

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033004.D
 Acq On : 26 Jul 2024 19:27
 Operator : MA/JU
 Sample : P3264-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CL9

Quant Time: Jul 26 23:33:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

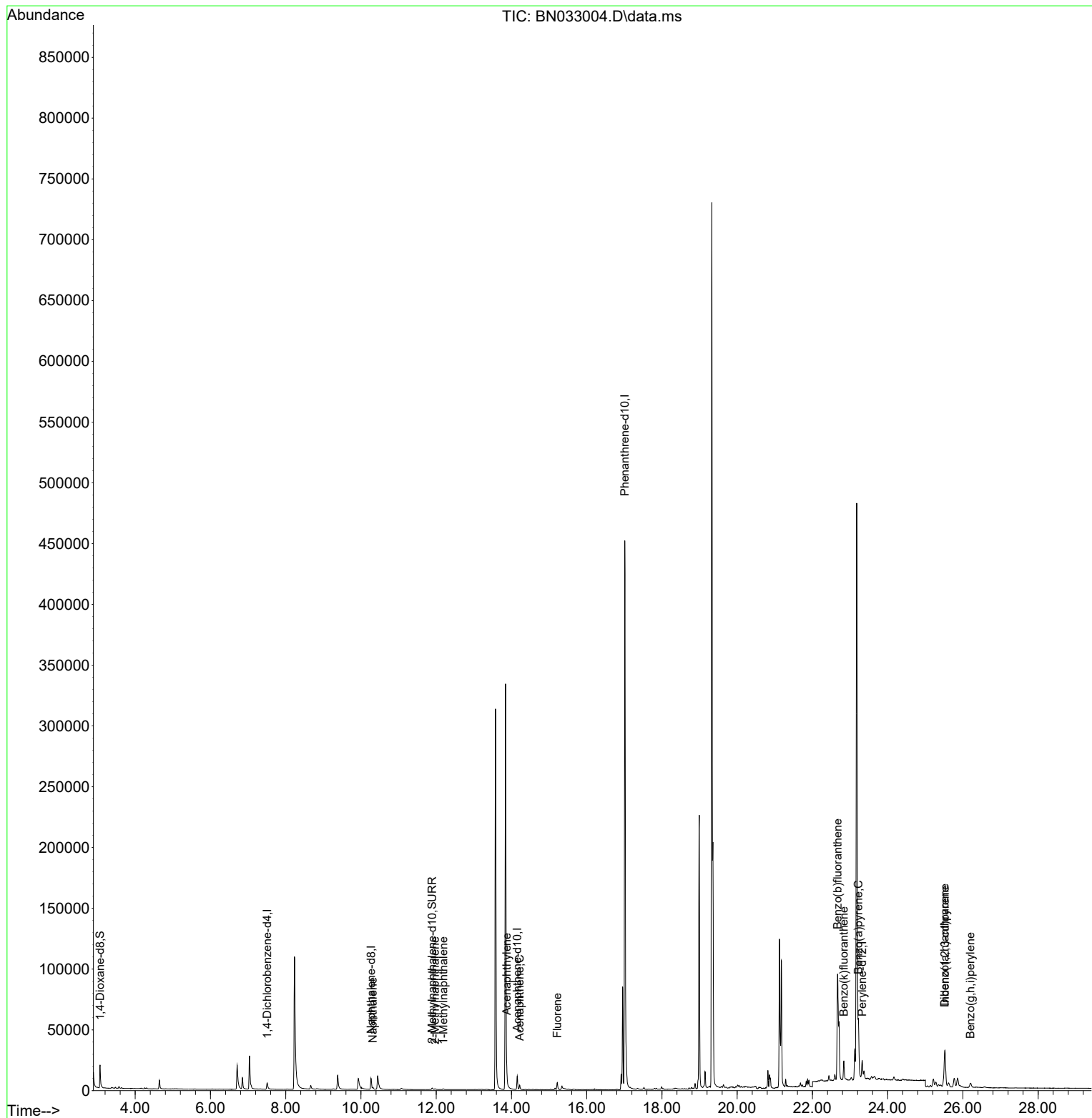
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3952	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.267	136	13825	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.152	164	6701	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.013	188	548146	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.16
23) Perylene-d12	23.323	264	24077	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	13319	2.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	2920	0.129	ng/ul	-0.02
18) Fluoranthene-d10	18.958	212	7596	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.317	128	2116	0.060	ng/ul#	92
7) 2-Methylnaphthalene	11.967	142	738	0.031	ng/ul	96
8) 1-Methylnaphthalene	12.187	142	682	0.026	ng/ul	97
10) Acenaphthylene	13.870	152	9871	0.360	ng/ul	100
11) Acenaphthene	14.217	153	2405	0.117	ng/ul	99
12) Fluorene	15.216	166	4622	0.192	ng/ul	99
24) Benzo(b)fluoranthene	22.668	252	197297	2.805	ng/ul	83
25) Benzo(k)fluoranthene	22.831	252	20233	0.240	ng/ul	98
26) Benzo(a)pyrene	23.220	252	58357	0.882	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.520	276	49289	0.490	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.514	278	15406	0.193	ng/ul	95
29) Benzo(g,h,i)perylene	26.201	276	7076	0.088	ng/ul#	84

