

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027499.D
 Acq On : 09 Sep 2023 13:29
 Operator : MA/JU
 Sample : 04427-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBKE3

Quant Time: Sep 10 00:10:14 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)

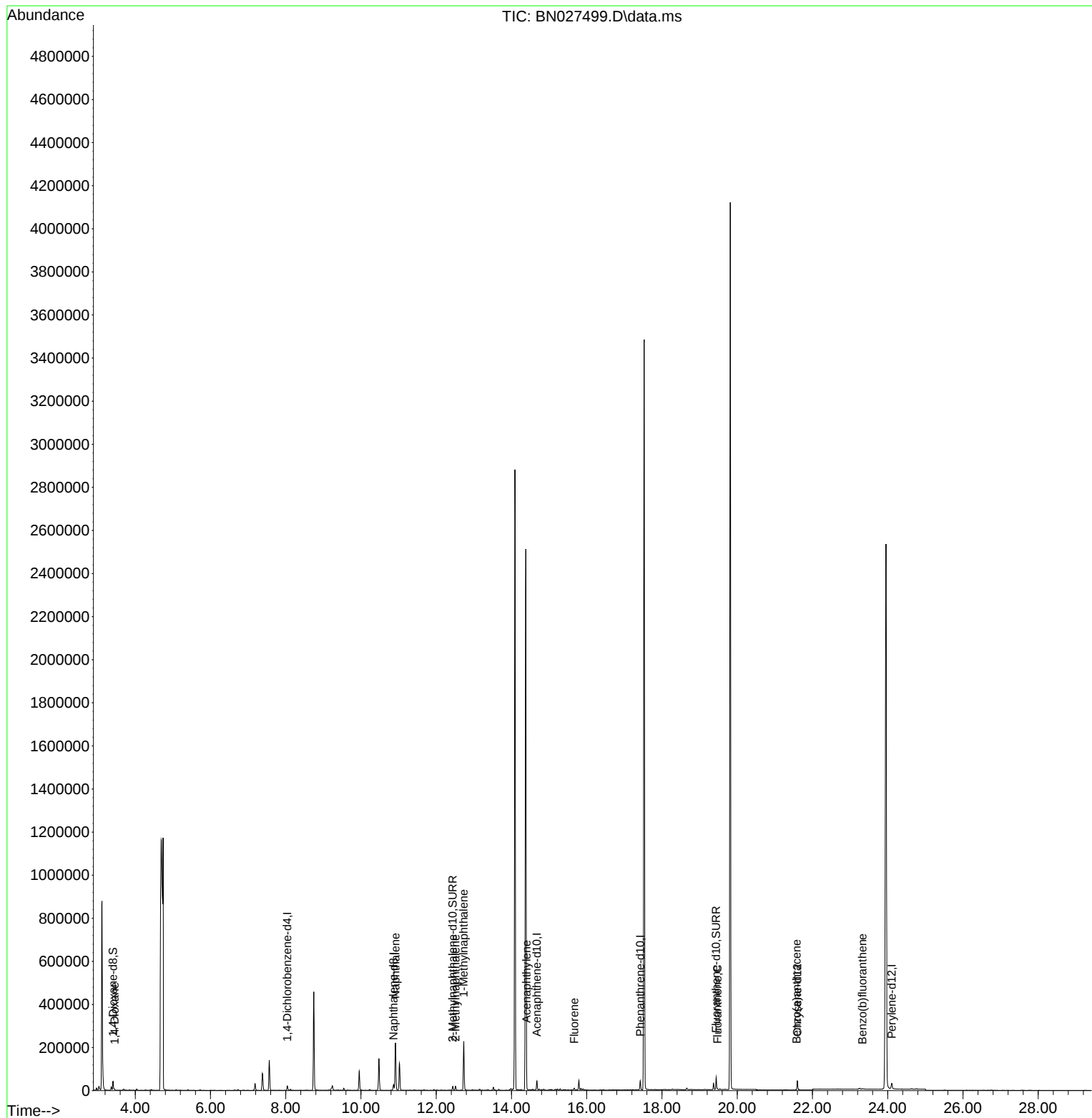
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	10239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	35661	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	23071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	50286	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	39114	0.400	ng/ul	0.00
23) Perylene-d12	24.105	264	37906	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	28966	2.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	21477	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	60663	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2464	0.179	ng/ul#	54
5) Naphthalene	10.916	128	297535	2.876	ng/ul	99
7) 2-Methylnaphthalene	12.511	142	13399	0.207	ng/ul	98
8) 1-Methylnaphthalene	12.731	142	150960	2.189	ng/ul	99
10) Acenaphthylene	14.402	152	2326	0.022	ng/ul#	40
12) Fluorene	15.670	166	7786	0.076	ng/ul#	14
19) Fluoranthene	19.473	202	4100	0.023	ng/ul#	86
21) Benzo(a)anthracene	21.580	228	3214	0.023	ng/ul#	67
24) Benzo(b)fluoranthene	23.328	252	5714	0.032	ng/ul#	17

