

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029977.D
 Acq On : 24 Feb 2024 04:41
 Operator : MA/JU
 Sample : P1507-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20240214

Quant Time: Feb 24 05:07:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

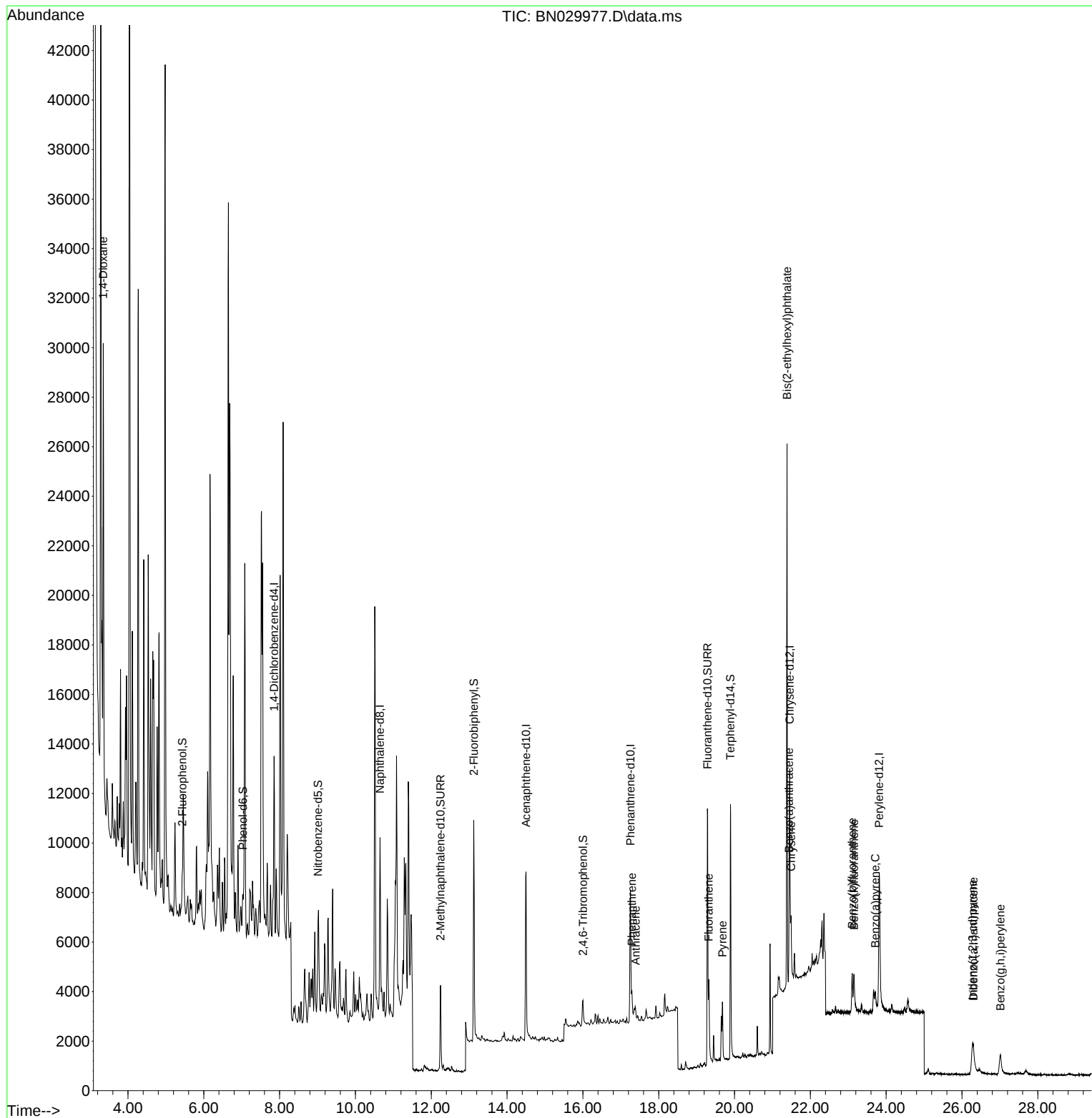
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3764	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	10031	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	4861	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	9471	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9768	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	9969	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1328	0.147	ng	0.00
5) Phenol-d6	7.031	99	1191	0.114	ng	0.00
8) Nitrobenzene-d5	9.014	82	3525	0.422	ng	-0.02
11) 2-Methylnaphthalene-d10	12.246	152	5283	0.387	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	734	0.471	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8358	0.401	ng	-0.01
27) Fluoranthene-d10	19.289	212	12832	0.559	ng	0.00
31) Terphenyl-d14	19.893	244	11127	0.459	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	10343	1.952	ng	# 87
25) Phenanthrene	17.293	178	1005	0.036	ng	97
26) Anthracene	17.392	178	594	0.025	ng	# 94
28) Fluoranthene	19.317	202	1849	0.059	ng	# 47
30) Pyrene	19.680	202	2135	0.047	ng	97
32) Benzo(a)anthracene	21.438	228	1716	0.051	ng	92
33) Chrysene	21.492	228	1917	0.051	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.384	149	19441	0.855	ng	99
36) Indeno(1,2,3-cd)pyrene	26.276	276	2278	0.057	ng	# 86
37) Benzo(b)fluoranthene	23.104	252	2393	0.067	ng	# 34
38) Benzo(k)fluoranthene	23.151	252	2391	0.064	ng	# 24
39) Benzo(a)pyrene	23.712	252	1334	0.043	ng	# 1
40) Dibenzo(a,h)anthracene	26.303	278	1805	0.057	ng	# 31
41) Benzo(g,h,i)perylene	27.016	276	2145	0.055	ng	# 77

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

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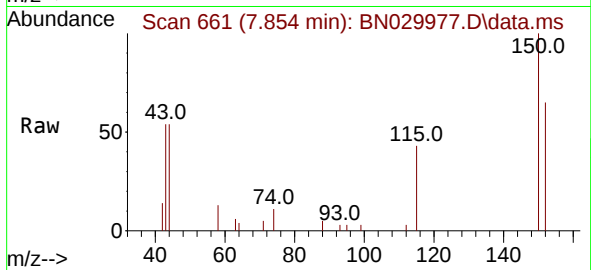
Quant Time: Feb 24 05:07:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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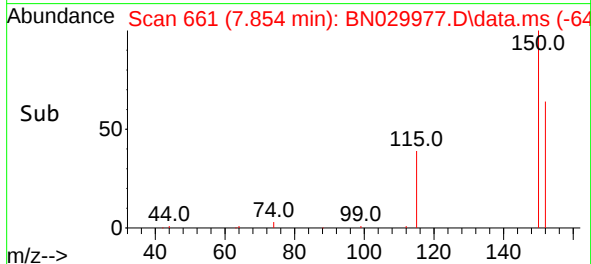
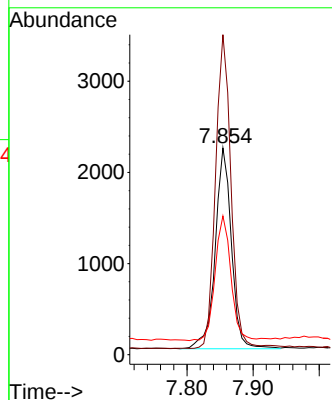
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. -0.015 min
 Lab File: BN029977.D
 Acq: 24 Feb 2024 04:41

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20240214



Tgt Ion:152 Resp: 3764

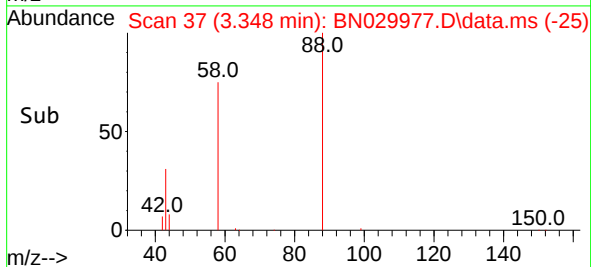
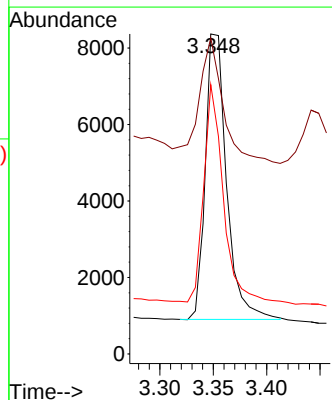
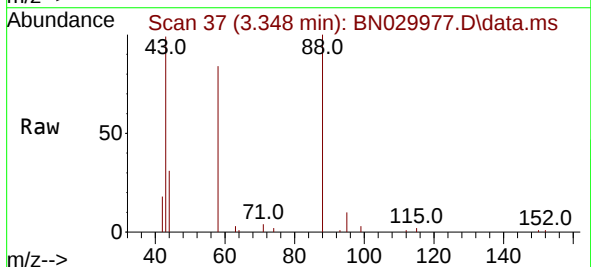
Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.4
115	67.1	51.4	77.0