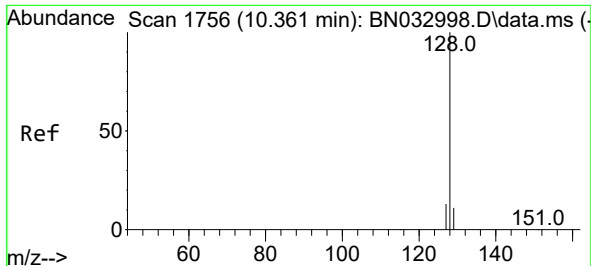
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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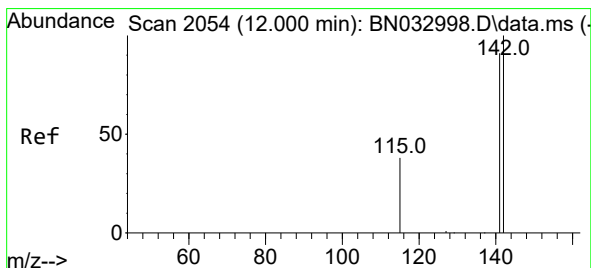
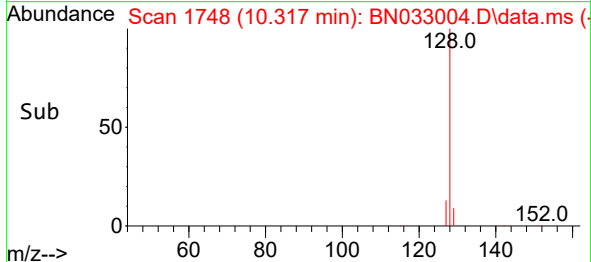
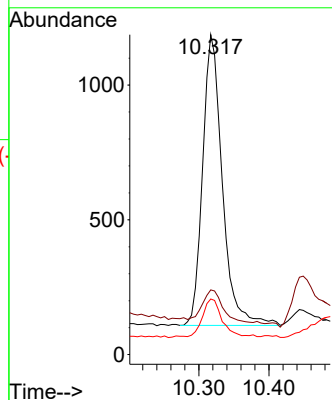
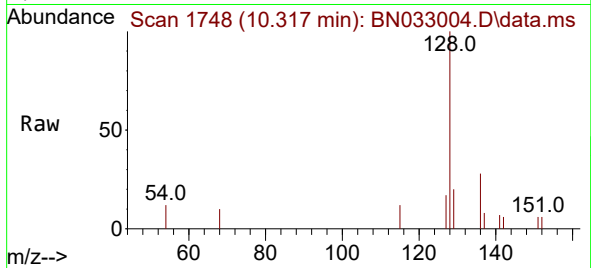




