

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090823\
 Data File : BN027482.D
 Acq On : 08 Sep 2023 18:51
 Operator : MA/JU
 Sample : 04427-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 00:27:46 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)

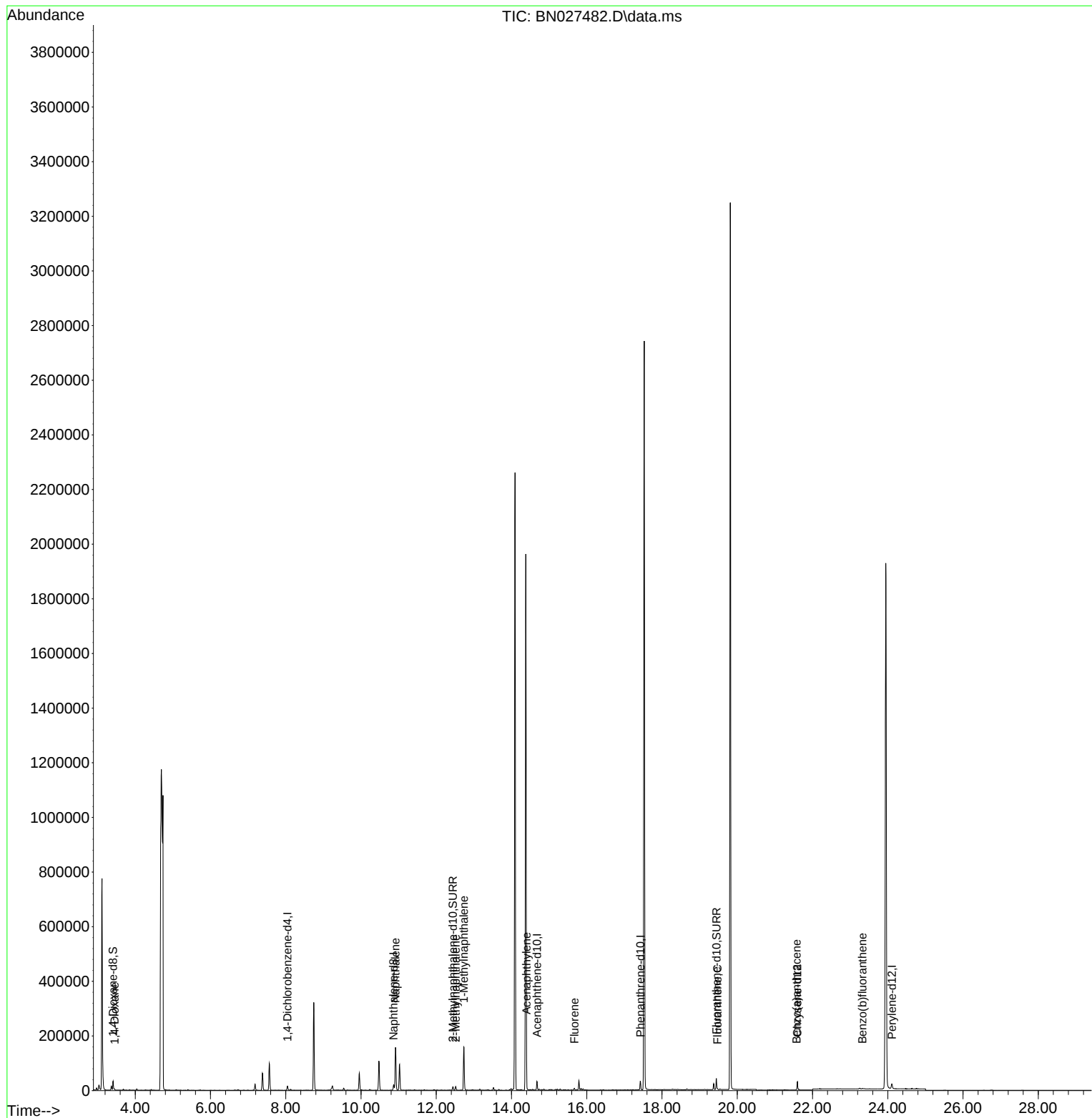
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	25831	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	16742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	37357	0.400	ng/ul	0.00
17) Chrysene-d12	21.598	240	27703	0.400	ng/ul	0.00
23) Perylene-d12	24.109	264	26021	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	22206	2.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	15529	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.446	212	44155	0.465	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	1960	0.195	ng/ul#	52
5) Naphthalene	10.916	128	216880	2.894	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	9676	0.206	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	110197	2.206	ng/ul	99
10) Acenaphthylene	14.402	152	1627	0.021	ng/ul#	28
12) Fluorene	15.670	166	5855	0.079	ng/ul#	14
19) Fluoranthene	19.474	202	2996	0.024	ng/ul#	83
21) Benzo(a)anthracene	21.580	228	2368	0.024	ng/ul#	68
24) Benzo(b)fluoranthene	23.325	252	4221	0.034	ng/ul#	6

