

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032292.D
 Acq On : 27 Jun 2024 22:31
 Operator : MA/JU
 Sample : P2909-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B46

Quant Time: Jun 28 00:28:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

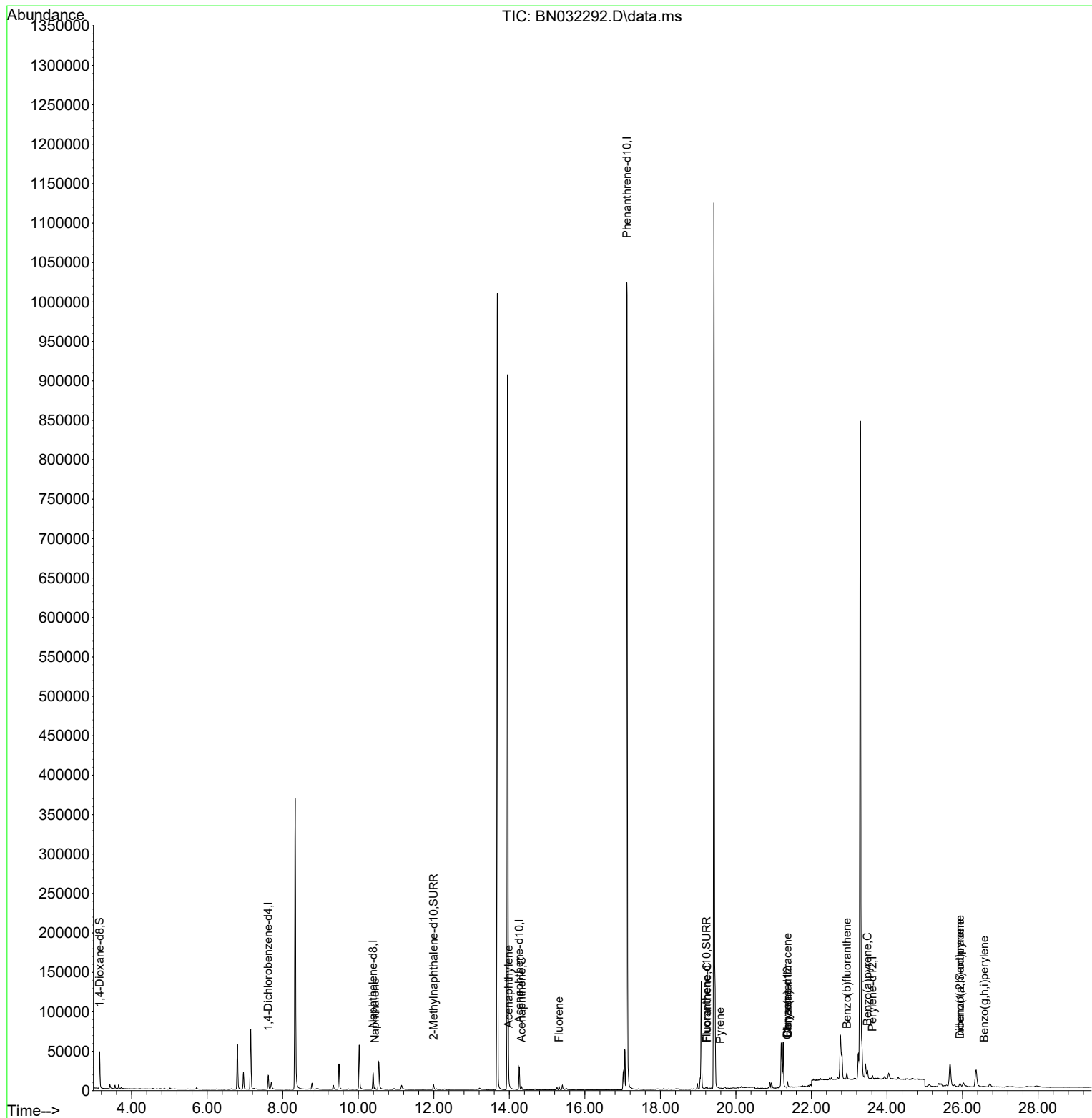
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	9463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	29464	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	16152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.113	188	1228907	0.400	ng/ul	0.09
17) Chrysene-d12	21.361	240	60	0.400	ng/ul	# 0.13
23) Perylene-d12	23.617	264	403	0.400	ng/ul	# 0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	30972	2.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	9262	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.222	212	17	0.094	ng/ul	0.16
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	2852	0.037	ng/ul#	87
10) Acenaphthylene	13.985	152	3983	0.059	ng/ul#	92
11) Acenaphthene	14.327	153	2219	0.043	ng/ul	97
12) Fluorene	15.317	166	2831	0.046	ng/ul#	98
19) Fluoranthene	19.236	202	2389	10.456	ng/ul#	69
20) Pyrene	19.580	202	42	0.176	ng/ul#	1
21) Benzo(a)anthracene	21.369	228	5867	27.092	ng/ul#	40
22) Chrysene	21.369	228	5891	24.785	ng/ul#	43
24) Benzo(b)fluoranthene	22.936	252	10193	5.822	ng/ul#	31
26) Benzo(a)pyrene	23.482	252	13538	11.113	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	25.935	276	1675	0.878	ng/ul#	31
28) Dibenzo(a,h)anthracene	25.935	278	6471	4.566	ng/ul#	40
29) Benzo(g,h,i)perylene	26.579	276	875	0.576	ng/ul#	1