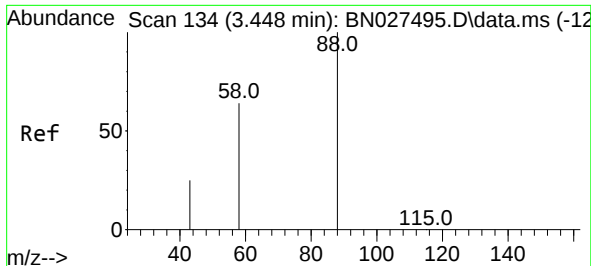
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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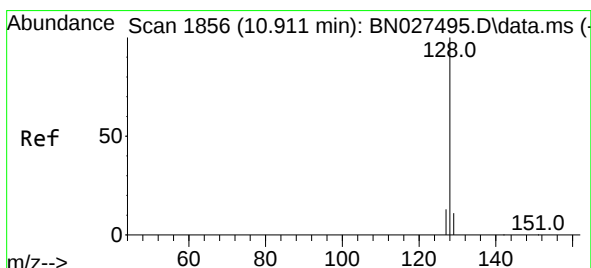
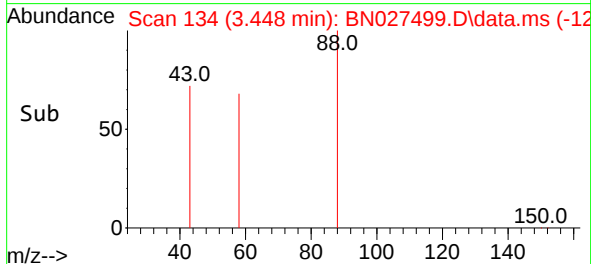
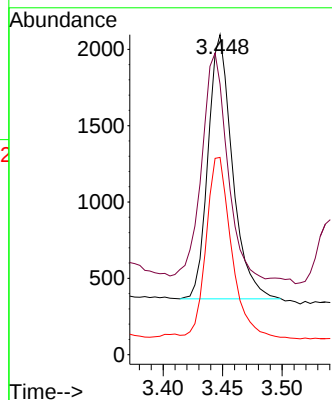
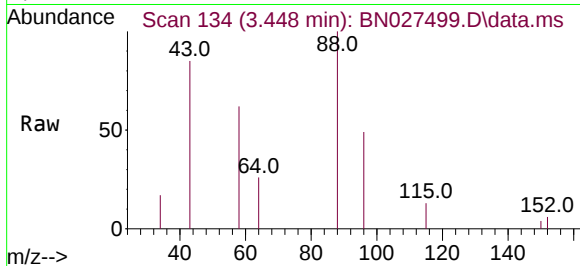




#2
1,4-Dioxane
Concen: 0.179 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

