

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
 Data File : BN023848.D
 Acq On : 30 Jan 2023 16:52
 Operator : CG/JU
 Sample : SST0.873
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8233

Quant Time: Jan 31 01:46:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 01:40:05 2023
 Response via : Initial Calibration

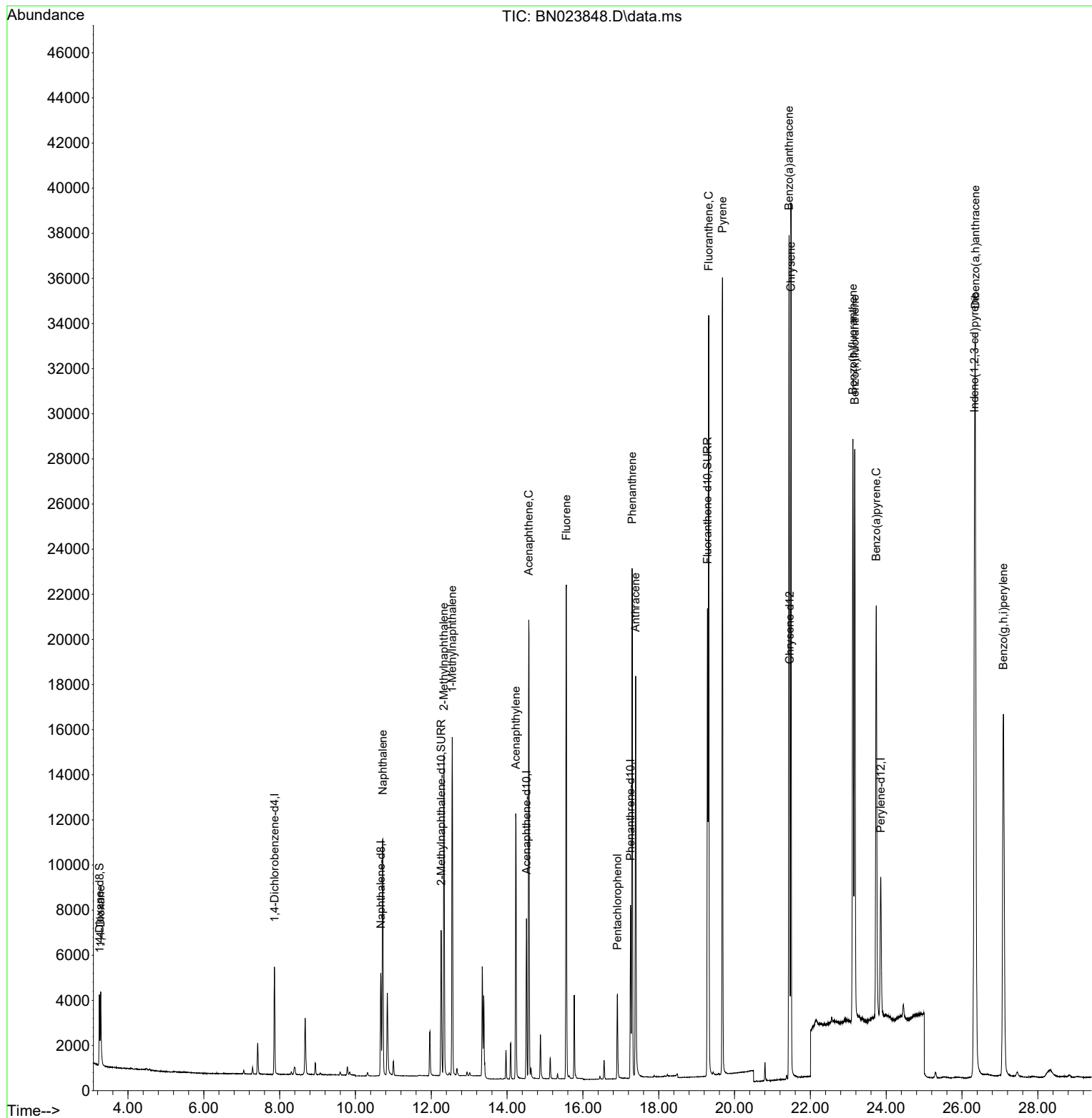
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	6111	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.512	164	3851	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	8958	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	10144	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	8903	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.247	96	2221	0.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	8353	0.889	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	23458	0.790	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	2298	0.829	ng/ul#	88
5) Naphthalene	10.722	128	14355	0.817	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	9526	0.844	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	9644	0.835	ng/ul	100
10) Acenaphthylene	14.230	152	13051	0.831	ng/ul	98
11) Acenaphthene	14.572	153	11316	0.818	ng/ul	99
12) Fluorene	15.562	166	13733	0.863	ng/ul	100
14) Pentachlorophenol	16.910	266	2528	0.875	ng/ul	99
15) Phenanthrene	17.298	178	23234	0.830	ng/ul	100
16) Anthracene	17.391	178	19835	0.826	ng/ul	98
19) Fluoranthene	19.319	202	29222	0.761	ng/ul	99
20) Pyrene	19.681	202	29687	0.734	ng/ul	99
21) Benzo(a)anthracene	21.435	228	29784	0.794	ng/ul	100
22) Chrysene	21.488	228	31333	0.830	ng/ul	99
24) Benzo(b)fluoranthene	23.122	252	35214	0.854	ng/ul	96
25) Benzo(k)fluoranthene	23.172	252	34462	0.889	ng/ul	96
26) Benzo(a)pyrene	23.739	252	29590	0.863	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.329	276	42816	1.006	ng/ul	99
28) Dibenzo(a,h)anthracene	26.350	278	34435	1.021	ng/ul	97
29) Benzo(g,h,i)perylene	27.091	276	35081	1.030	ng/ul	99