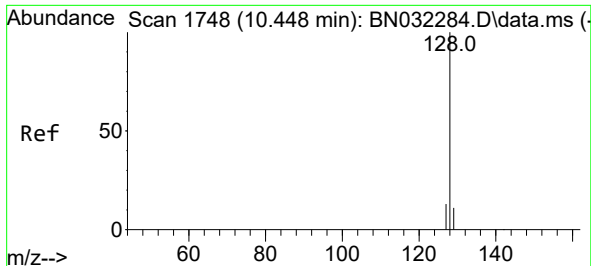
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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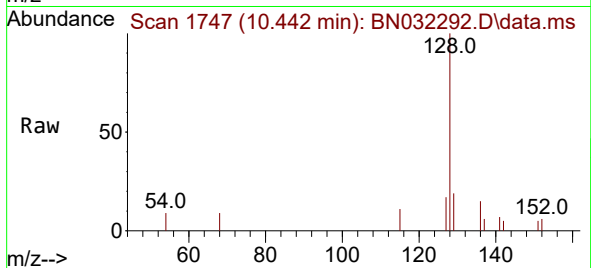
Quant Time: Jun 28 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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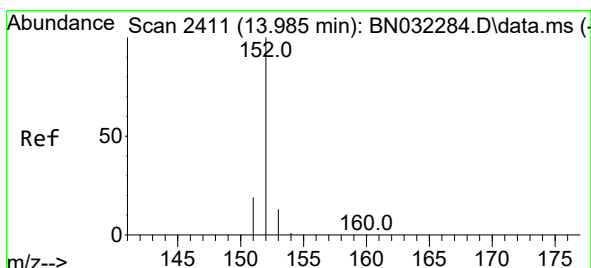
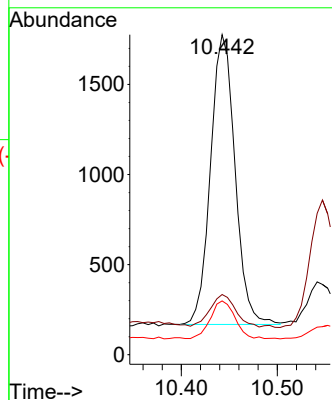
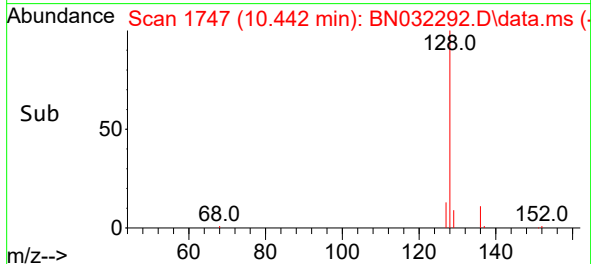


#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Instrument :
BNA_N
ClientSampleId :
A4B46

