

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023407.D
 Acq On : 24 Dec 2022 13:03
 Operator : CG/JU
 Sample : N6018-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH5

Quant Time: Dec 24 23:18:25 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)

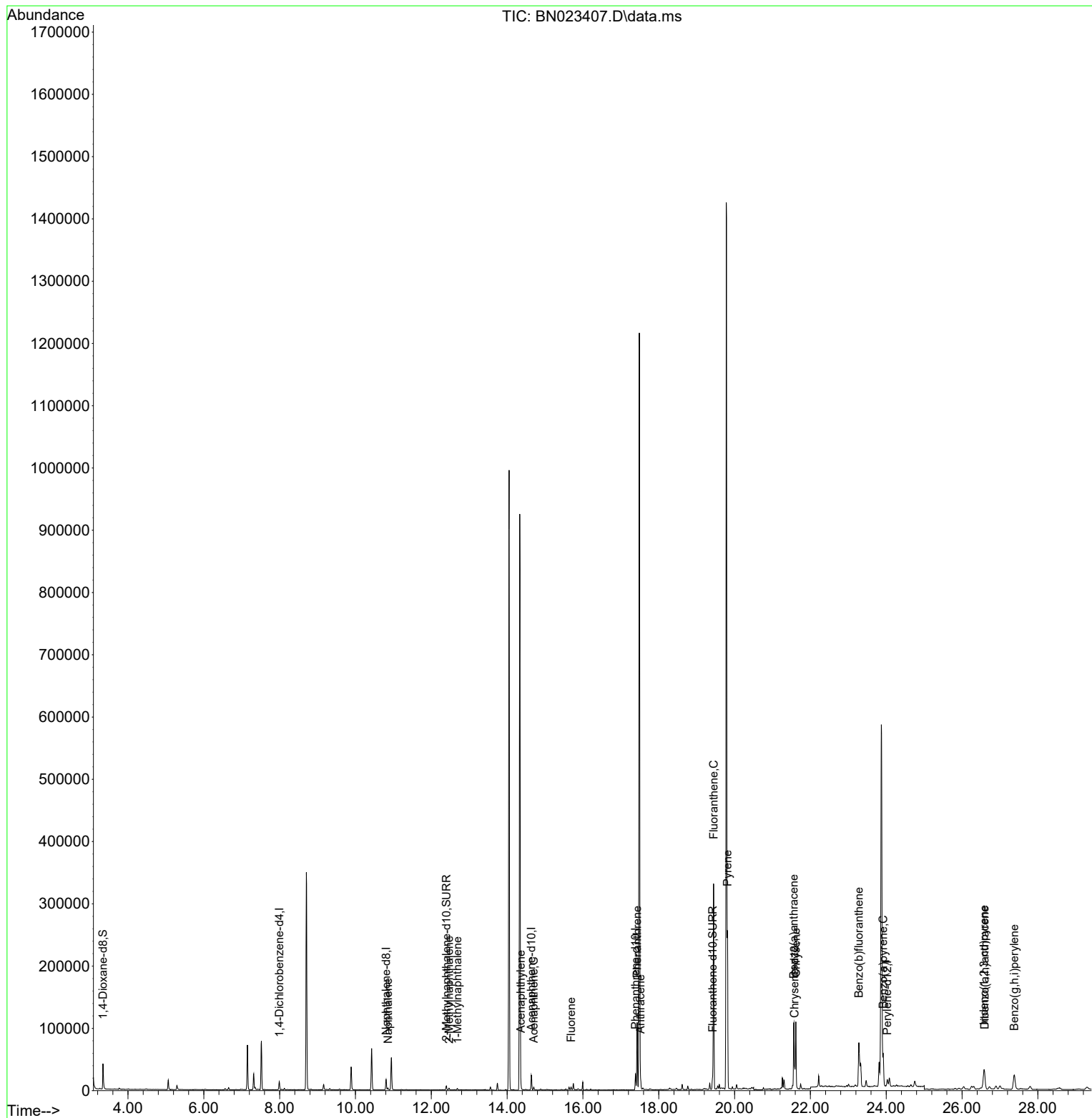
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6474	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	21577	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	12704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	29198	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	19342	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	14817	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26543	3.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	8366	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	18760	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	3023	0.048	ng/ul#	91
7) 2-Methylnaphthalene	12.469	142	1890	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.689	142	1601	0.038	ng/ul	100
10) Acenaphthylene	14.362	152	6807	0.121	ng/ul	96
11) Acenaphthene	14.704	153	2324	0.049	ng/ul	98
12) Fluorene	15.689	166	3082	0.058	ng/ul#	97
15) Phenanthrene	17.431	178	109657	1.153	ng/ul	100
16) Anthracene	17.520	178	13880	0.176	ng/ul	97
19) Fluoranthene	19.447	202	266146	2.836	ng/ul	100
20) Pyrene	19.814	202	194879	2.060	ng/ul	96
21) Benzo(a)anthracene	21.561	228	90347	1.200	ng/ul	98
22) Chrysene	21.616	228	101519	1.326	ng/ul	97
24) Benzo(b)fluoranthene	23.279	252	162353	2.119	ng/ul	98
26) Benzo(a)pyrene	23.920	252	70194	1.157	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.581	276	53386	0.754	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.597	278	12779	0.233	ng/ul#	81
29) Benzo(g,h,i)perylene	27.379	276	51009	0.884	ng/ul#	95