#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.033 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

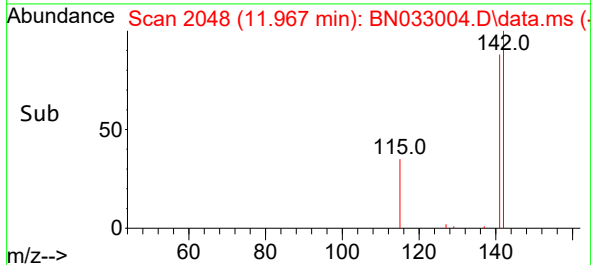
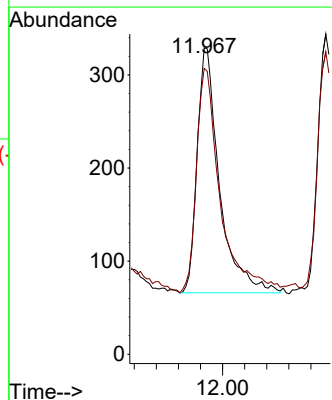
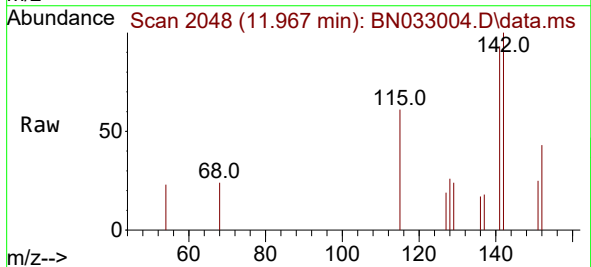
Instrument :
BNA_N
ClientSampleId :
A4CL9

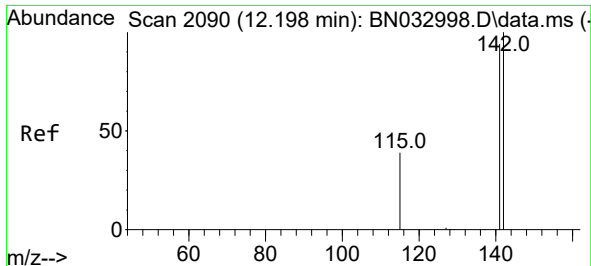
Tgt Ion:128 Resp: 2116
Ion Ratio Lower Upper
128 100
129 20.2 12.0 18.0#
127 17.4 12.7 19.1



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.967 min Scan# 2048
Delta R.T. -0.016 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

Tgt Ion:142 Resp: 738
Ion Ratio Lower Upper
142 100
141 98.1 75.2 112.8

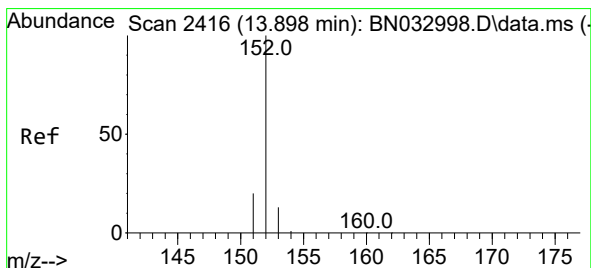
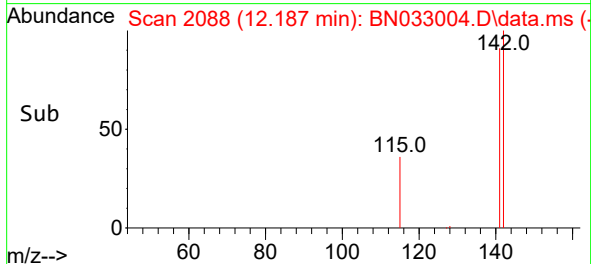
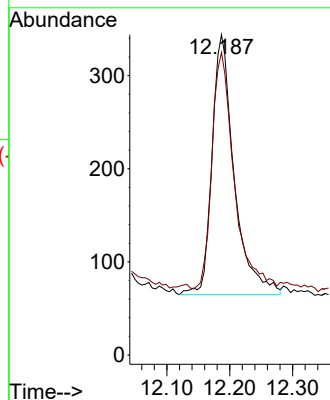
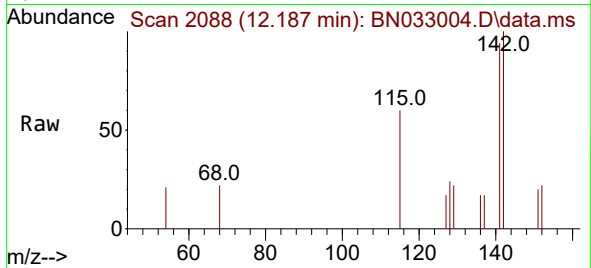