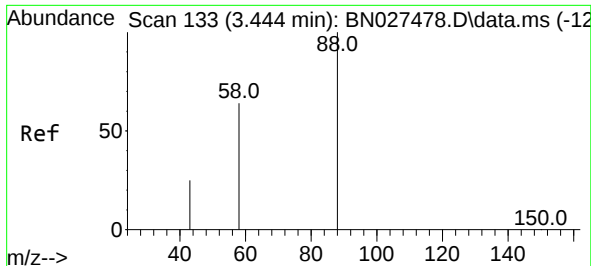
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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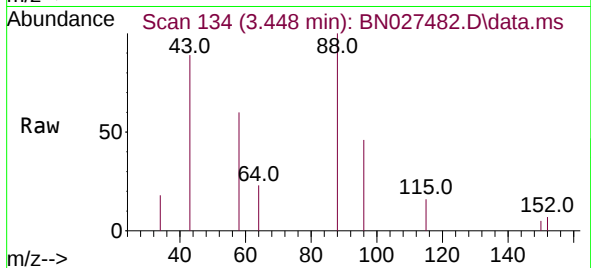
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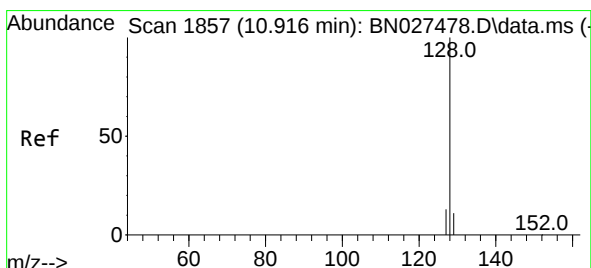
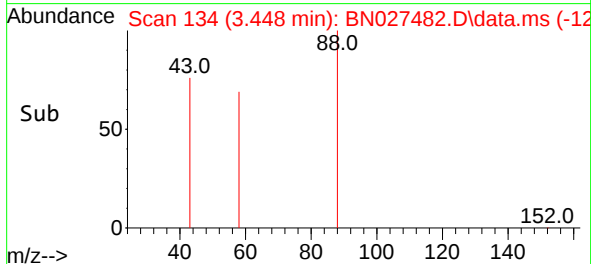
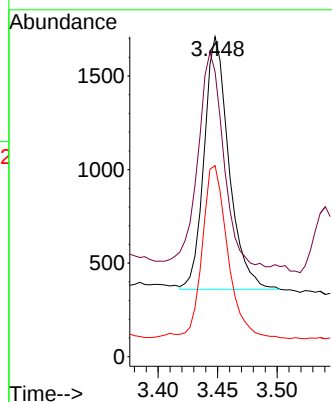


#2
1,4-Dioxane
Concen: 0.195 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

Instrument :
BNA_N
ClientSampleId :

