

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028731.D
 Acq On : 18 Nov 2023 09:55
 Operator : MA/JU
 Sample : 05369-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:01:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

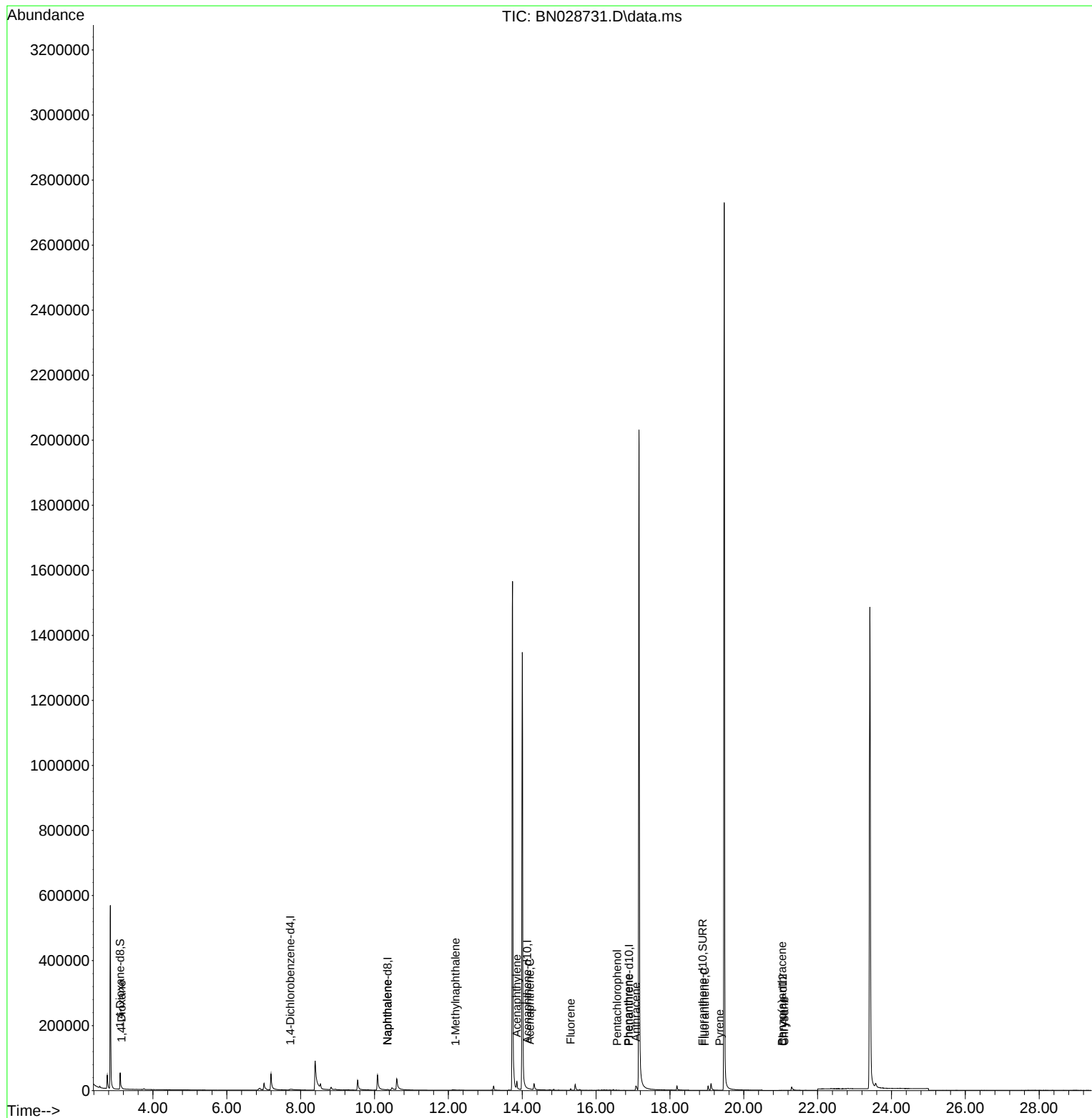
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	3516	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.357	136	747	0.400	ng/ul	#-0.13
9) Acenaphthene-d10	14.139	164	5	0.400	ng/ul	#-0.19
13) Phenanthrene-d10	16.894	188	74	0.400	ng/ul	#-0.20
17) Chrysene-d12	21.054	240	3	0.400	ng/ul	#-0.24
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.58
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	34556	8.893	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.968	152	3	0.003	ng/ul	-0.14
18) Fluoranthene-d10	18.888	212	6	0.621	ng/ul	-0.23
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	1617	0.376	ng/ul#	72
5) Naphthalene	10.351	128	162	0.077	ng/ul#	1
8) 1-Methylnaphthalene	12.193	142	73	0.052	ng/ul#	42
10) Acenaphthylene	13.852	152	520	20.838	ng/ul#	1
11) Acenaphthene	14.208	153	493	26.846	ng/ul#	56
12) Fluorene	15.309	166	3721	174.157	ng/ul#	17
14) Pentachlorophenol	16.569	266	13	0.732	ng/ul#	1
15) Phenanthrene	16.877	178	85	0.374	ng/ul#	1
16) Anthracene	17.080	178	48	0.230	ng/ul#	1
19) Fluoranthene	18.944	202	264	20.691	ng/ul#	1
20) Pyrene	19.348	202	93	7.033	ng/ul#	1
21) Benzo(a)anthracene	21.037	228	4	0.337	ng/ul#	1
22) Chrysene	21.092	228	2	0.172	ng/ul#	1