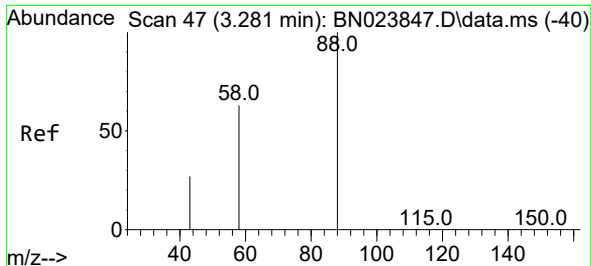
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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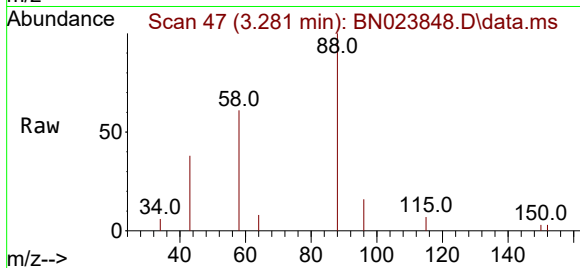
Quant Time: Jan 31 01:46:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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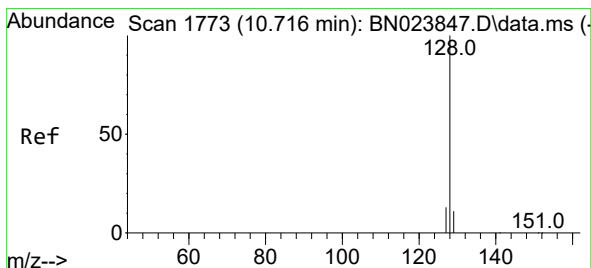
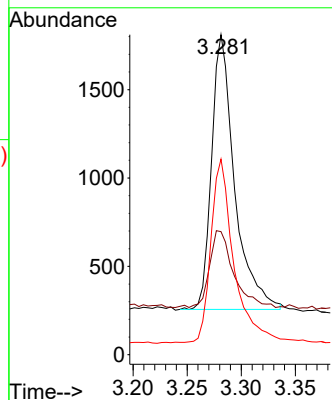
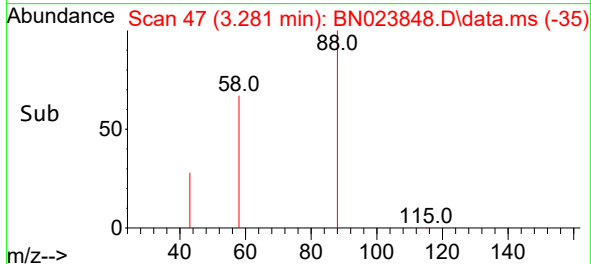


#2
1,4-Dioxane
Concen: 0.829 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

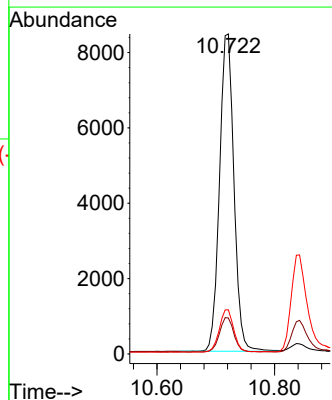
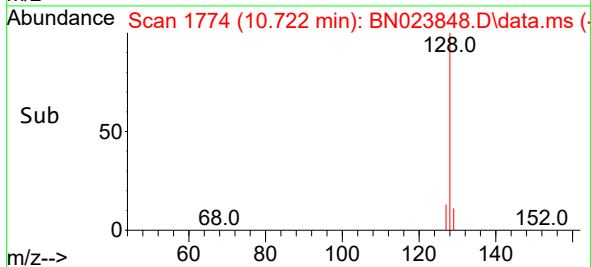
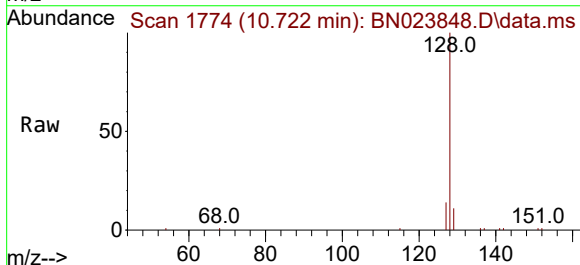


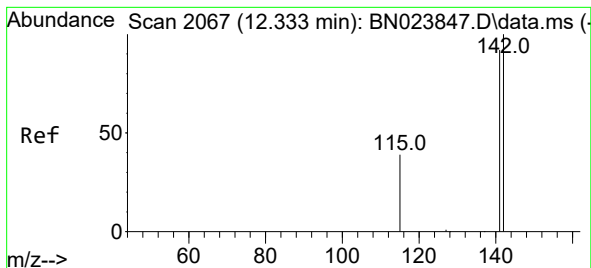
Tgt Ion: 88 Resp: 2298
Ion Ratio Lower Upper
88 100
43 38.5 41.9 62.9#
58 61.1 45.6 68.4



#5
Naphthalene
Concen: 0.817 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. 0.005 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:128 Resp: 14355
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.8 11.1 16.7

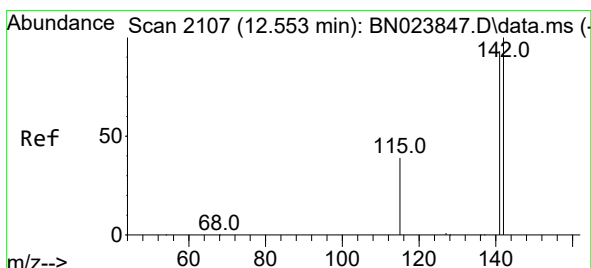
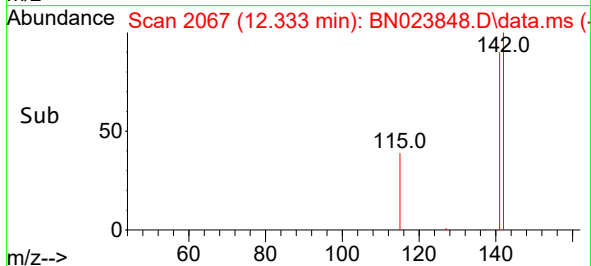
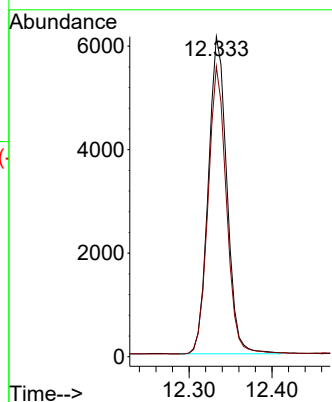
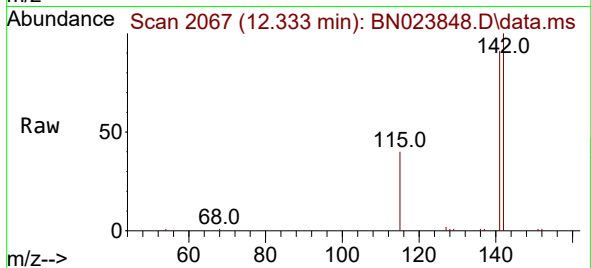




