

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023349.D
 Acq On : 22 Dec 2022 21:12
 Operator : CG/JU
 Sample : N6003-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ1

Quant Time: Dec 22 23:55:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

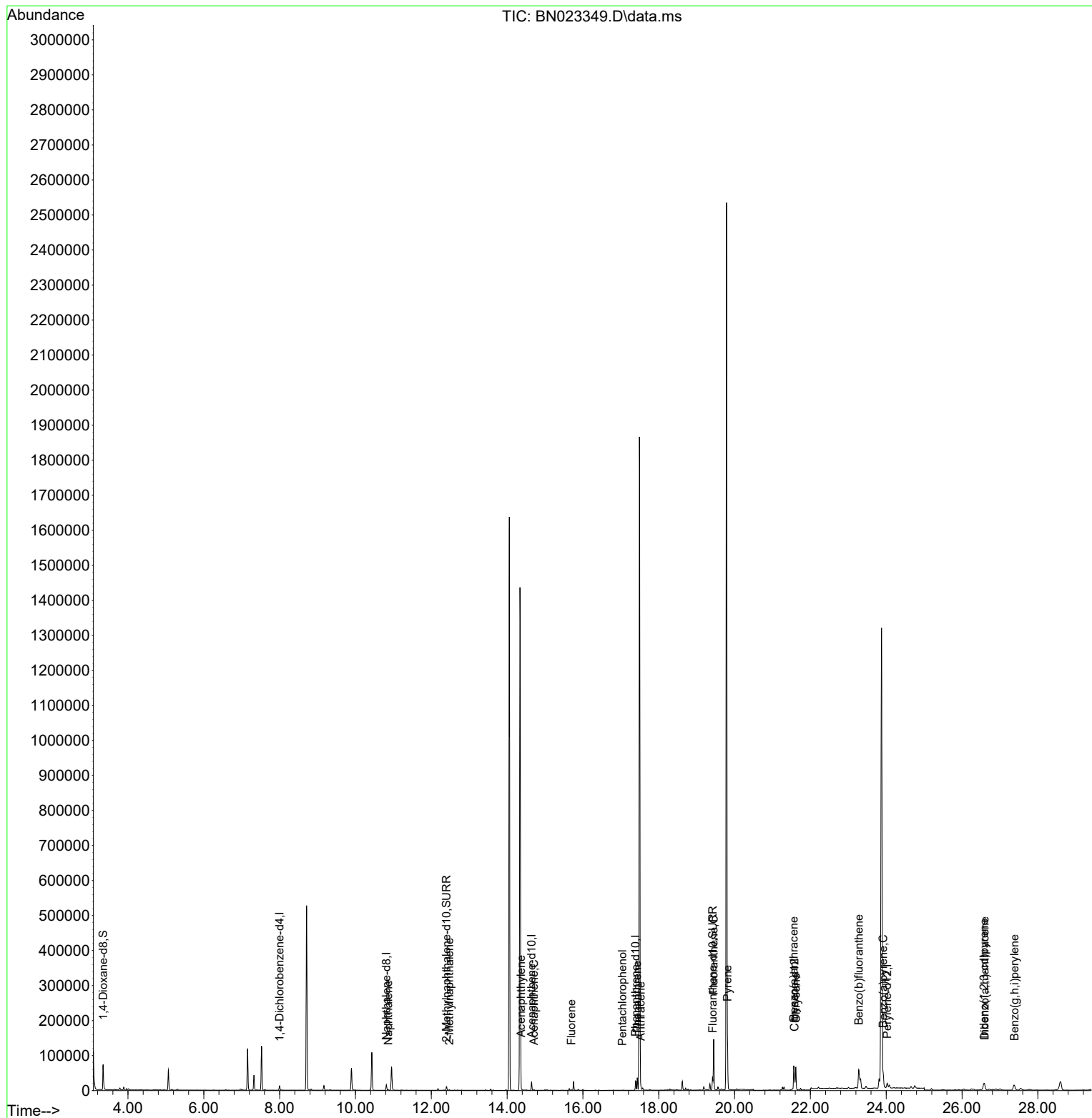
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	20090	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	12257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	29320	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	23978	0.400	ng/ul	0.00
23) Perylene-d12	24.030	264	19657	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	47741	7.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	13877	0.447	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	35816	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	2121	0.036	ng/ul#	88
7) 2-Methylnaphthalene	12.476	142	1036	0.027	ng/ul	99
10) Acenaphthylene	14.368	152	2239	0.041	ng/ul#	86
11) Acenaphthene	14.705	153	1119	0.024	ng/ul	98
12) Fluorene	15.695	166	1034	0.020	ng/ul#	96
14) Pentachlorophenol	17.040	266	329	0.040	ng/ul	99
15) Phenanthrene	17.432	178	35289	0.370	ng/ul	100
16) Anthracene	17.525	178	4935	0.062	ng/ul#	93
19) Fluoranthene	19.448	202	114460	0.984	ng/ul	97
20) Pyrene	19.815	202	89682	0.765	ng/ul	98
21) Benzo(a)anthracene	21.560	228	56361	0.604	ng/ul	98
22) Chrysene	21.616	228	67854	0.715	ng/ul	98
24) Benzo(b)fluoranthene	23.276	252	118677	1.167	ng/ul	94
26) Benzo(a)pyrene	23.919	252	47077	0.585	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.580	276	33533	0.357	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.597	278	8725	0.120	ng/ul#	76
29) Benzo(g,h,i)perylene	27.382	276	28074	0.367	ng/ul#	80