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.187 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

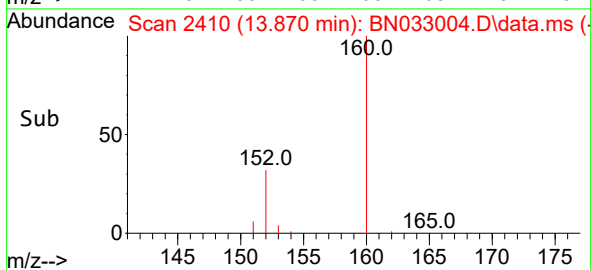
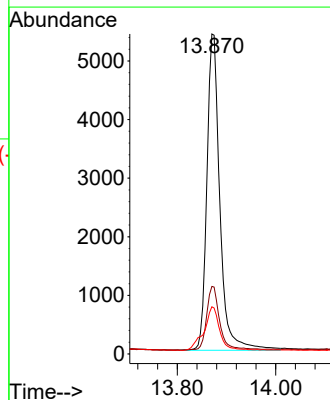
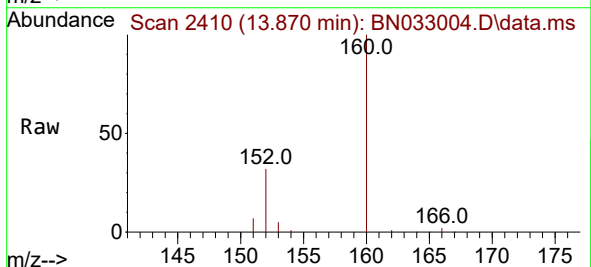
Instrument :
BNA_N
ClientSampleId :
A4CL9

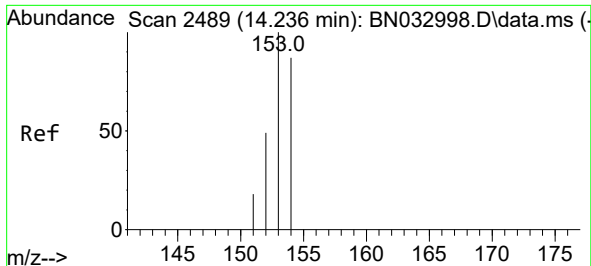
Tgt Ion:142 Resp: 682
Ion Ratio Lower Upper
142 100
141 90.5 74.3 111.5



#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.870 min Scan# 2410
Delta R.T. -0.028 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

Tgt Ion:152 Resp: 9871
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.8 11.9 17.9