#7
2-Methylnaphthalene
Concen: 0.844 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

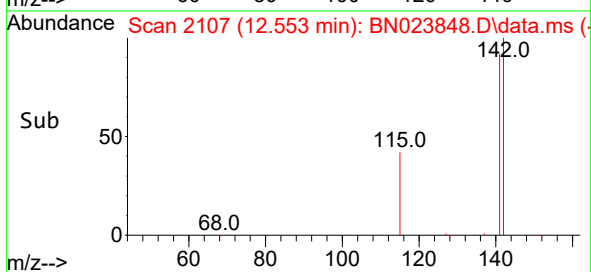
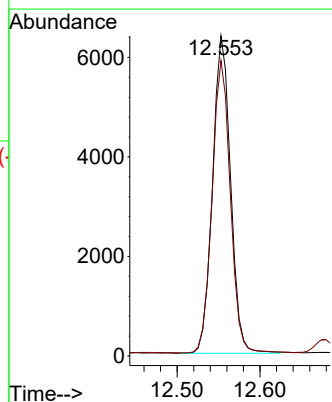
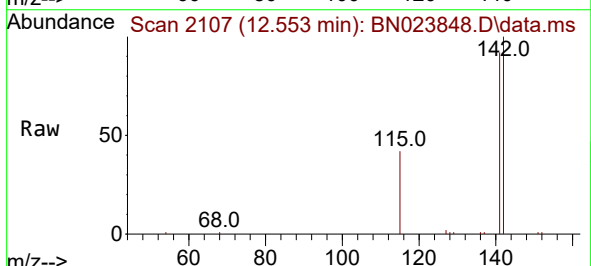
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

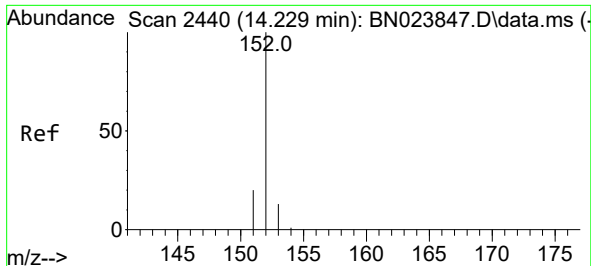
Tgt Ion:142 Resp: 9526
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.835 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:142 Resp: 9644
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

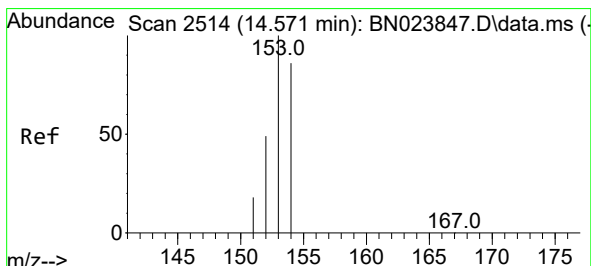
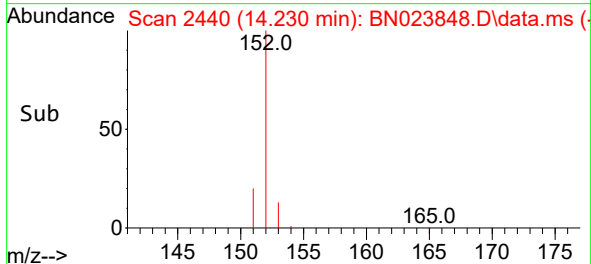
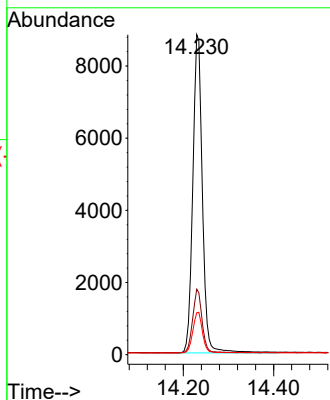
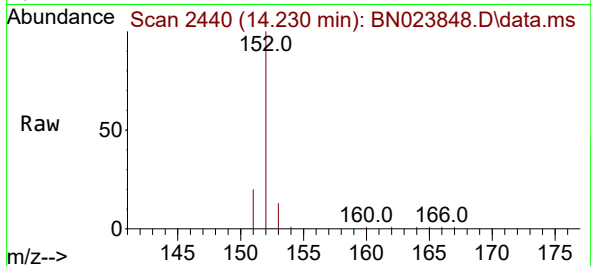




#10
Acenaphthylene
Concen: 0.831 ng/ul
RT: 14.230 min Scan# 2440
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

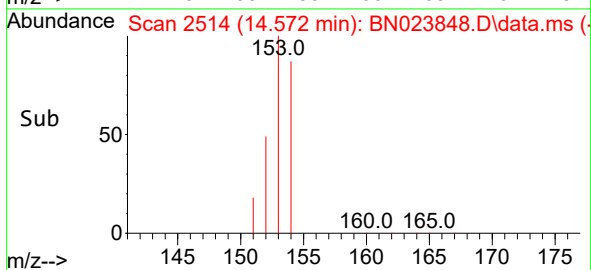
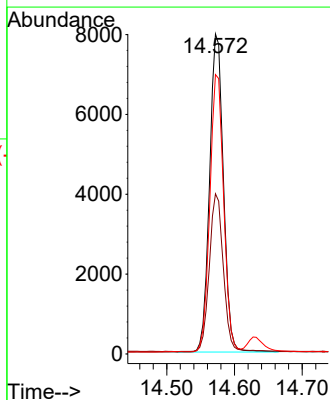
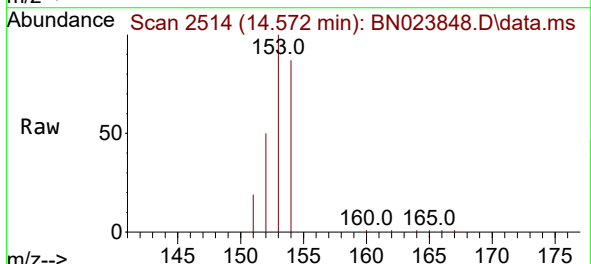
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BNA_N
ClientSampleId :
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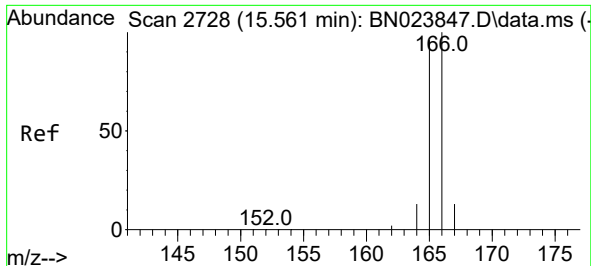
Tgt Ion:152 Resp: 13051
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.4
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 0.818 ng/ul
RT: 14.572 min Scan# 2514
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:153 Resp: 11316
Ion Ratio Lower Upper
153 100
152 50.1 39.6 59.4
154 87.3 68.8 103.2