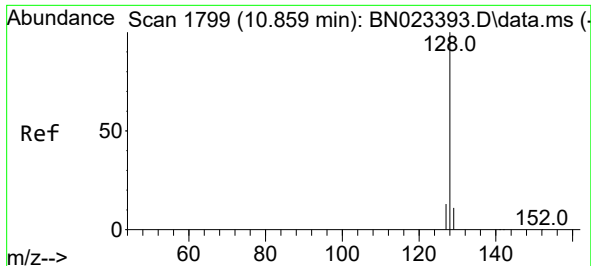
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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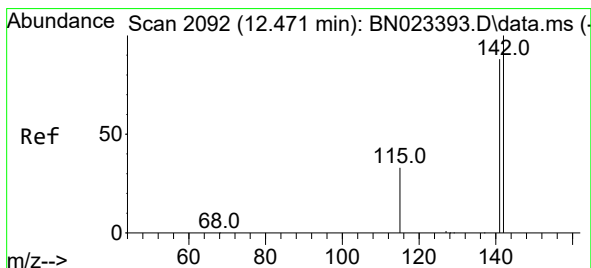
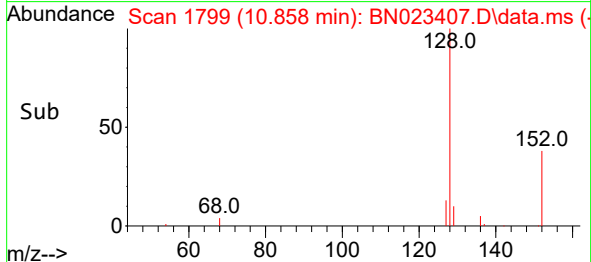
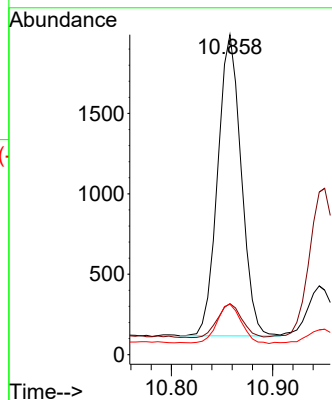
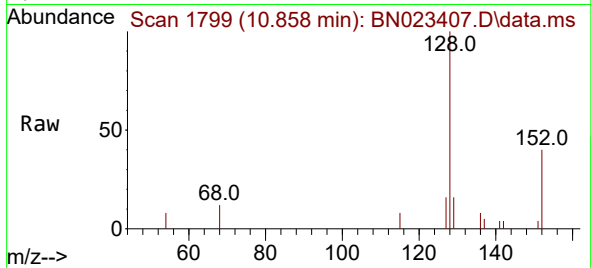




#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

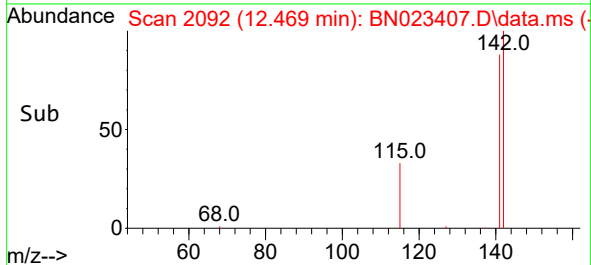
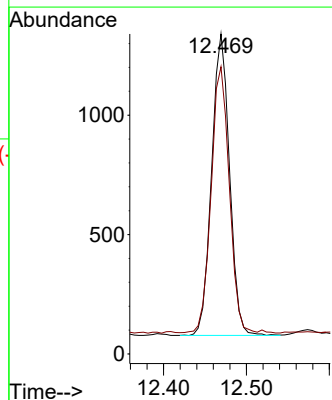
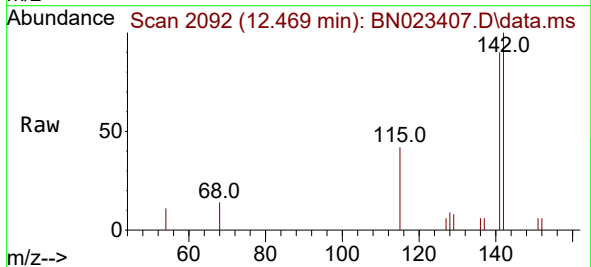
Instrument :
BNA_N
ClientSampleId :
DBYH5

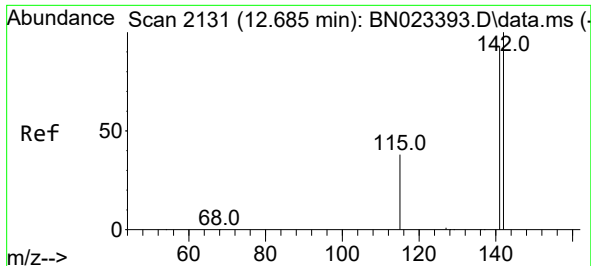
Tgt Ion:128 Resp: 3023
Ion Ratio Lower Upper
128 100
129 15.9 9.0 13.4#
127 15.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Tgt Ion:142 Resp: 1890
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2

