

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090823\
 Data File : BN027485.D
 Acq On : 08 Sep 2023 20:44
 Operator : MA/JU
 Sample : 04427-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 00:28:20 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 : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

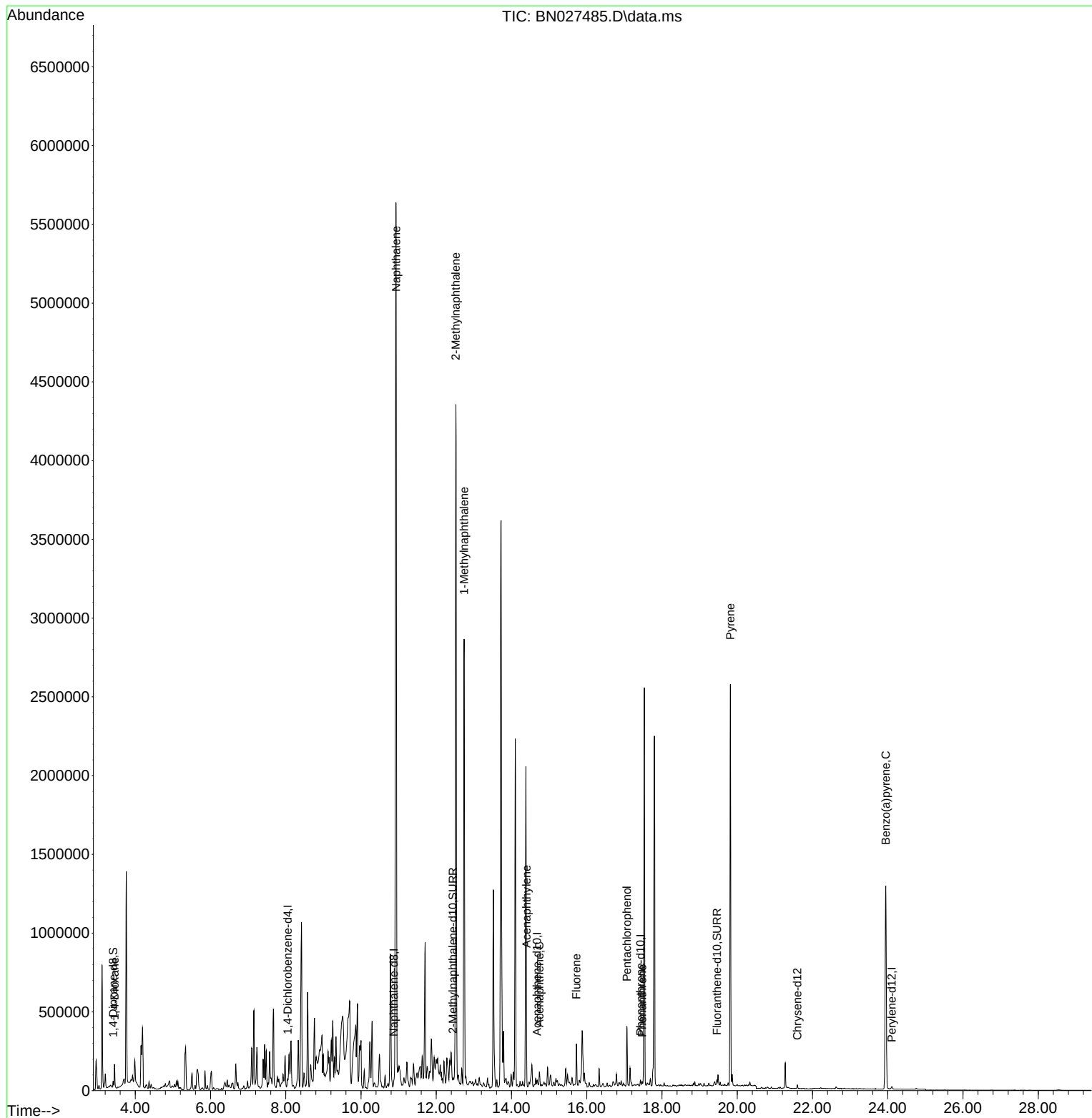
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	10619	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.872	136	31886	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.680	164	29339	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	42122	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	23631	0.400	ng/ul	# 0.00
23) Perylene-d12	24.108	264	22314	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	24764	1.753	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	18874	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	33058	0.408	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	106810	7.472	ng/ul#	72
5) Naphthalene	10.933	128	8161444	88.238	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	2952518	51.029	ng/ul	98
8) 1-Methylnaphthalene	12.742	142	1954590	31.702	ng/ul	99
10) Acenaphthylene	14.397	152	12508	0.093	ng/ul#	1
11) Acenaphthene	14.740	153	58280	0.504	ng/ul	99
12) Fluorene	15.725	166	159604	1.233	ng/ul	100
14) Pentachlorophenol	17.067	266	231591	28.201	ng/ul	99
15) Phenanthrene	17.472	178	34946	0.255	ng/ul#	56
20) Pyrene	19.817	202	5972	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.945	252	7066	0.086	ng/ul#	27

