96
12) Fluorene	15.725	166	17582	0.262	ng/ul	99
15) Phenanthrene	17.472	178	9853	0.090	ng/ul#	78
16) Anthracene	17.565	178	2553	0.029	ng/ul#	27

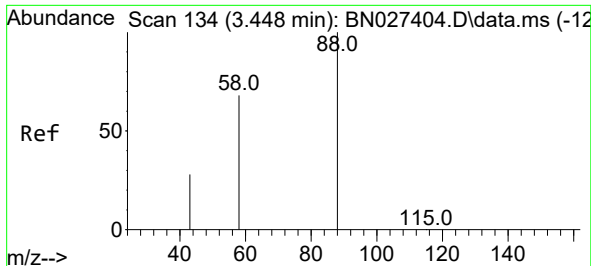
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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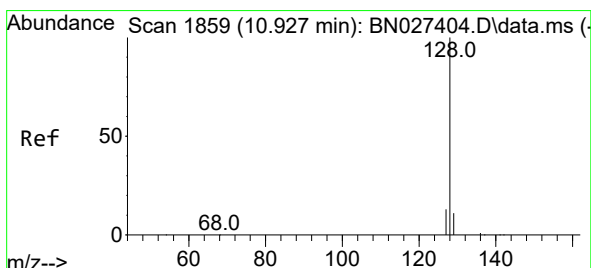
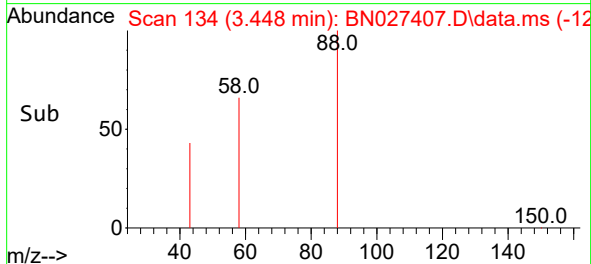
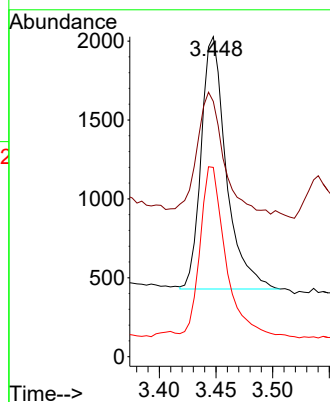
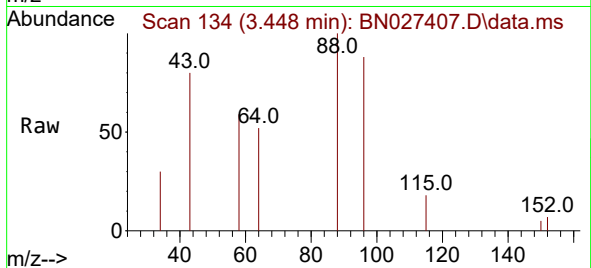




#2
1,4-Dioxane
Concen: 0.302 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

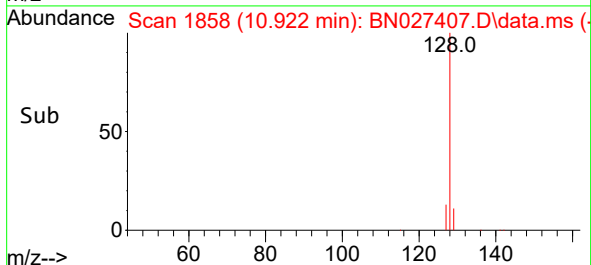
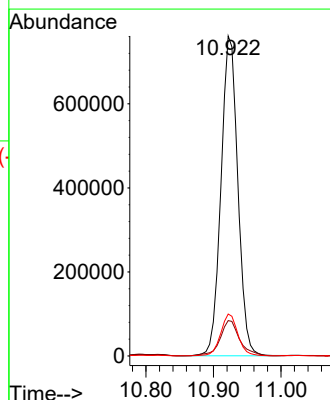
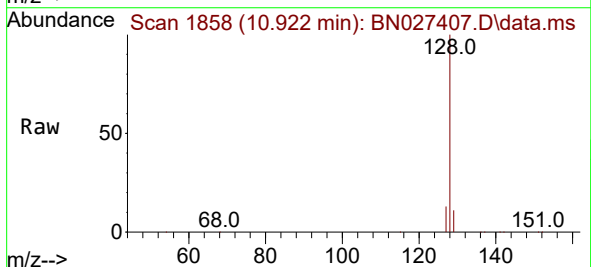
Instrument :
BNA_N
ClientSampleId :
BBJ94