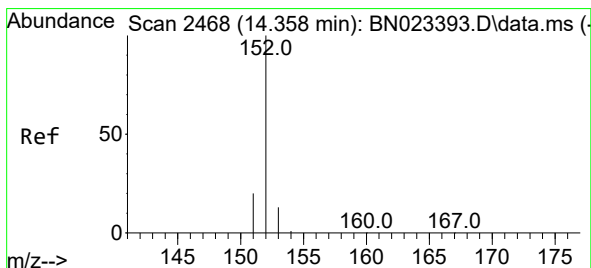
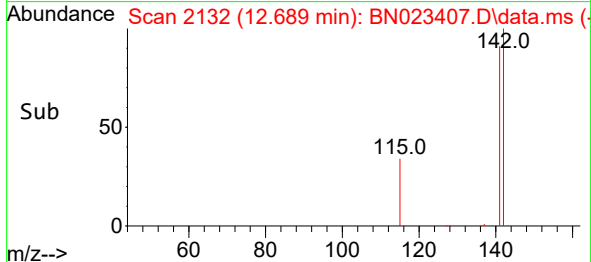
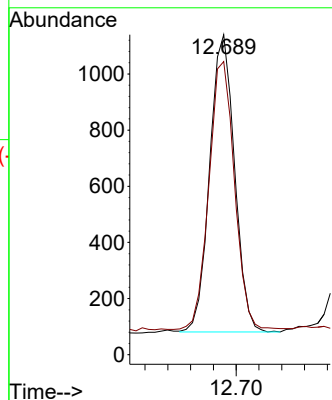
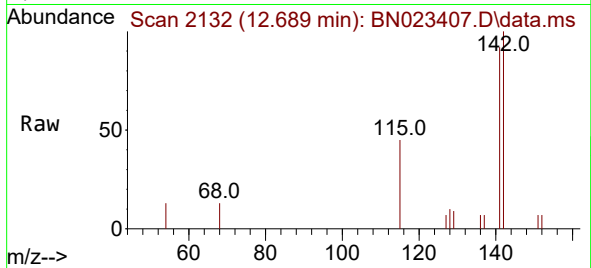




#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.689 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

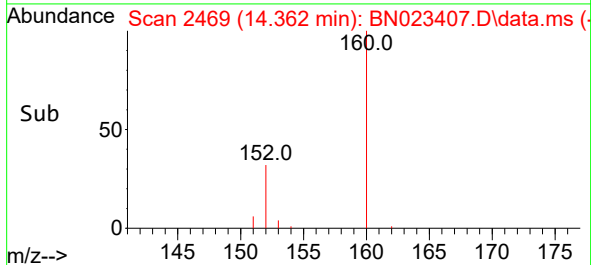
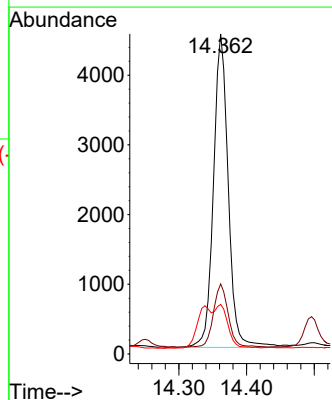
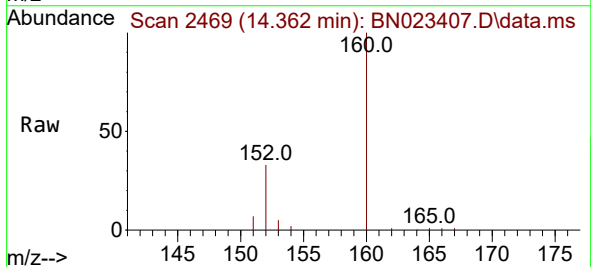
Instrument :
BNA_N
ClientSampleId :
DBYH5

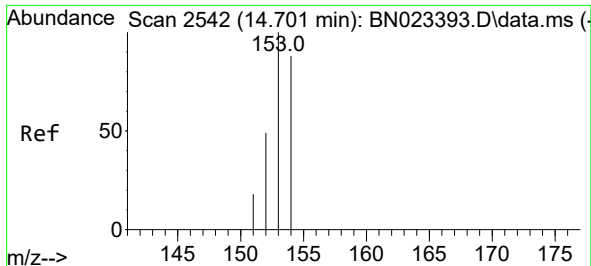
Tgt Ion:142 Resp: 1601
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0



#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Tgt Ion:152 Resp: 6807
Ion Ratio Lower Upper
152 100
151 21.9 16.1 24.1
153 15.5 10.9 16.3

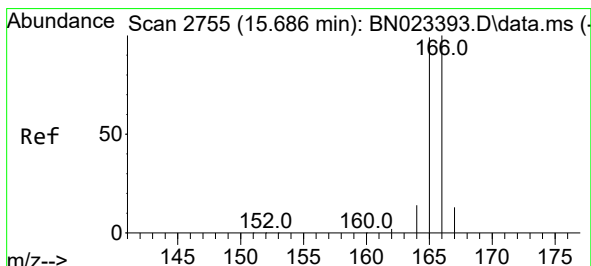
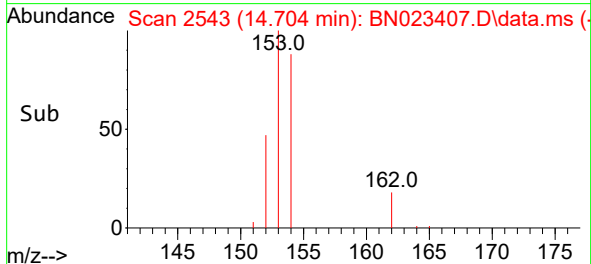
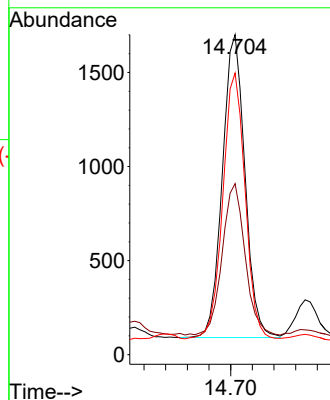
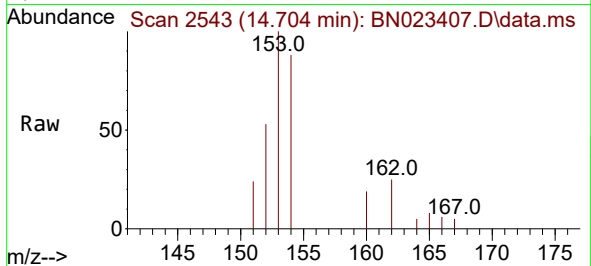




