

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023381.D
 Acq On : 23 Dec 2022 20:52
 Operator : CG/JU
 Sample : N6008-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXX4

Quant Time: Dec 23 22:45:07 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)

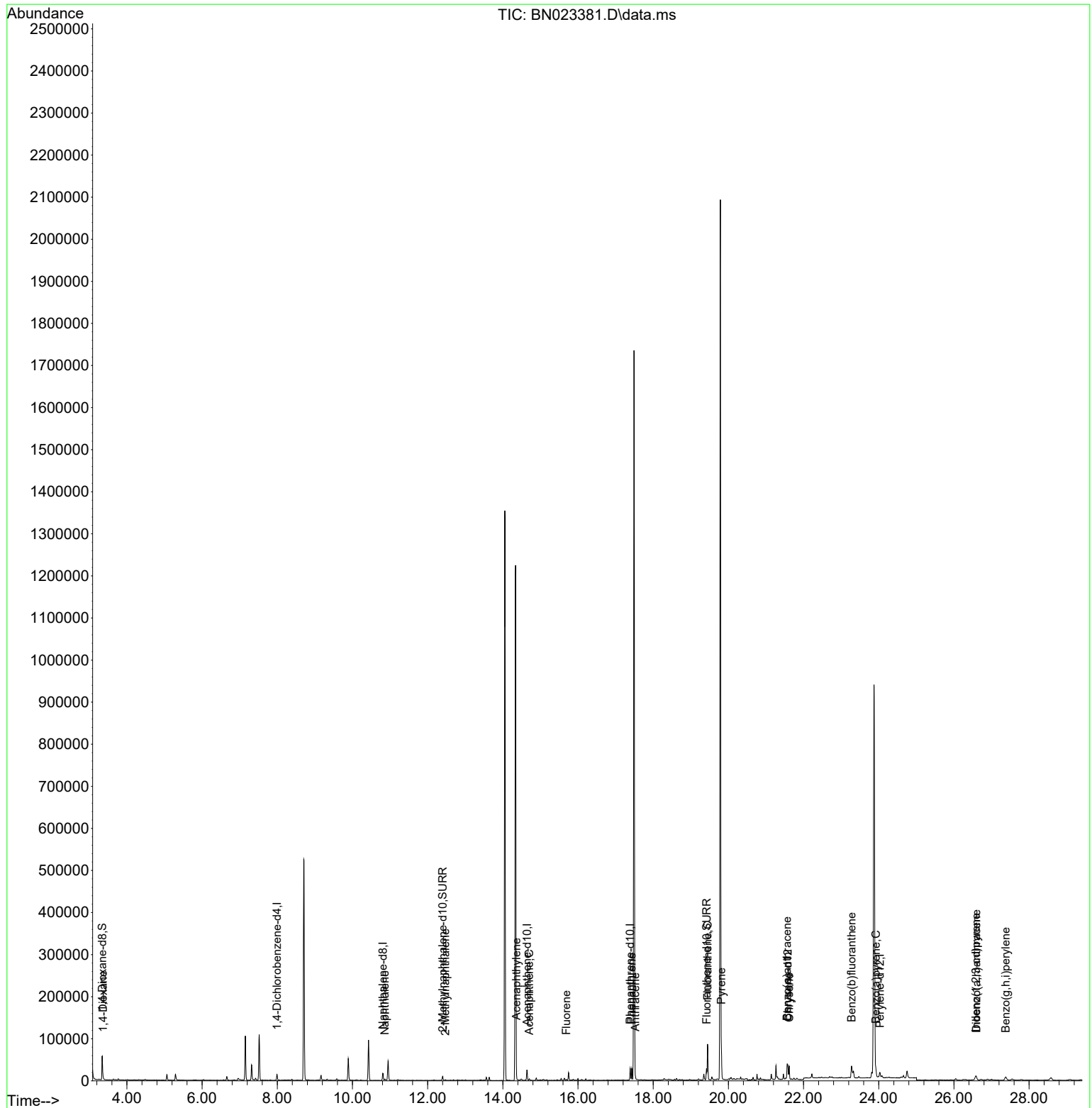
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	6673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	22047	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.644	164	13345	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	31028	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	24110	0.400	ng/ul #	0.00
23) Perylene-d12	24.031	264	18106	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	37844	5.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	11698	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	27688	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	226	0.030	ng/ul#	1
5) Naphthalene	10.858	128	2087	0.032	ng/ul#	86
7) 2-Methylnaphthalene	12.469	142	1062	0.026	ng/ul	99
10) Acenaphthylene	14.362	152	1445	0.024	ng/ul#	72
11) Acenaphthene	14.704	153	1460	0.029	ng/ul	96
12) Fluorene	15.689	166	1334	0.024	ng/ul#	95
15) Phenanthrene	17.431	178	27237	0.270	ng/ul	99
16) Anthracene	17.524	178	4369	0.052	ng/ul#	89
19) Fluoranthene	19.447	202	66232	0.566	ng/ul	96
20) Pyrene	19.814	202	53871	0.457	ng/ul	98
21) Benzo(a)anthracene	21.561	228	28106	0.299	ng/ul	95
22) Chrysene	21.616	228	31629	0.331	ng/ul	96
24) Benzo(b)fluoranthene	23.279	252	56248	0.601	ng/ul#	78
26) Benzo(a)pyrene	23.923	252	24065	0.325	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.584	276	17100	0.198	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.597	278	4323	0.064	ng/ul#	47
29) Benzo(g,h,i)perylene	27.379	276	16730	0.237	ng/ul	94