#2
 1,4-Dioxane
 Concen: 1.952 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.015 min
 Lab File: BN029977.D
 Acq: 24 Feb 2024 04:41

Tgt Ion: 88 Resp: 10343

Ion	Ratio	Lower	Upper
88	100		
43	51.1	23.3	34.9#
58	68.3	53.8	80.6

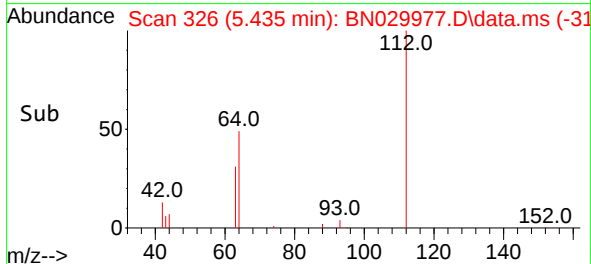
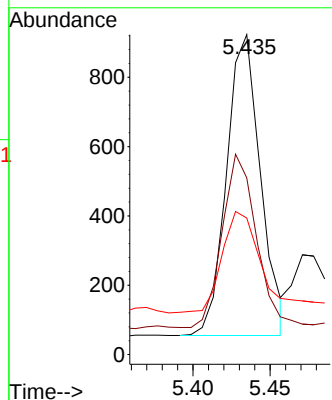
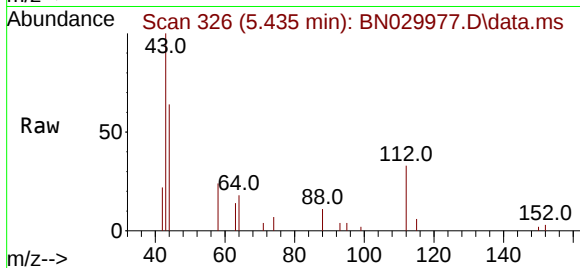




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

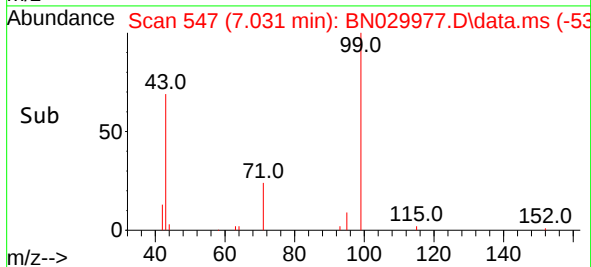
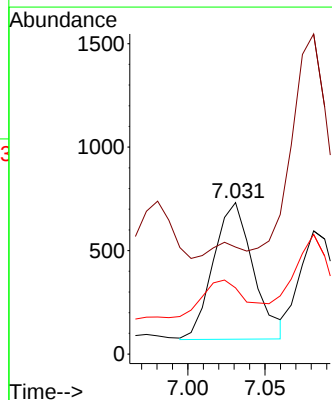
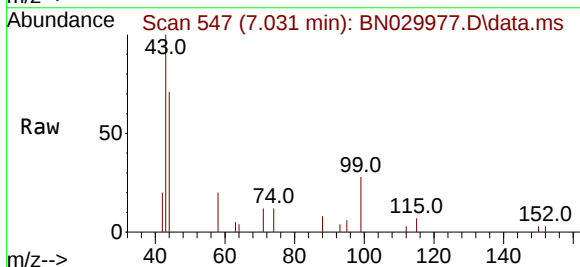
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

Tgt Ion: 112 Resp: 1328
Ion Ratio Lower Upper
112 100
64 59.3 47.2 70.8
63 45.1 25.8 38.6#



#5
Phenol-d6
Concen: 0.114 ng
RT: 7.031 min Scan# 547
Delta R.T. -0.007 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion: 99 Resp: 1191
Ion Ratio Lower Upper
99 100
42 14.9 16.9 25.3#
71 44.2 30.0 45.0

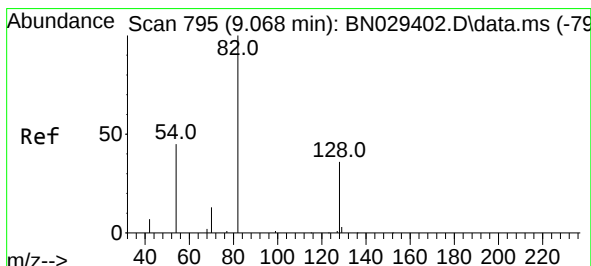
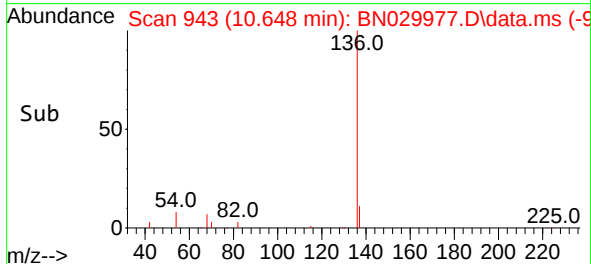
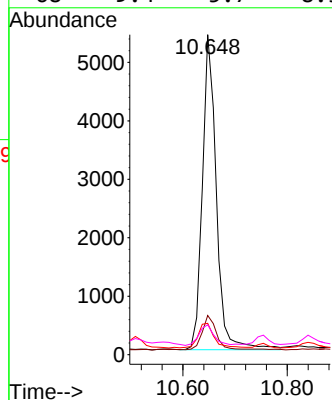
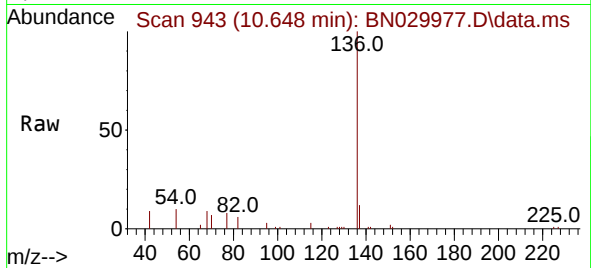




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

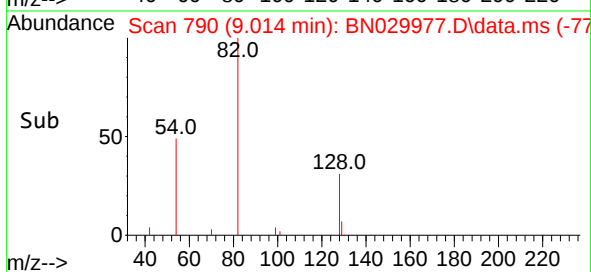
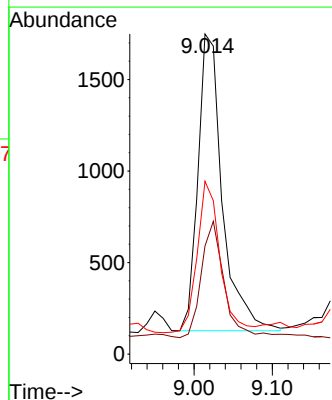
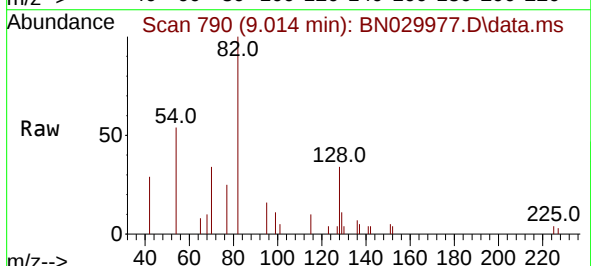
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