#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.704 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

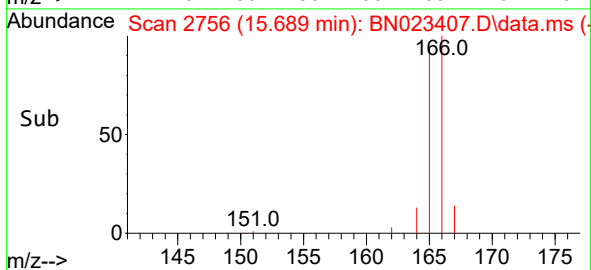
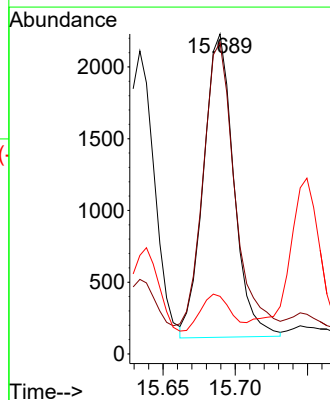
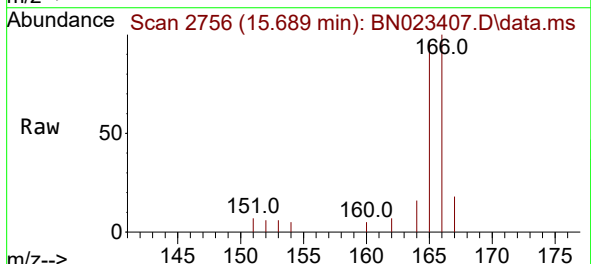
Instrument :
BNA_N
ClientSampleId :
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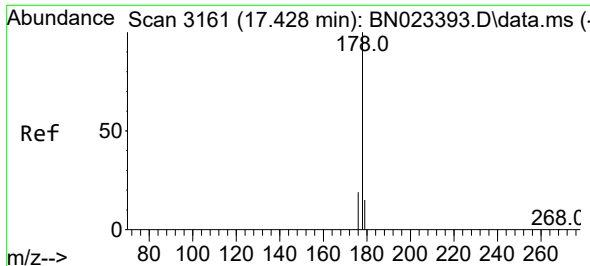
Tgt Ion:153 Resp: 2324
Ion Ratio Lower Upper
153 100
152 53.4 41.0 61.4
154 88.0 69.5 104.3



#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.689 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Tgt Ion:166 Resp: 3082
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 18.0 11.0 16.4#

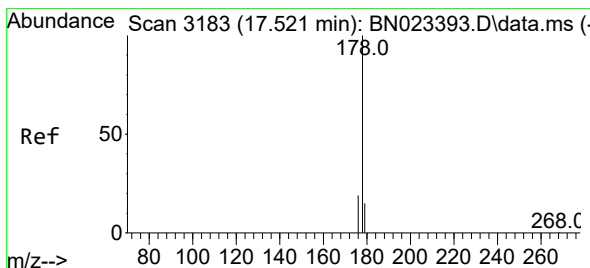
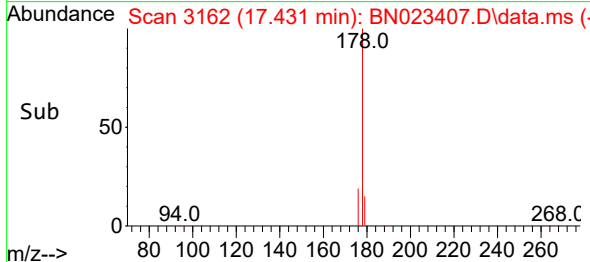
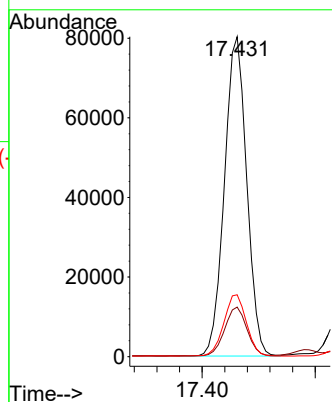
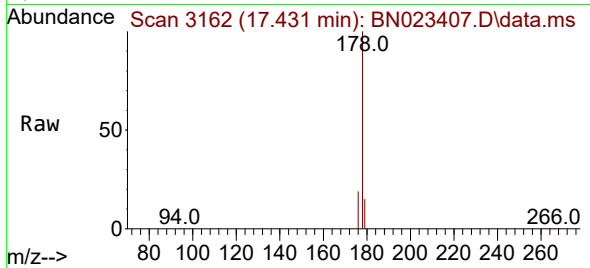