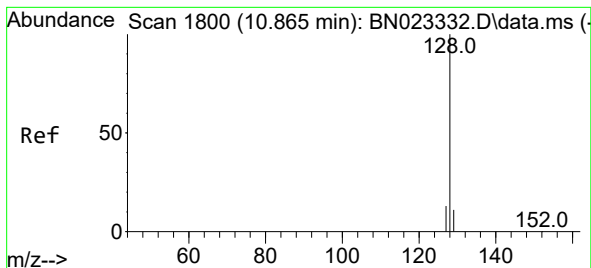
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:55:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.036 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN023349.D

Acq: 22 Dec 2022 21:12

Instrument :

BNA_N

ClientSampleId :

DBXQ1

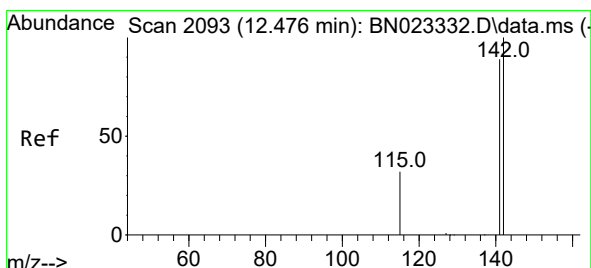
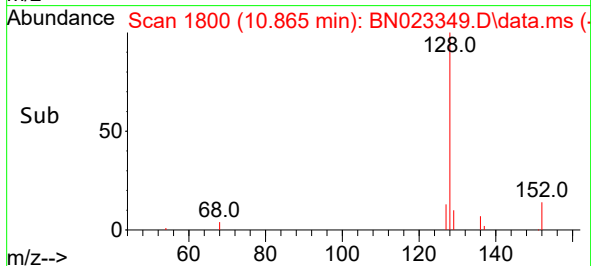
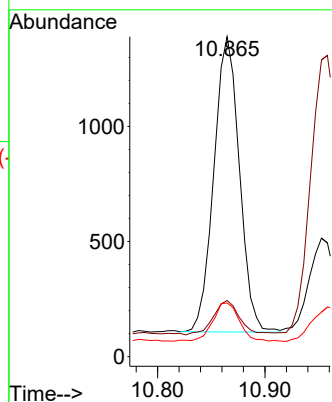
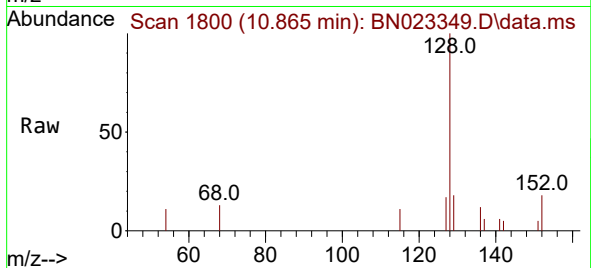
Tgt Ion:128 Resp: 2121

Ion Ratio Lower Upper

128 100

129 17.6 9.0 13.4#

127 16.8 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.476 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN023349.D

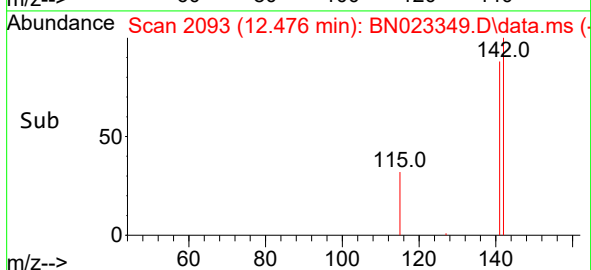
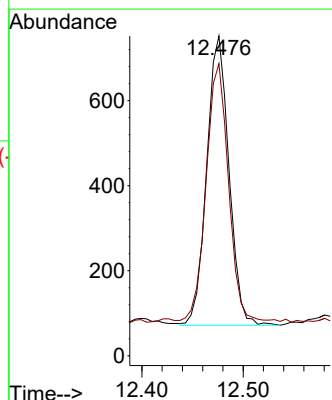
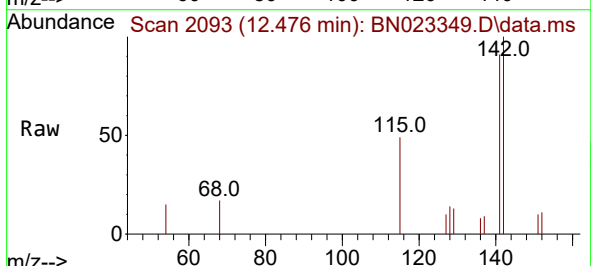
Acq: 22 Dec 2022 21:12