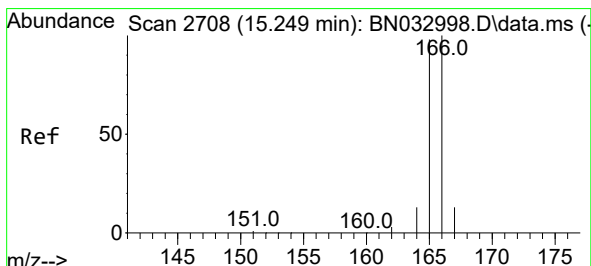
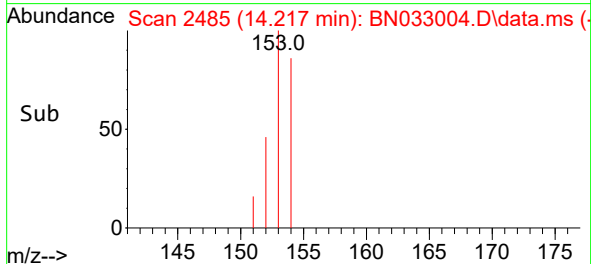
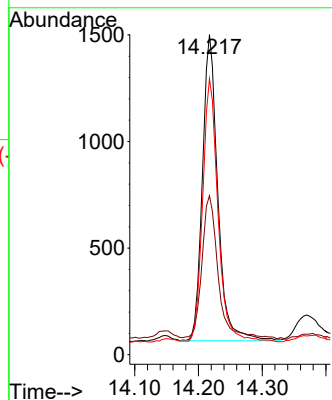
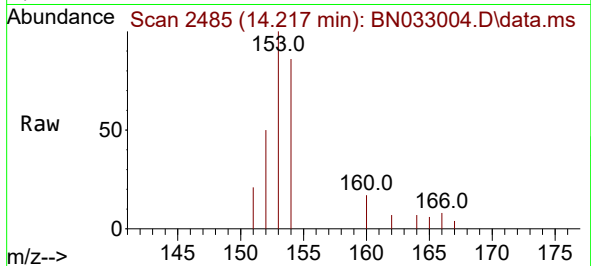




#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.018 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

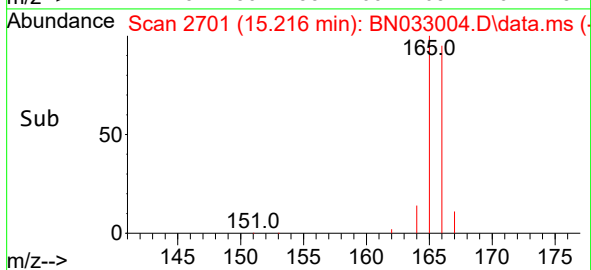
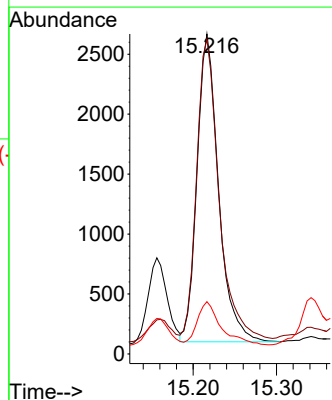
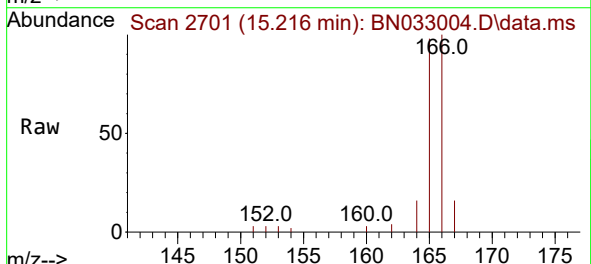
Instrument :
BNA_N
ClientSampleId :
A4CL9

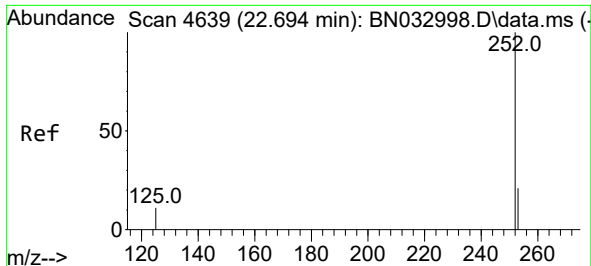
Tgt Ion:153 Resp: 2405
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 86.3 70.1 105.1