#15
Phenanthrene
Concen: 1.153 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

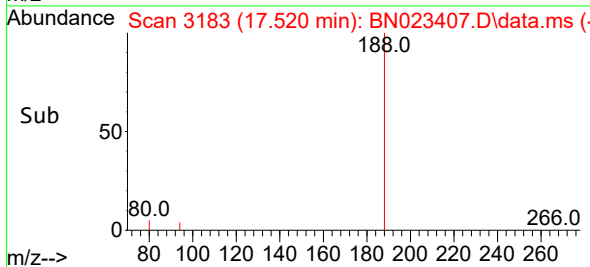
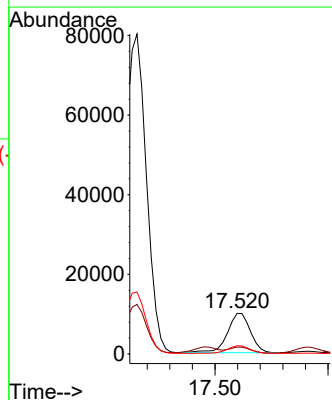
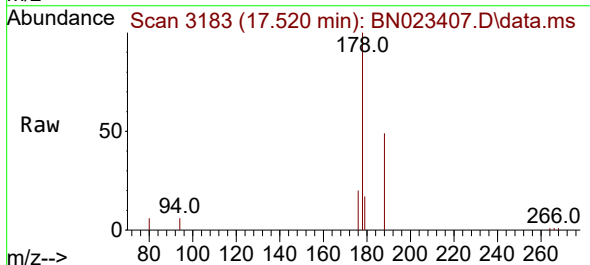
Instrument :
BNA_N
ClientSampleId :
DBYH5

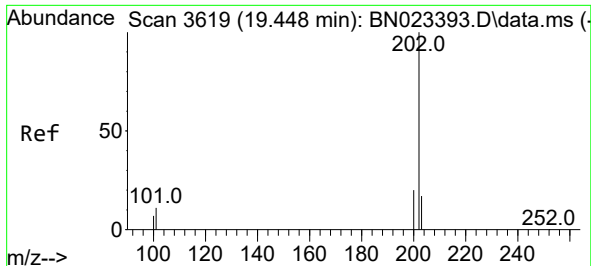
Tgt Ion:178 Resp: 109657
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.7 23.5



#16
Anthracene
Concen: 0.176 ng/ul
RT: 17.520 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Tgt Ion:178 Resp: 13880
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 20.2 15.4 23.0

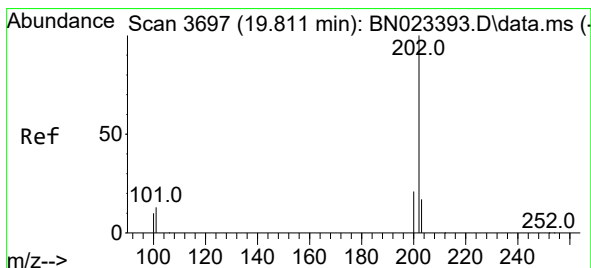
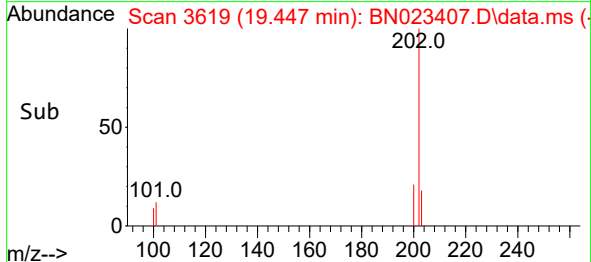
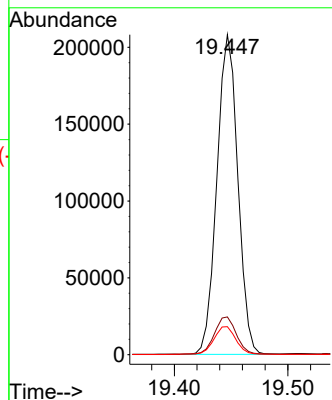
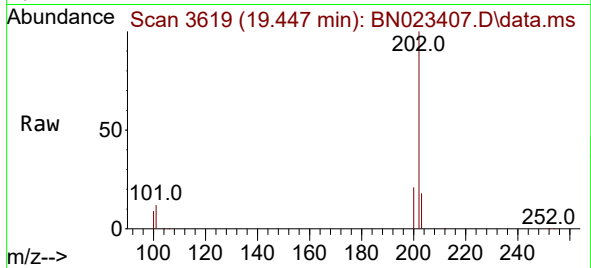




#19
Fluoranthene
Concen: 2.836 ng/ul
RT: 19.447 min Scan# 3619
Delta R.T. -0.002 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