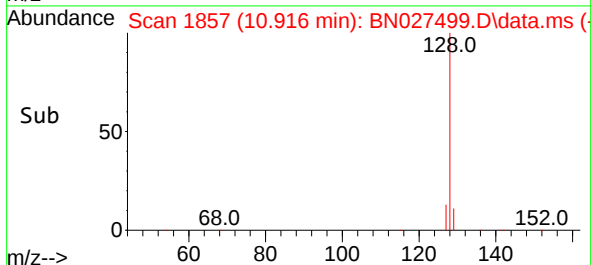
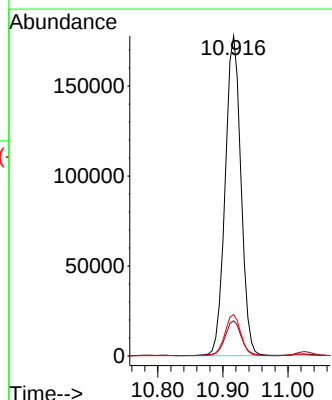
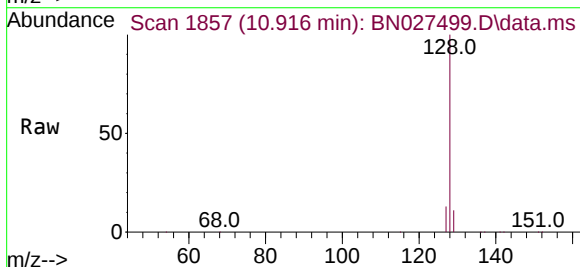
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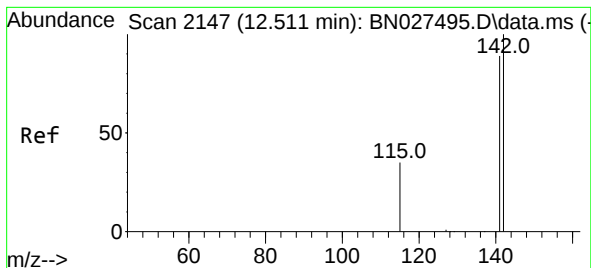
Tgt Ion: 88 Resp: 2464
Ion Ratio Lower Upper
88 100
43 84.5 26.8 40.2#
58 61.6 39.9 59.9#



#5
Naphthalene
Concen: 2.876 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

Tgt Ion:128 Resp: 297535
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 10.6 16.0

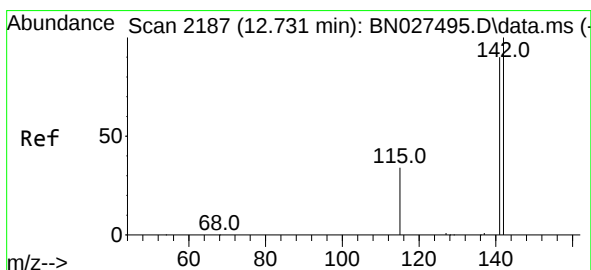
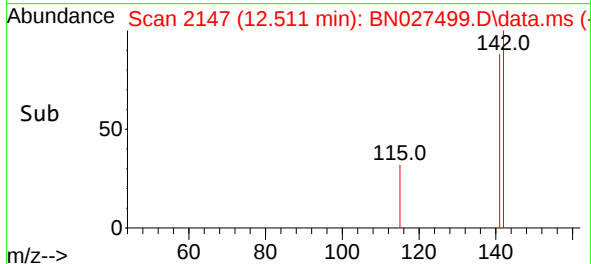
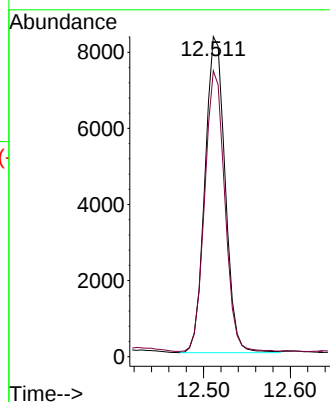
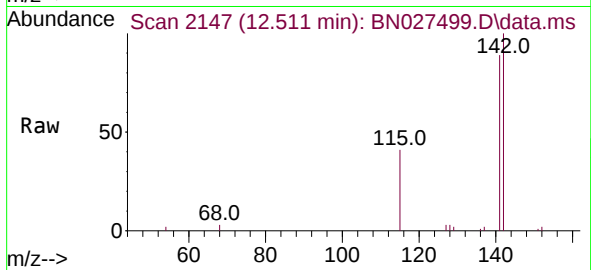