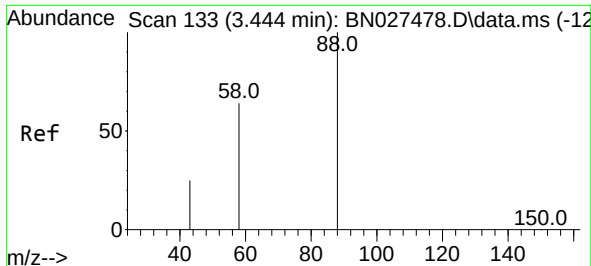
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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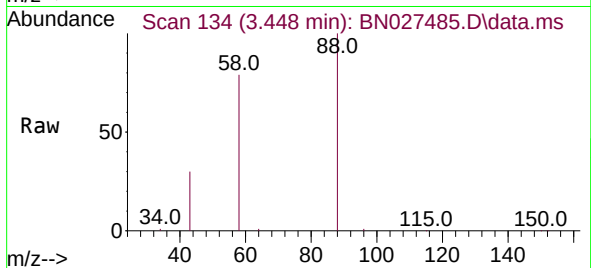
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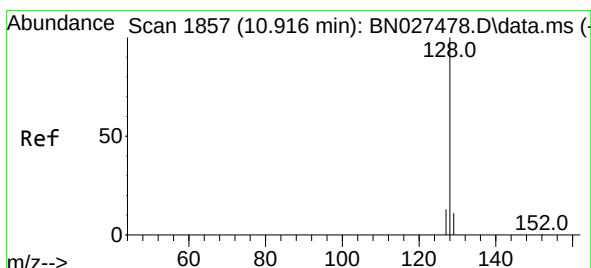
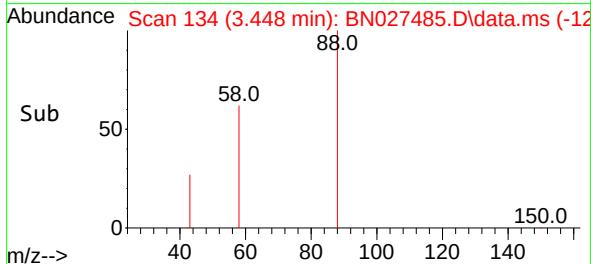
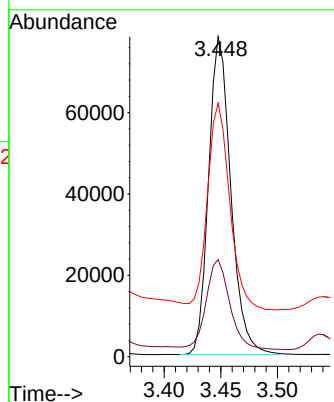


#2
1,4-Dioxane
Concen: 7.472 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

Instrument :
BNA_N
ClientSampleId :