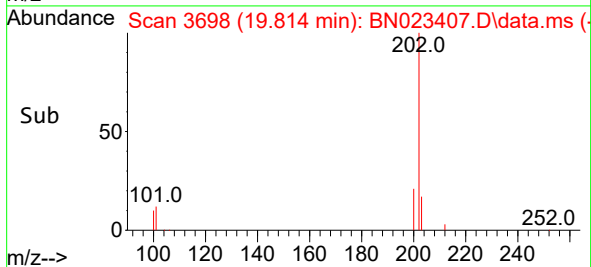
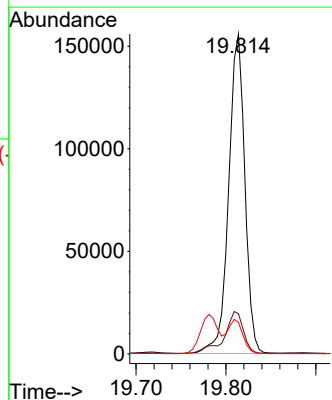
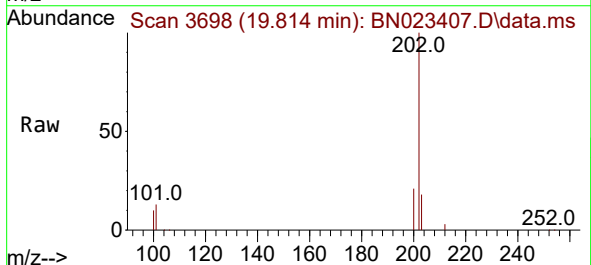
Instrument :
BNA_N
ClientSampleId :
DBYH5

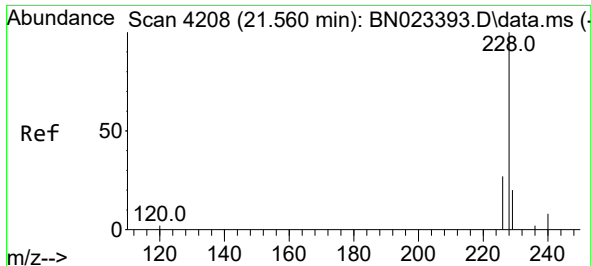
Tgt Ion:202 Resp: 266146
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 8.7 7.0 10.6



#20
Pyrene
Concen: 2.060 ng/ul
RT: 19.814 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

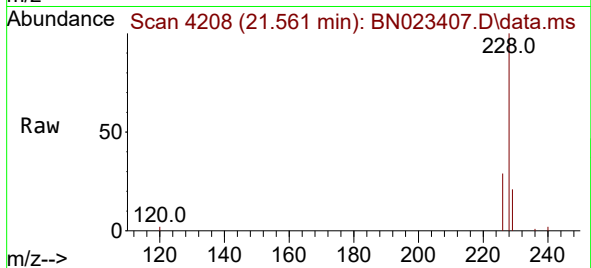
Tgt Ion:202 Resp: 194879
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 9.9 9.0 13.4



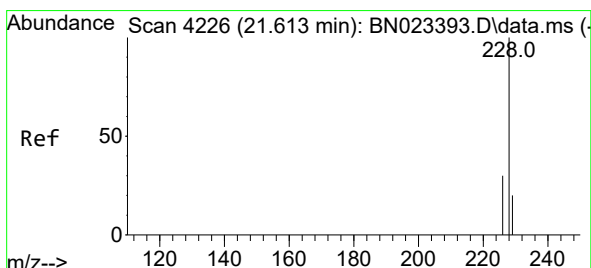
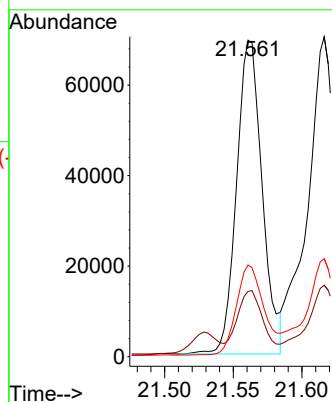
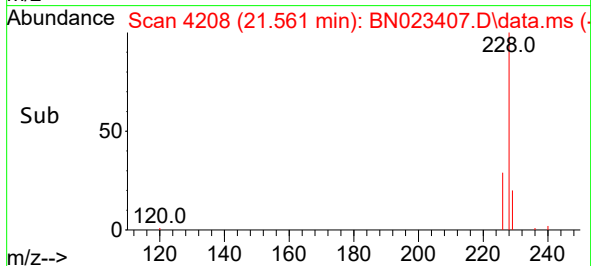


#21
Benzo(a)anthracene
Concen: 1.200 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Instrument :
BNA_N
ClientSampleId :
DBYH5

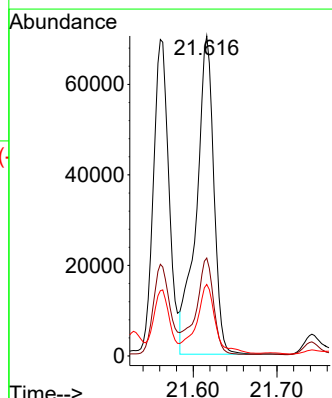
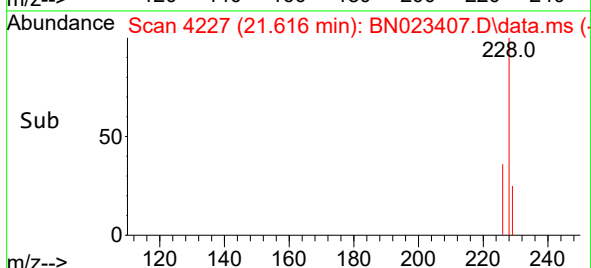
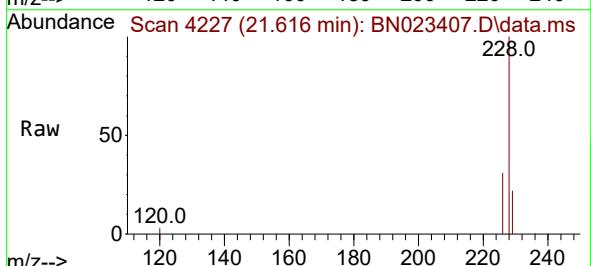