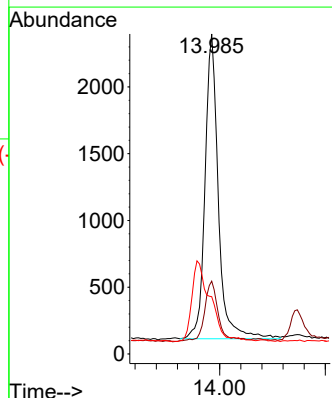
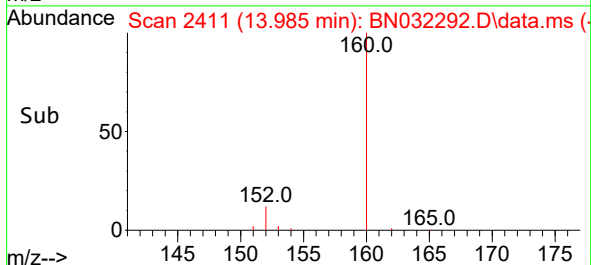
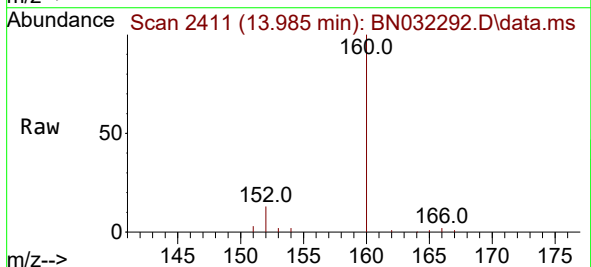


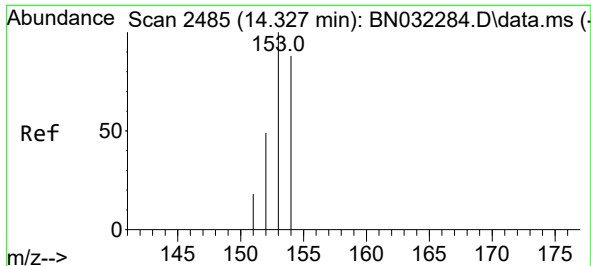
Tgt Ion:128 Resp: 2852
Ion Ratio Lower Upper
128 100
129 18.8 9.2 13.8#
127 16.8 10.8 16.2#



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Tgt Ion:152 Resp: 3983
Ion Ratio Lower Upper
152 100
151 22.7 15.7 23.5
153 17.9 10.9 16.3#

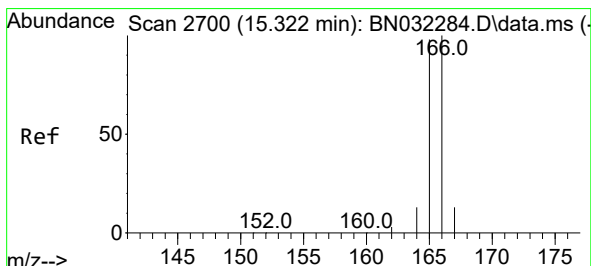
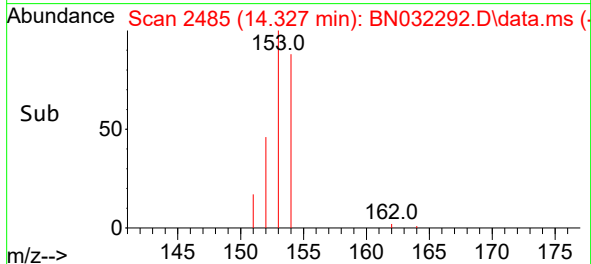
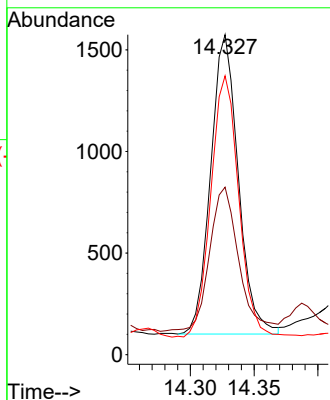
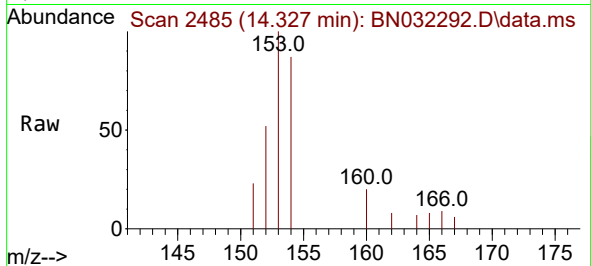