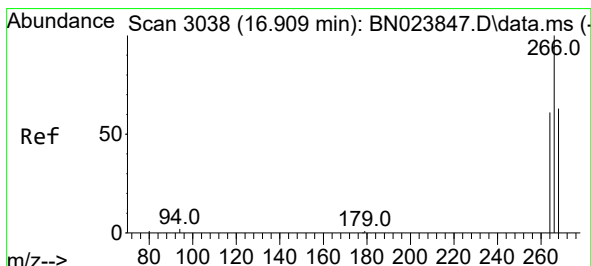
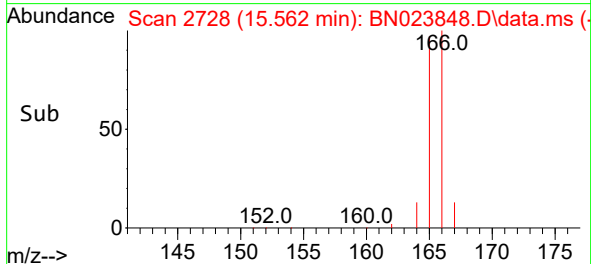
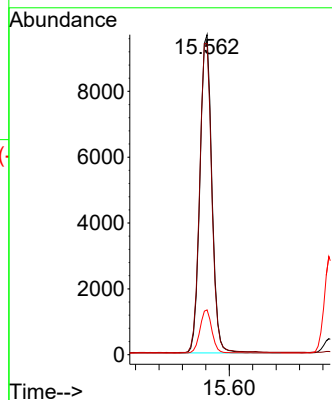
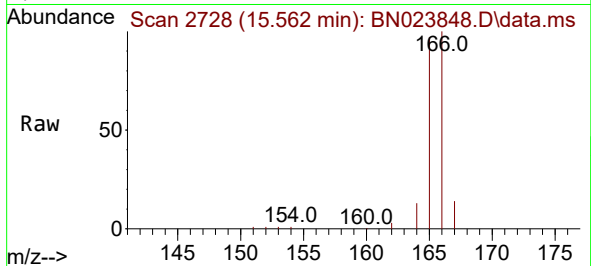




#12
Fluorene
Concen: 0.863 ng/ul
RT: 15.562 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

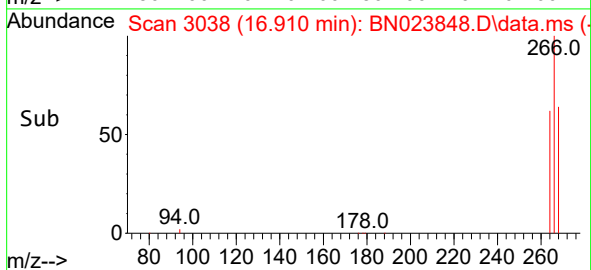
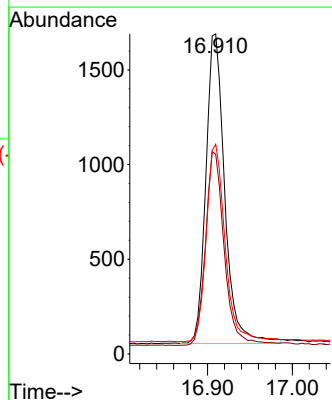
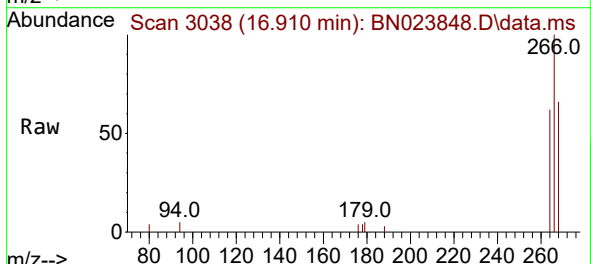
Instrument :
BNA_N
ClientSampleId :
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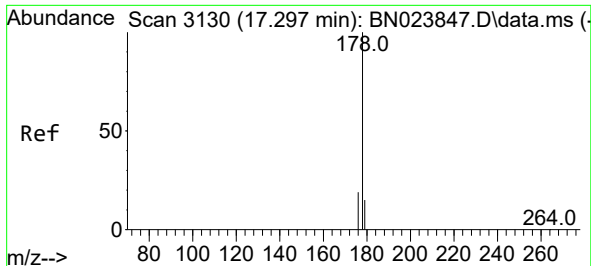
Tgt Ion:166 Resp: 13733
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.2
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.875 ng/ul
RT: 16.910 min Scan# 3038
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:266 Resp: 2528
Ion Ratio Lower Upper
266 100
264 62.3 49.4 74.0
268 63.9 52.0 78.0