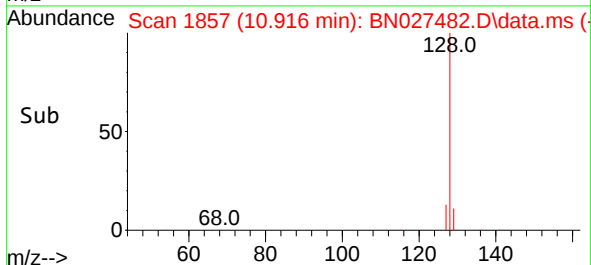
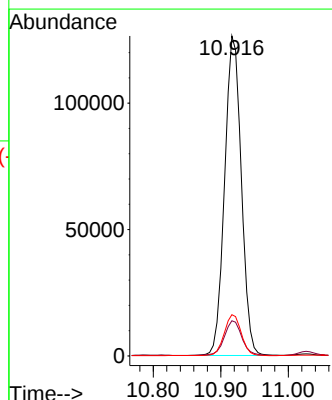
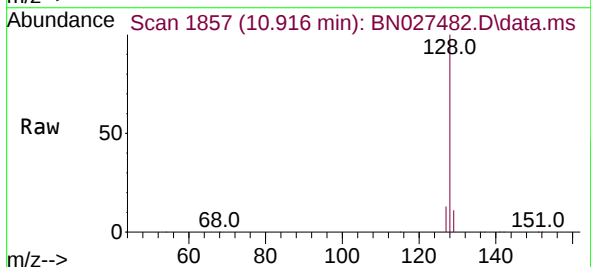


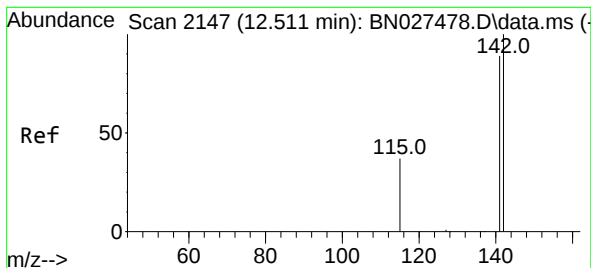
Tgt Ion: 88 Resp: 1960
Ion Ratio Lower Upper
88 100
43 89.1 26.8 40.2#
58 59.7 39.9 59.9



#5
Naphthalene
Concen: 2.894 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

Tgt Ion:128 Resp: 216880
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.9 10.6 16.0

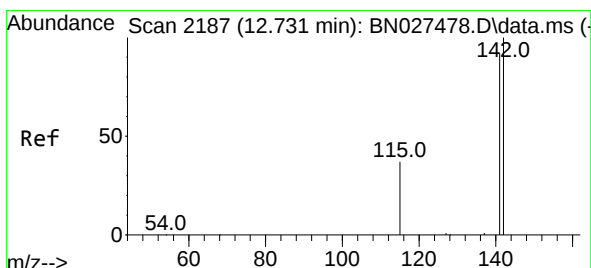
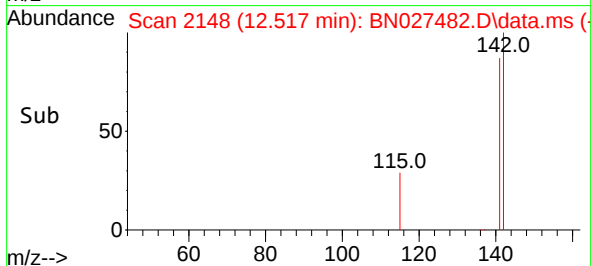
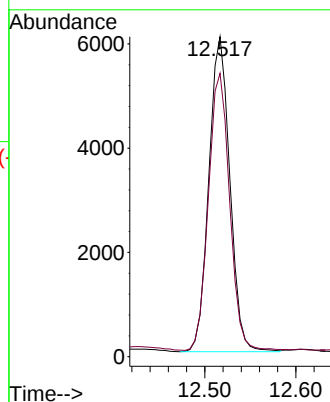
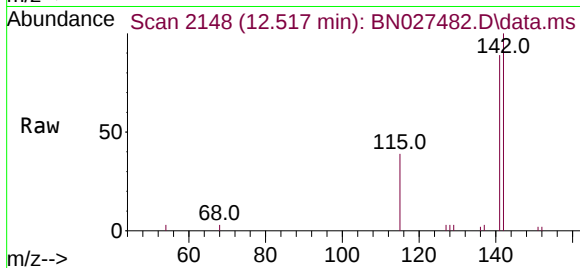




#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.517 min Scan# 2147
Delta R.T. -0.005 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