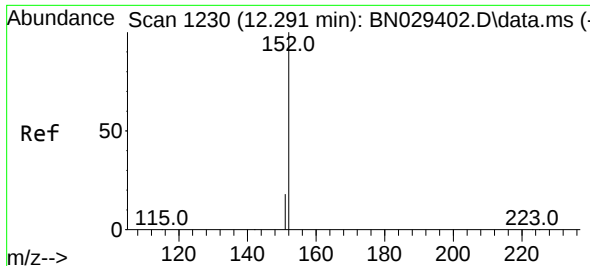
Tgt Ion:	136	Resp:	10031
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.7	14.5
54	9.8	6.6	10.0
68	9.4	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.021 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion:	82	Resp:	3525
Ion Ratio	Lower	Upper	
82	100		
128	33.8	31.6	47.4
54	54.0	38.2	57.4

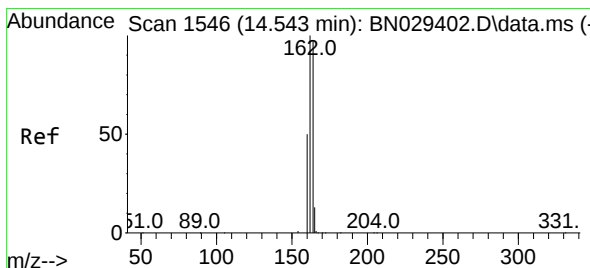
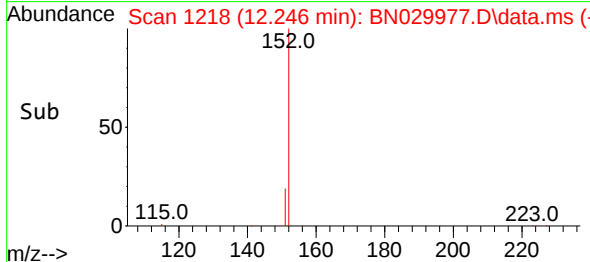
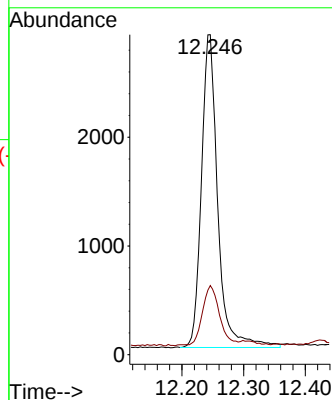
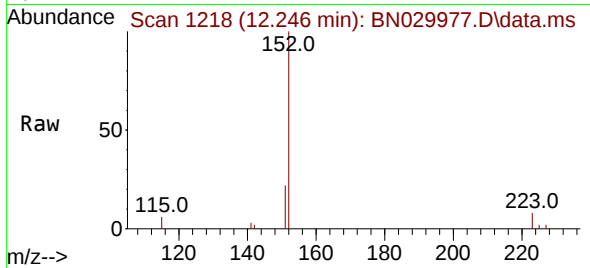




#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

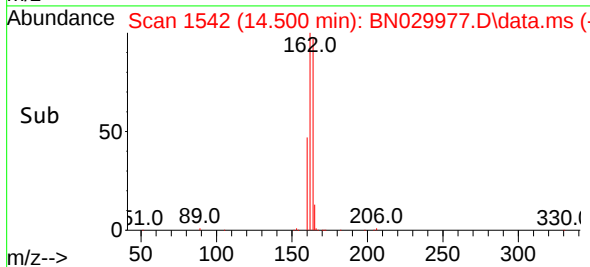
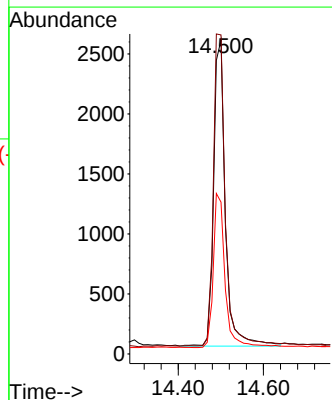
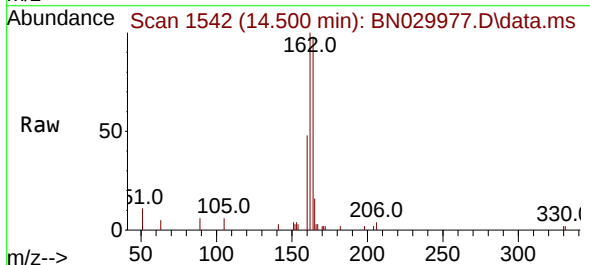
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

Tgt Ion:152 Resp: 5283
Ion Ratio Lower Upper
152 100
151 19.5 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion:164 Resp: 4861
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 48.4 41.5 62.3

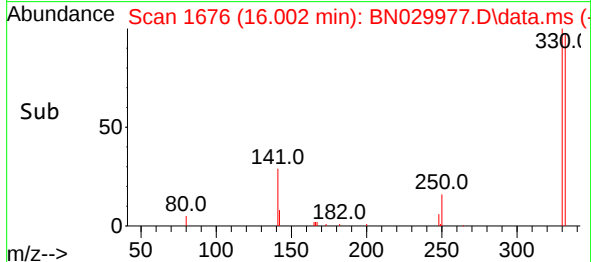
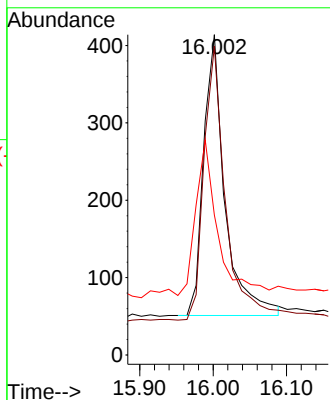
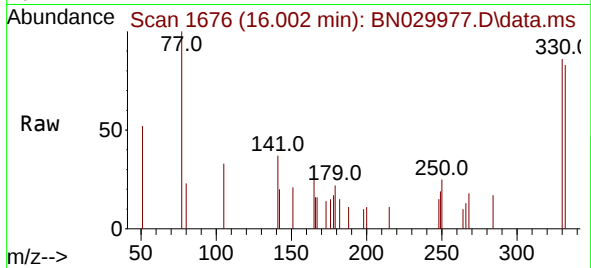




#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

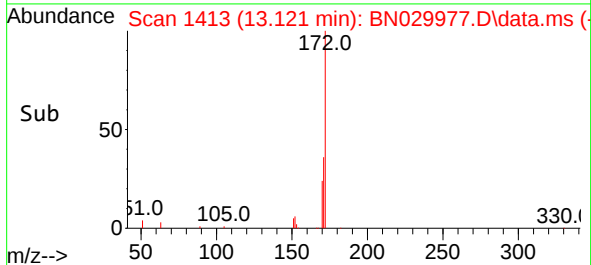
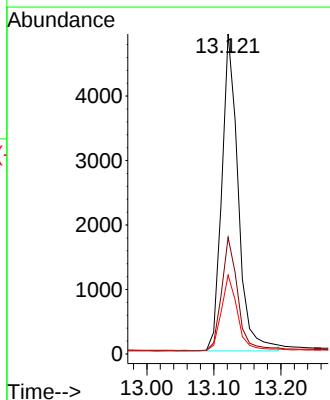
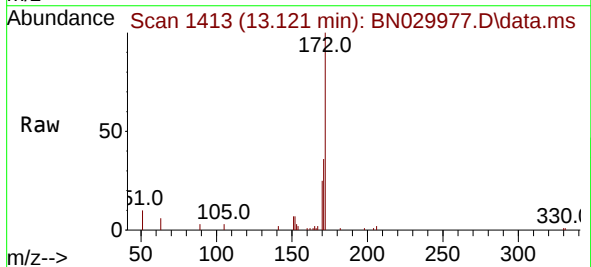
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RE131D3-20240214