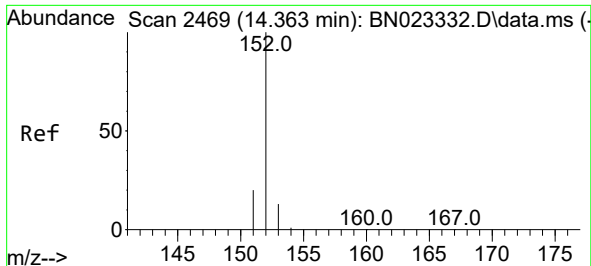
Tgt Ion:142 Resp: 1036

Ion Ratio Lower Upper

142 100

141 90.4 71.4 107.2

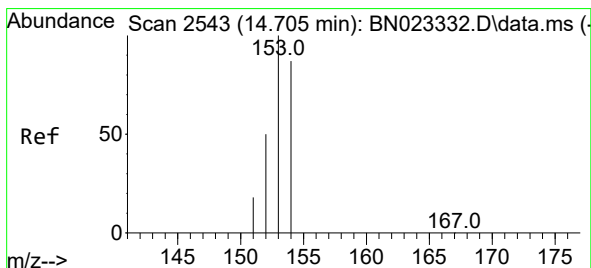
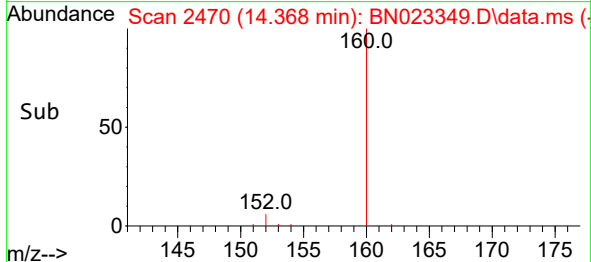
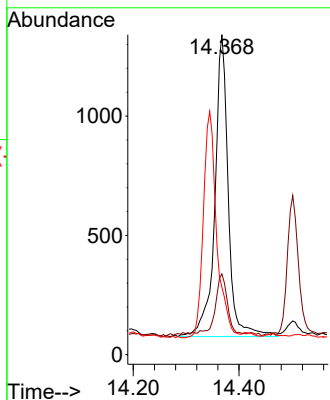
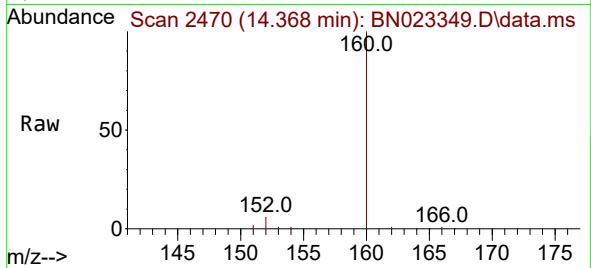




#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.368 min Scan# 2469
Delta R.T. -0.001 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

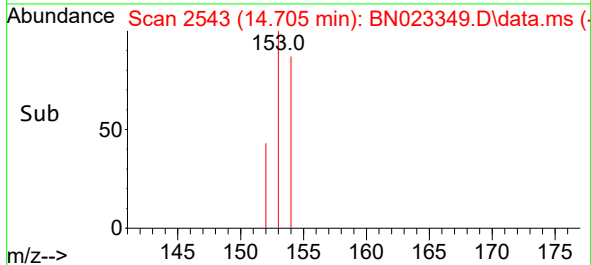
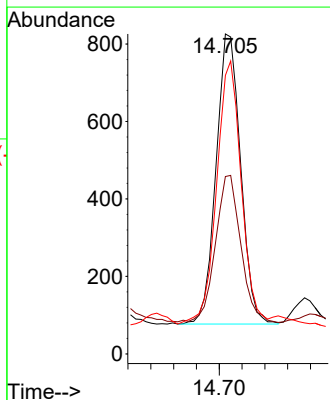
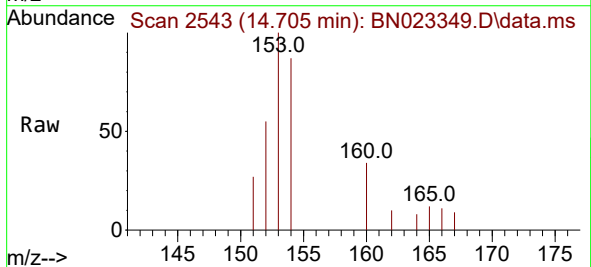
Instrument :
BNA_N
ClientSampleId :
DBXQ1

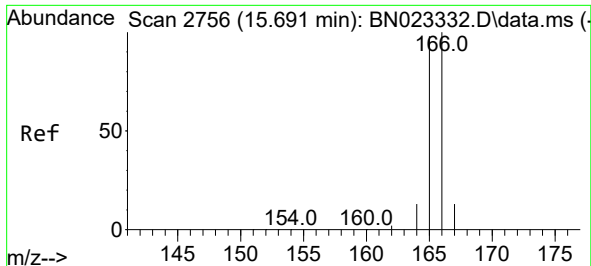
Tgt Ion:152 Resp: 2239
Ion Ratio Lower Upper
152 100
151 25.3 16.1 24.1#
153 21.1 10.9 16.3#



#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

Tgt Ion:153 Resp: 1119
Ion Ratio Lower Upper
153 100
152 55.4 41.0 61.4
154 87.0 69.5 104.3

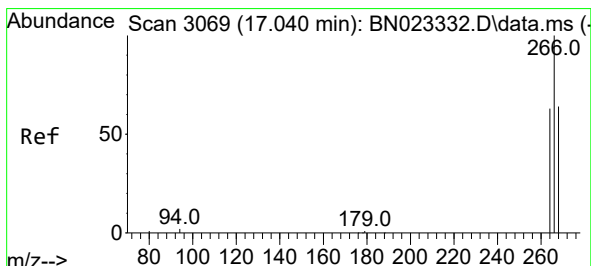
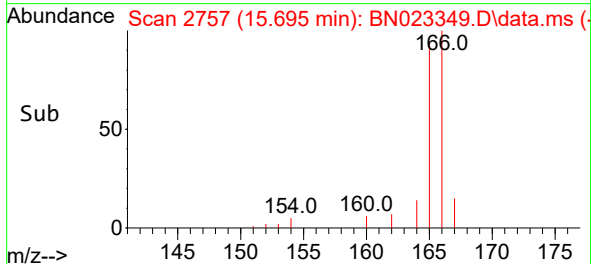
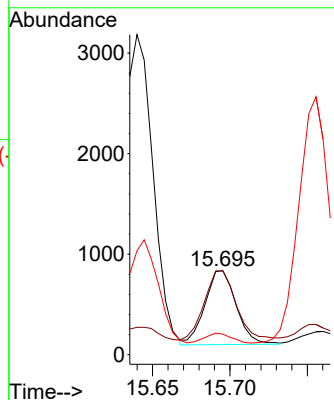
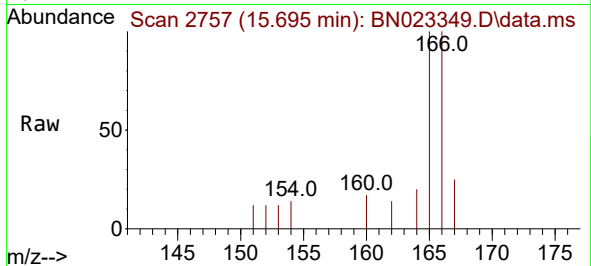