#12
Fluorene
Concen: 0.192 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

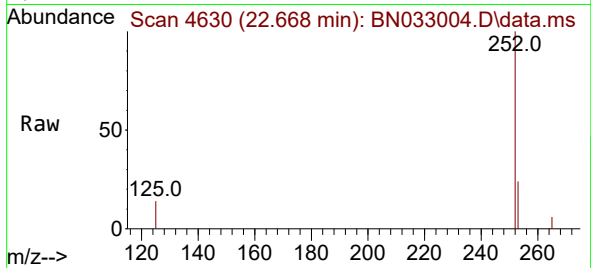
Tgt Ion:166 Resp: 4622
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 16.4 12.2 18.4



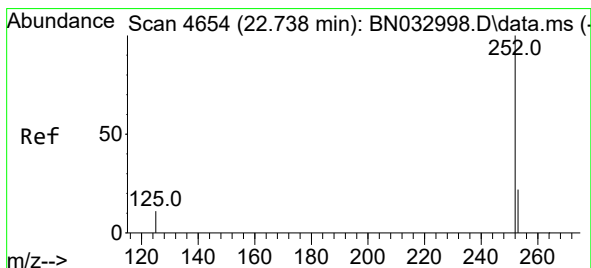
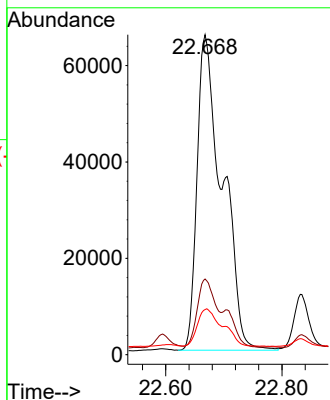


#24
Benzo(b)fluoranthene
Concen: 2.805 ng/ul
RT: 22.668 min Scan# 4630
Delta R.T. -0.026 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

Instrument :
BNA_N
ClientSampleId :
A4CL9

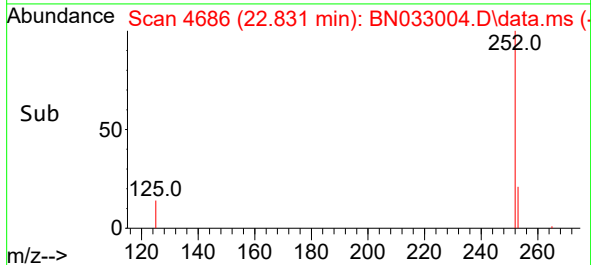
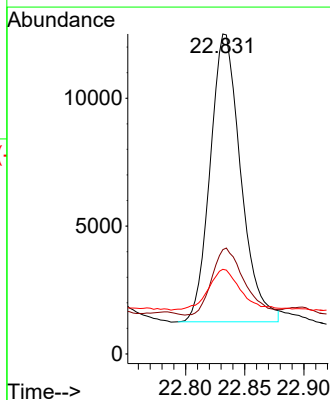
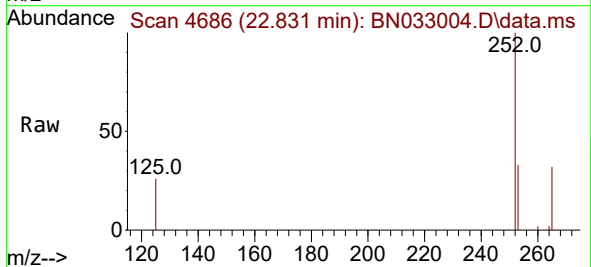


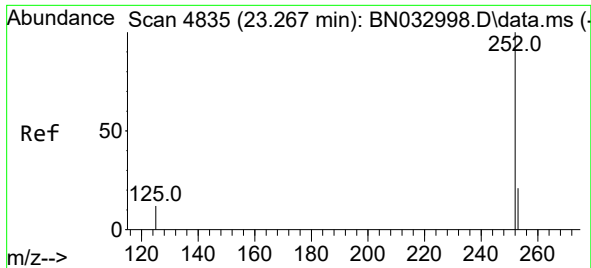
Tgt Ion:252 Resp: 197297
Ion Ratio Lower Upper
252 100
253 23.7 0.0 60.6
125 14.1 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul
RT: 22.831 min Scan# 4686
Delta R.T. 0.097 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