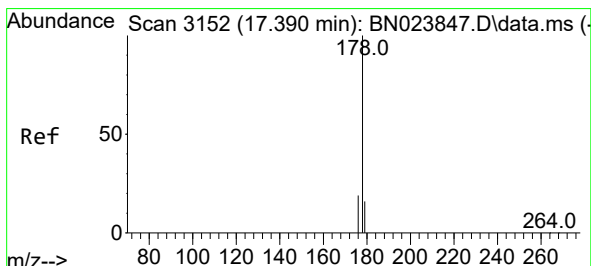
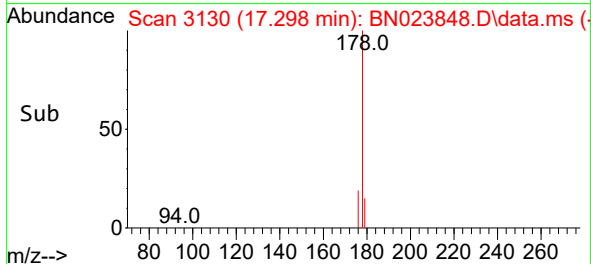
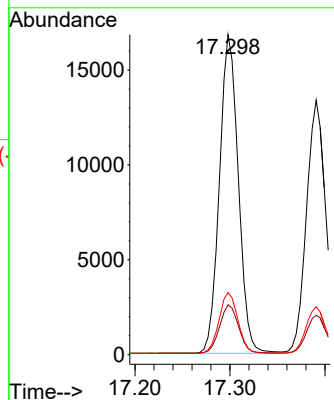
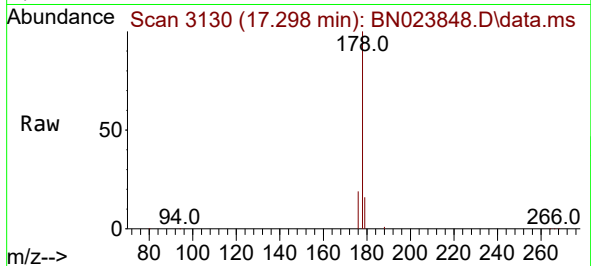




#15
Phenanthrene
Concen: 0.830 ng/ul
RT: 17.298 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

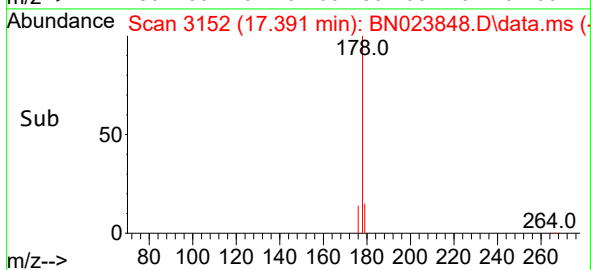
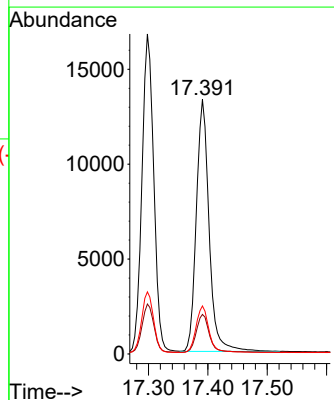
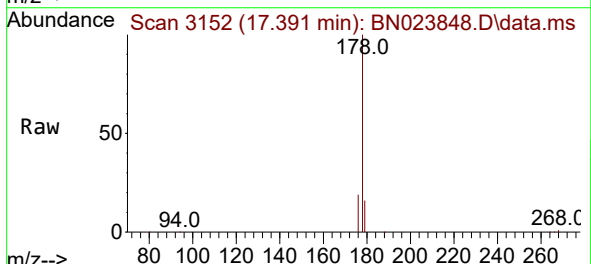
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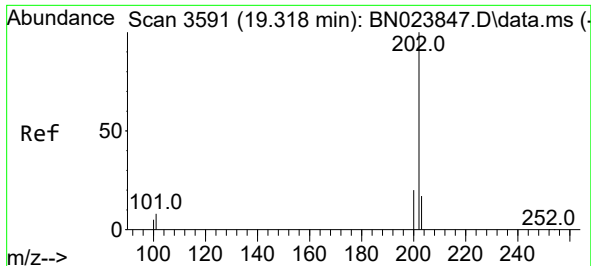
Tgt Ion:178 Resp: 23234
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.7 23.5



#16
Anthracene
Concen: 0.826 ng/ul
RT: 17.391 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:178 Resp: 19835
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.0
176 18.9 15.4 23.2

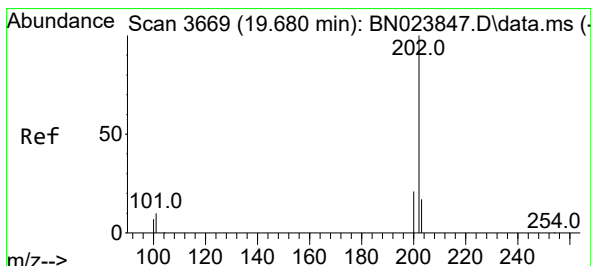
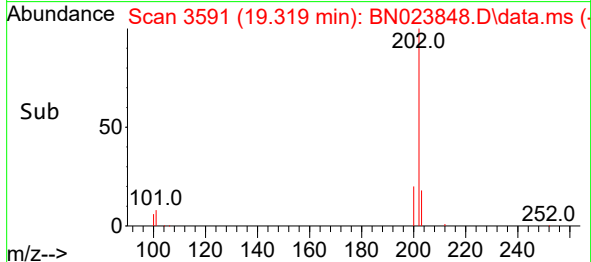
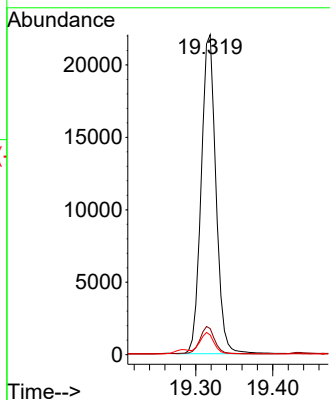
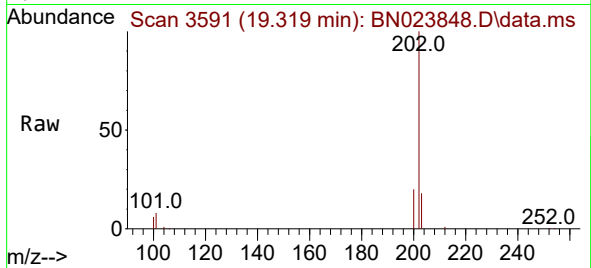




#19
Fluoranthene
Concen: 0.761 ng/ul
RT: 19.319 min Scan# 3591
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