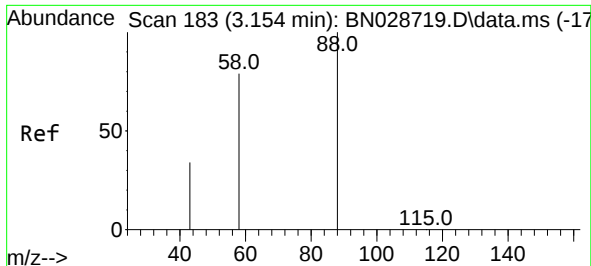
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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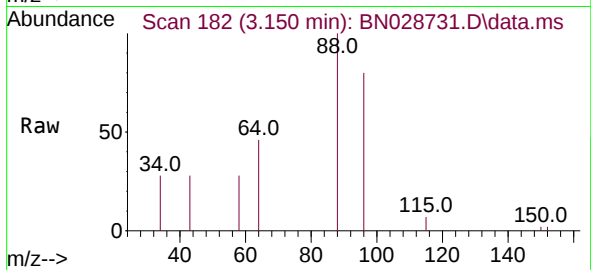
Quant Time: Nov 18 23:01:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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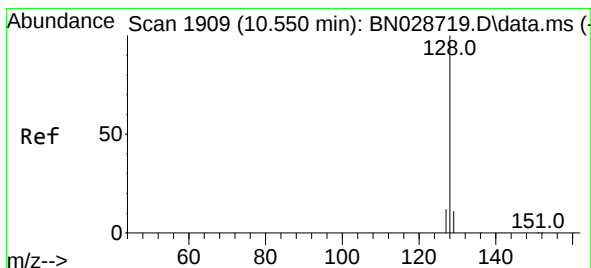
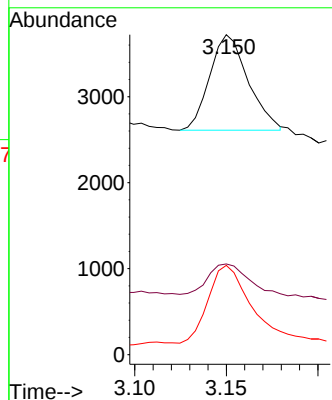
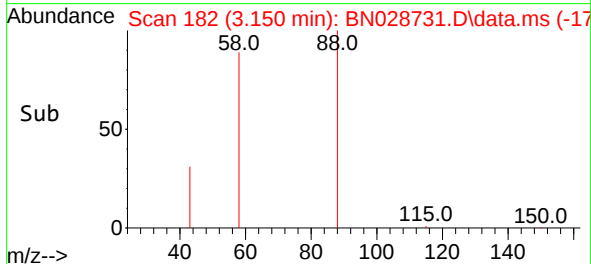


#2
1,4-Dioxane
Concen: 0.376 ng/ul
RT: 3.150 min Scan# 182
Delta R.T. -0.004 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55

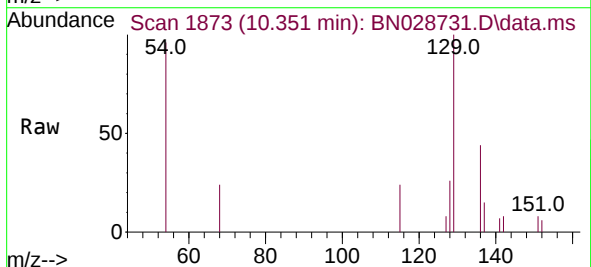
Instrument :
BNA_M
ClientSampleId :