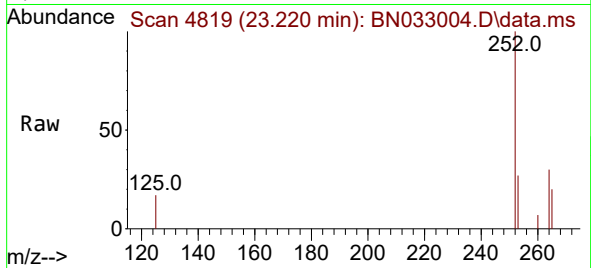
Tgt Ion:252 Resp: 20233
Ion Ratio Lower Upper
252 100
253 32.6 24.9 37.3
125 26.4 20.9 31.3



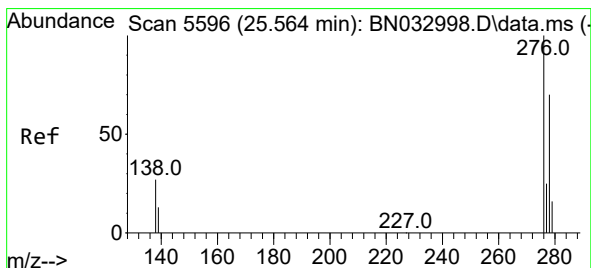
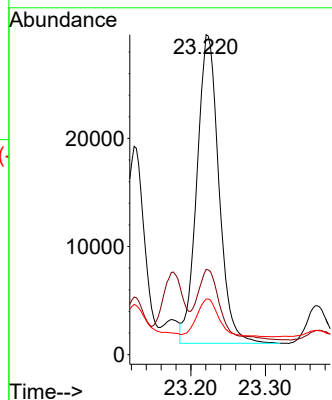
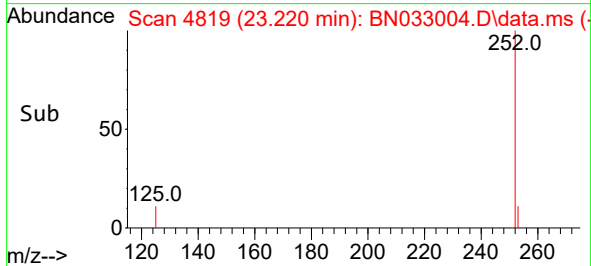


#26
Benzo(a)pyrene
Concen: 0.882 ng/ul
RT: 23.220 min Scan# 41
Delta R.T. -0.041 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

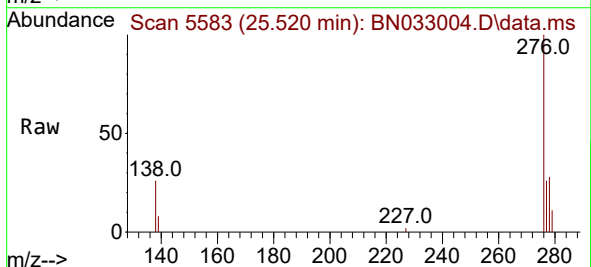
Instrument :
BNA_N
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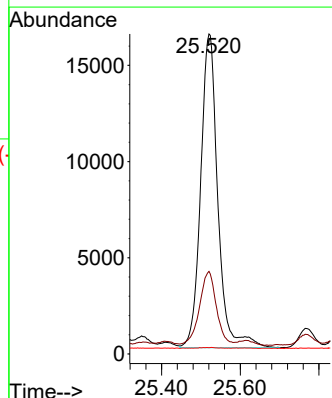
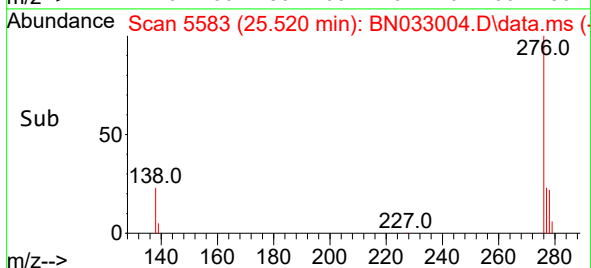
Tgt Ion:252 Resp: 58357
Ion Ratio Lower Upper
252 100
253 26.6 27.5 41.3#
125 17.4 27.0 40.6#