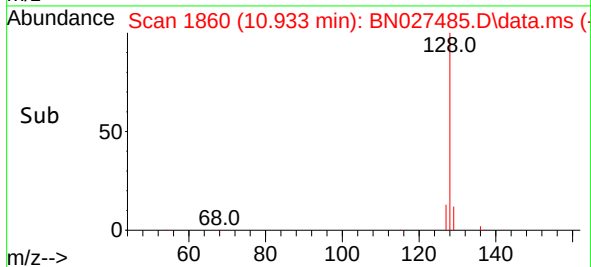
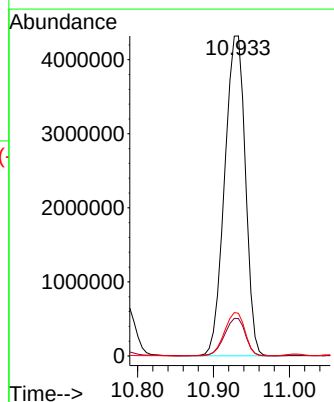
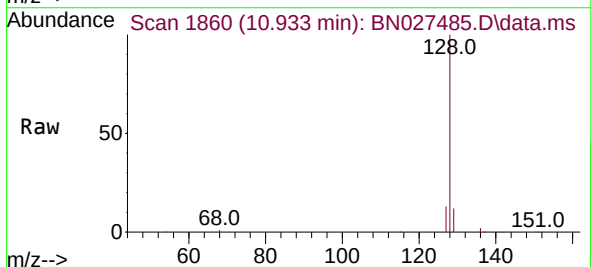


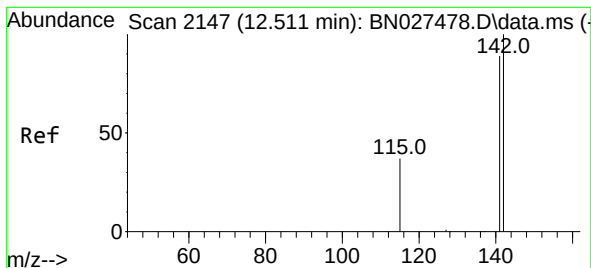
Tgt Ion: 88 Resp: 106810
Ion Ratio Lower Upper
88 100
43 30.4 26.8 40.2
58 79.2 39.9 59.9#



#5
Naphthalene
Concen: 88.238 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. 0.011 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

Tgt Ion:128 Resp: 8161444
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.4 10.6 16.0

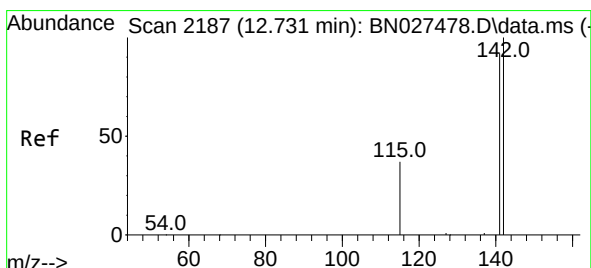
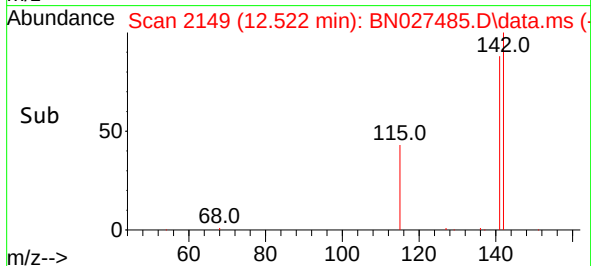
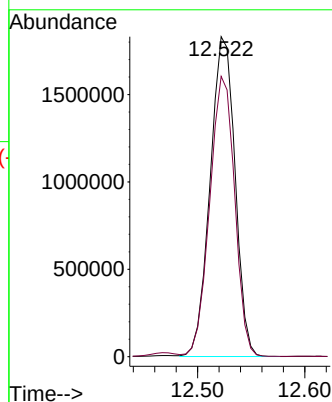
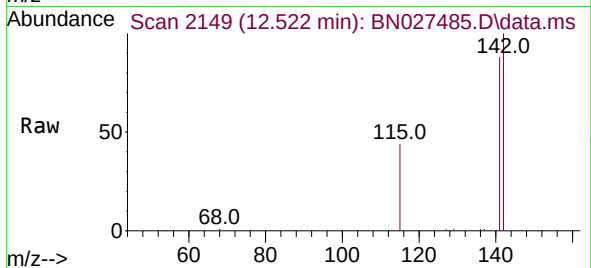




#7
2-Methylnaphthalene
Concen: 51.029 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