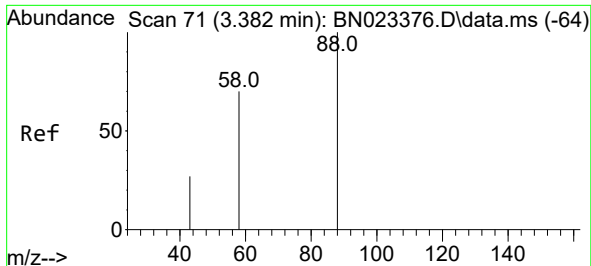
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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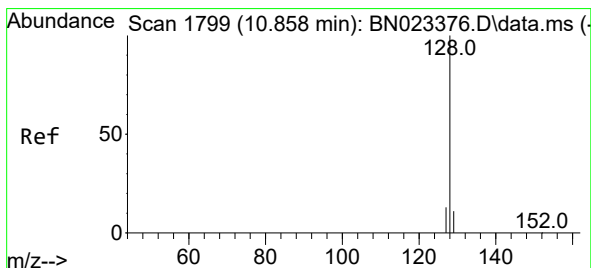
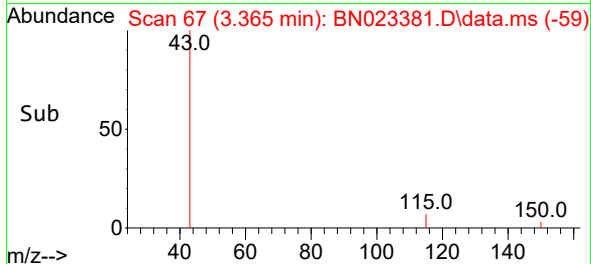
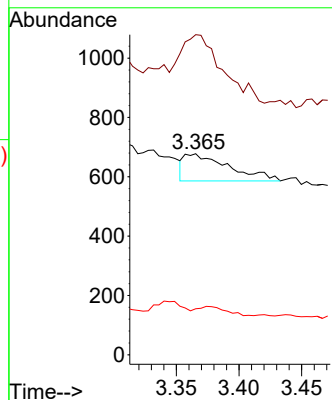
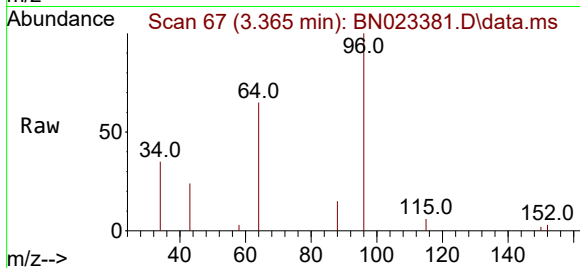




#2
1,4-Dioxane
Concen: 0.030 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. -0.017 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

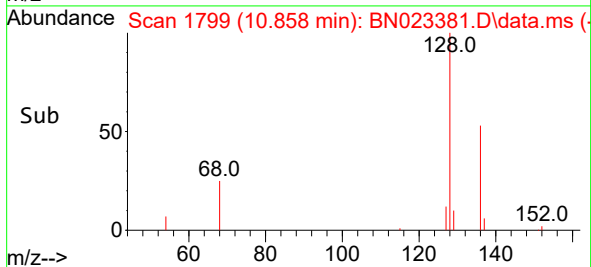
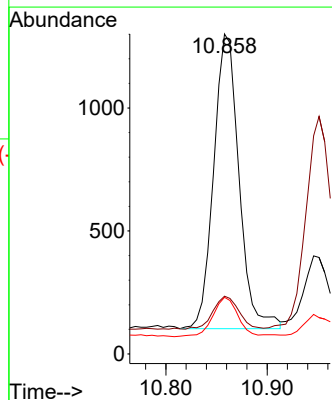
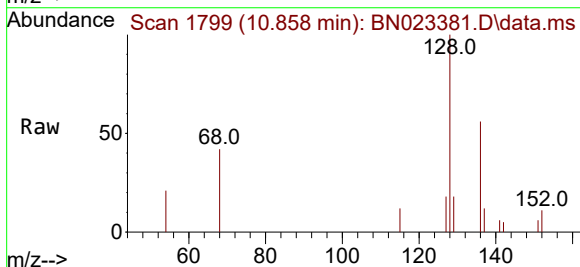
Instrument :
BNA_N
ClientSampleId :
DBXX4

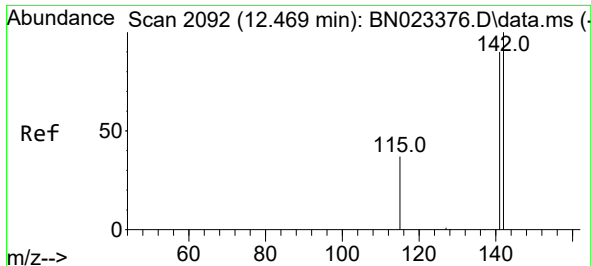
Tgt Ion: 88 Resp: 226
Ion Ratio Lower Upper
88 100
43 159.1 28.4 42.6#
58 22.9 45.6 68.4#



#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion: 128 Resp: 2087
Ion Ratio Lower Upper
128 100
129 18.1 9.0 13.4#
127 17.7 10.7 16.1#