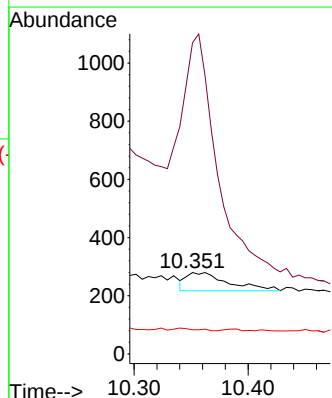
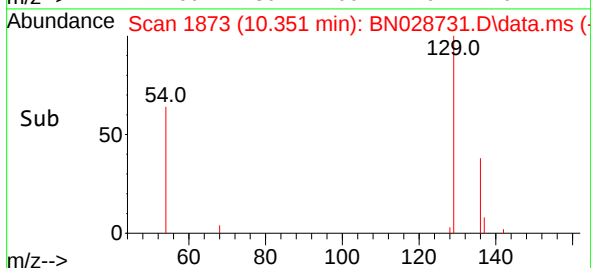
Tgt Ion: 88 Resp: 1617
Ion Ratio Lower Upper
88 100
43 28.4 32.9 49.3#
58 27.9 41.8 62.8#

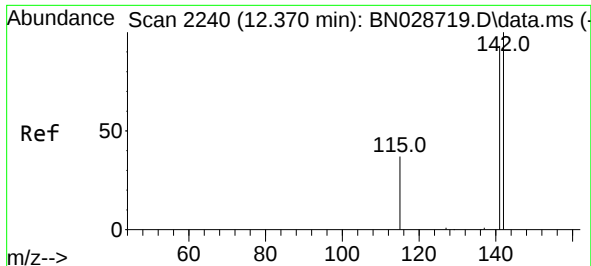


#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.351 min Scan# 1873
Delta R.T. -0.183 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55



Tgt Ion:128 Resp: 162
Ion Ratio Lower Upper
128 100
129 382.1 9.2 13.8#
127 29.6 10.7 16.1#

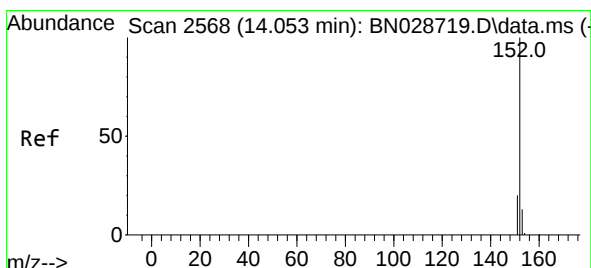
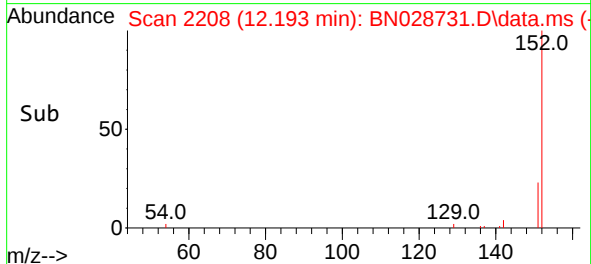
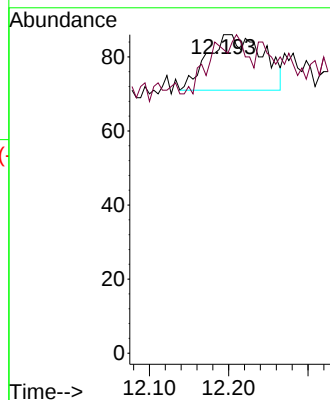
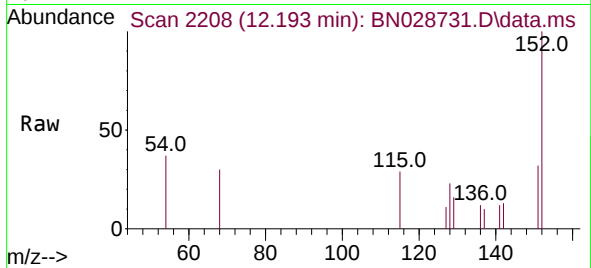




#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.193 min Scan# 21
Delta R.T. -0.172 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55