#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.695 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

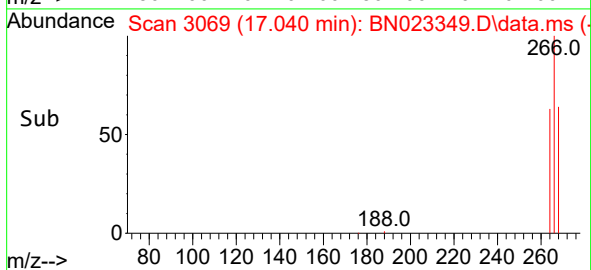
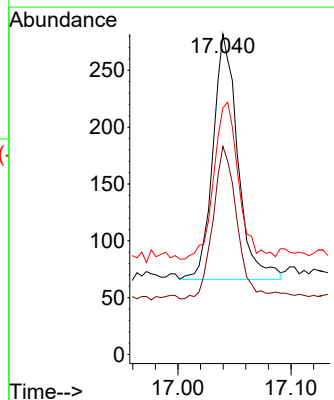
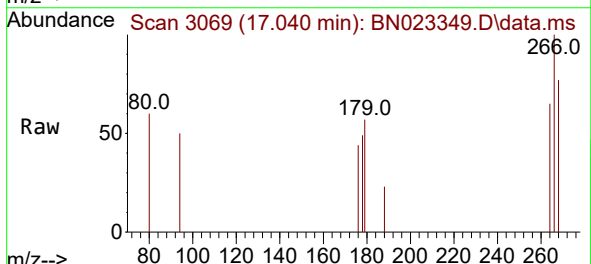
Instrument :
BNA_N
ClientSampleId :
DBXQ1

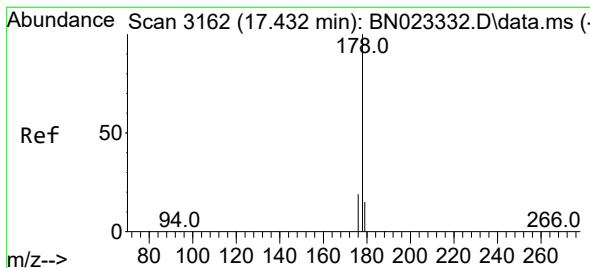
Tgt Ion:166 Resp: 1034
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 24.5 11.0 16.4#



#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

Tgt Ion:266 Resp: 329
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.6
268 65.0 51.4 77.0





#15

Phenanthrene

Concen: 0.370 ng/ul

RT: 17.432 min Scan# 3162

Delta R.T. -0.001 min

Lab File: BN023349.D

Acq: 22 Dec 2022 21:12

Instrument :

BNA_N

ClientSampleId :

DBXQ1

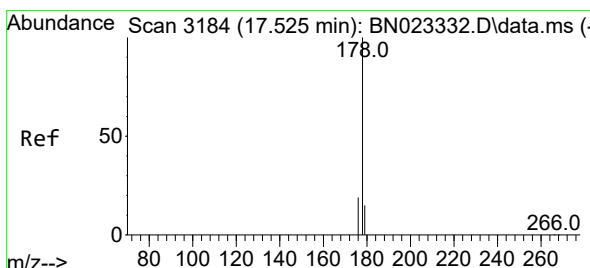
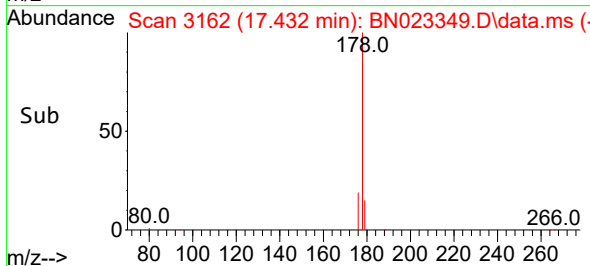
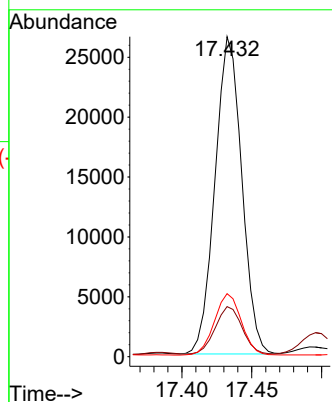
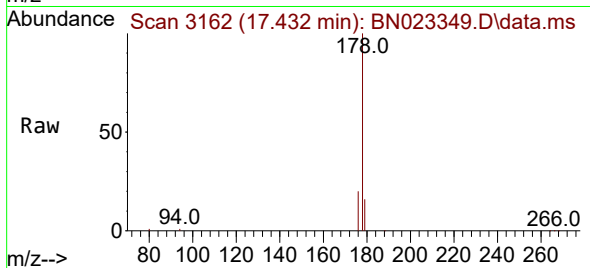
Tgt Ion:178 Resp: 35289