#7
2-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

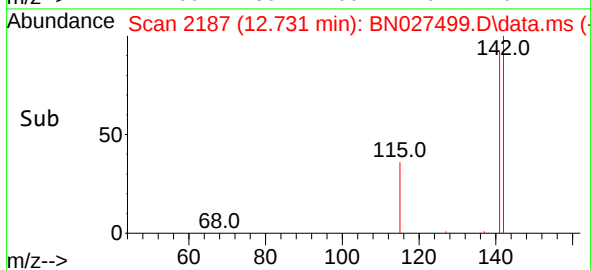
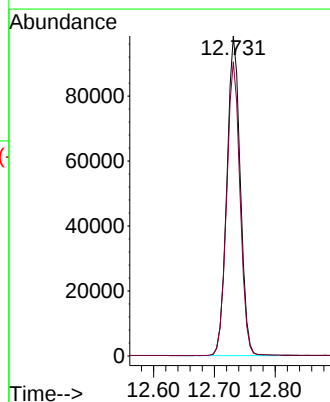
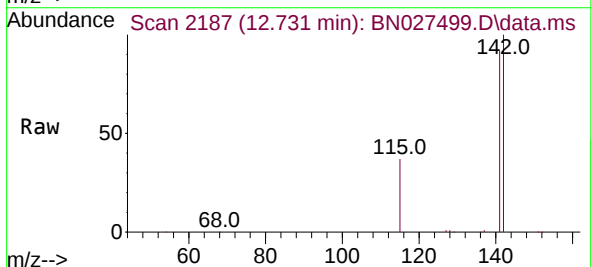
Instrument :
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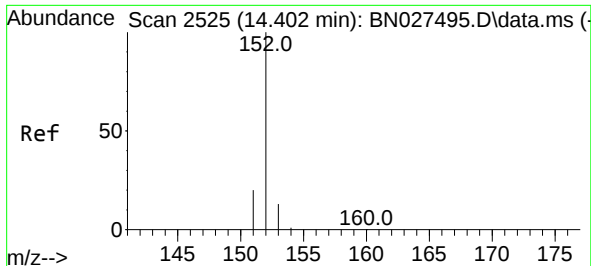
Tgt Ion:142 Resp: 13399
Ion Ratio Lower Upper
142 100
141 88.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 2.189 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

Tgt Ion:142 Resp: 150960
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4

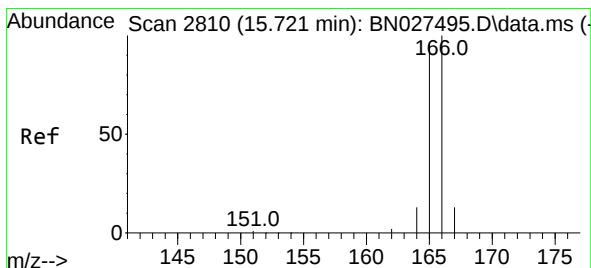
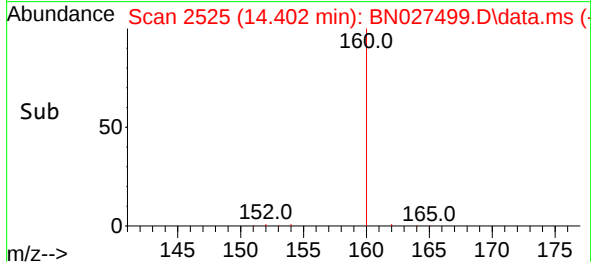
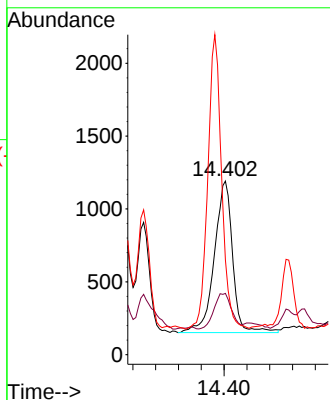
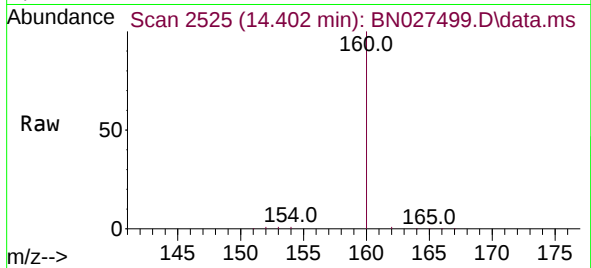