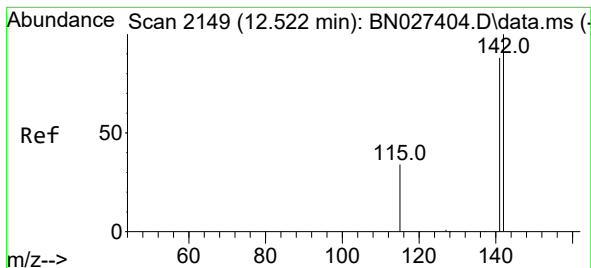
Tgt Ion: 88 Resp: 2461
Ion Ratio Lower Upper
88 100
43 79.7 26.8 40.2#
58 59.2 39.9 59.9



#5
Naphthalene
Concen: 20.988 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

Tgt Ion:128 Resp: 1321501
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.1 10.6 16.0

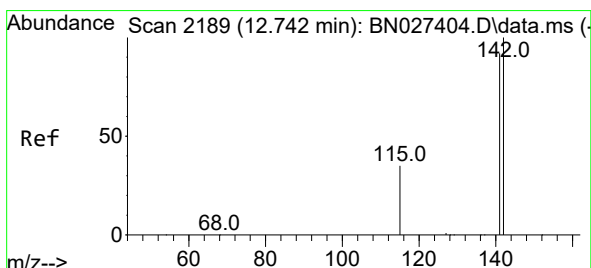
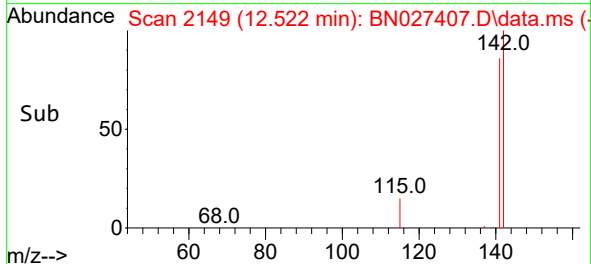
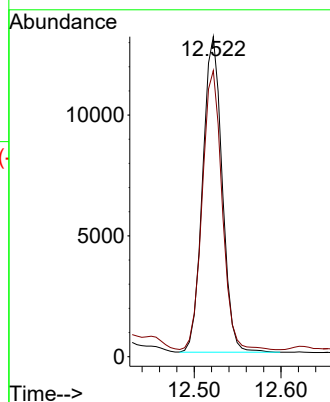
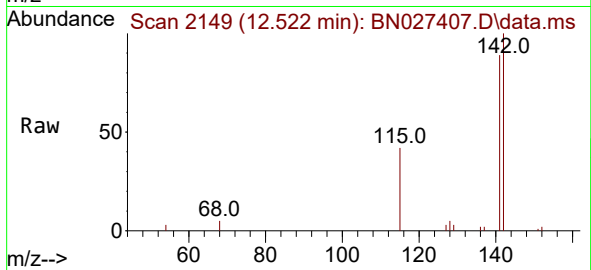




#7
2-Methylnaphthalene
Concen: 0.518 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

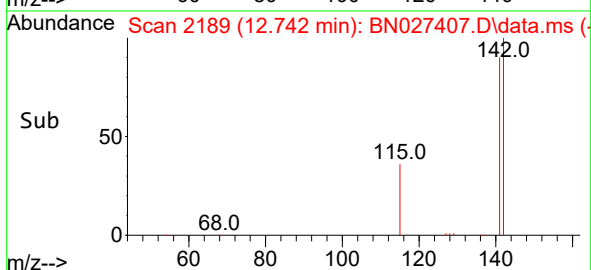
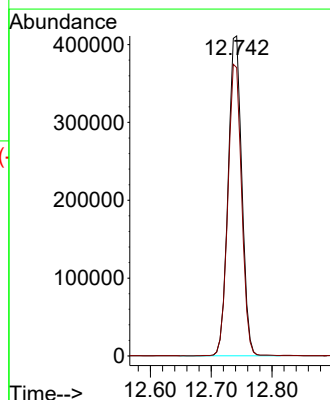
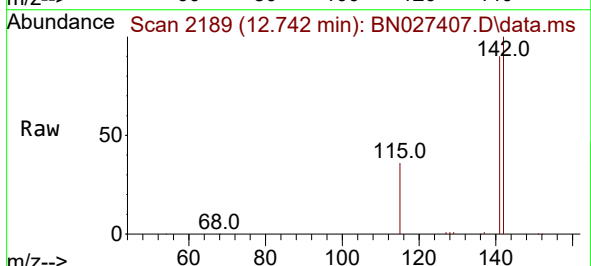
Instrument :
BNA_N
ClientSampleId :
BBJ94