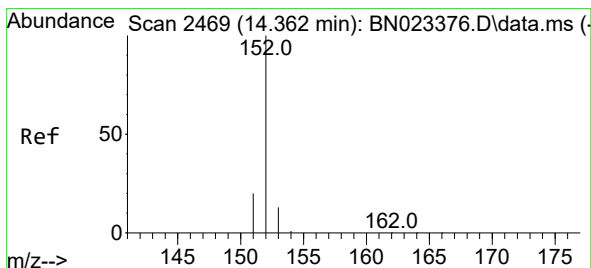
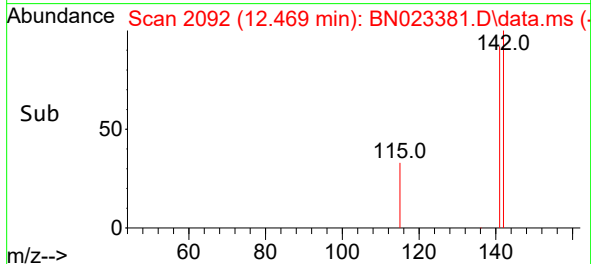
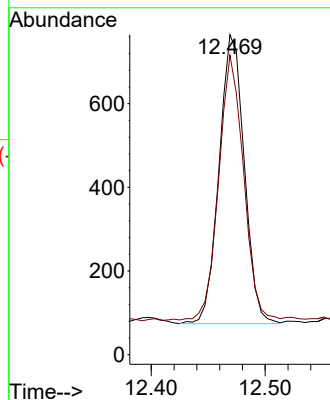
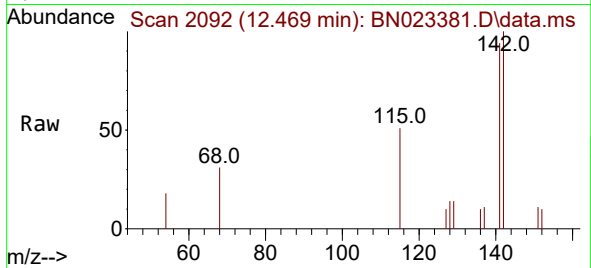




#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

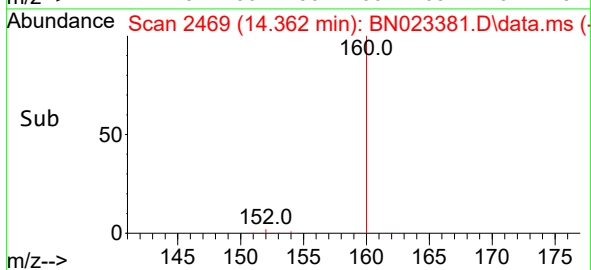
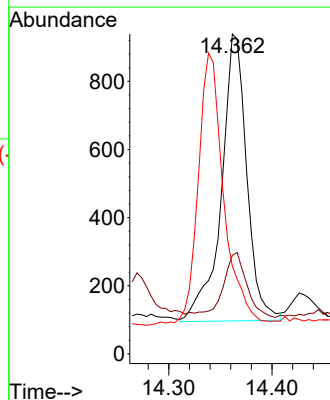
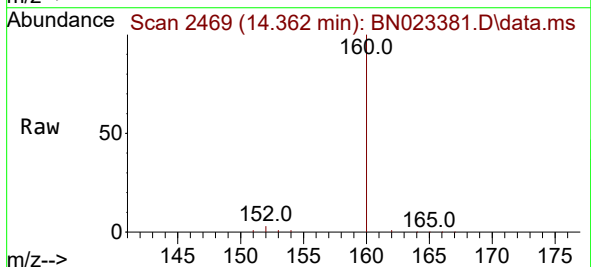
Instrument :
BNA_N
ClientSampleId :
DBXX4

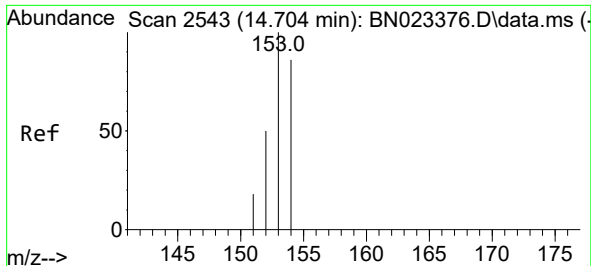
Tgt Ion:142 Resp: 1062
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion:152 Resp: 1445
Ion Ratio Lower Upper
152 100
151 30.9 16.1 24.1#
153 27.5 10.9 16.3#

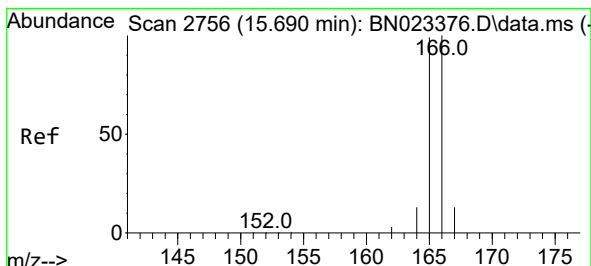
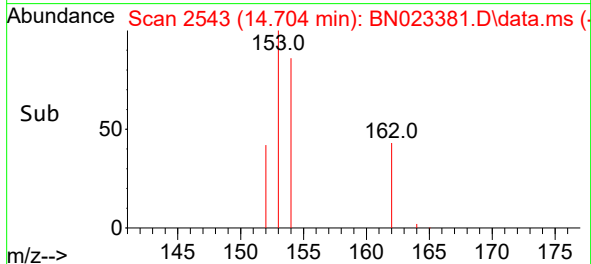
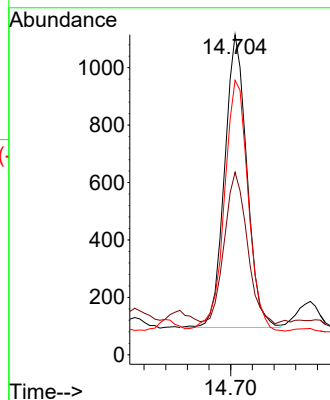
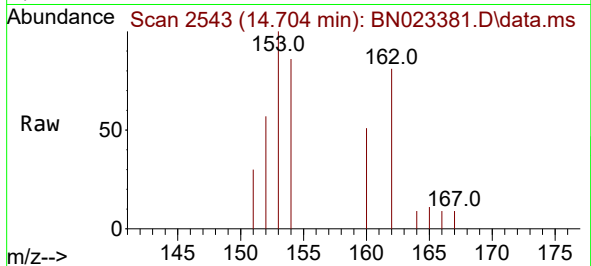