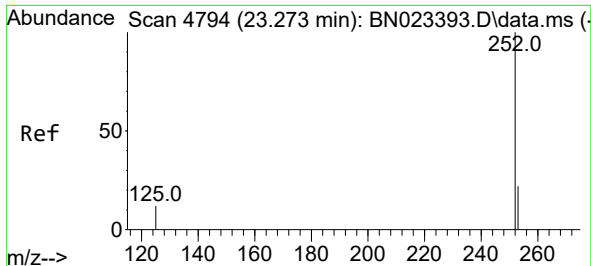
Tgt Ion:228 Resp: 90347
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 29.0 22.2 33.2



#22
Chrysene
Concen: 1.326 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

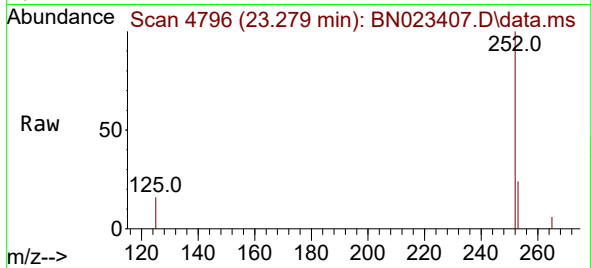
Tgt Ion:228 Resp: 101519
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.4 15.8 23.6



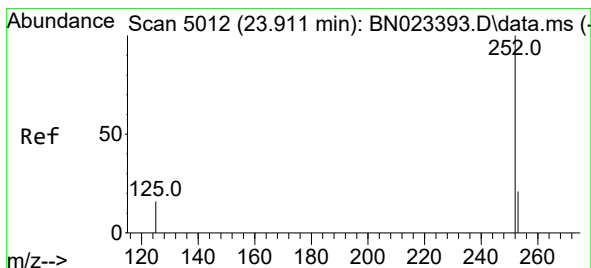
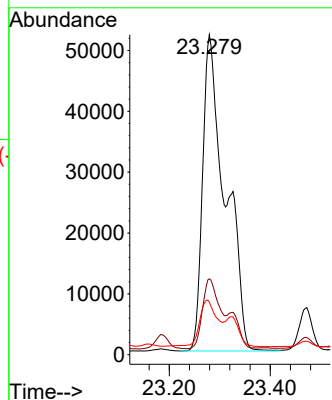


#24
Benzo(b)fluoranthene
Concen: 2.119 ng/ul
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Instrument :
BNA_N
ClientSampleId :
DBYH5

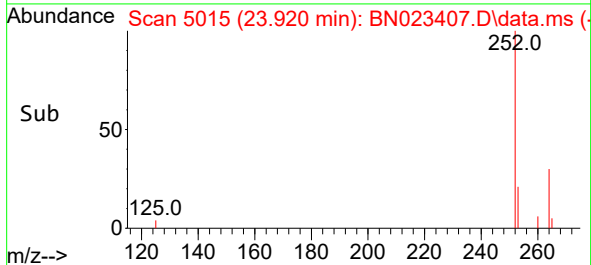
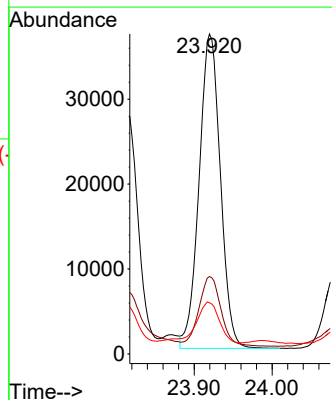
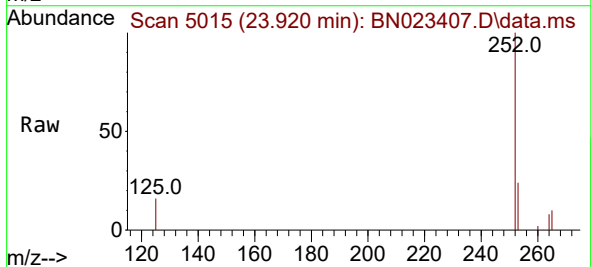


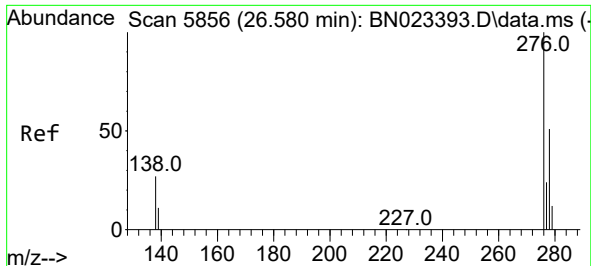
Tgt Ion:252 Resp: 162353
Ion Ratio Lower Upper
252 100
253 23.7 0.0 49.2
125 16.5 0.0 31.8



#26
Benzo(a)pyrene
Concen: 1.157 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Tgt Ion:252 Resp: 70194
Ion Ratio Lower Upper
252 100
253 24.2 21.4 32.2
125 16.0 16.2 24.4#