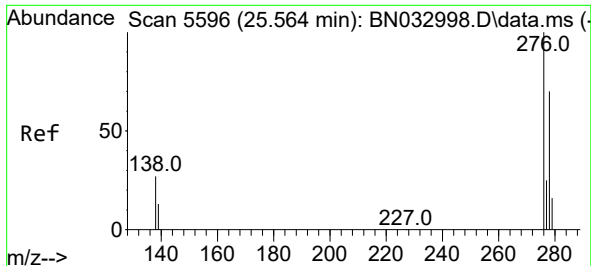


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.490 ng/ul
RT: 25.520 min Scan# 5583
Delta R.T. -0.040 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27



Tgt Ion:276 Resp: 49289
Ion Ratio Lower Upper
276 100
138 22.9 21.8 32.8
227 0.1 0.2 0.2#

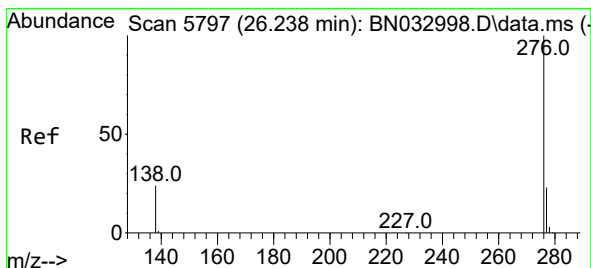
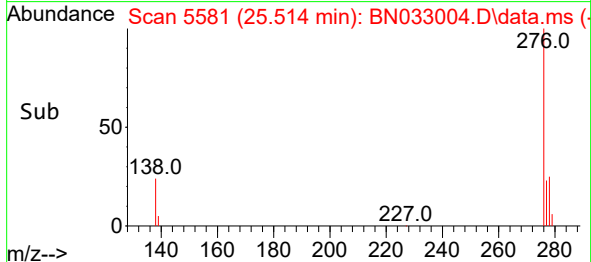
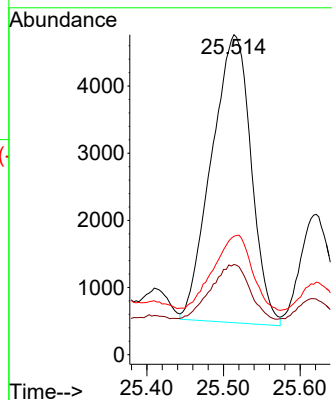
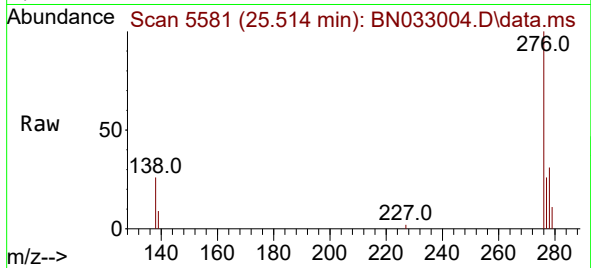




#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.514 min Scan# 514
Delta R.T. -0.047 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

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Tgt Ion:278 Resp: 15406
Ion Ratio Lower Upper
278 100
139 28.2 22.5 33.7
279 37.0 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.088 ng/ul
RT: 26.201 min Scan# 5786
Delta R.T. -0.040 min
Lab File: BN033004.D
Acq: 26 Jul 2024 19:27

Tgt Ion:276 Resp: 7076
Ion Ratio Lower Upper
276 100
138 39.0 24.6 37.0#
277 37.2 22.6 34.0#