#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.704 min Scan# 214
Delta R.T. -0.002 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

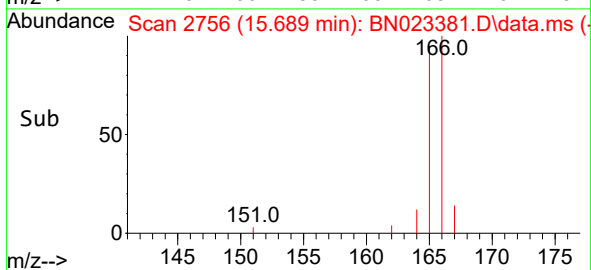
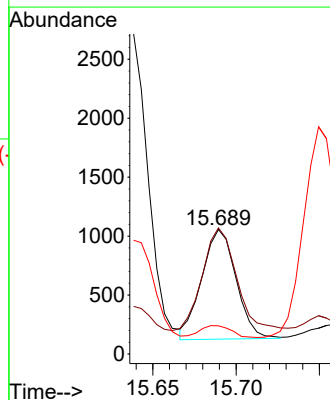
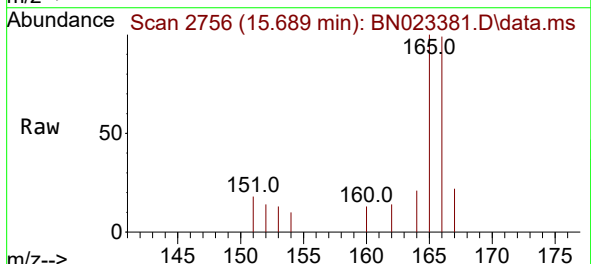
Instrument :
BNA_N
ClientSampleId :
DBXX4

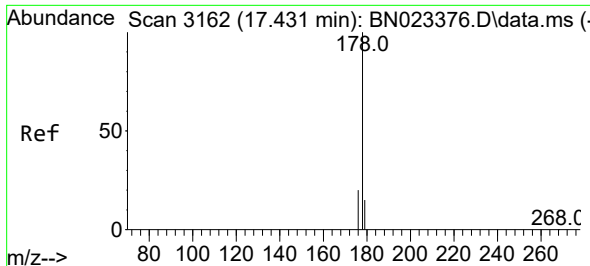
Tgt Ion:153 Resp: 1460
Ion Ratio Lower Upper
153 100
152 57.0 41.0 61.4
154 85.7 69.5 104.3



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.689 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion:166 Resp: 1334
Ion Ratio Lower Upper
166 100
165 101.3 79.1 118.7
167 22.7 11.0 16.4#

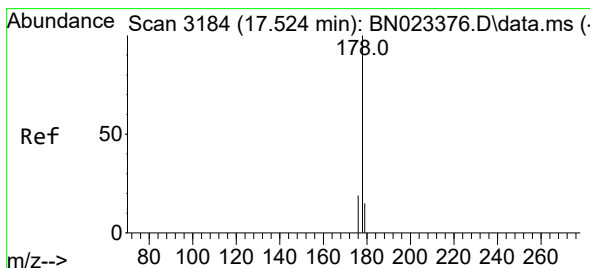
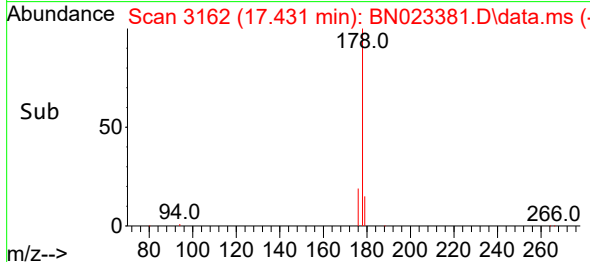
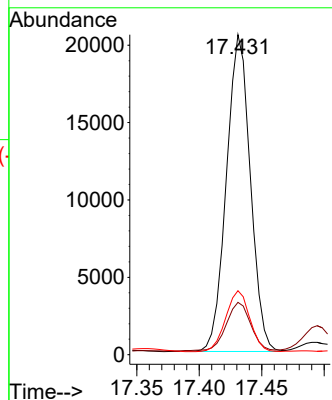
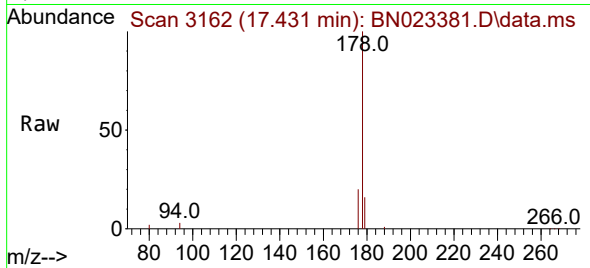




#15
Phenanthrene
Concen: 0.270 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