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.7 15.7 23.5



#16

Anthracene

Concen: 0.062 ng/ul

RT: 17.525 min Scan# 3184

Delta R.T. -0.001 min

Lab File: BN023349.D

Acq: 22 Dec 2022 21:12

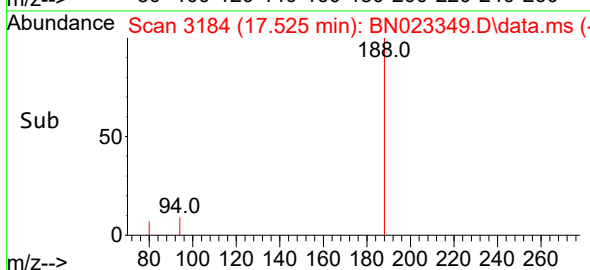
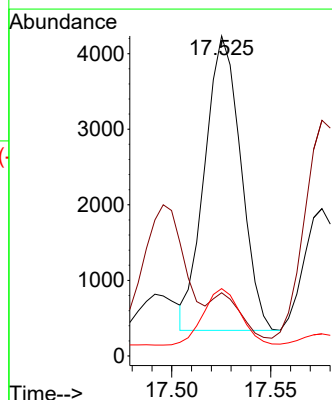
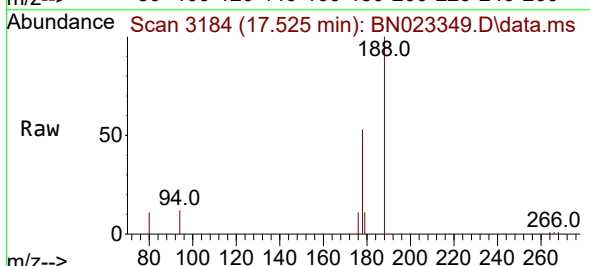
Tgt Ion:178 Resp: 4935

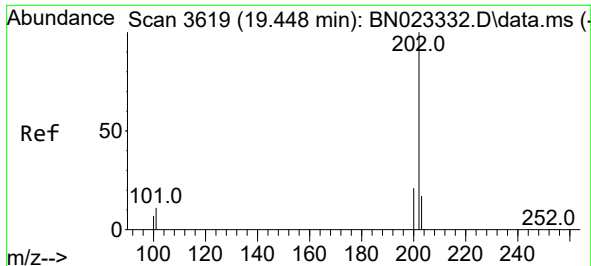
Ion Ratio Lower Upper

178 100

179 19.7 12.6 18.8#

176 21.1 15.4 23.0

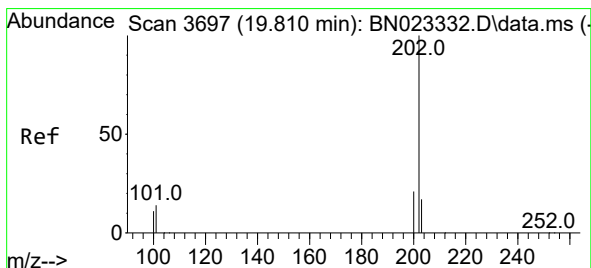
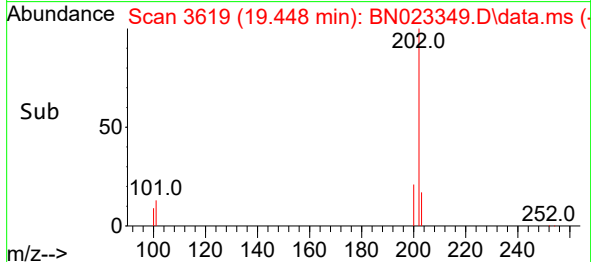
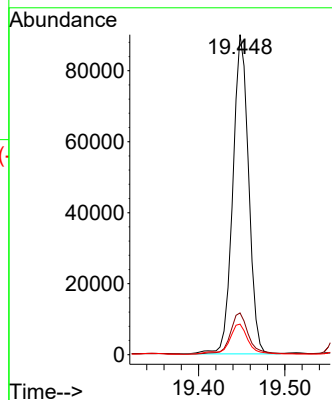
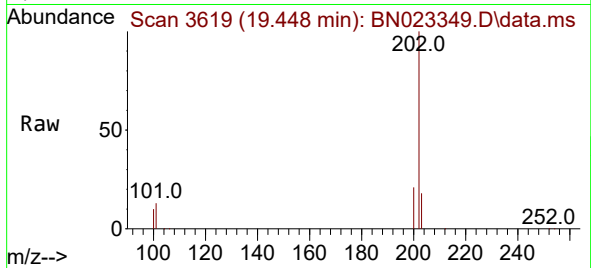




#19
Fluoranthene
Concen: 0.984 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

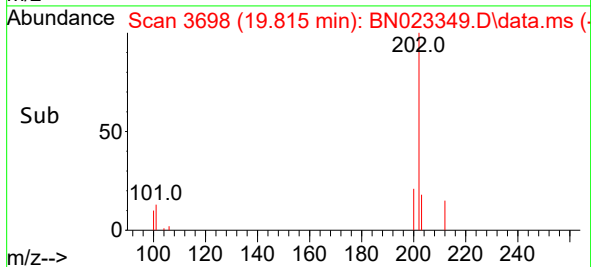
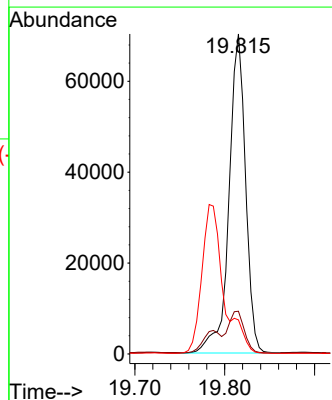
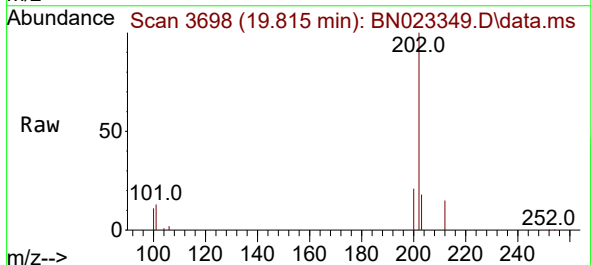
Instrument :
BNA_N
ClientSampleId :
DBXQ1