#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

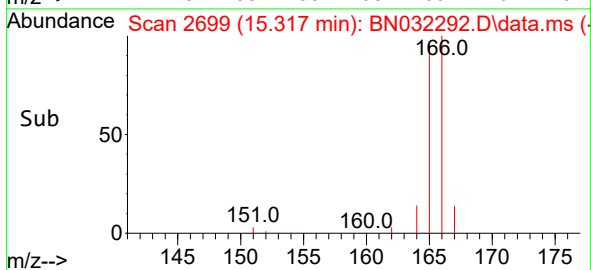
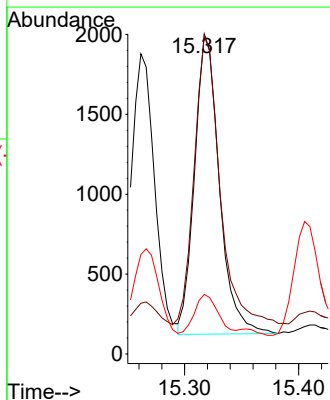
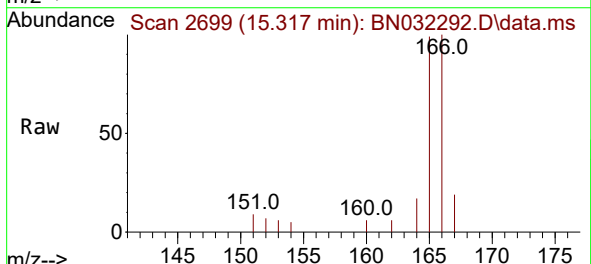
Instrument :
BNA_N
ClientSampleId :
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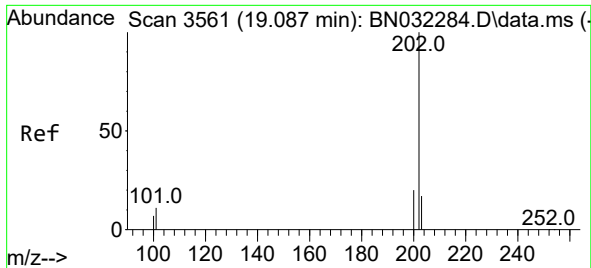
Tgt Ion:153 Resp: 2219
Ion Ratio Lower Upper
153 100
152 52.4 39.5 59.3
154 87.2 71.7 107.5



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Tgt Ion:166 Resp: 2831
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 18.6 11.0 16.6#

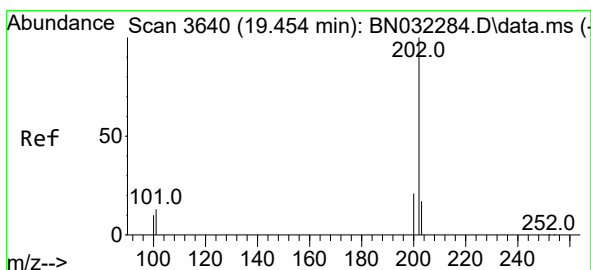
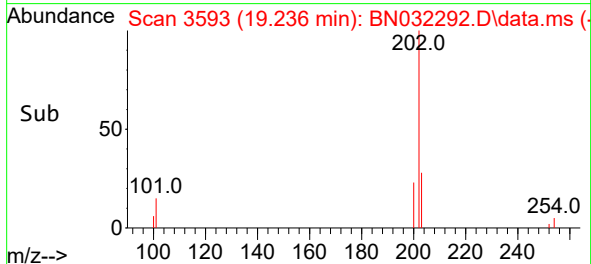
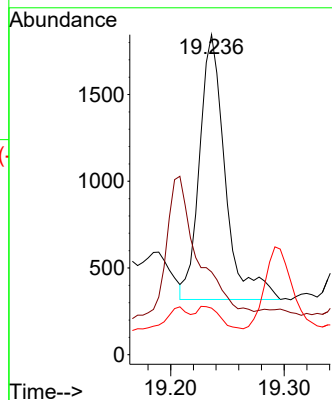
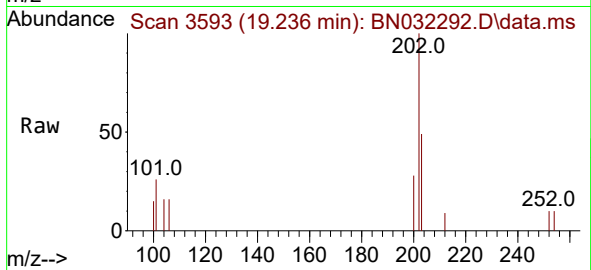




#19
Fluoranthene
Concen: 10.456 ng/ul
RT: 19.236 min Scan# 31
Delta R.T. 0.144 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