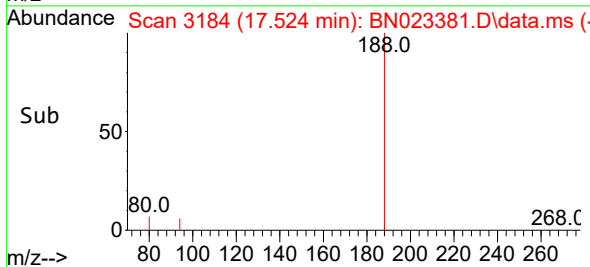
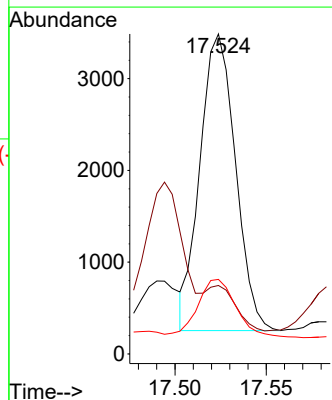
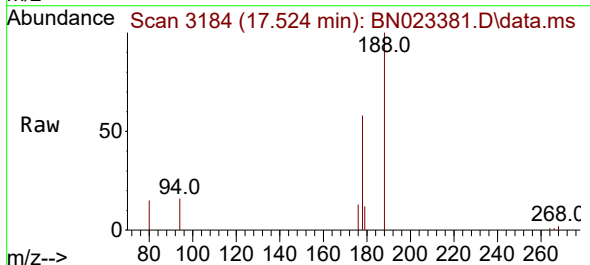
Instrument :
BNA_N
ClientSampleId :
DBXX4

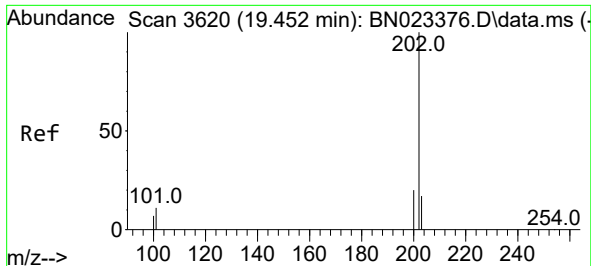
Tgt Ion:178 Resp: 27237
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.052 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.002 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion:178 Resp: 4369
Ion Ratio Lower Upper
178 100
179 21.4 12.6 18.8#
176 23.3 15.4 23.0#

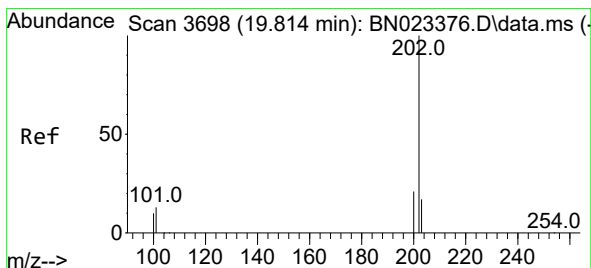
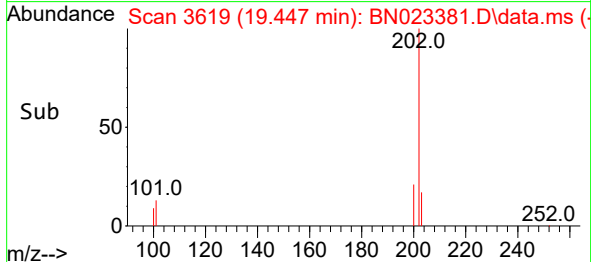
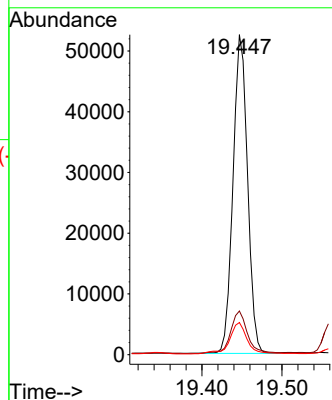
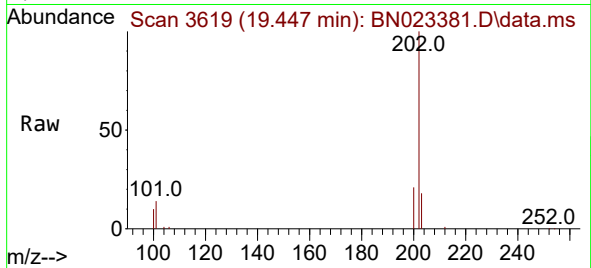




#19
Fluoranthene
Concen: 0.566 ng/ul
RT: 19.447 min Scan# 3619
Delta R.T. -0.002 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

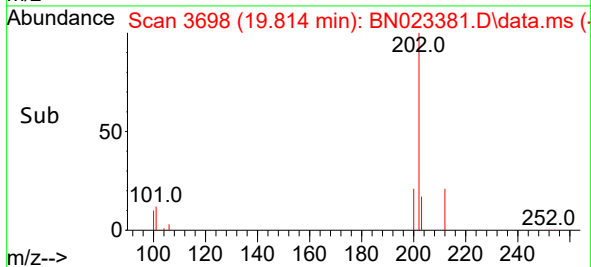
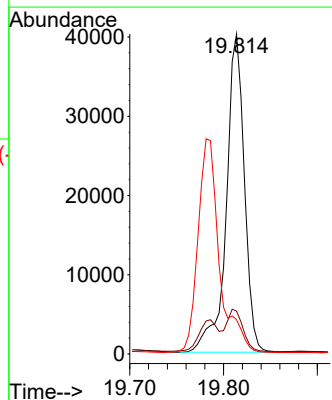
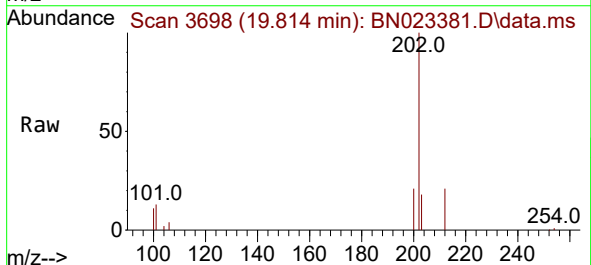
Instrument :
BNA_N
ClientSampleId :
DBXX4