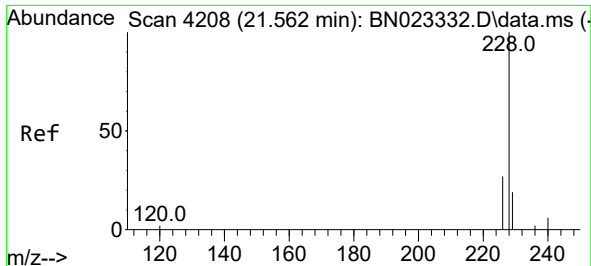
Tgt Ion:202 Resp: 114460
Ion Ratio Lower Upper
202 100
101 13.1 9.4 14.2
100 9.6 7.0 10.6



#20
Pyrene
Concen: 0.765 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

Tgt Ion:202 Resp: 89682
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.7 9.0 13.4

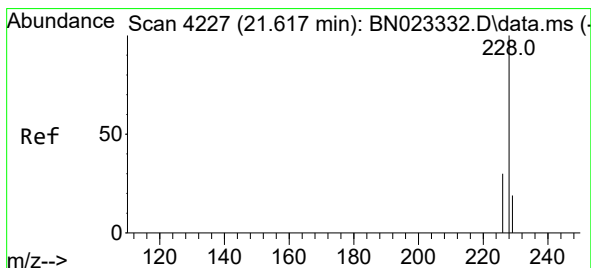
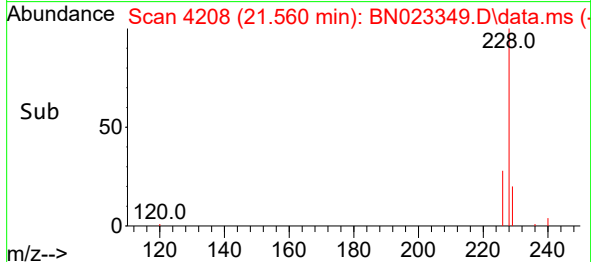
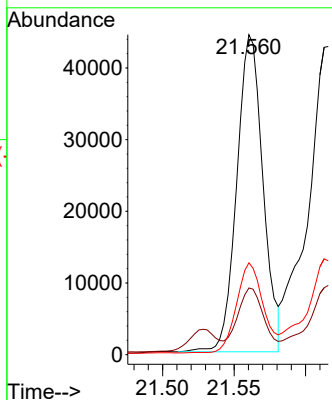
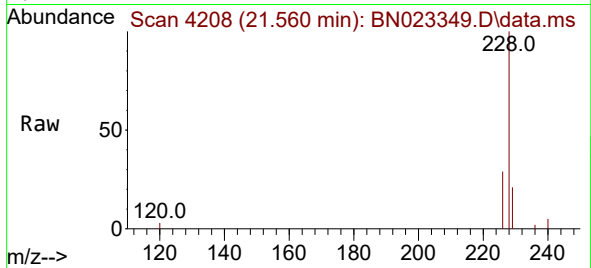




#21
Benzo(a)anthracene
Concen: 0.604 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

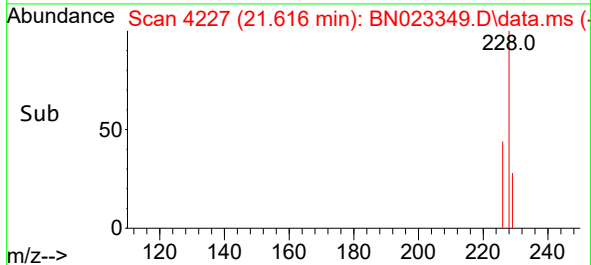
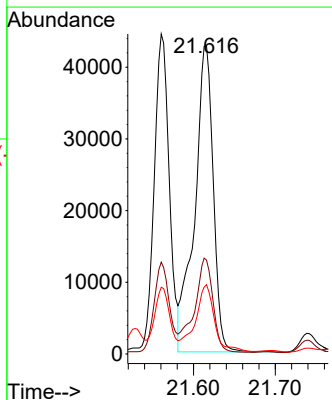
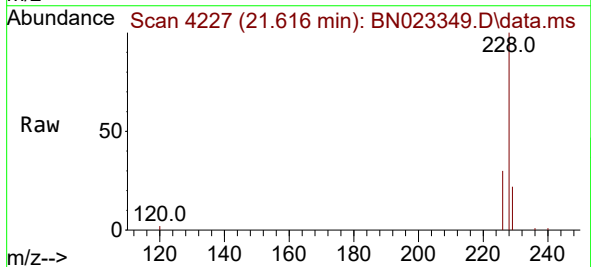
Instrument :
BNA_N
ClientSampleId :
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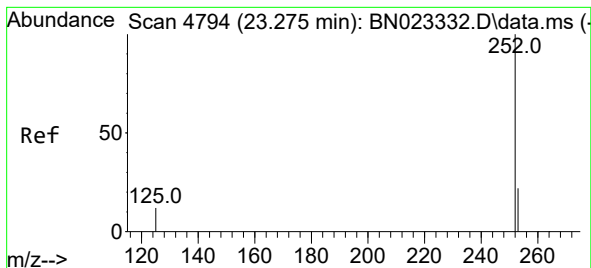
Tgt Ion:	228	Resp:	56361
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.6	23.4
226	28.7	22.2	33.2