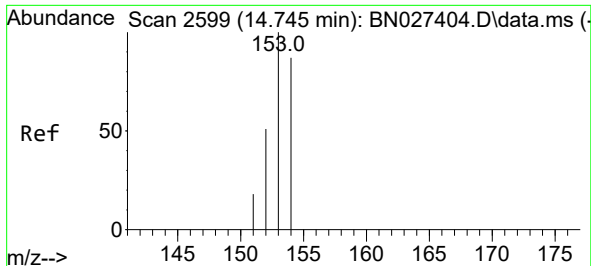
Tgt Ion:142 Resp: 20384
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 15.299 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

Tgt Ion:142 Resp: 642107
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4

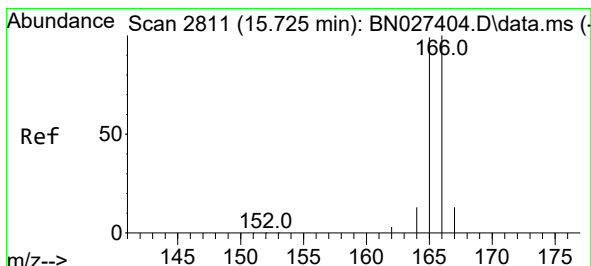
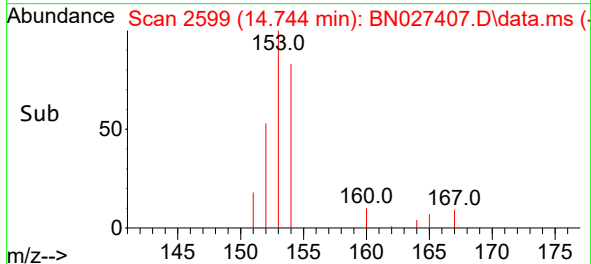
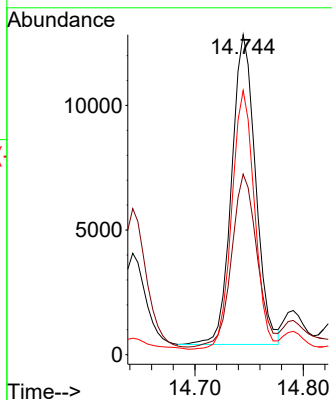
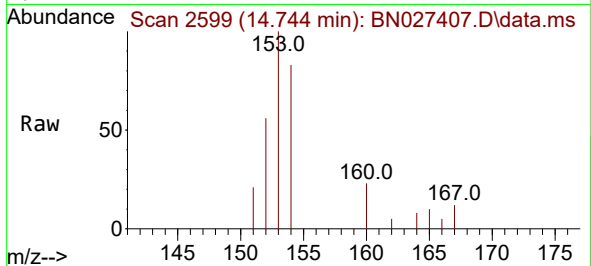




#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.744 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