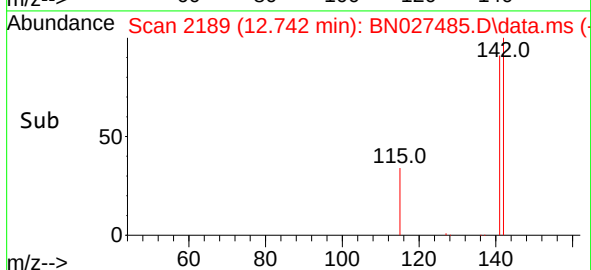
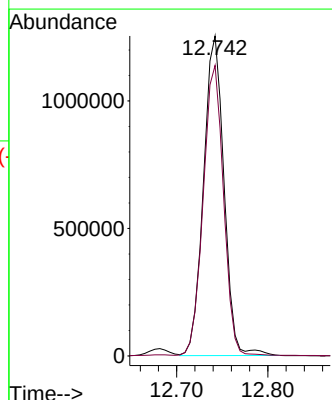
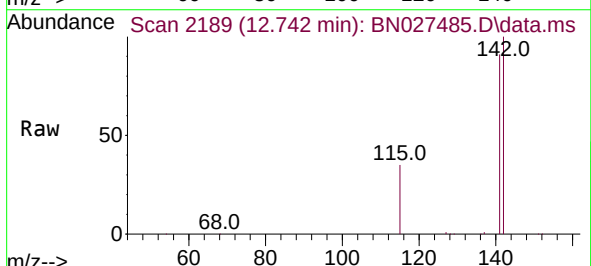
Instrument :
BNA_N
ClientSampleId :

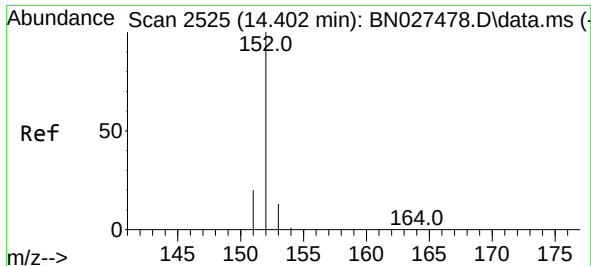
Tgt Ion:142 Resp: 2952518
Ion Ratio Lower Upper
142 100
141 87.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 31.702 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. 0.005 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

Tgt Ion:142 Resp: 1954590
Ion Ratio Lower Upper
142 100
141 89.8 73.0 109.4

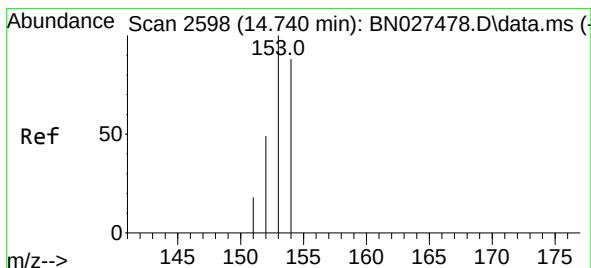
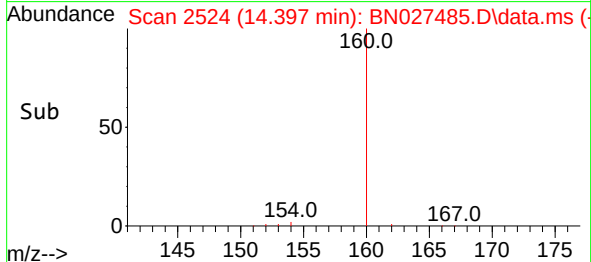
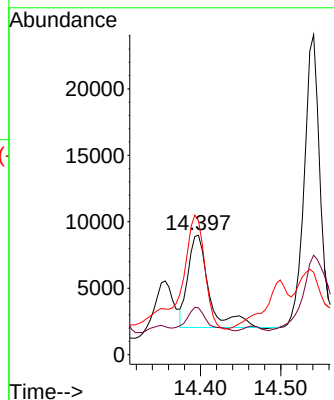
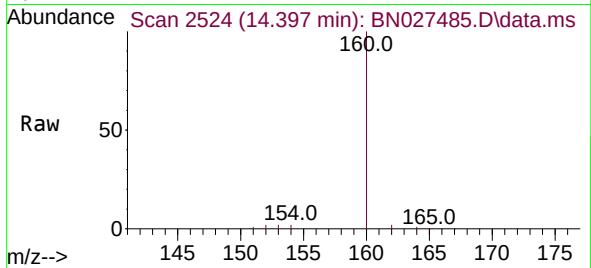




#10
Acenaphthylene
Concen: 0.093 ng/u1
RT: 14.397 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