#22
Chrysene
Concen: 0.715 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023349.D
Acq: 22 Dec 2022 21:12

Tgt Ion:	228	Resp:	67854
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	22.5	15.8	23.6





#24

Benzo(b)fluoranthene

Concen: 1.167 ng/ul

RT: 23.276 min Scan# 4794

Delta R.T. 0.002 min

Lab File: BN023349.D

Acq: 22 Dec 2022 21:12

Instrument :

BNA_N

ClientSampleId :

DBXQ1

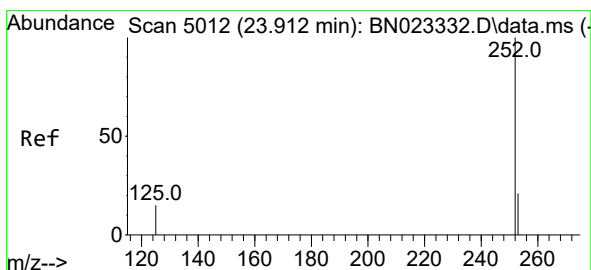
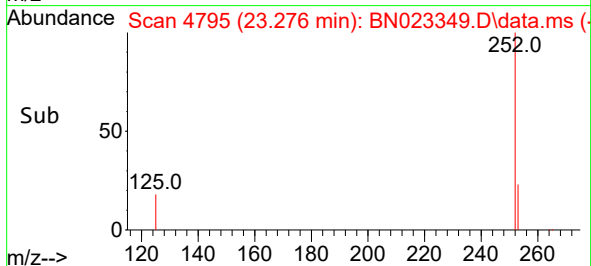
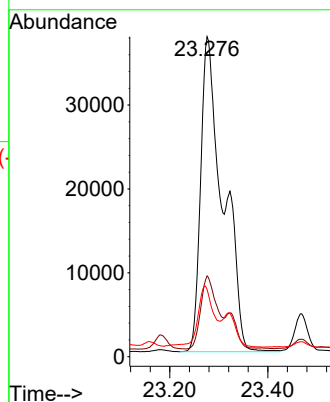
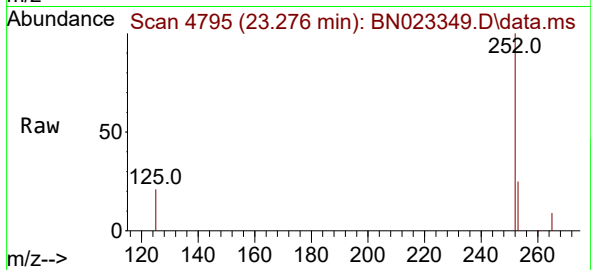
Tgt Ion:252 Resp: 118677

Ion Ratio Lower Upper

252 100

253 25.2 0.0 49.2

125 21.0 0.0 31.8



#26

Benzo(a)pyrene

Concen: 0.585 ng/ul

RT: 23.919 min Scan# 5015

Delta R.T. 0.005 min

Lab File: BN023349.D

Acq: 22 Dec 2022 21:12

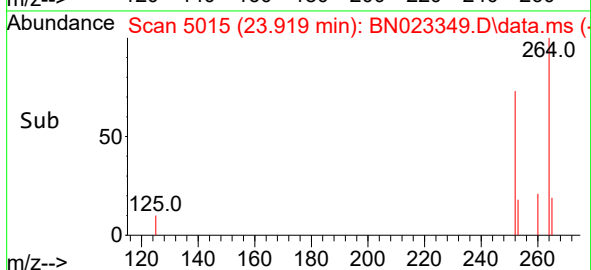
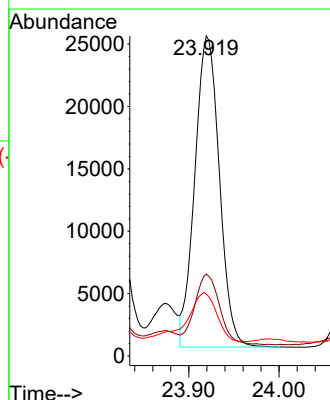
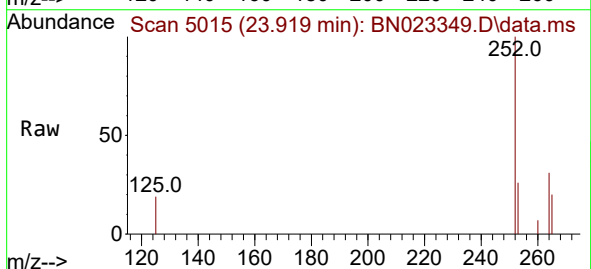
Tgt Ion:252 Resp: 47077