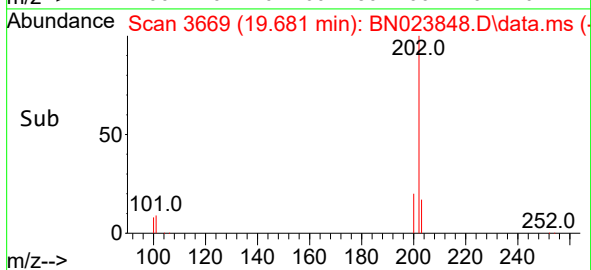
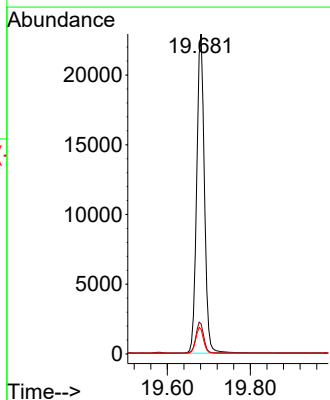
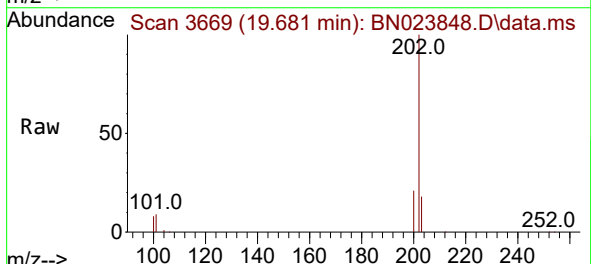
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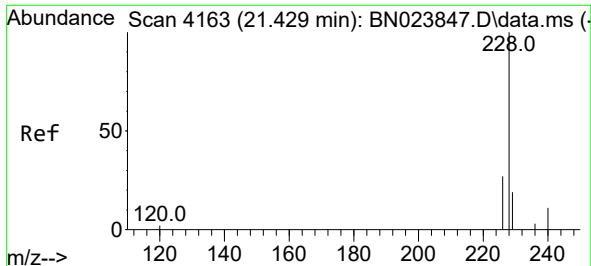
Tgt Ion:202 Resp: 29222
Ion Ratio Lower Upper
202 100
101 8.1 6.8 10.2
100 6.1 5.2 7.8



#20
Pyrene
Concen: 0.734 ng/ul
RT: 19.681 min Scan# 3669
Delta R.T. 0.001 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

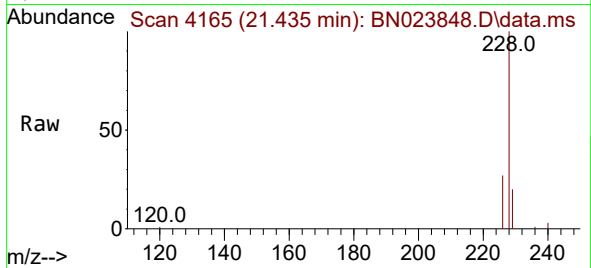
Tgt Ion:202 Resp: 29687
Ion Ratio Lower Upper
202 100
101 9.4 8.1 12.1
100 7.8 6.2 9.4



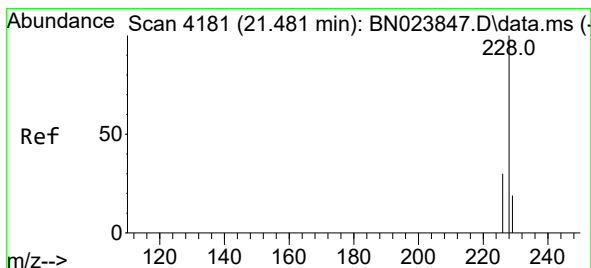
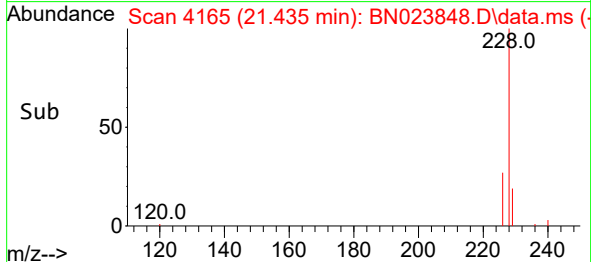
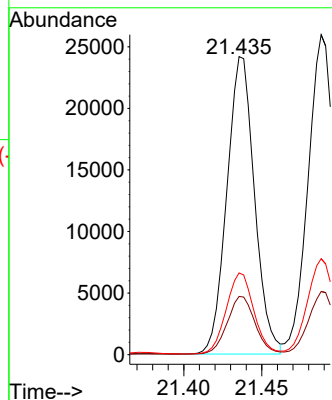


#21
Benzo(a)anthracene
Concen: 0.794 ng/ul
RT: 21.435 min Scan# 4163
Delta R.T. 0.007 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

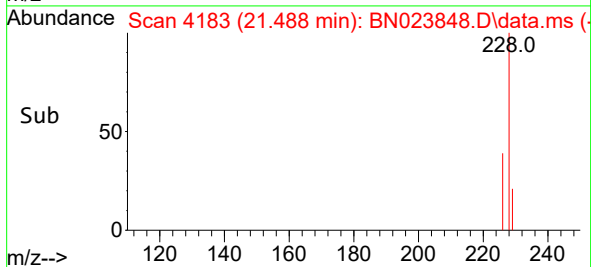
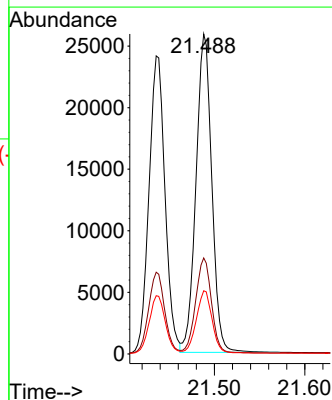
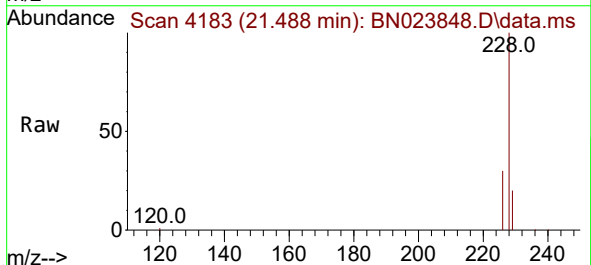