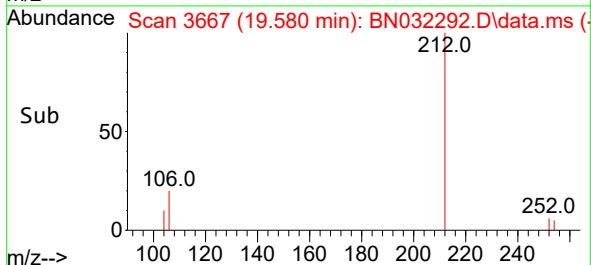
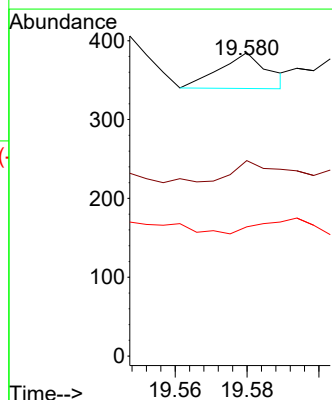
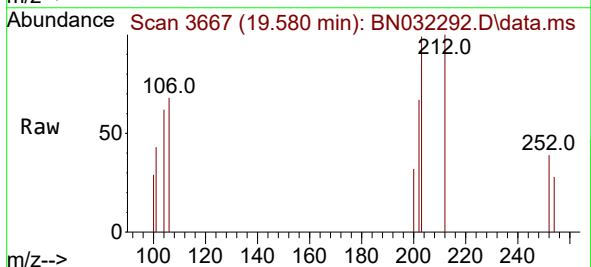
Instrument :
BNA_N
ClientSampleId :
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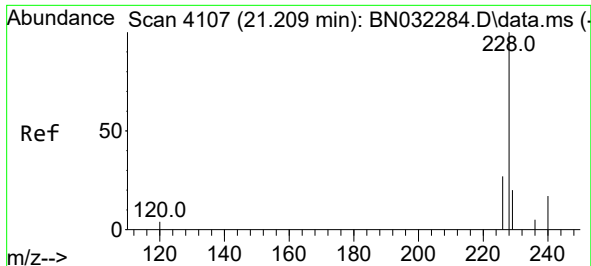
Tgt Ion:202 Resp: 2389
Ion Ratio Lower Upper
202 100
101 25.9 8.8 13.2#
100 14.6 6.4 9.6#



#20
Pyrene
Concen: 0.176 ng/ul
RT: 19.580 min Scan# 3667
Delta R.T. 0.125 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Tgt Ion:202 Resp: 42
Ion Ratio Lower Upper
202 100
101 64.4 11.0 16.4#
100 42.6 8.7 13.1#

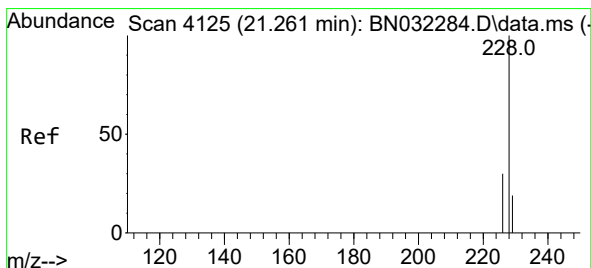
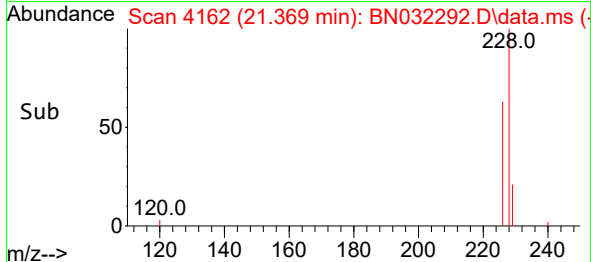
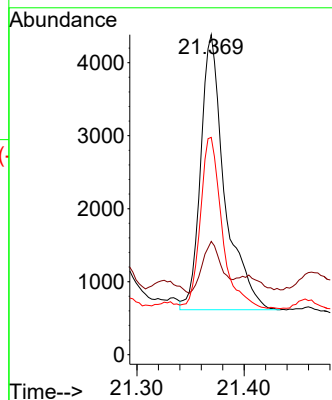
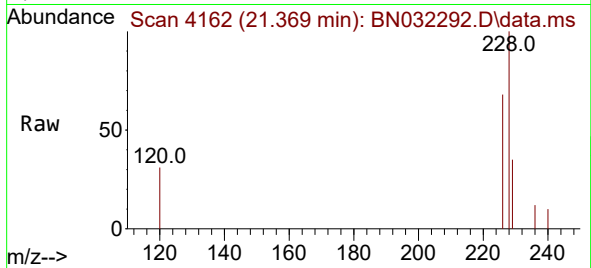