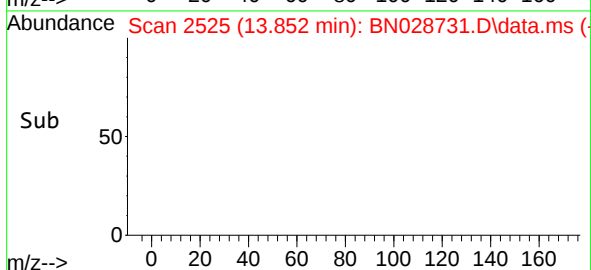
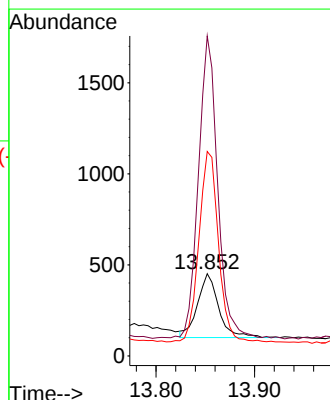
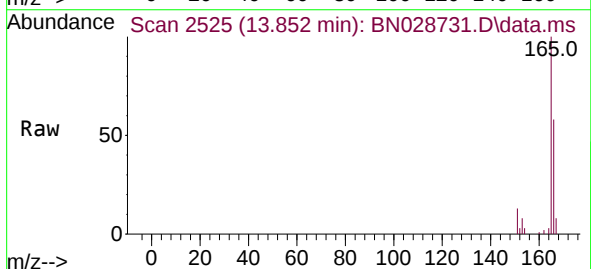
Instrument :
BNA_M
ClientSampleId :

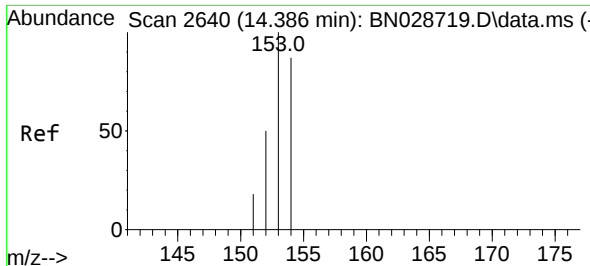
Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
141 37.0 74.1 111.1#



#10
Acenaphthylene
Concen: 20.838 ng/ul
RT: 13.852 min Scan# 2525
Delta R.T. -0.200 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55

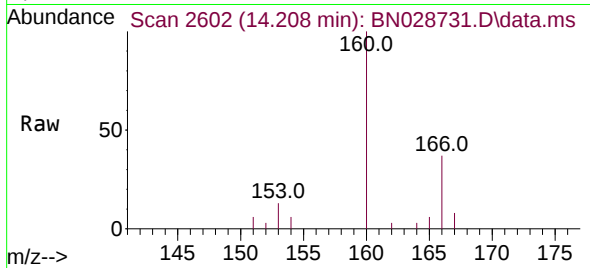
Tgt Ion:152 Resp: 520
Ion Ratio Lower Upper
152 100
151 389.6 16.1 24.1#
153 249.0 10.6 15.8#



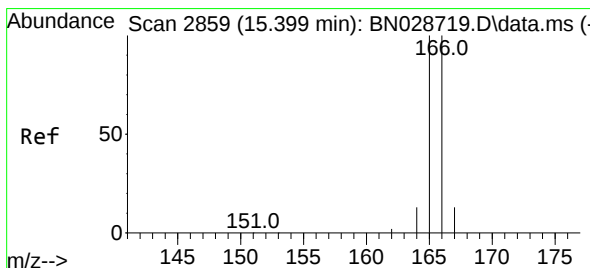
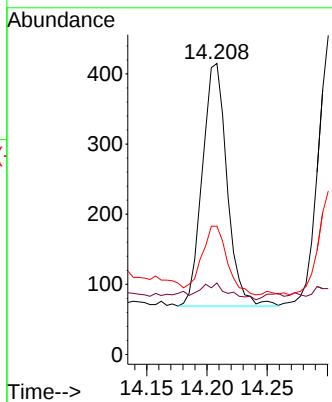
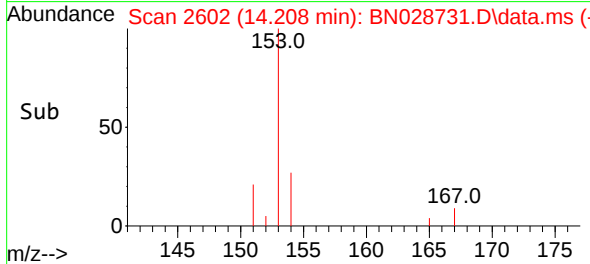


#11
Acenaphthene
Concen: 26.846 ng/ul
RT: 14.208 min Scan# 2062
Delta R.T. -0.182 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55

Instrument :
BNA_M
ClientSampleId :