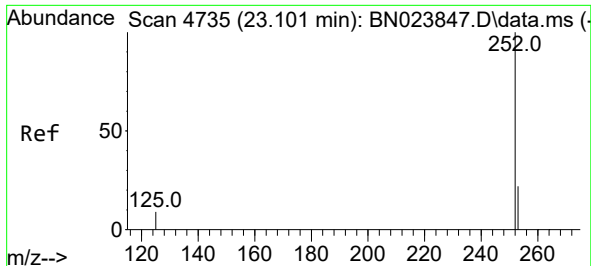
Tgt Ion:228 Resp: 29784
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.830 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. 0.007 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

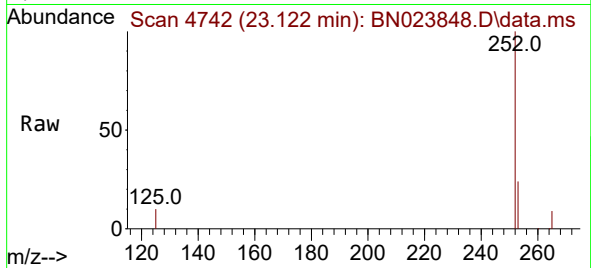
Tgt Ion:228 Resp: 31333
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.7 15.5 23.3



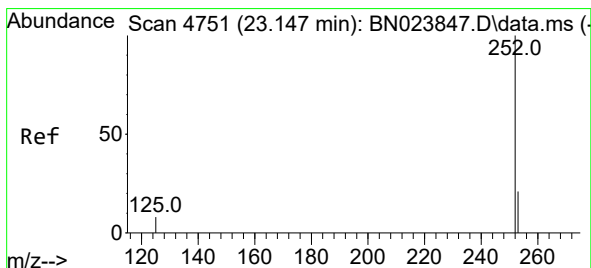
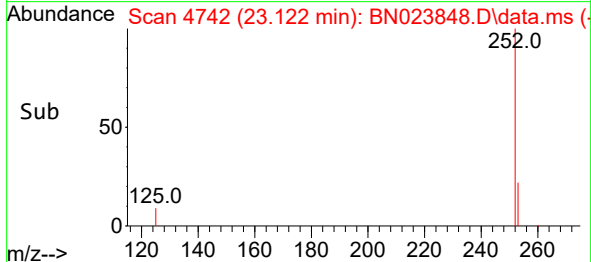
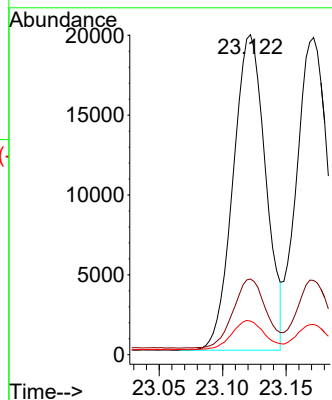


#24
Benzo(b)fluoranthene
Concen: 0.854 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. 0.021 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

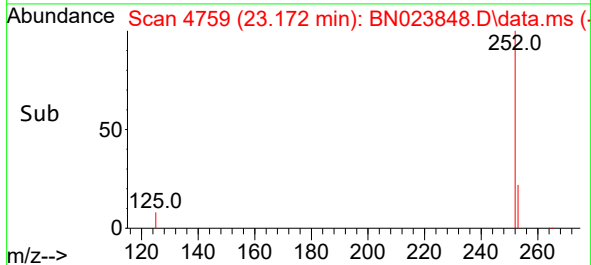
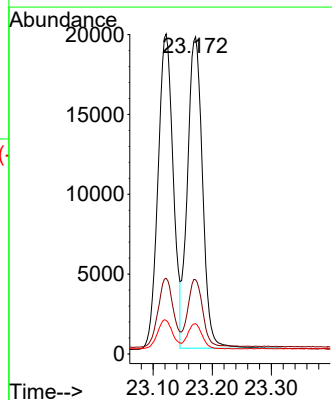
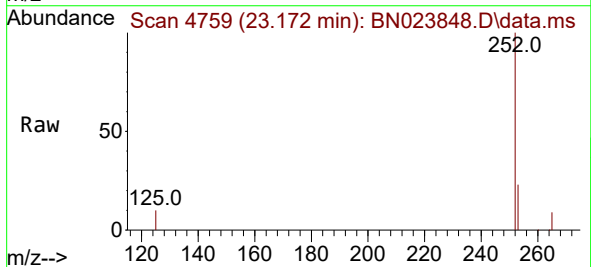


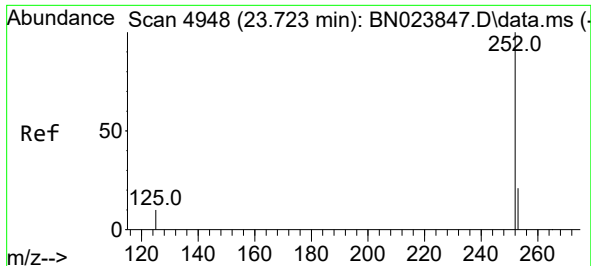
Tgt Ion:252 Resp: 35214
Ion Ratio Lower Upper
252 100
253 23.7 0.0 51.8
125 10.5 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.889 ng/ul
RT: 23.172 min Scan# 4759
Delta R.T. 0.024 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:252 Resp: 34462
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 9.6 9.0 13.4