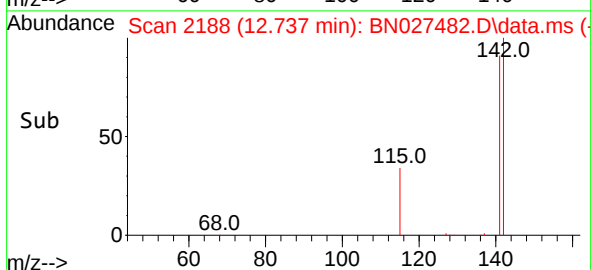
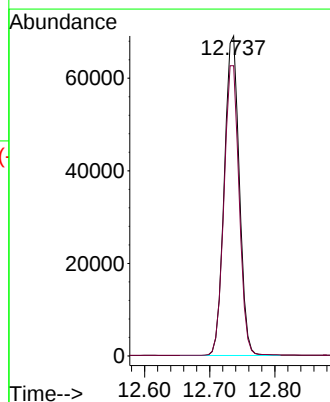
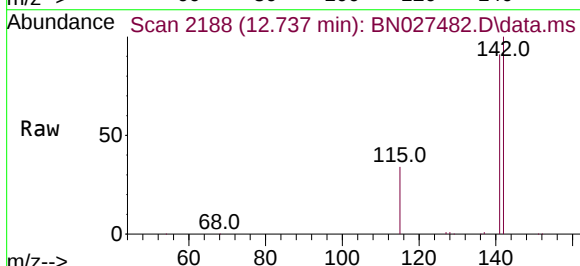
Instrument :
BNA_N
ClientSampleId :

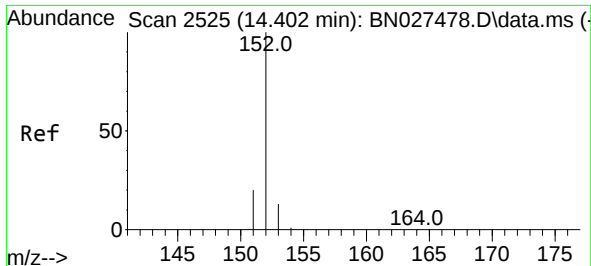
Tgt Ion:142 Resp: 9676
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 2.206 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

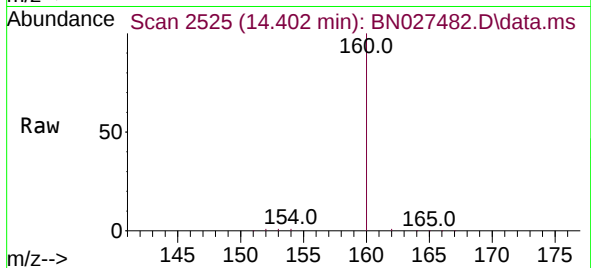
Tgt Ion:142 Resp: 110197
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4



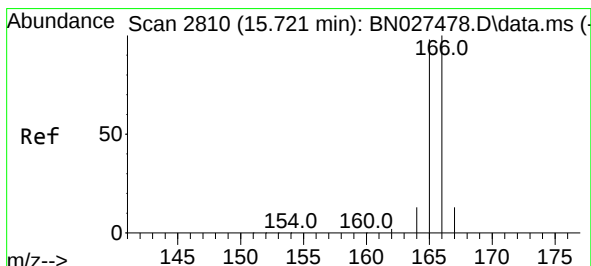
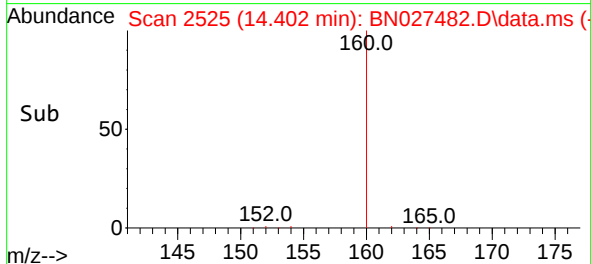
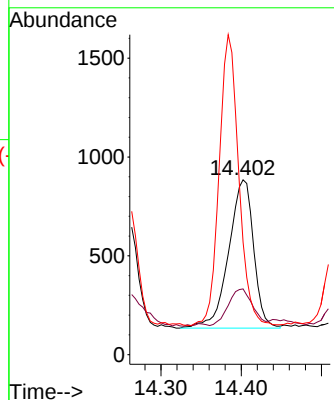