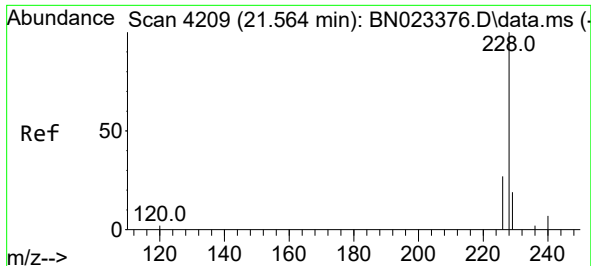
Tgt Ion:202 Resp: 66232
Ion Ratio Lower Upper
202 100
101 13.6 9.4 14.2
100 10.1 7.0 10.6



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.814 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion:202 Resp: 53871
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 10.7 9.0 13.4

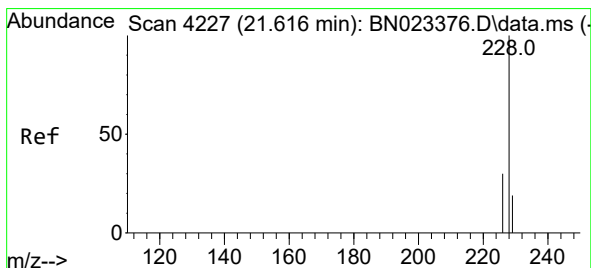
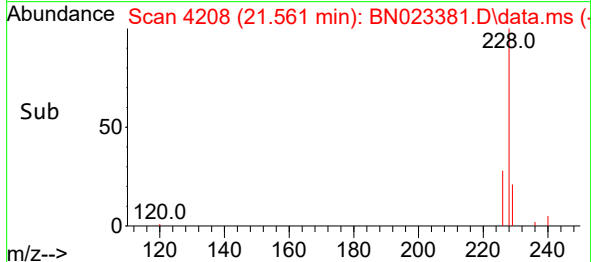
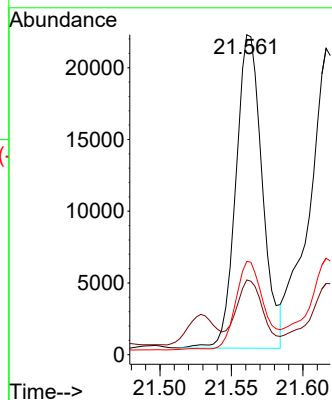
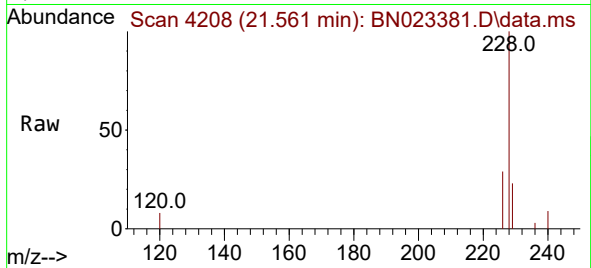




#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.561 min Scan# 4209
Delta R.T. -0.000 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

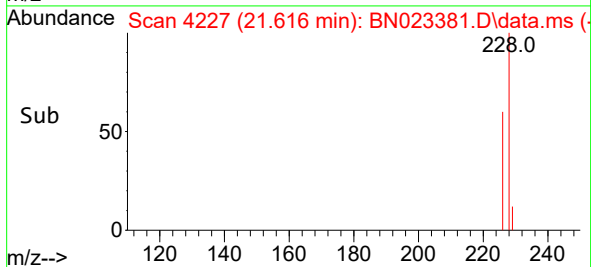
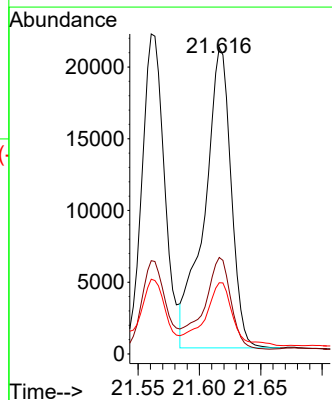
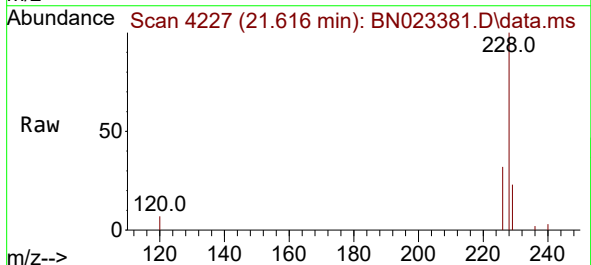
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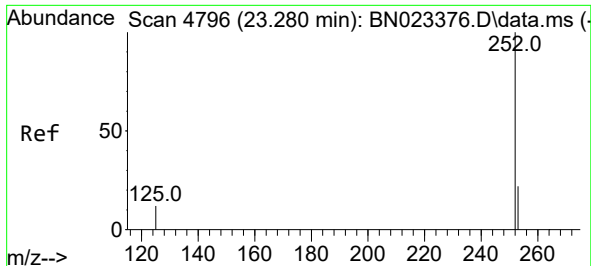
Tgt Ion:228 Resp: 28106
Ion Ratio Lower Upper
228 100
229 23.3 15.6 23.4
226 29.2 22.2 33.2