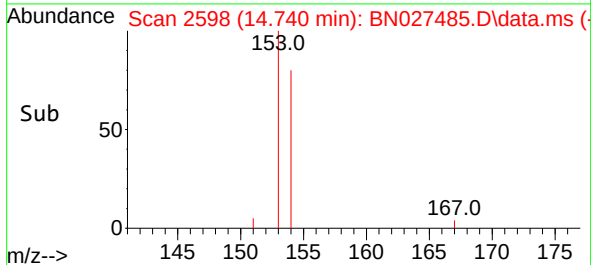
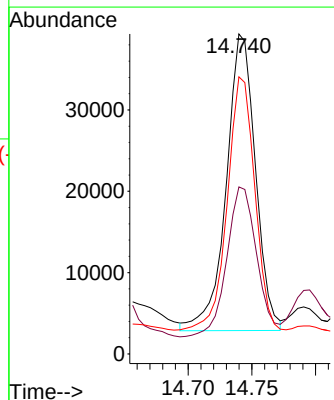
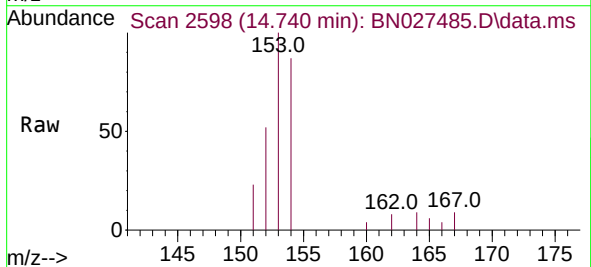
Instrument :
BNA_N
ClientSampleId :

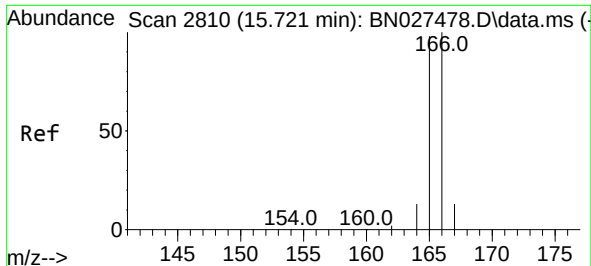
Tgt Ion:152 Resp: 12508
Ion Ratio Lower Upper
152 100
151 39.2 16.3 24.5#
153 112.2 11.1 16.7#



#11
Acenaphthene
Concen: 0.504 ng/u1
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

Tgt Ion:153 Resp: 58280
Ion Ratio Lower Upper
153 100
152 52.2 42.9 64.3
154 86.6 69.4 104.0

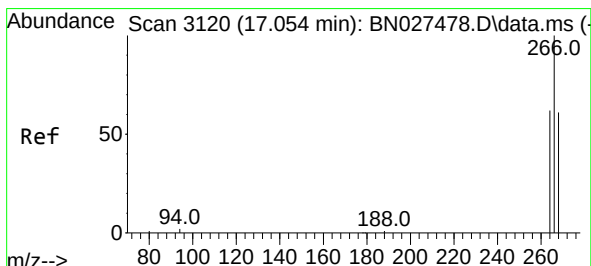
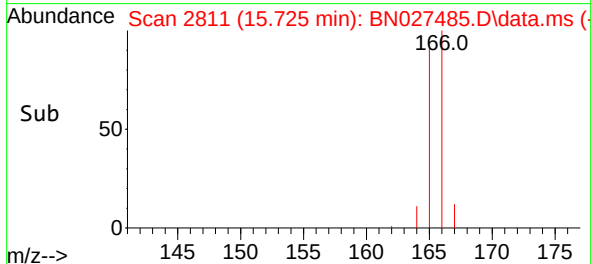
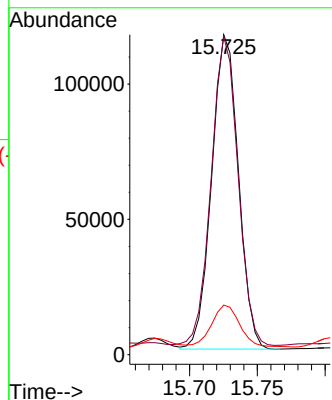
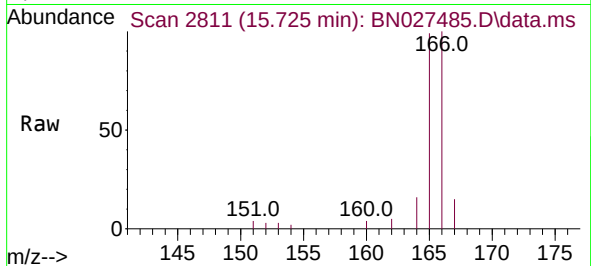