#21
Benzo(a)anthracene
Concen: 27.092 ng/ul
RT: 21.369 min Scan# 4162
Delta R.T. 0.155 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

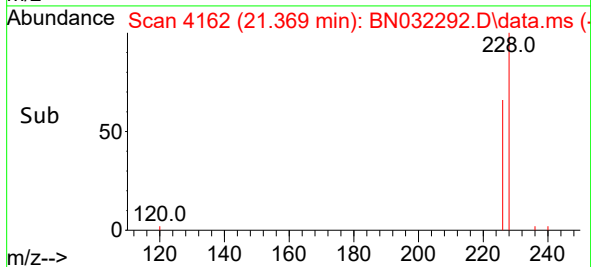
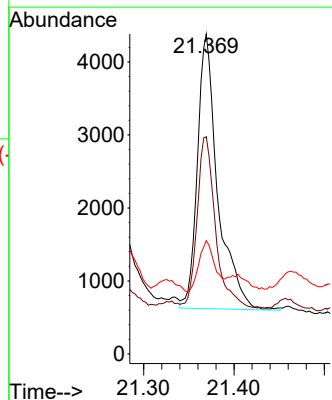
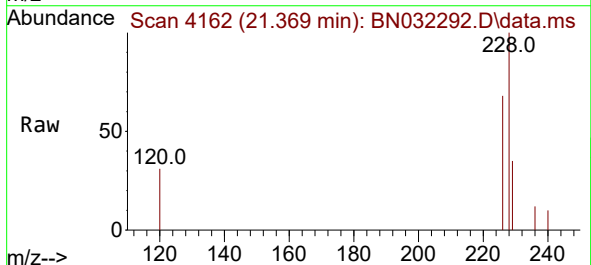
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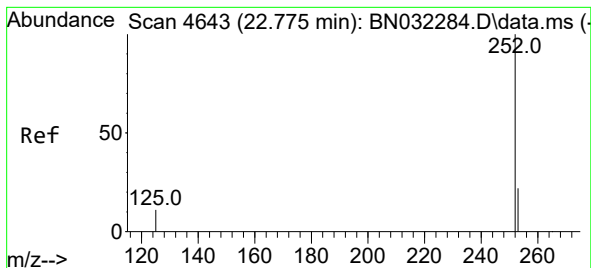
Tgt Ion:228 Resp: 5867
Ion Ratio Lower Upper
228 100
229 35.4 15.7 23.5#
226 67.9 21.8 32.8#



#22
Chrysene
Concen: 24.785 ng/ul
RT: 21.369 min Scan# 4162
Delta R.T. 0.102 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Tgt Ion:228 Resp: 5891
Ion Ratio Lower Upper
228 100
226 67.9 23.6 35.4#
229 35.4 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 5.822 ng/ul

RT: 22.936 min Scan# 4698

Delta R.T. 0.152 min

Lab File: BN032292.D

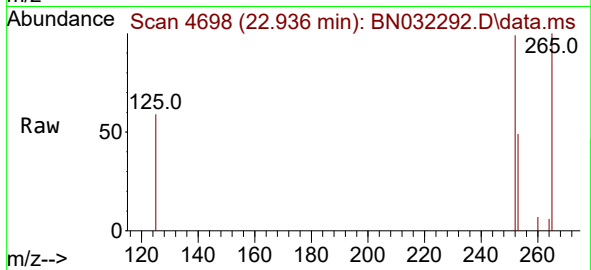
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Instrument :

BNA_N

ClientSampleId :

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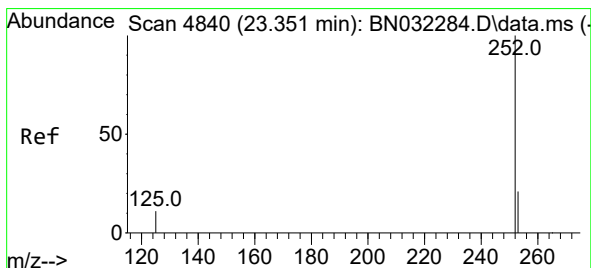
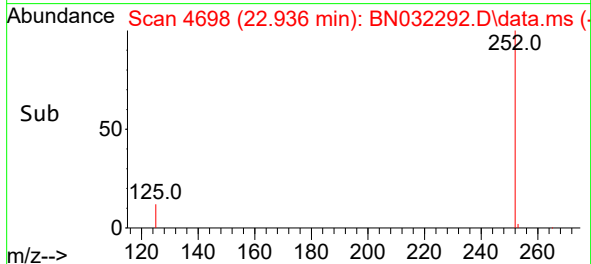
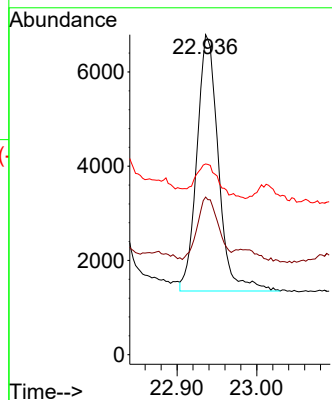
Tgt Ion:252 Resp: 10193