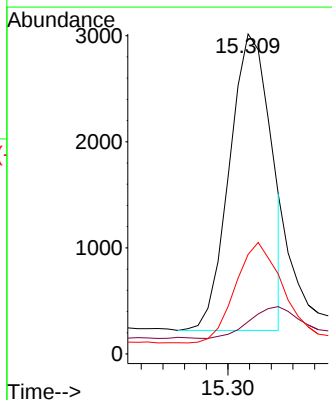
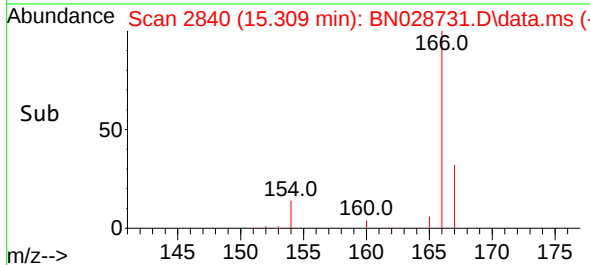
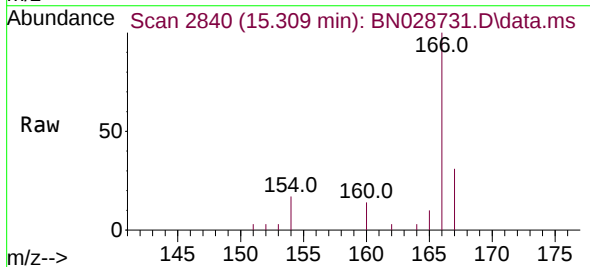


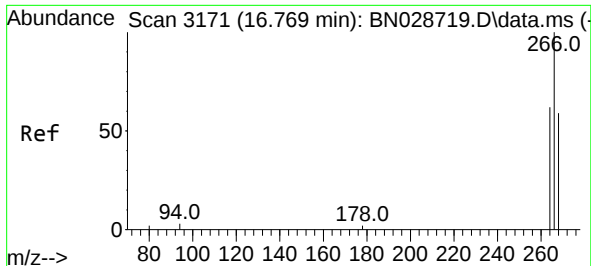
Tgt Ion:153 Resp: 493
Ion Ratio Lower Upper
153 100
152 24.6 39.6 59.4#
154 44.1 71.0 106.6#



#12
Fluorene
Concen: 174.157 ng/ul
RT: 15.309 min Scan# 2840
Delta R.T. -0.084 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55

Tgt Ion:166 Resp: 3721
Ion Ratio Lower Upper
166 100
165 10.1 78.6 118.0#
167 31.1 11.0 16.6#

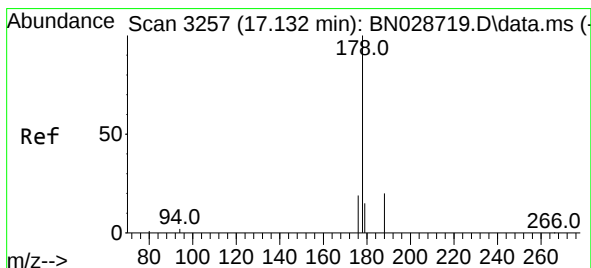
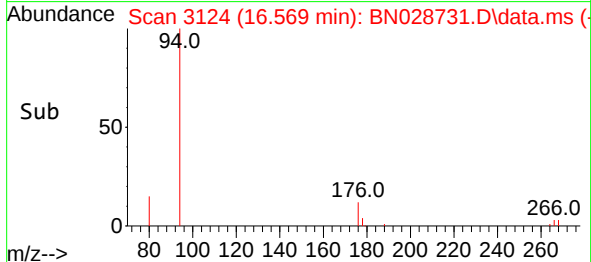
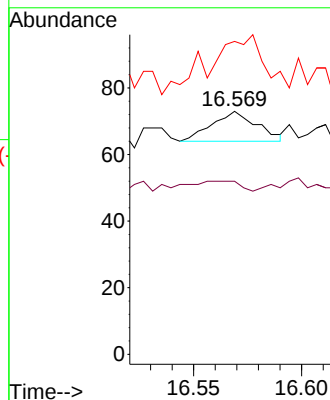
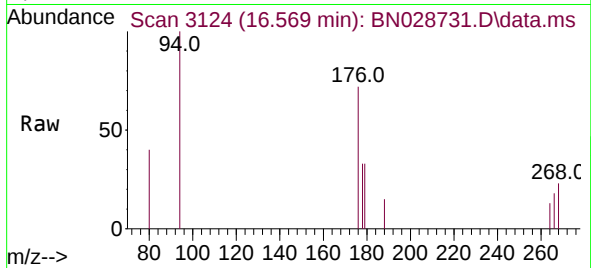




#14
 Pentachlorophenol
 Concen: 0.732 ng/ul
 RT: 16.569 min Scan# 3171
 Delta R.T. -0.179 min
 Lab File: BN028731.D
 Acq: 18 Nov 2023 09:55