#12
Fluorene
Concen: 1.233 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

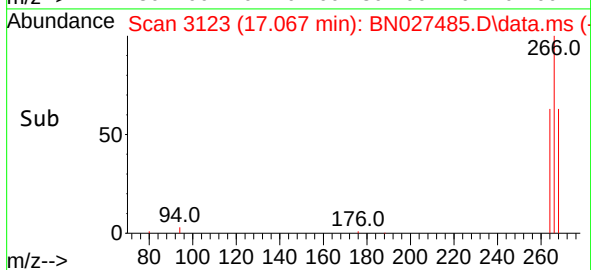
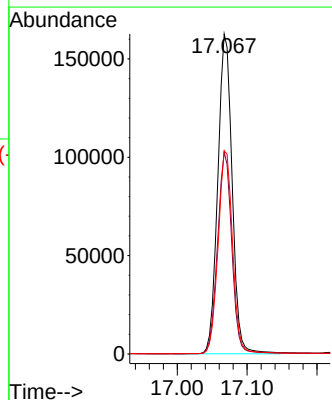
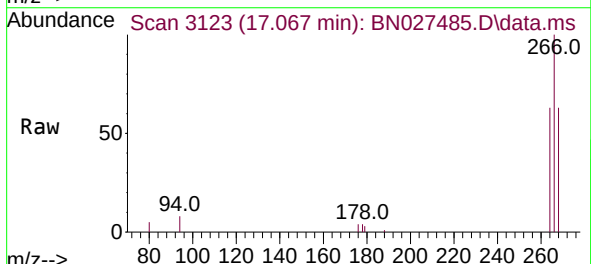
Instrument :
BNA_N
ClientSampleId :

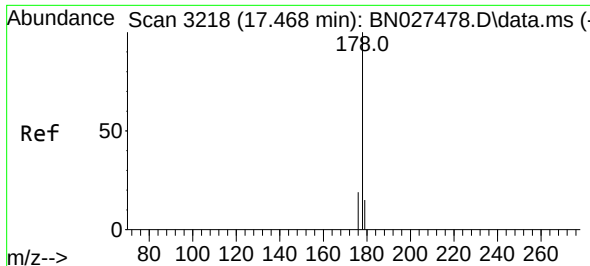
Tgt Ion:166 Resp: 159604
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 15.5 11.4 17.0



#14
Pentachlorophenol
Concen: 28.201 ng/ul
RT: 17.067 min Scan# 3123
Delta R.T. 0.008 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

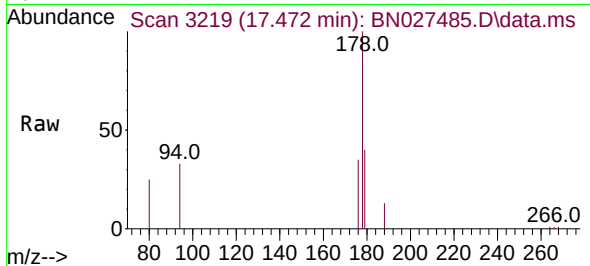
Tgt Ion:266 Resp: 231591
Ion Ratio Lower Upper
266 100
264 62.8 50.4 75.6
268 63.9 51.9 77.9



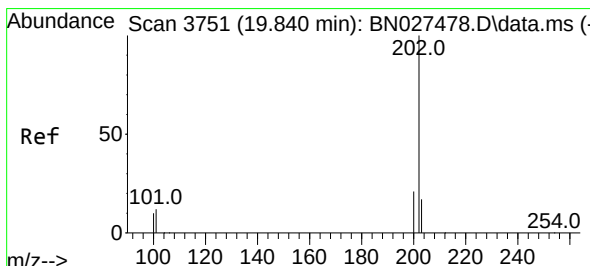
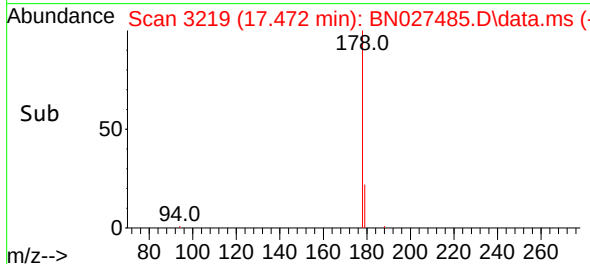
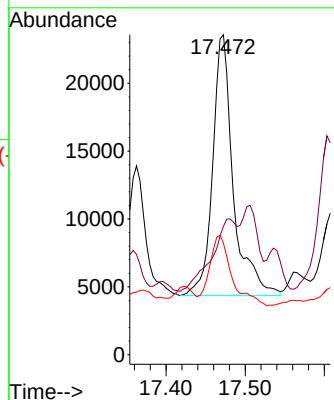