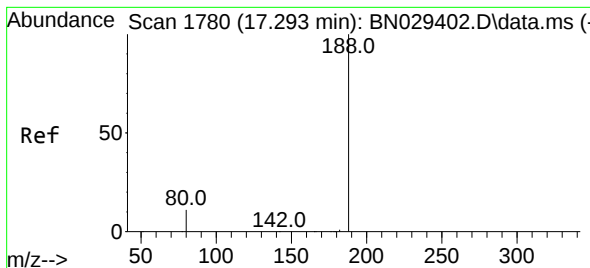
Tgt Ion:330 Resp: 734
Ion Ratio Lower Upper
330 100
332 99.6 76.0 114.0
141 52.3 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion:172 Resp: 8358
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.6 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029977.D

Acq: 24 Feb 2024 04:41

Instrument :

BNA_N

ClientSampleId :

RE131D3-20240214

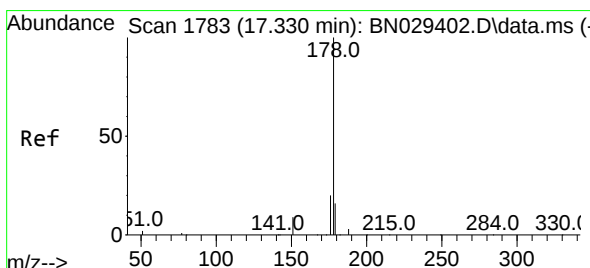
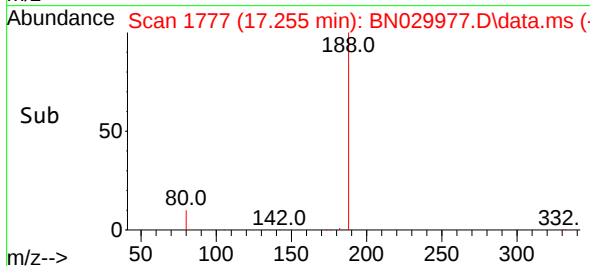
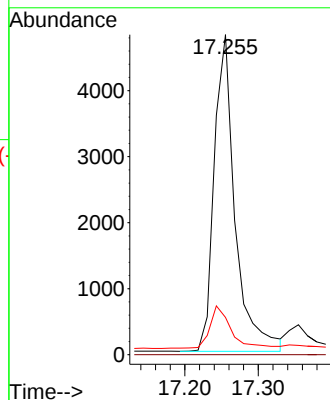
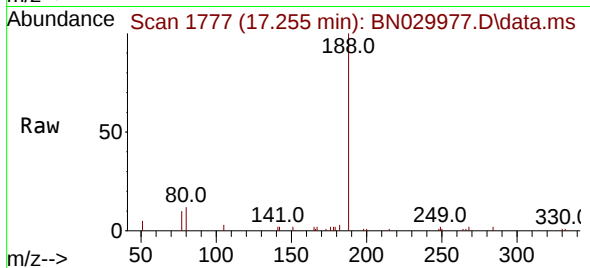
Tgt Ion:188 Resp: 9471

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 10.0 15.0



#25

Phenanthrene

Concen: 0.036 ng

RT: 17.293 min Scan# 1780

Delta R.T. -0.013 min

Lab File: BN029977.D

Acq: 24 Feb 2024 04:41

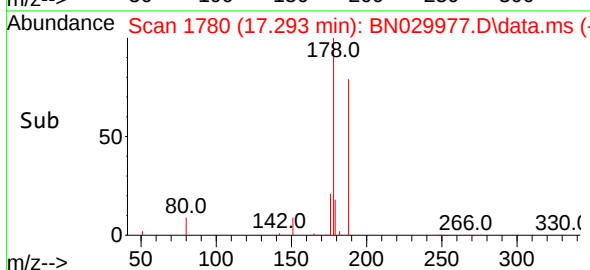
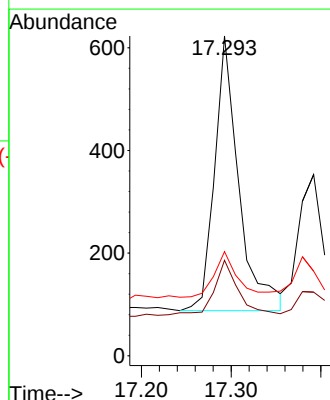
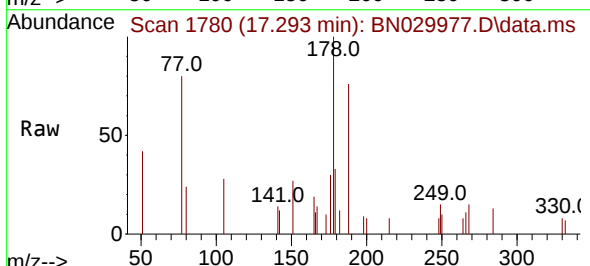
Tgt Ion:178 Resp: 1005

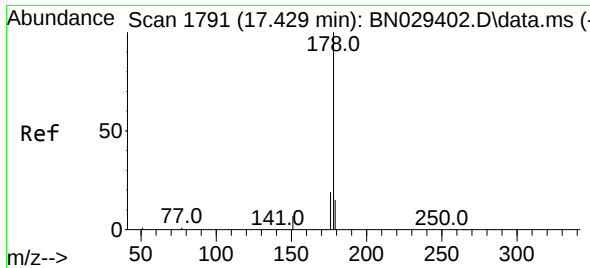
Ion Ratio Lower Upper

178 100

176 21.9 15.8 23.6

179 15.5 12.6 19.0

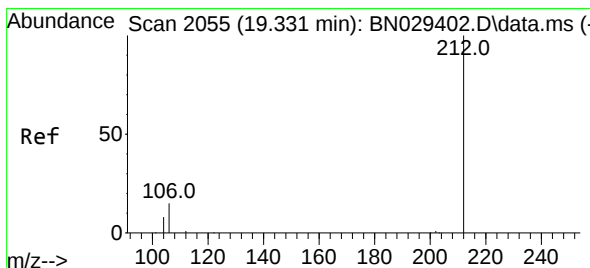
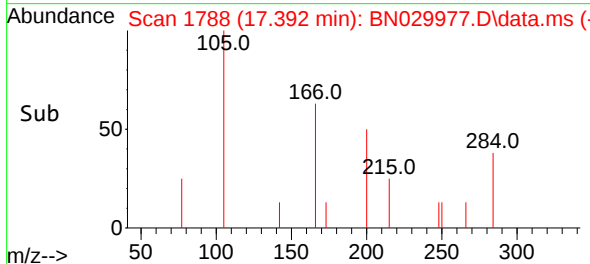
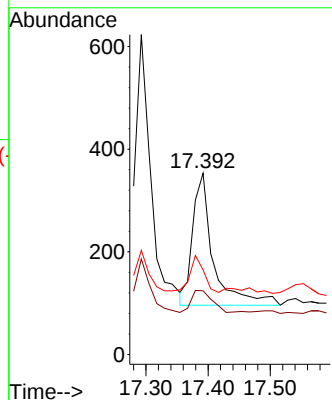
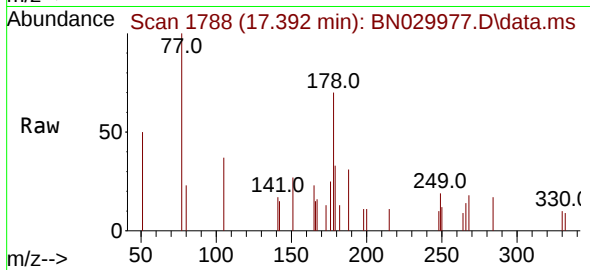




#26
 Anthracene
 Concen: 0.025 ng
 RT: 17.392 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN029977.D
 Acq: 24 Feb 2024 04:41