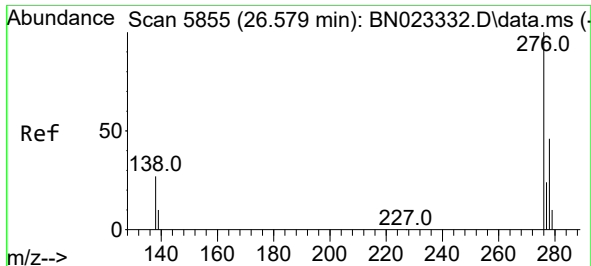
Ion Ratio Lower Upper

252 100

253 25.6 21.4 32.2

125 19.3 16.2 24.4

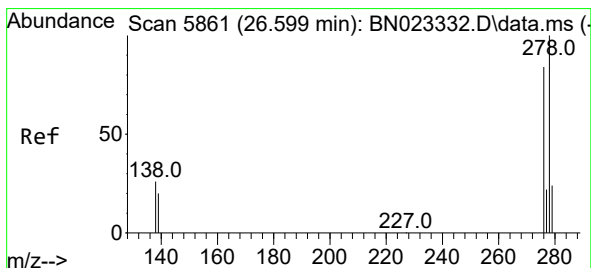
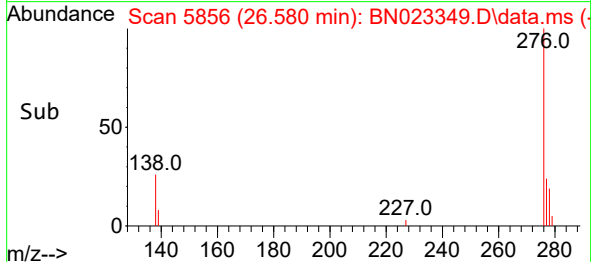
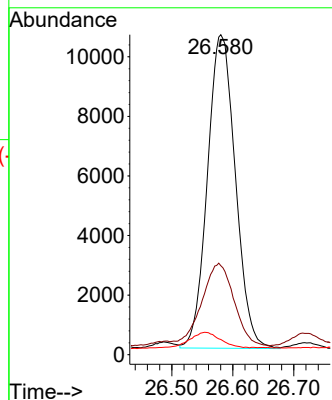
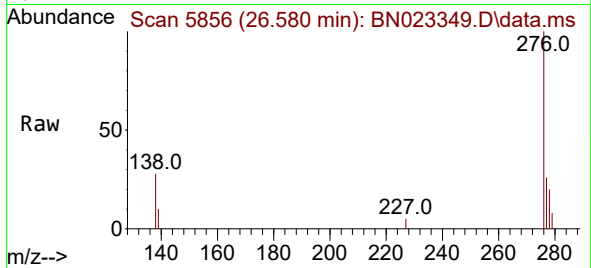




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.357 ng/ul
 RT: 26.580 min Scan# 5855
 Delta R.T. 0.003 min
 Lab File: BN023349.D
 Acq: 22 Dec 2022 21:12

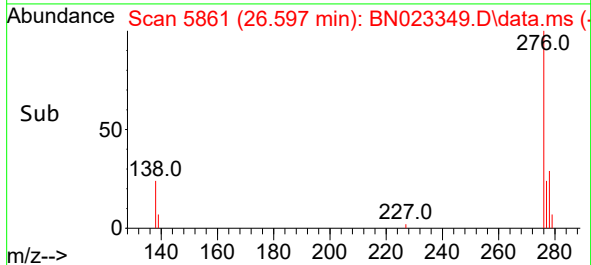
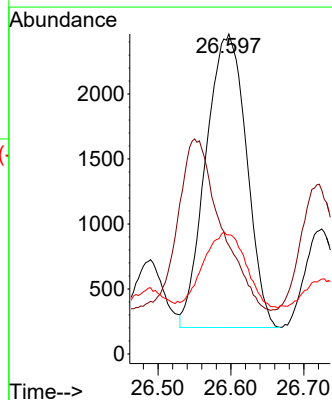
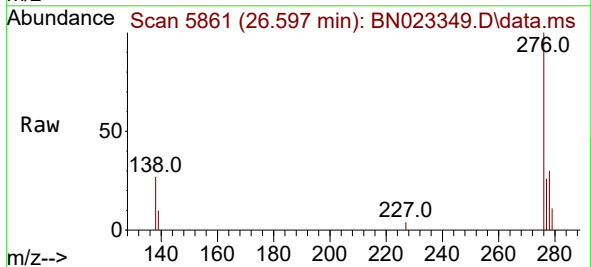
Instrument :
 BNA_N
 ClientSampleId :
 DBXQ1

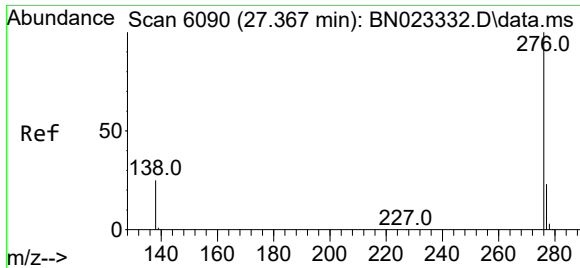
Tgt Ion:276 Resp: 33533
 Ion Ratio Lower Upper
 276 100
 138 30.1 23.4 35.2
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.120 ng/ul
 RT: 26.597 min Scan# 5861
 Delta R.T. -0.004 min
 Lab File: BN023349.D
 Acq: 22 Dec 2022 21:12

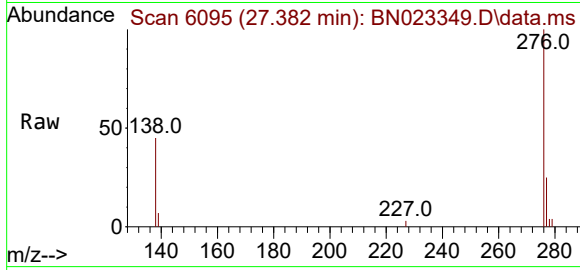
Tgt Ion:278 Resp: 8725
 Ion Ratio Lower Upper
 278 100
 139 33.9 16.6 24.8#
 279 37.2 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.367 ng/ul
 RT: 27.382 min Scan# 6095
 Delta R.T. 0.013 min
 Lab File: BN023349.D
 Acq: 22 Dec 2022 21:12

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ1



Tgt Ion:276 Resp: 28074
 Ion Ratio Lower Upper
 276 100
 138 44.7 20.3 30.5#
 277 25.1 19.7 29.5