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion:228 Resp: 31629
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.2 15.8 23.6

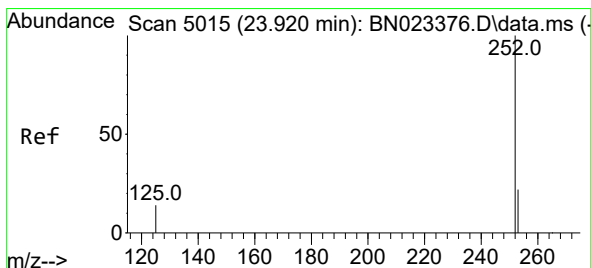
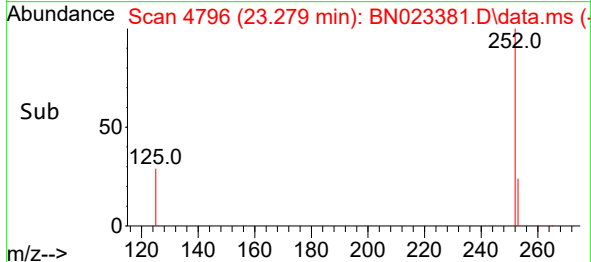
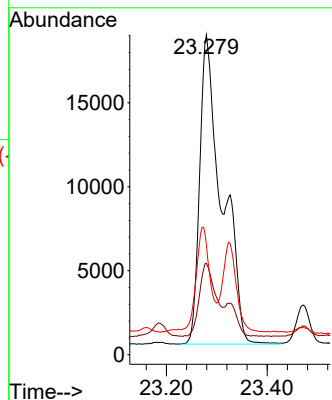
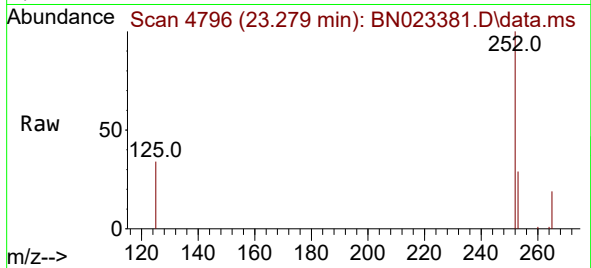




#24
Benzo(b)fluoranthene
Concen: 0.601 ng/ul
RT: 23.279 min Scan# 4796
Delta R.T. 0.005 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

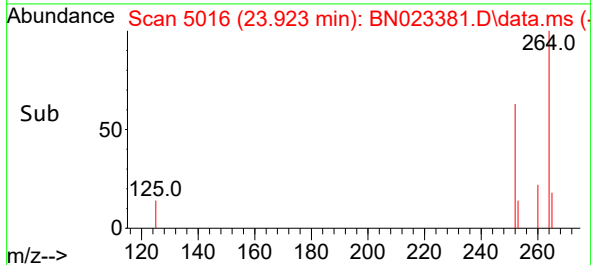
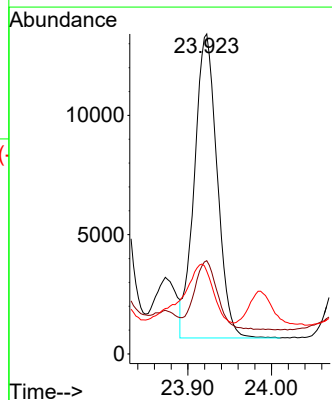
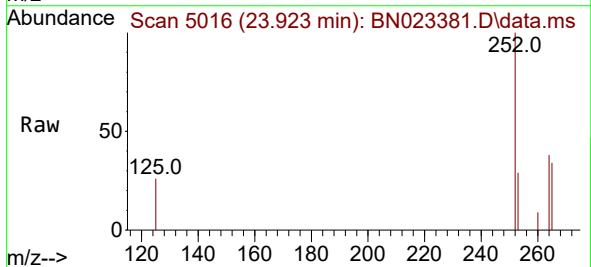
Instrument :
BNA_N
ClientSampleId :
DBXX4

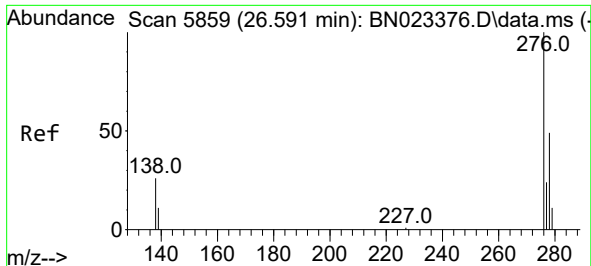
Tgt Ion:252 Resp: 56248
Ion Ratio Lower Upper
252 100
253 28.5 0.0 49.2
125 34.3 0.0 31.8#



#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.923 min Scan# 5016
Delta R.T. 0.008 min
Lab File: BN023381.D
Acq: 23 Dec 2022 20:52

Tgt Ion:252 Resp: 24065
Ion Ratio Lower Upper
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253 29.1 21.4 32.2
125 25.9 16.2 24.4#