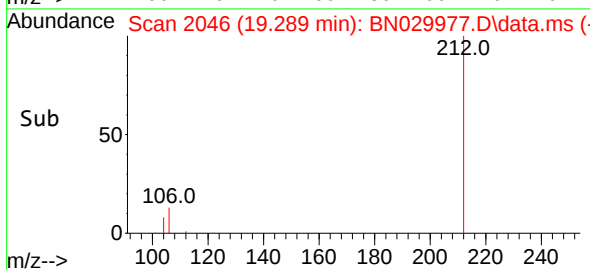
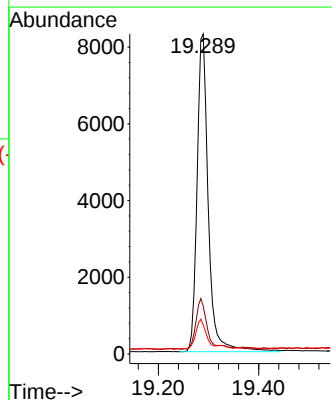
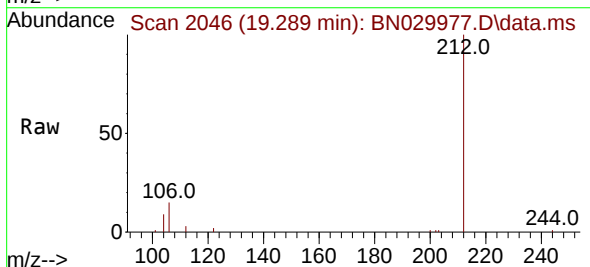
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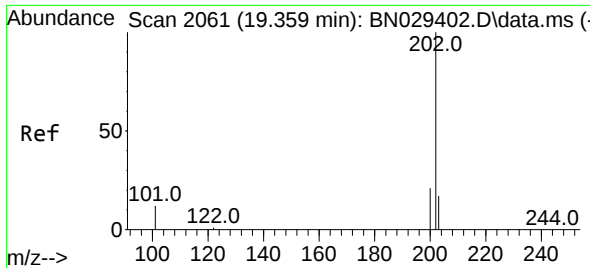
Tgt Ion:178 Resp: 594
 Ion Ratio Lower Upper
 178 100
 176 16.7 15.0 22.4
 179 18.5 12.3 18.5#



#27
 Fluoranthene-d10
 Concen: 0.559 ng
 RT: 19.289 min Scan# 2046
 Delta R.T. -0.009 min
 Lab File: BN029977.D
 Acq: 24 Feb 2024 04:41

Tgt Ion:212 Resp: 12832
 Ion Ratio Lower Upper
 212 100
 106 16.0 13.2 19.8
 104 8.4 7.7 11.5

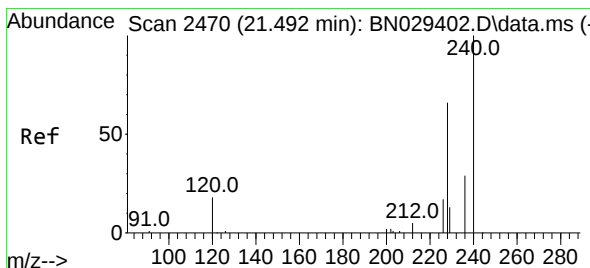
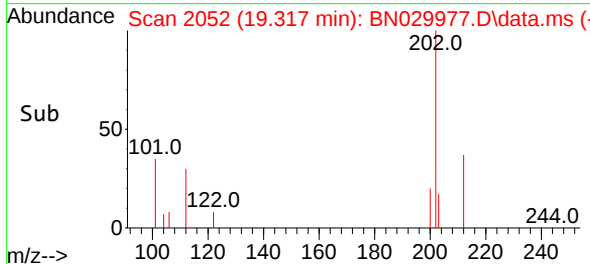
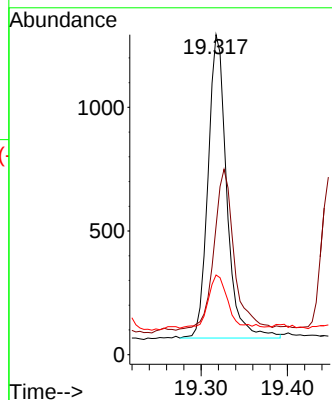
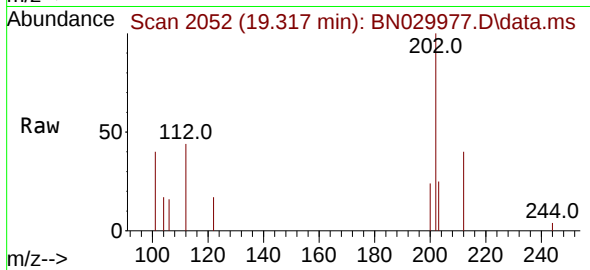




#28
Fluoranthene
Concen: 0.059 ng
RT: 19.317 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

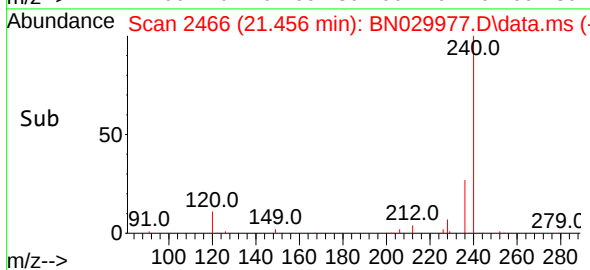
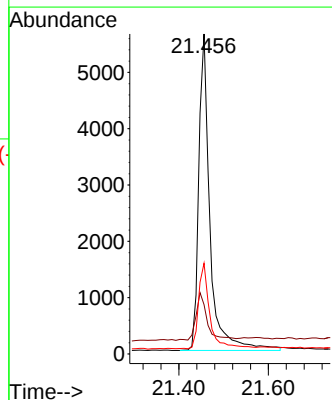
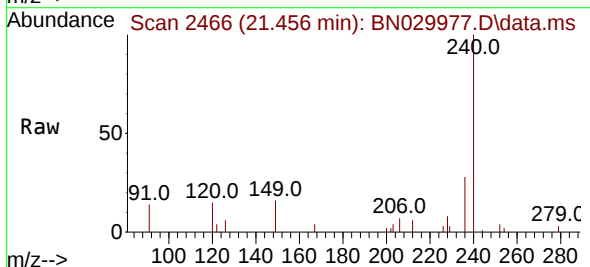
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

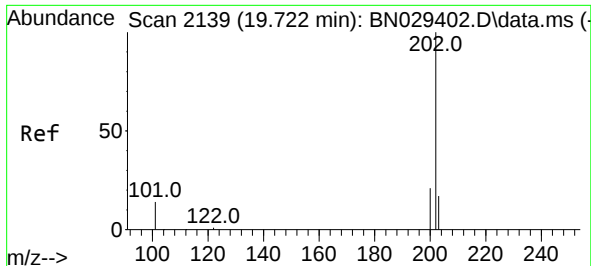
Tgt Ion:202 Resp: 1849
Ion Ratio Lower Upper
202 100
101 58.9 10.5 15.7#
203 19.0 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion:240 Resp: 9768
Ion Ratio Lower Upper
240 100
120 15.4 16.7 25.1#
236 28.4 23.9 35.9

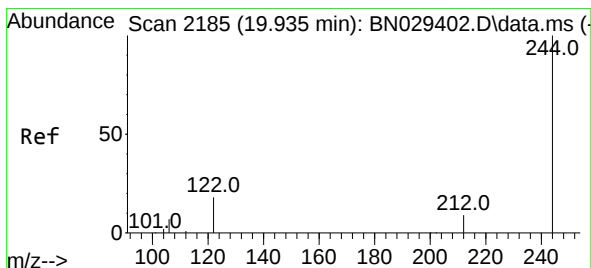
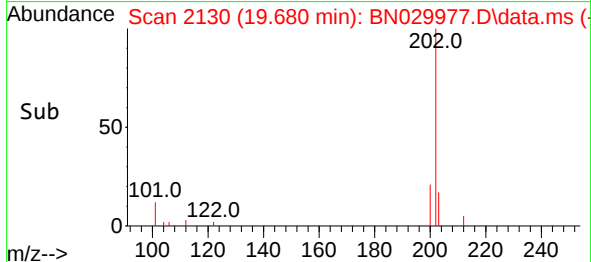
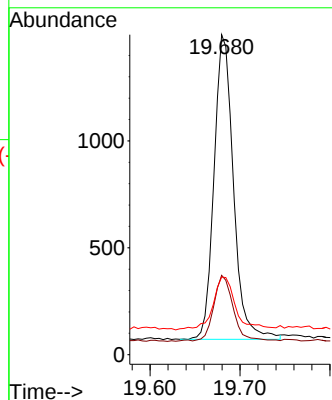
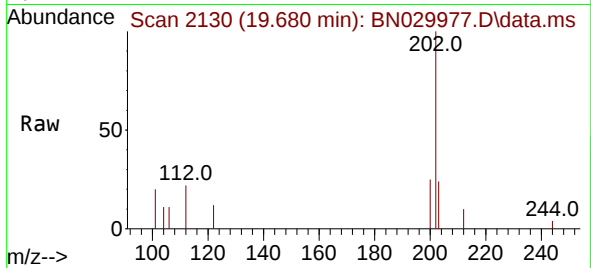