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.402 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

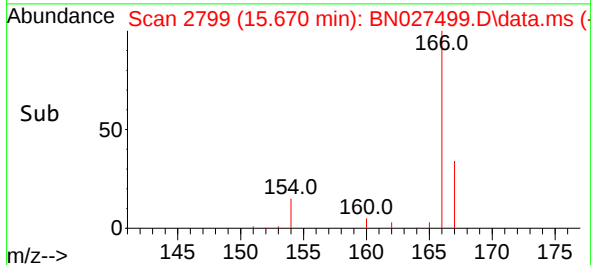
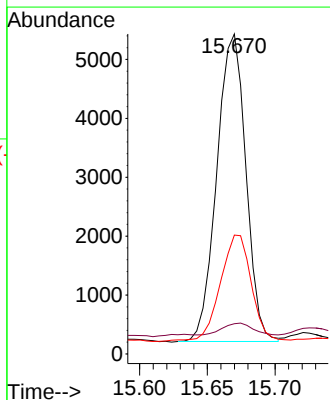
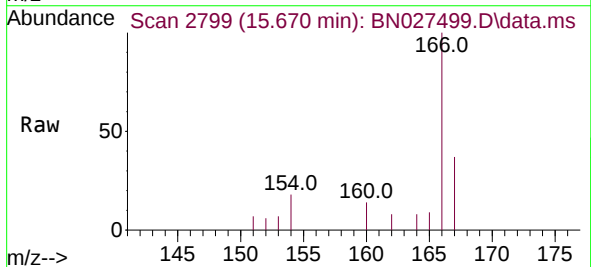
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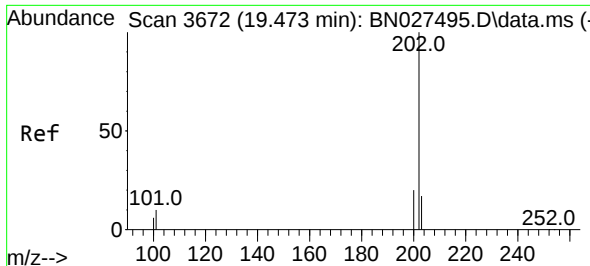
Tgt Ion:152 Resp: 2326
Ion Ratio Lower Upper
152 100
151 35.3 16.3 24.5#
153 54.7 11.1 16.7#



#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.670 min Scan# 2799
Delta R.T. -0.055 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

Tgt Ion:166 Resp: 7786
Ion Ratio Lower Upper
166 100
165 9.5 79.6 119.4#
167 37.2 11.4 17.0#

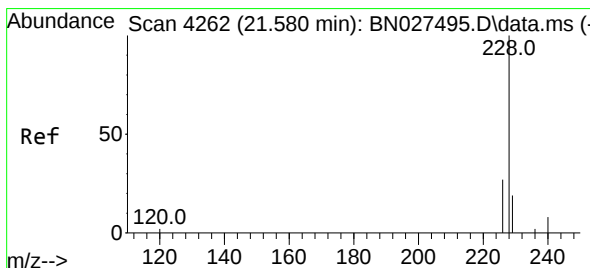
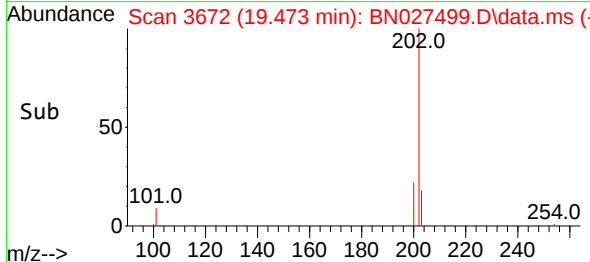
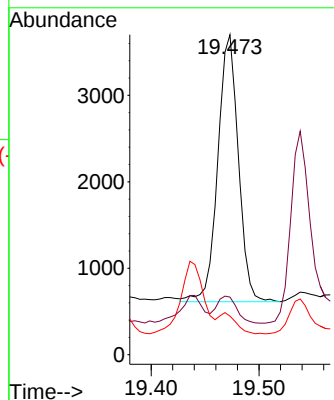
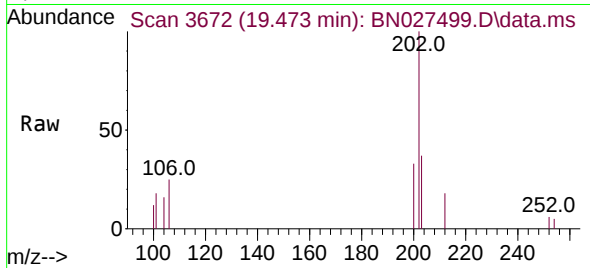