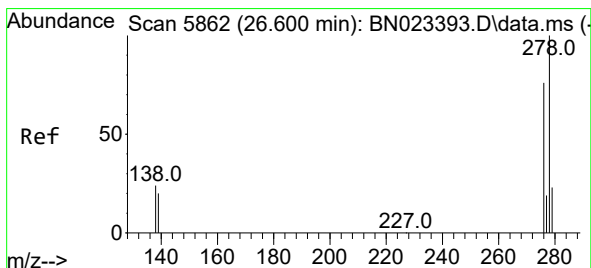
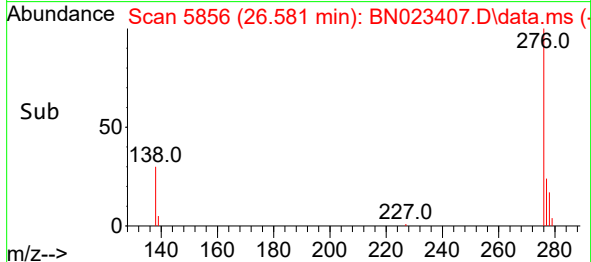
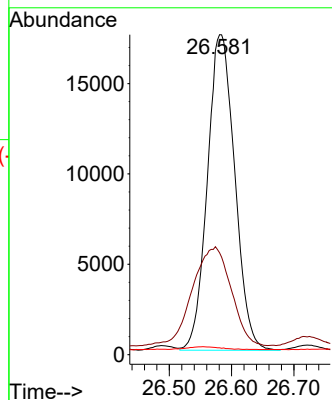
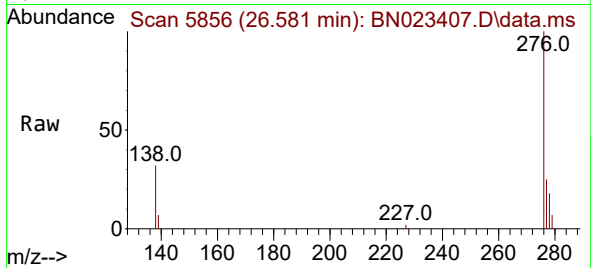




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.754 ng/ul
 RT: 26.581 min Scan# 5856
 Delta R.T. 0.003 min
 Lab File: BN023407.D
 Acq: 24 Dec 2022 13:03

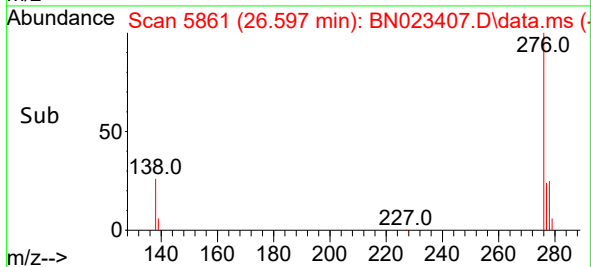
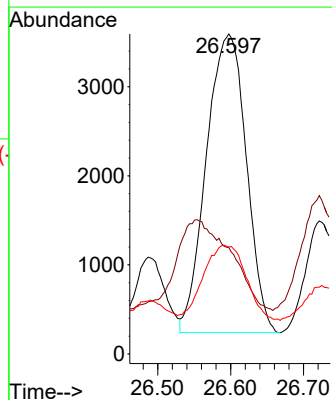
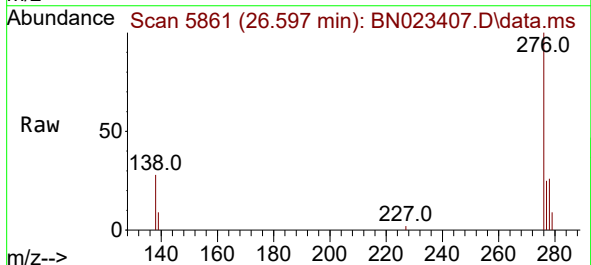
Instrument :
 BNA_N
 ClientSampleId :
 DBYH5

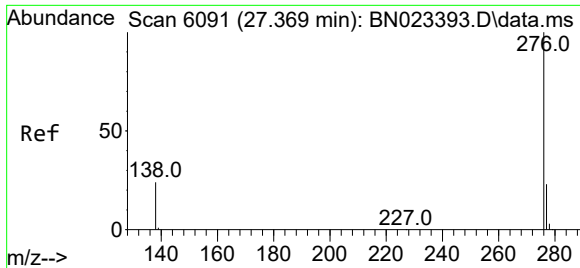
Tgt Ion:276 Resp: 53386
 Ion Ratio Lower Upper
 276 100
 138 44.2 23.4 35.2#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.233 ng/ul
 RT: 26.597 min Scan# 5861
 Delta R.T. -0.004 min
 Lab File: BN023407.D
 Acq: 24 Dec 2022 13:03

Tgt Ion:278 Resp: 12779
 Ion Ratio Lower Upper
 278 100
 139 33.3 16.6 24.8#
 279 33.4 21.3 31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.884 ng/ul
RT: 27.379 min Scan# 6091
Delta R.T. 0.010 min
Lab File: BN023407.D
Acq: 24 Dec 2022 13:03

Instrument :
BNA_N
ClientSampleId :
DBYH5

Tgt Ion:276 Resp: 51009
Ion Ratio Lower Upper
276 100
138 30.7 20.3 30.5#
277 24.7 19.7 29.5