Ion Ratio Lower Upper

252 100

253 49.2 0.0 50.2

125 59.6 0.0 32.0#



#26

Benzo(a)pyrene

Concen: 11.113 ng/ul

RT: 23.482 min Scan# 4885

Delta R.T. 0.123 min

Lab File: BN032292.D

Acq: 27 Jun 2024 22:31

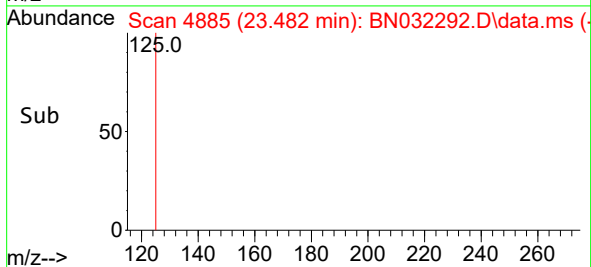
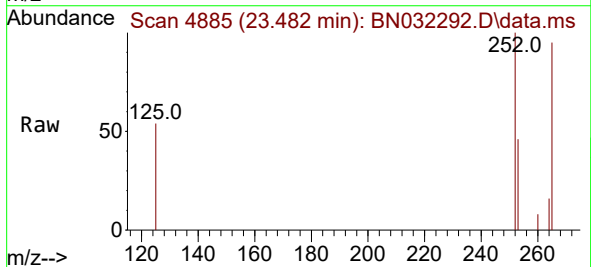
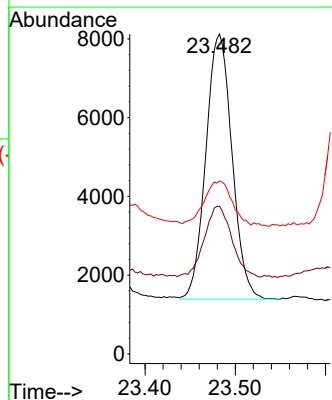
Tgt Ion:252 Resp: 13538

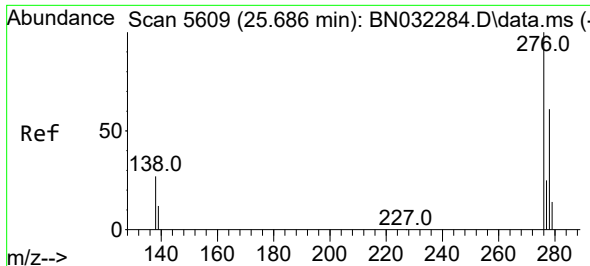
Ion Ratio Lower Upper

252 100

253 46.2 22.2 33.2#

125 54.0 16.4 24.6#

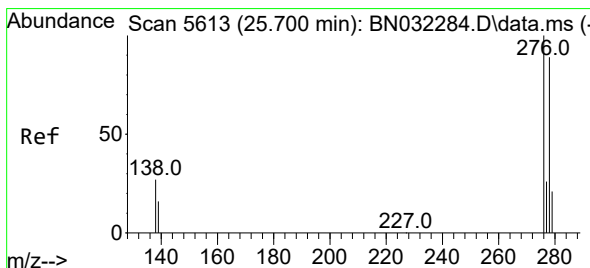
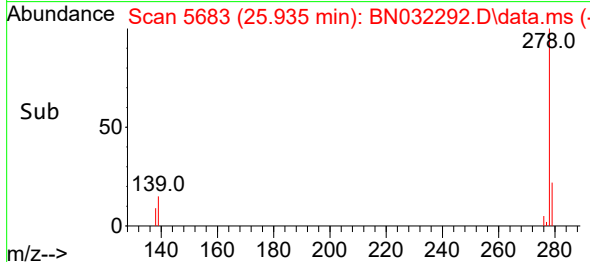
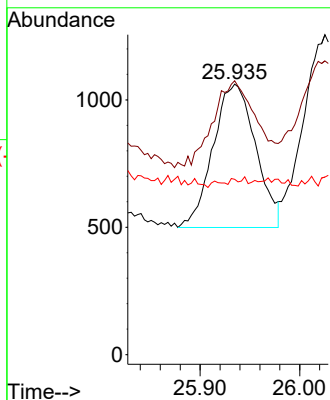
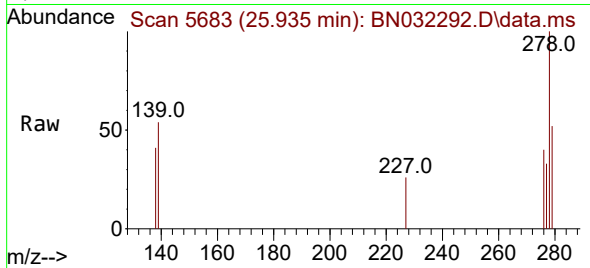