#30
Pyrene
Concen: 0.047 ng
RT: 19.680 min Scan# 2135
Delta R.T. -0.009 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

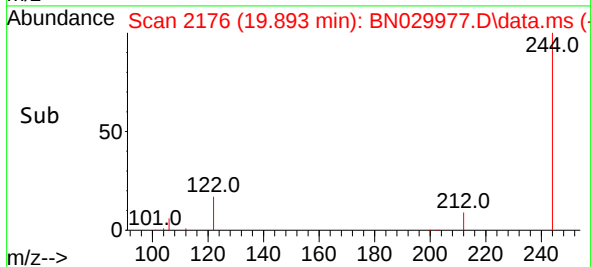
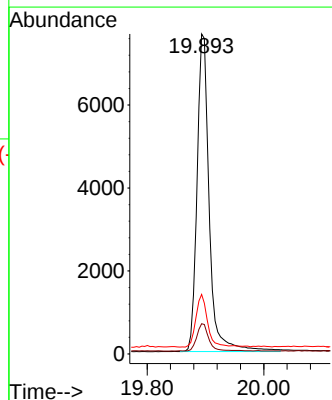
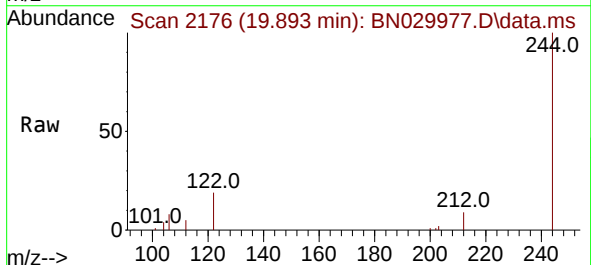
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

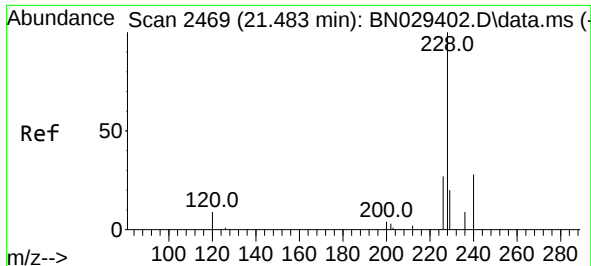
Tgt Ion:	202	Resp:	2135
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	20.3	14.2	21.4



#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.014 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion:	244	Resp:	11127
Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.2	12.4
122	18.6	15.6	23.4





#32

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BN029977.D

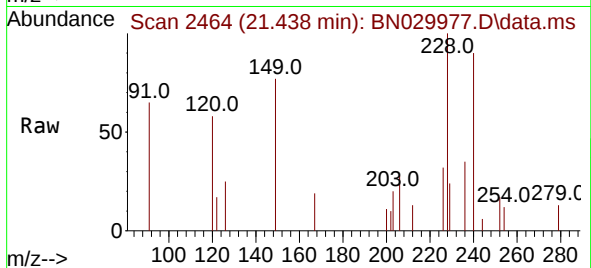
Acq: 24 Feb 2024 04:41

Instrument :

BNA_N

ClientSampleId :

RE131D3-20240214



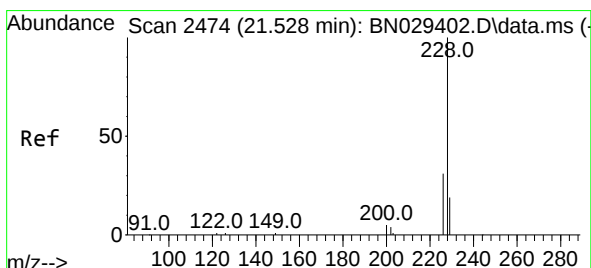
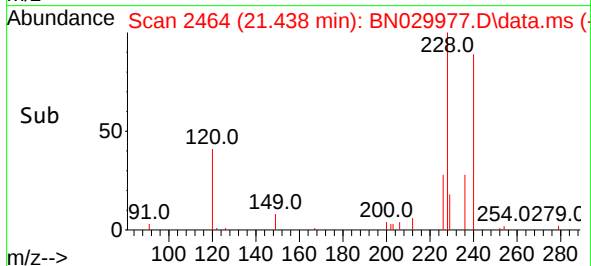
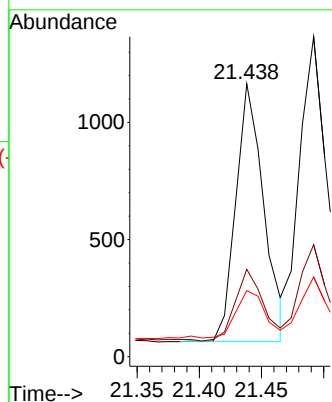
Tgt Ion:228 Resp: 1716

Ion Ratio Lower Upper

228 100

226 32.0 22.2 33.4

229 24.2 16.5 24.7



#33

Chrysene

Concen: 0.051 ng

RT: 21.492 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BN029977.D

Acq: 24 Feb 2024 04:41

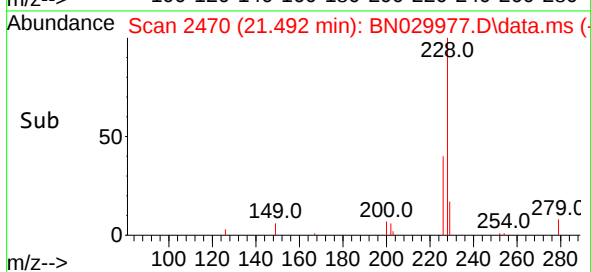
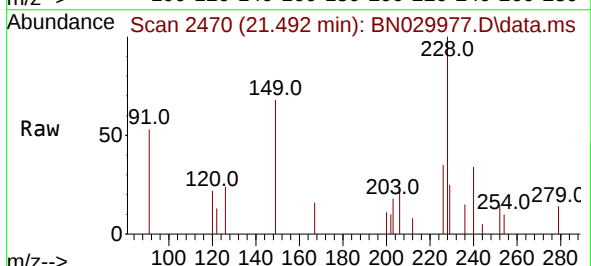
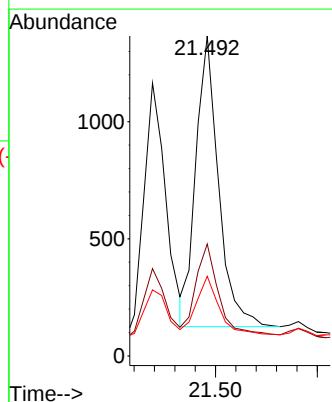
Tgt Ion:228 Resp: 1917

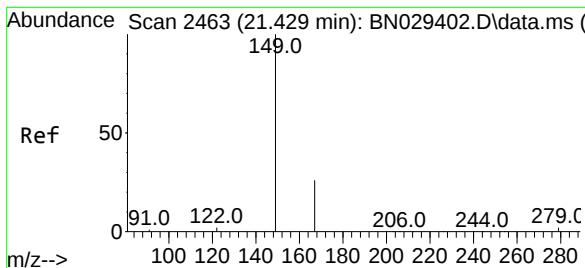
Ion Ratio Lower Upper

228 100

226 35.0 24.9 37.3

229 24.9 15.9 23.9#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.855 ng

RT: 21.384 min Scan# 2463

Delta R.T. -0.009 min

Lab File: BN029977.D

Acq: 24 Feb 2024 04:41

Instrument :

BNA_N

ClientSampleId :