#19
Fluoranthene
Concen: 0.023 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

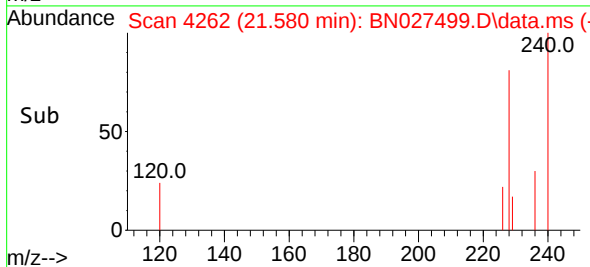
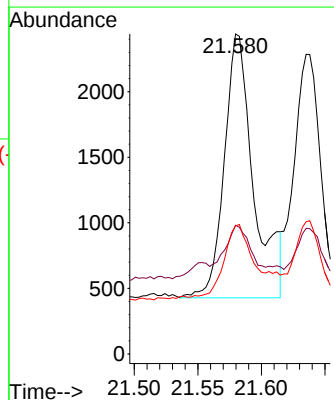
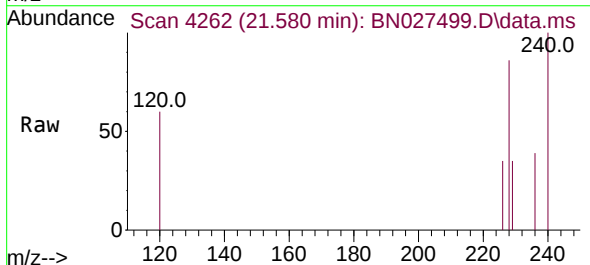
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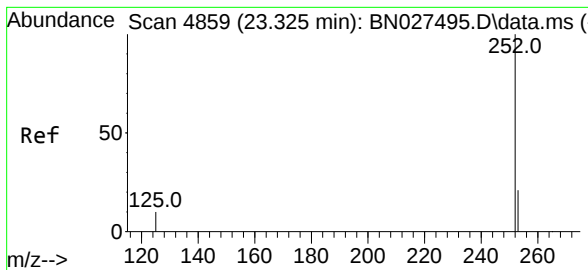
Tgt Ion:202 Resp: 4100
Ion Ratio Lower Upper
202 100
101 18.0 9.4 14.0#
100 12.1 6.9 10.3#



#21
Benzo(a)anthracene
Concen: 0.023 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. -0.000 min
Lab File: BN027499.D
Acq: 09 Sep 2023 13:29

Tgt Ion:228 Resp: 3214
Ion Ratio Lower Upper
228 100
229 40.2 15.7 23.5#
226 40.0 22.0 33.0#





#24

Benzo(b)fluoranthene

Concen: 0.032 ng/ul

RT: 23.328 min Scan# 4860

Delta R.T. -0.000 min

Lab File: BN027499.D

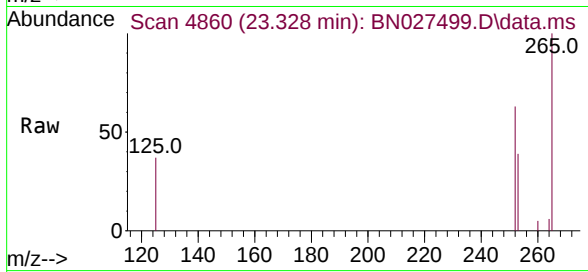
Acq: 09 Sep 2023 13:29

Instrument :

BNA_N

ClientSampleId :

BBKE3



Tgt Ion:252 Resp: 5714

Ion Ratio Lower Upper

252 100

253 61.5 0.0 49.6#

125 58.6 0.0 33.8#