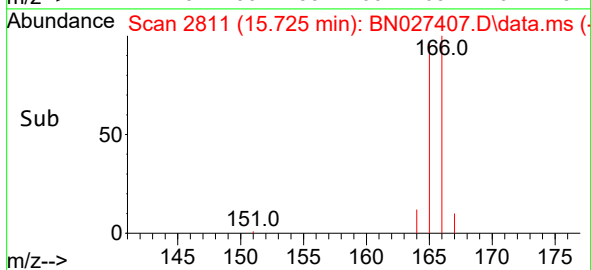
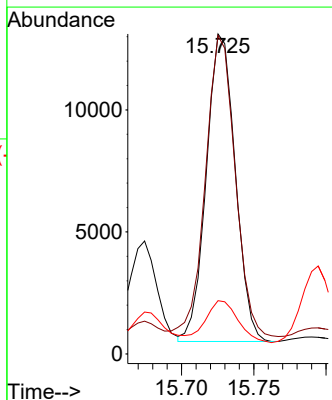
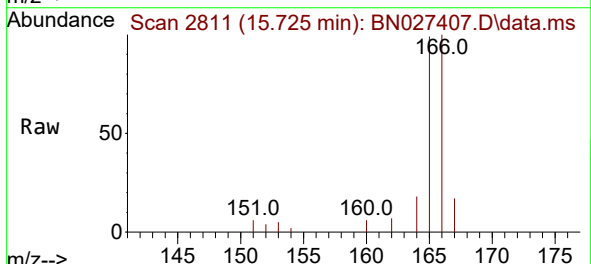
Instrument :
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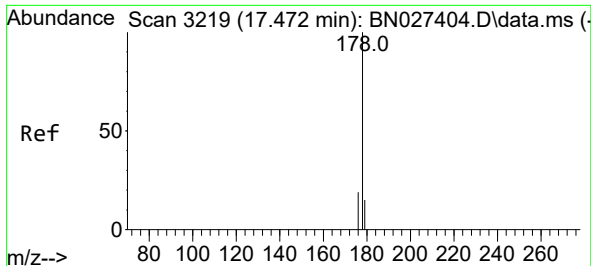
Tgt Ion:153 Resp: 19059
Ion Ratio Lower Upper
153 100
152 56.4 42.9 64.3
154 82.5 69.4 104.0



#12
Fluorene
Concen: 0.262 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.014 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

Tgt Ion:166 Resp: 17582
Ion Ratio Lower Upper
166 100
165 99.5 79.6 119.4
167 16.7 11.4 17.0

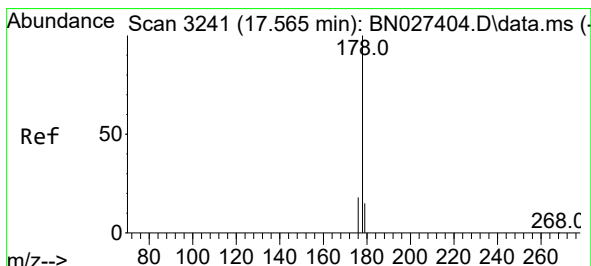
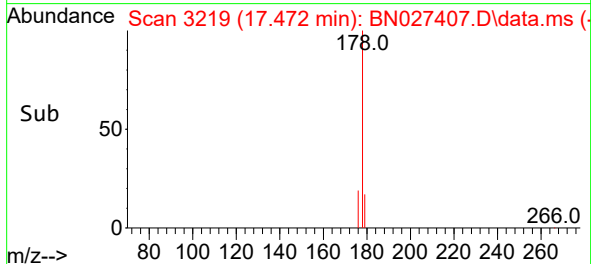
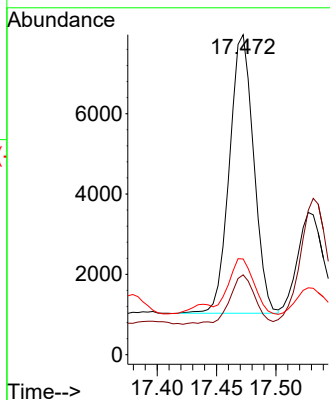
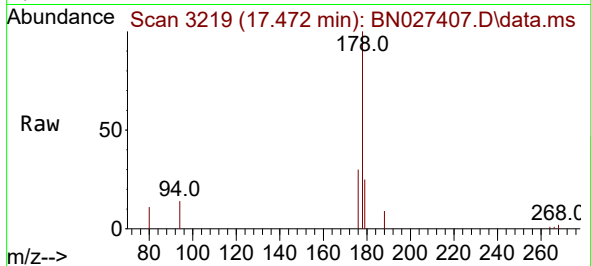




#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

Instrument :
BNA_N
ClientSampleId :
BBJ94

Tgt Ion:178 Resp: 9853
Ion Ratio Lower Upper
178 100
179 24.9 12.6 19.0#
176 29.9 15.8 23.8#



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.565 min Scan# 3241
Delta R.T. -0.008 min
Lab File: BN027407.D
Acq: 06 Sep 2023 15:02

Tgt Ion:178 Resp: 2553
Ion Ratio Lower Upper
178 100
179 48.1 13.0 19.6#
176 52.1 15.6 23.4#