RE131D3-20240214

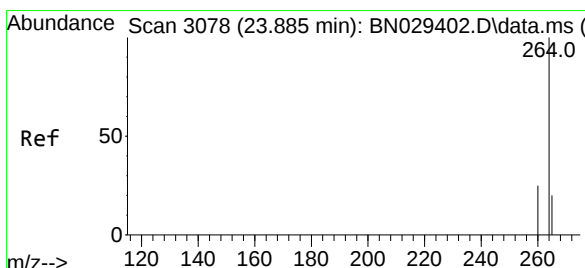
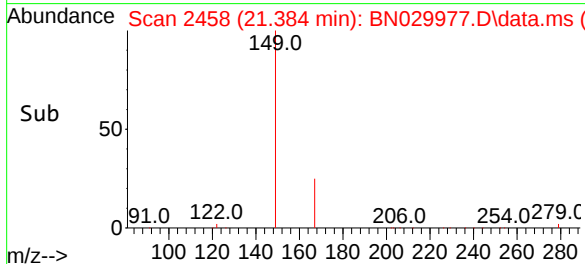
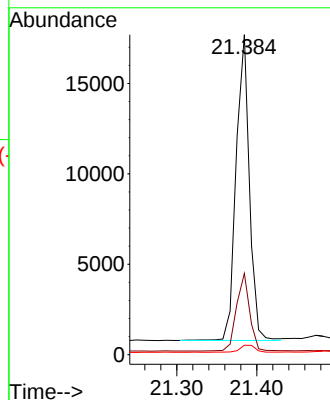
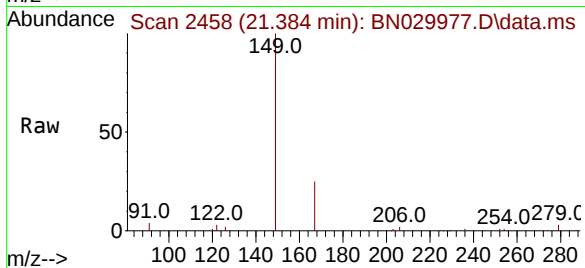
Tgt Ion:149 Resp: 19441

Ion Ratio Lower Upper

149 100

167 25.3 20.1 30.1

279 2.6 2.5 3.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.818 min Scan# 3055

Delta R.T. -0.015 min

Lab File: BN029977.D

Acq: 24 Feb 2024 04:41

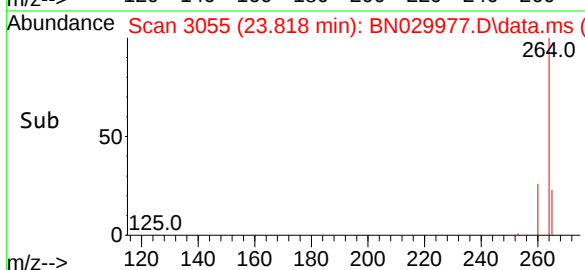
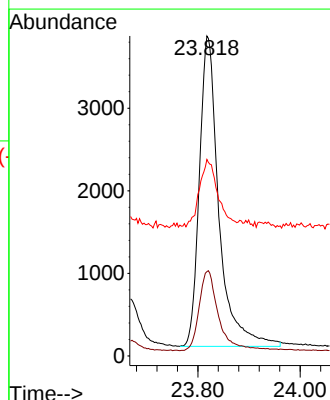
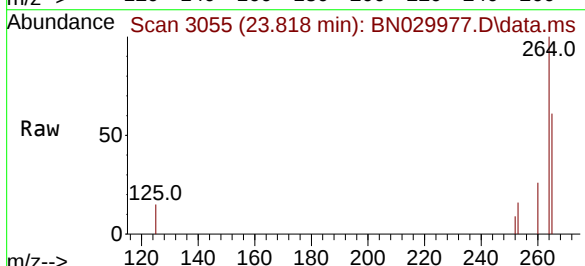
Tgt Ion:264 Resp: 9969

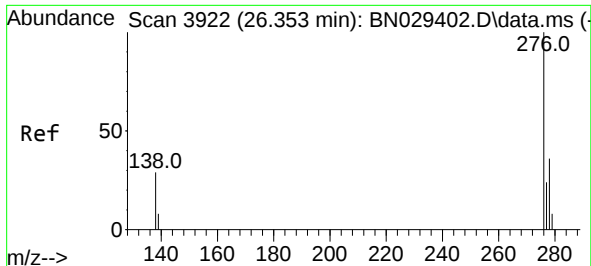
Ion Ratio Lower Upper

264 100

260 26.4 21.2 31.8

265 61.4 41.5 62.3

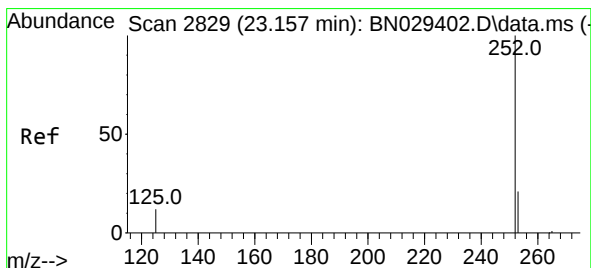
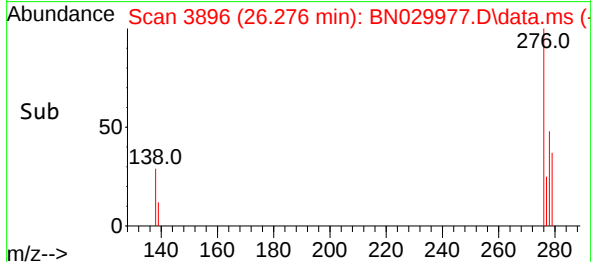
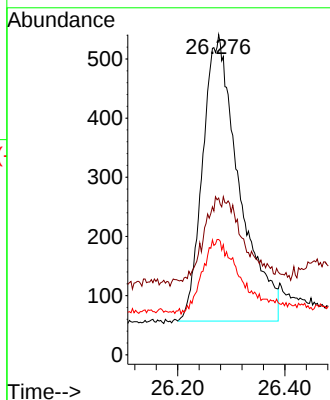
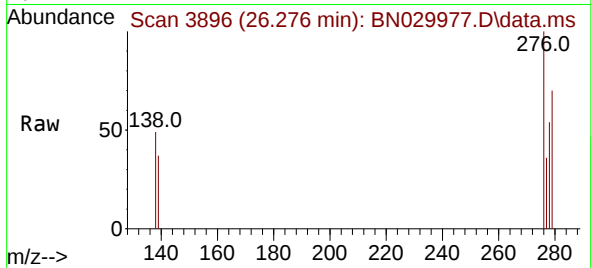




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 26.276 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

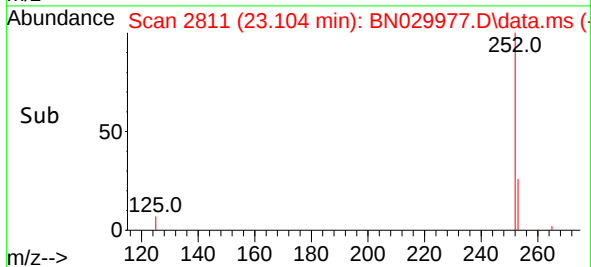
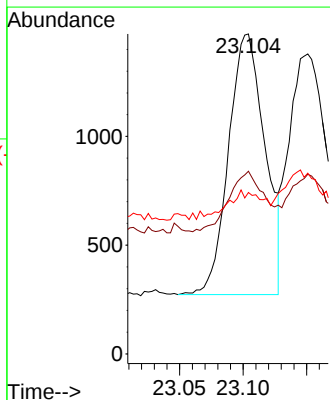
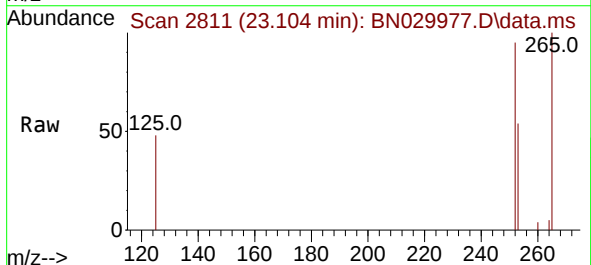
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