#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.402 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

Instrument :
BNA_N
ClientSampleId :

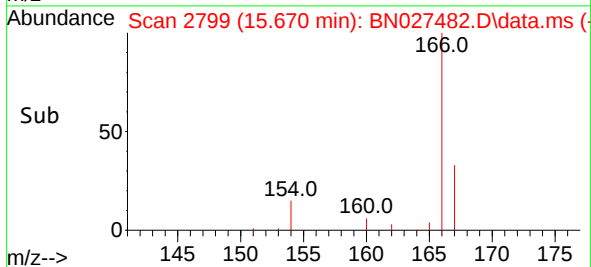
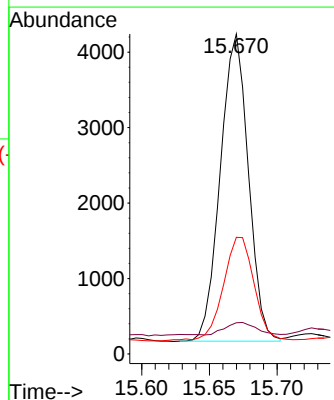
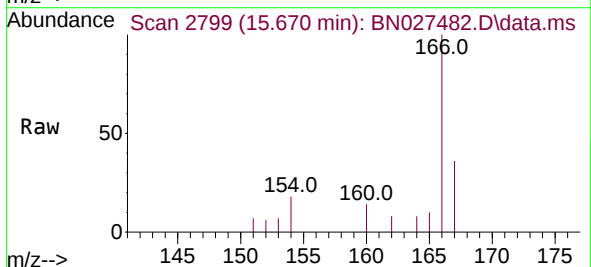


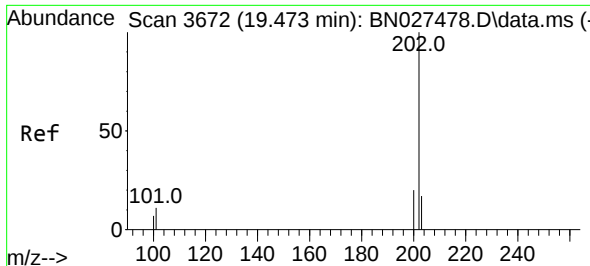
Tgt Ion:152 Resp: 1627
Ion Ratio Lower Upper
152 100
151 37.5 16.3 24.5#
153 64.3 11.1 16.7#



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.670 min Scan# 2799
Delta R.T. -0.055 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

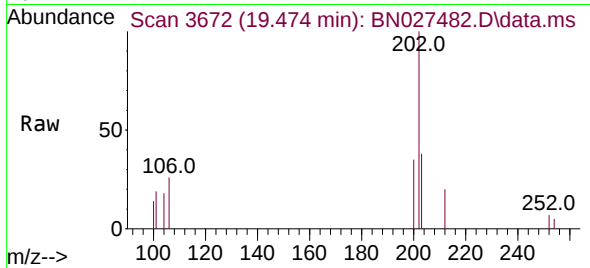
Tgt Ion:166 Resp: 5855
Ion Ratio Lower Upper
166 100
165 9.7 79.6 119.4#
167 36.5 11.4 17.0#



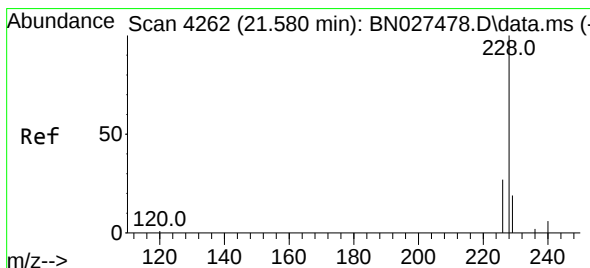
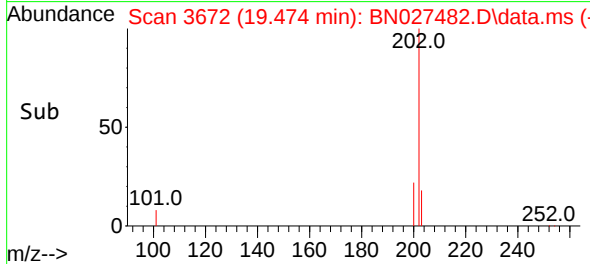
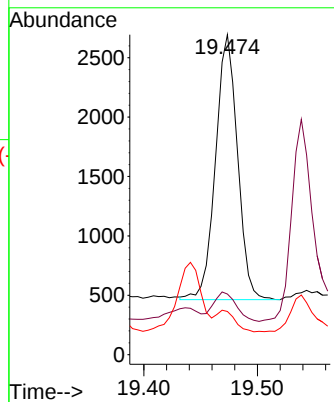