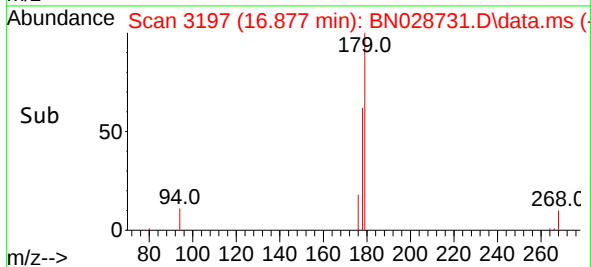
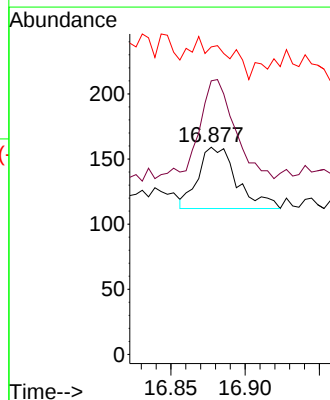
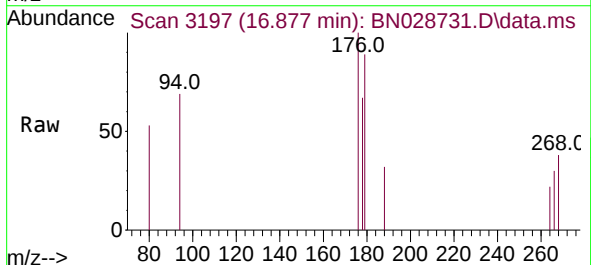
Instrument :
 BNA_M
 ClientSampleId :

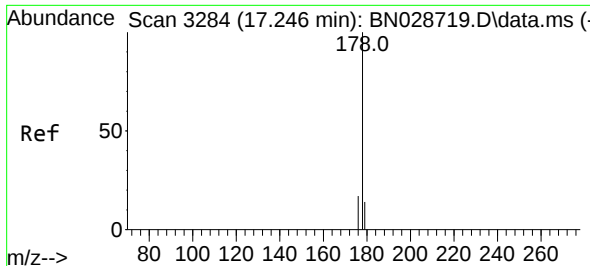
Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.1 75.1#
 268 153.8 50.6 75.8#



#15
 Phenanthrene
 Concen: 0.374 ng/ul
 RT: 16.877 min Scan# 3197
 Delta R.T. -0.255 min
 Lab File: BN028731.D
 Acq: 18 Nov 2023 09:55

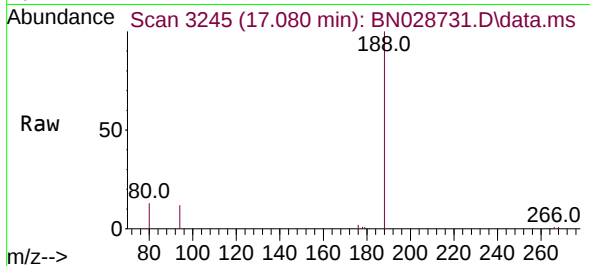
Tgt Ion:178 Resp: 85
 Ion Ratio Lower Upper
 178 100
 179 132.1 12.4 18.6#
 176 148.4 15.4 23.2#



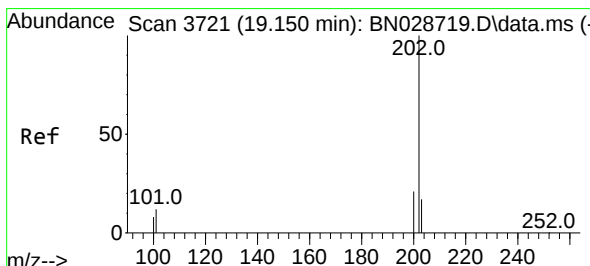
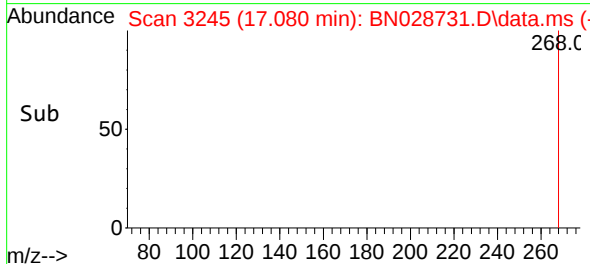
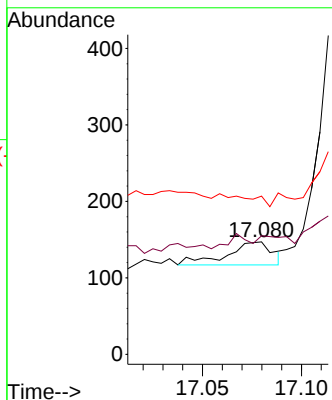