#15
Phenanthrene
Concen: 0.255 ng/ul
RT: 17.472 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

Instrument :
BNA_N
ClientSampleId :

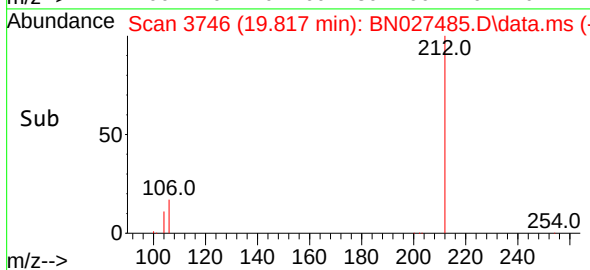
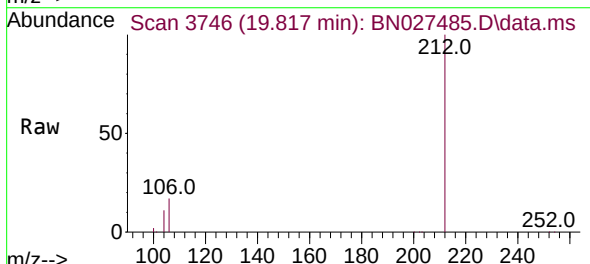
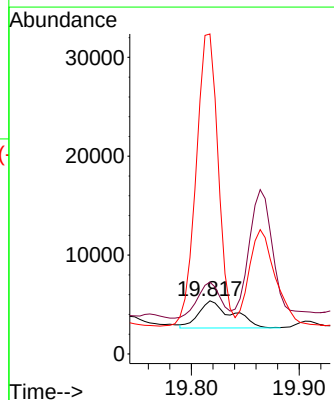


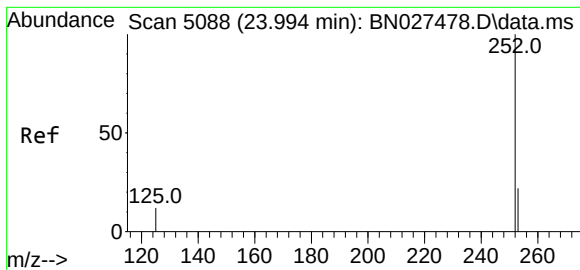
Tgt Ion:178 Resp: 34946
Ion Ratio Lower Upper
178 100
179 40.1 12.6 19.0#
176 34.9 15.8 23.8#



#20
Pyrene
Concen: 0.054 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.023 min
Lab File: BN027485.D
Acq: 08 Sep 2023 20:44

Tgt Ion:202 Resp: 5972
Ion Ratio Lower Upper
202 100
101 135.0 11.4 17.2#
100 601.7 9.4 14.2#





#26

Benzo(a)pyrene

Concen: 0.086 ng/ul

RT: 23.945 min Scan# 50

Delta R.T. -0.050 min

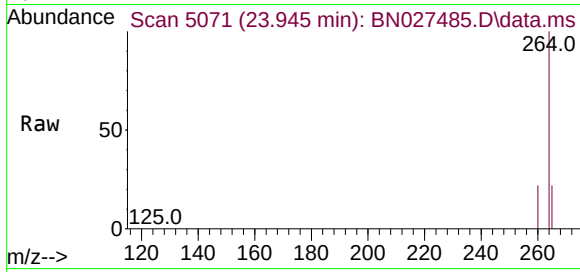
Lab File: BN027485.D

Acq: 08 Sep 2023 20:44

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 7066

Ion Ratio Lower Upper

252 100

253 65.4 22.4 33.6#

125 57.2 17.4 26.2#