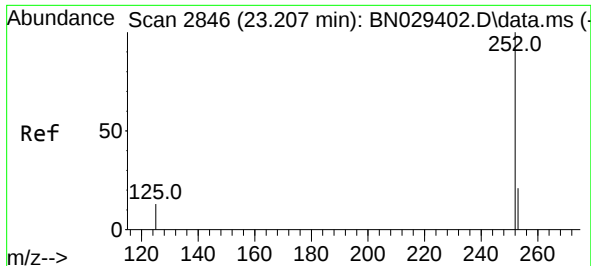
Tgt Ion:276 Resp: 2278
Ion Ratio Lower Upper
276 100
138 14.0 20.5 30.7#
277 22.8 17.0 25.4



#37
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 23.104 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

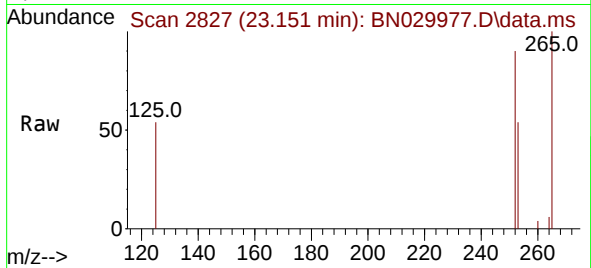
Tgt Ion:252 Resp: 2393
Ion Ratio Lower Upper
252 100
253 57.1 21.7 32.5#
125 50.4 13.3 19.9#



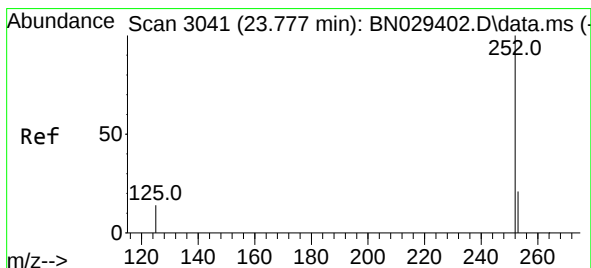
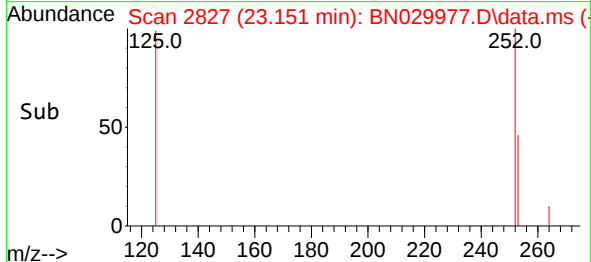
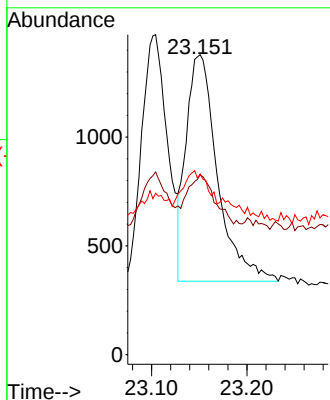


#38
Benzo(k)fluoranthene
Concen: 0.064 ng
RT: 23.151 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214

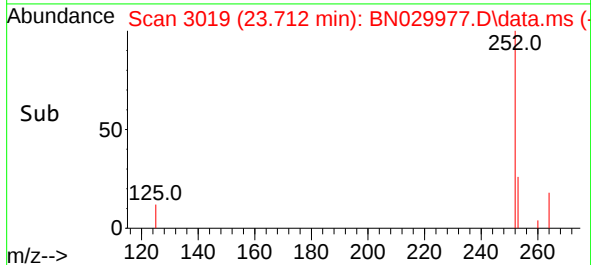
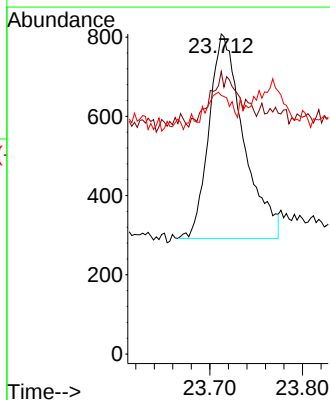
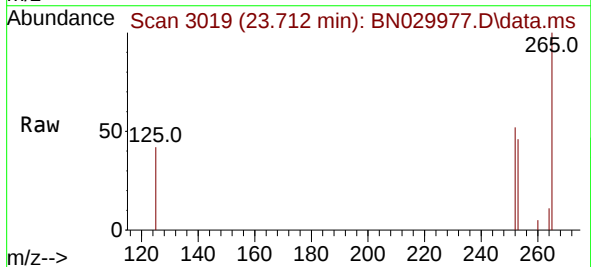


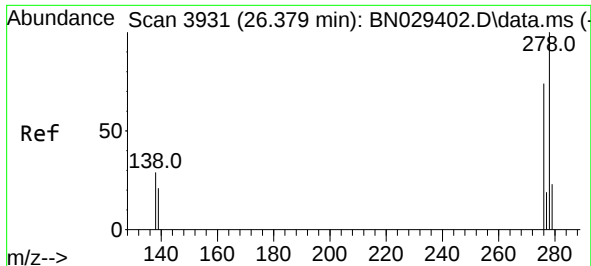
Tgt Ion:252 Resp: 2391
Ion Ratio Lower Upper
252 100
253 59.9 21.8 32.8#
125 60.3 13.9 20.9#



#39
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.712 min Scan# 3019
Delta R.T. -0.015 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

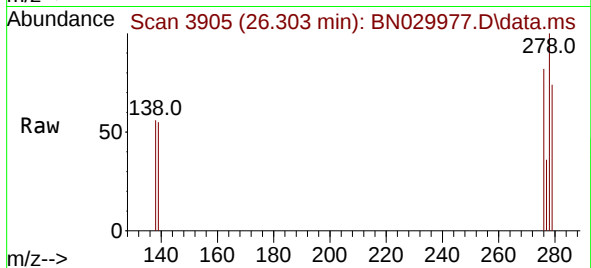
Tgt Ion:252 Resp: 1334
Ion Ratio Lower Upper
252 100
253 88.2 24.9 37.3#
125 80.8 16.6 25.0#



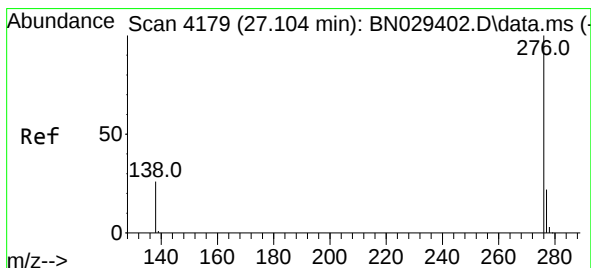
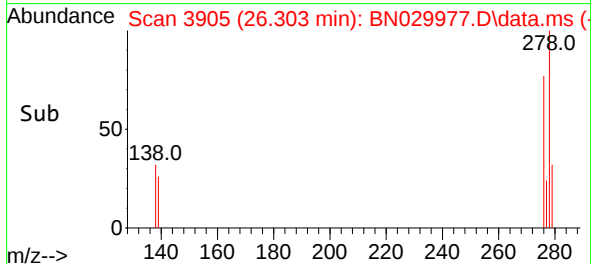
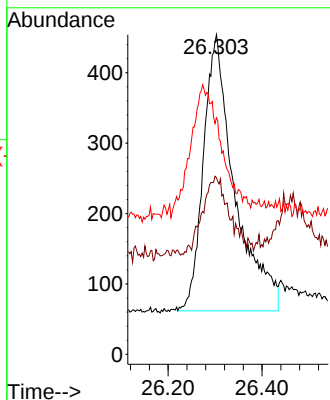


#40
Dibenzo(a,h)anthracene
Concen: 0.057 ng
RT: 26.303 min Scan# 3905
Delta R.T. -0.009 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Instrument :
BNA_N
ClientSampleId :
RE131D3-20240214



Tgt Ion:278 Resp: 1805
Ion Ratio Lower Upper
278 100
139 55.3 20.4 30.6#
279 74.0 25.0 37.6#



#41
Benzo(g,h,i)perylene
Concen: 0.055 ng
RT: 27.016 min Scan# 4149
Delta R.T. -0.012 min
Lab File: BN029977.D
Acq: 24 Feb 2024 04:41

Tgt Ion:276 Resp: 2145
Ion Ratio Lower Upper
276 100
277 33.6 19.4 29.2#
138 43.8 23.5 35.3#