#16
 Anthracene
 Concen: 0.230 ng/ul
 RT: 17.080 min Scan# 31
 Delta R.T. -0.157 min
 Lab File: BN028731.D
 Acq: 18 Nov 2023 09:55

Instrument :
 BNA_M
 ClientSampleId :

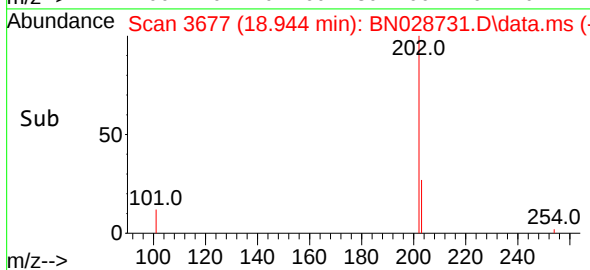
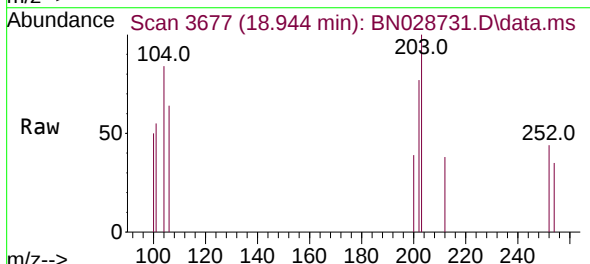
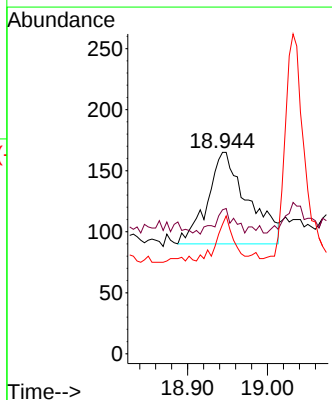


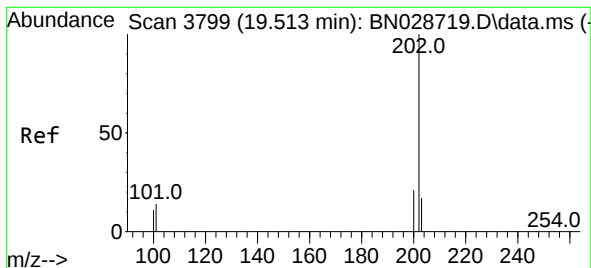
Tgt Ion:178 Resp: 48
 Ion Ratio Lower Upper
 178 100
 179 105.4 12.6 18.8#
 176 140.8 14.9 22.3#



#19
 Fluoranthene
 Concen: 20.691 ng/ul
 RT: 18.944 min Scan# 3677
 Delta R.T. -0.206 min
 Lab File: BN028731.D
 Acq: 18 Nov 2023 09:55

Tgt Ion:202 Resp: 264
 Ion Ratio Lower Upper
 202 100
 101 71.5 9.5 14.3#
 100 64.2 7.2 10.8#





#20

Pyrene

Concen: 7.033 ng/ul

RT: 19.348 min Scan# 31

Delta R.T. -0.164 min

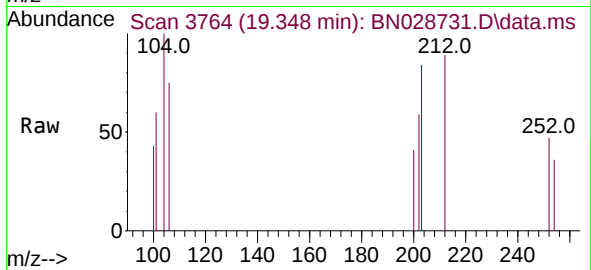
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Acq: 18 Nov 2023 09:55

Instrument :

BNA_M

ClientSampleId :