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.878 ng/ul
RT: 25.935 min Scan# 5609
Delta R.T. 0.235 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

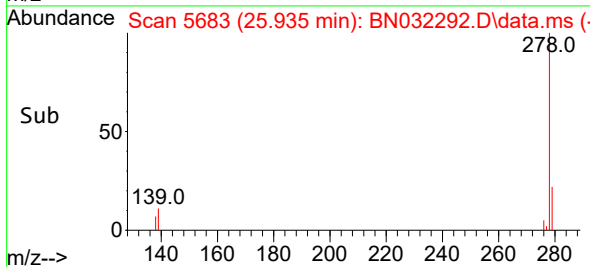
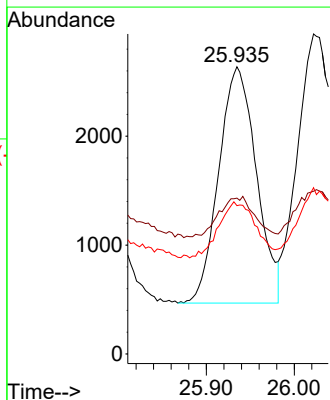
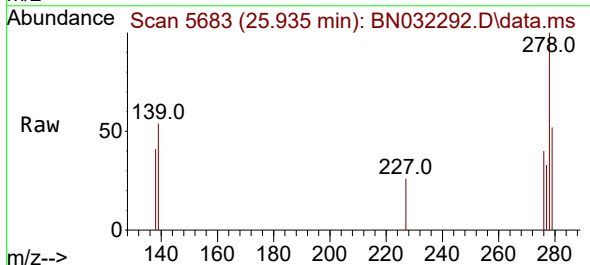
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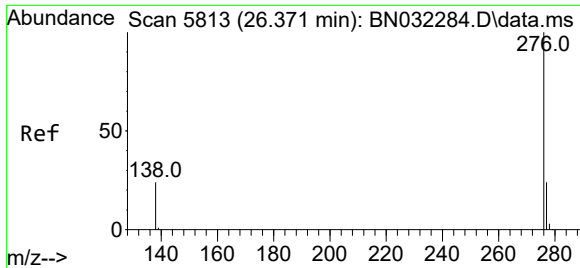
Tgt Ion:276 Resp: 1675
Ion Ratio Lower Upper
276 100
138 62.1 21.3 31.9#
227 1.3 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 4.566 ng/ul
RT: 25.935 min Scan# 5683
Delta R.T. 0.225 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

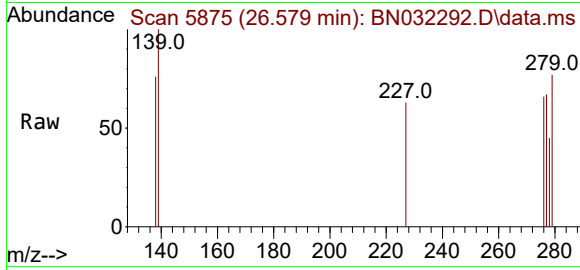
Tgt Ion:278 Resp: 6471
Ion Ratio Lower Upper
278 100
139 54.3 15.9 23.9#
279 51.7 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.576 ng/ul
 RT: 26.579 min Scan# 51
 Delta R.T. 0.198 min
 Lab File: BN032292.D
 Acq: 27 Jun 2024 22:31

Instrument :
 BNA_N
 ClientSampleId :
 A4B46



Tgt Ion: 276 Resp: 875
 Ion Ratio Lower Upper
 276 100
 138 114.2 19.8 29.6#
 277 100.4 19.8 29.6#