#19
Fluoranthene
Concen: 0.024 ng/ul
RT: 19.474 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

Instrument :
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ClientSampleId :

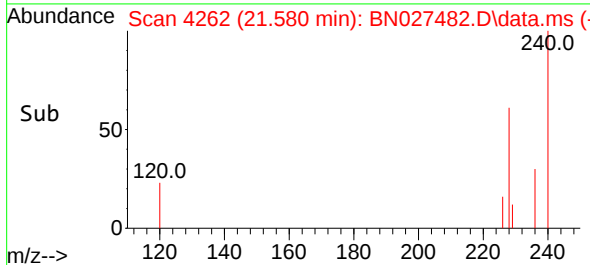
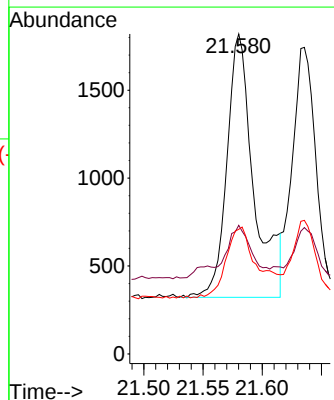
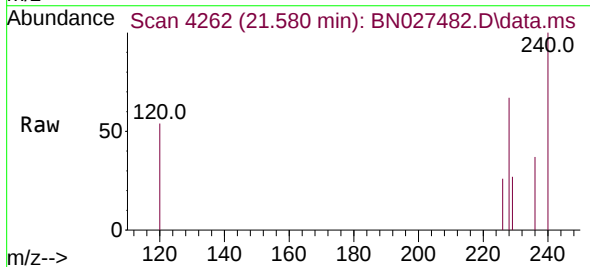


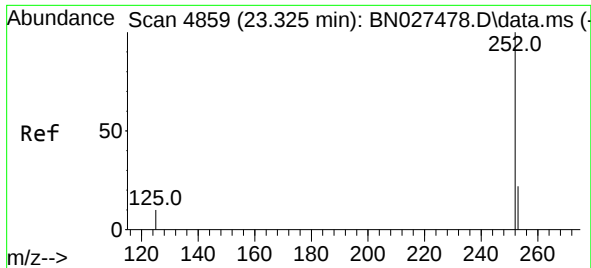
Tgt Ion:202 Resp: 2996
Ion Ratio Lower Upper
202 100
101 19.0 9.4 14.0#
100 13.5 6.9 10.3#



#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.000 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

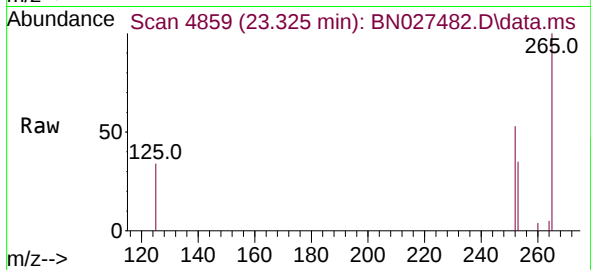
Tgt Ion:228 Resp: 2368
Ion Ratio Lower Upper
228 100
229 40.2 15.7 23.5#
226 39.0 22.0 33.0#





#24
Benzo(b)fluoranthene
Concen: 0.034 ng/ul
RT: 23.325 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027482.D
Acq: 08 Sep 2023 18:51

Instrument :
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ClientSampleId :



Tgt Ion:252 Resp: 4221
Ion Ratio Lower Upper
252 100
253 65.8 0.0 49.6#
125 64.6 0.0 33.8#