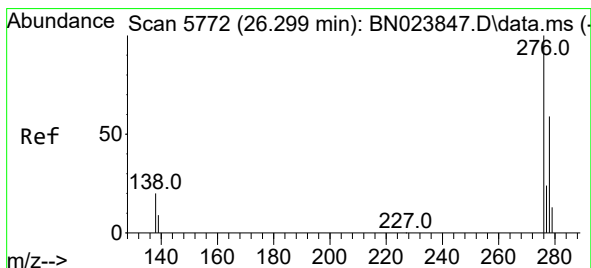
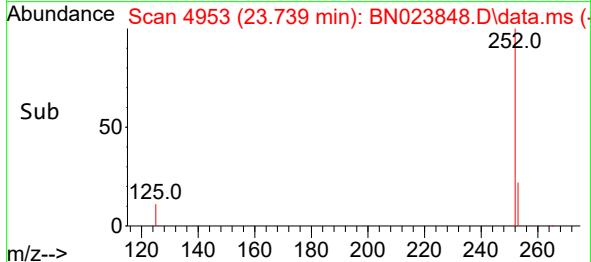
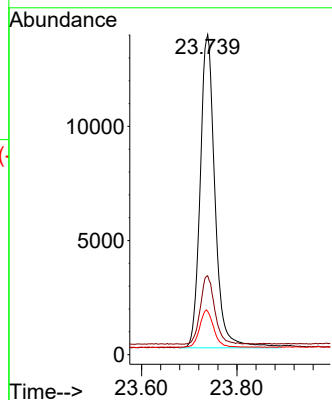
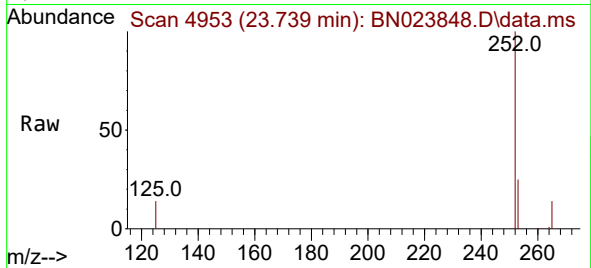




#26
Benzo(a)pyrene
Concen: 0.863 ng/ul
RT: 23.739 min Scan# 4948
Delta R.T. 0.015 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

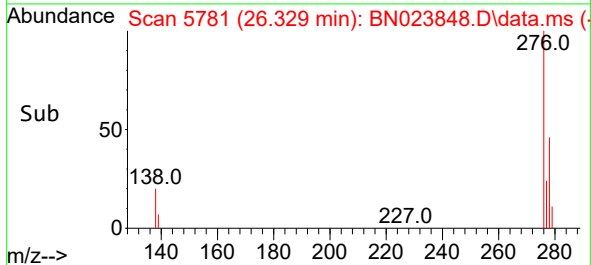
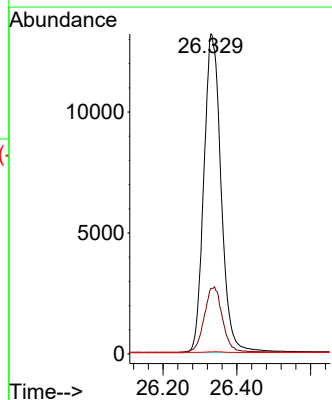
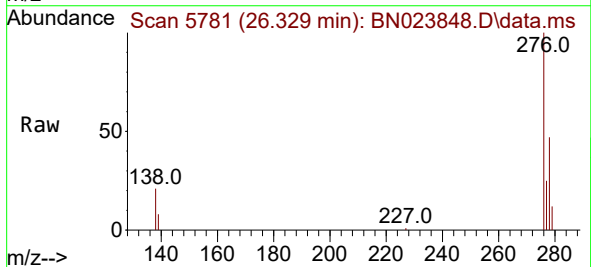
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

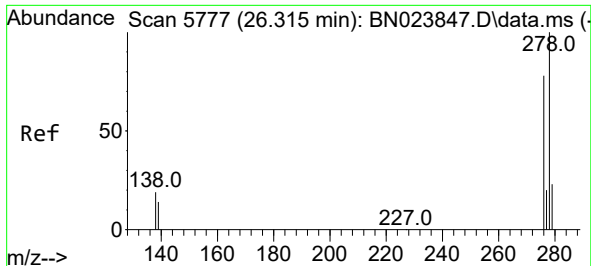
Tgt Ion:252 Resp: 29590
Ion Ratio Lower Upper
252 100
253 24.6 21.5 32.3
125 13.5 11.2 16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.006 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.031 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:276 Resp: 42816
Ion Ratio Lower Upper
276 100
138 21.6 17.0 25.6
227 0.2 0.2 0.4

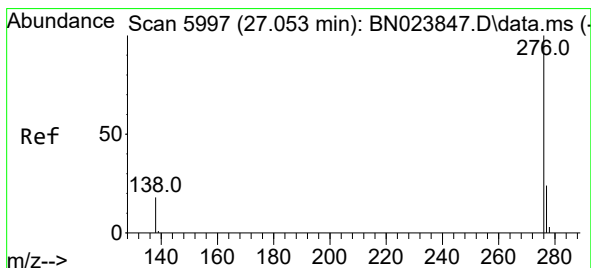
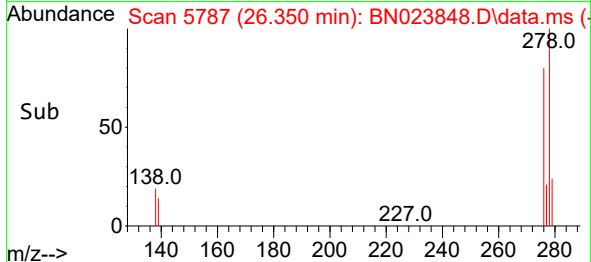
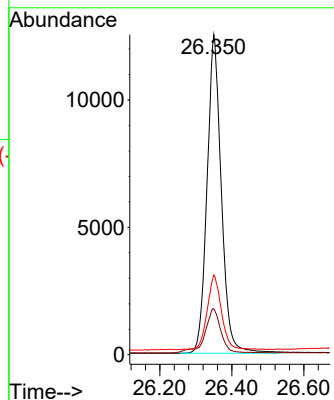
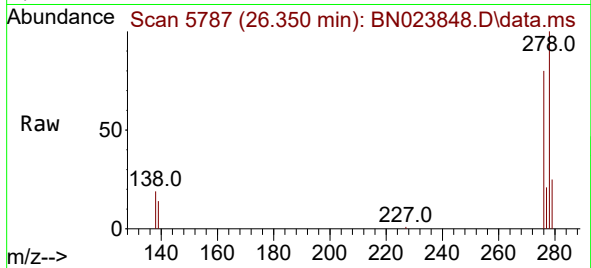




#28
Dibenzo(a,h)anthracene
Concen: 1.021 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.034 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:278 Resp: 34435
Ion Ratio Lower Upper
278 100
139 14.3 12.3 18.5
279 24.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 1.030 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.038 min
Lab File: BN023848.D
Acq: 30 Jan 2023 16:52

Tgt Ion:276 Resp: 35081
Ion Ratio Lower Upper
276 100
138 19.3 15.3 22.9
277 24.1 19.9 29.9