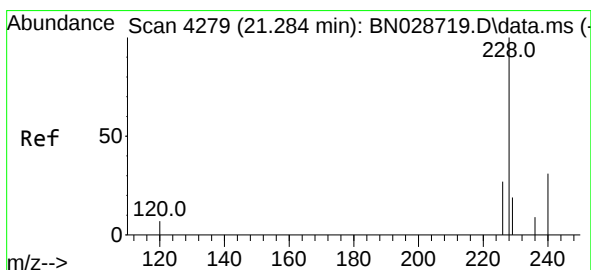
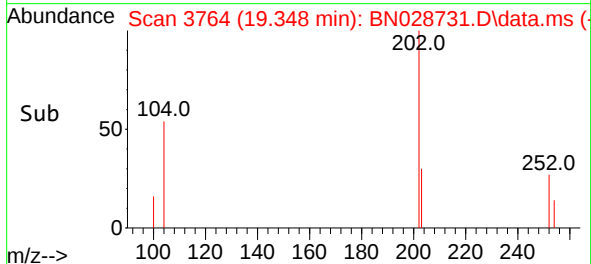
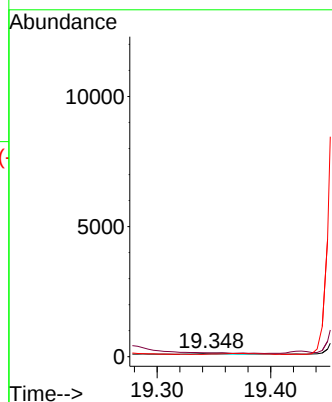
Tgt Ion:202 Resp: 93

Ion Ratio Lower Upper

202 100

101 100.7 10.3 15.5#

100 73.2 8.2 12.2#



#21

Benzo(a)anthracene

Concen: 0.337 ng/ul

RT: 21.037 min Scan# 4195

Delta R.T. -0.244 min

Lab File: BN028731.D

Acq: 18 Nov 2023 09:55

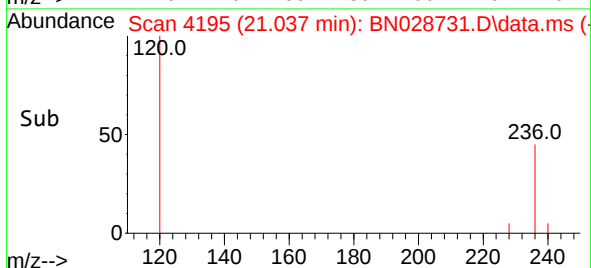
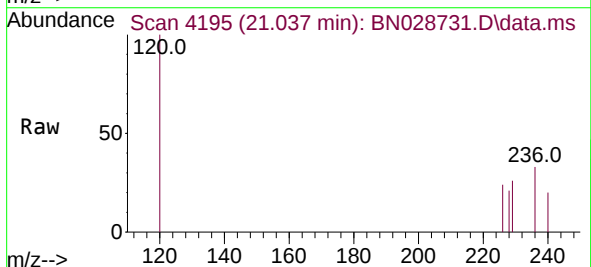
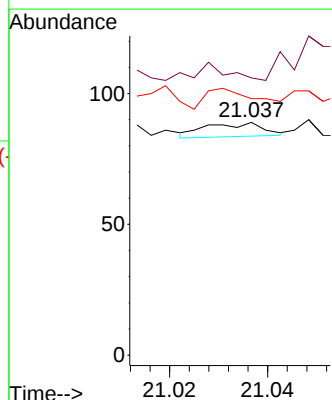
Tgt Ion:228 Resp: 4

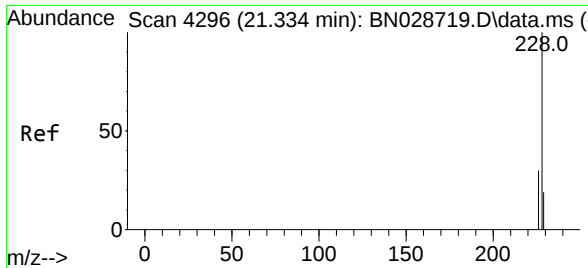
Ion Ratio Lower Upper

228 100

229 119.1 15.7 23.5#

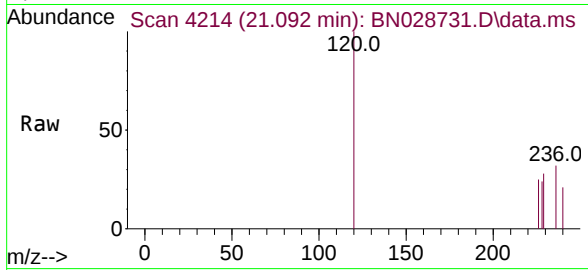
226 110.1 21.4 32.0#





#22
Chrysene
Concen: 0.172 ng/ul
RT: 21.092 min Scan# 41
Delta R.T. -0.241 min
Lab File: BN028731.D
Acq: 18 Nov 2023 09:55

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:228 Resp: 2

Ion	Ratio	Lower	Upper
228	100		
226	107.4	23.8	35.8#
229	117.0	15.4	23.2#