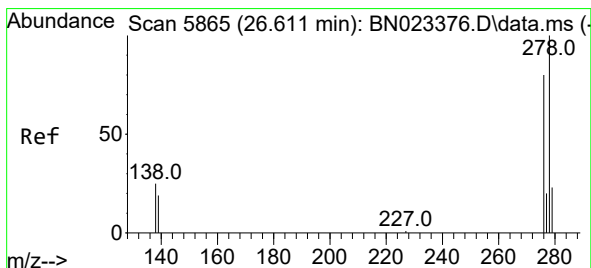
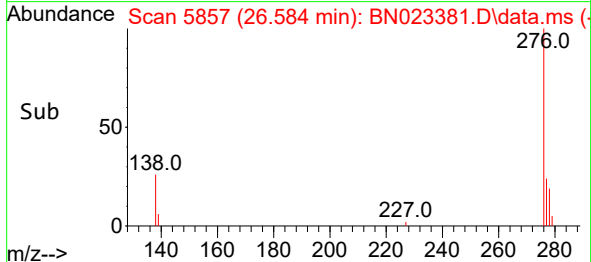
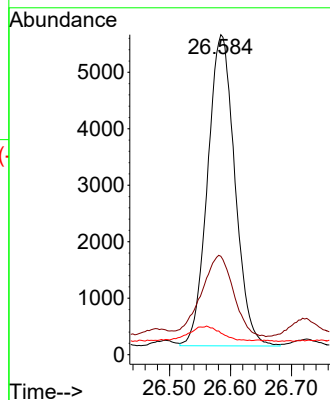
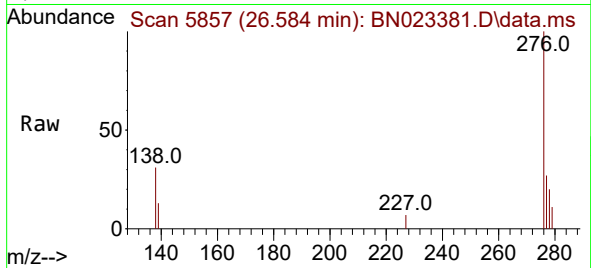




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.198 ng/ul
 RT: 26.584 min Scan# 5857
 Delta R.T. 0.006 min
 Lab File: BN023381.D
 Acq: 23 Dec 2022 20:52

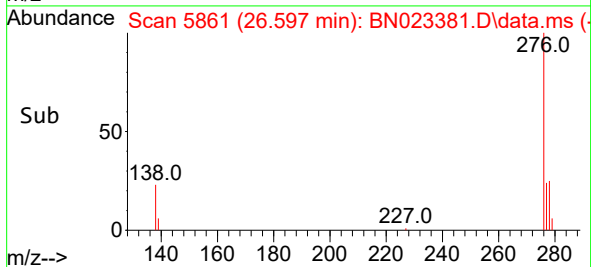
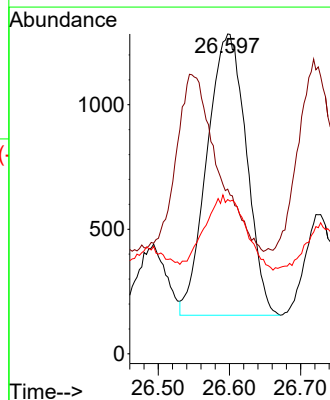
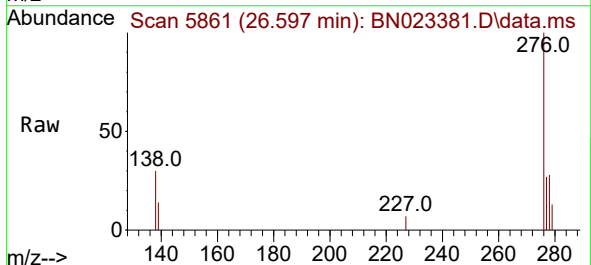
Instrument :
 BNA_N
 ClientSampleId :
 DBXX4

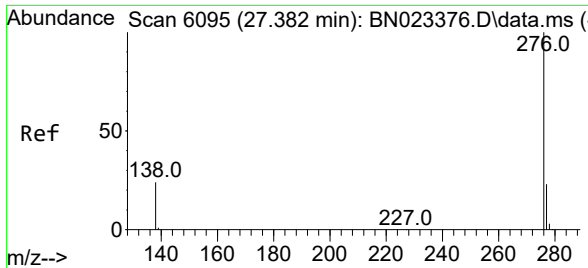
Tgt Ion:276 Resp: 17100
 Ion Ratio Lower Upper
 276 100
 138 30.8 23.4 35.2
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.064 ng/ul
 RT: 26.597 min Scan# 5861
 Delta R.T. -0.004 min
 Lab File: BN023381.D
 Acq: 23 Dec 2022 20:52

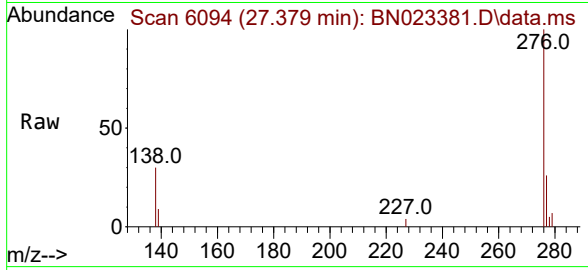
Tgt Ion:278 Resp: 4323
 Ion Ratio Lower Upper
 278 100
 139 51.5 16.6 24.8#
 279 48.2 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.237 ng/ul
 RT: 27.379 min Scan# 6094
 Delta R.T. 0.010 min
 Lab File: BN023381.D
 Acq: 23 Dec 2022 20:52

Instrument :
 BNA_N
 ClientSampleId :
 DBXX4



Tgt Ion:	276	Resp:	16730
Ion Ratio	Lower	Upper	
276	100		
138	29.7	20.3	30.5
277	25.9	19.7	29.5

