

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031211.D
 Acq On : 25 Apr 2024 06:46
 Operator : MA/JU
 Sample : P2104-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA3

Quant Time: Apr 25 07:22:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

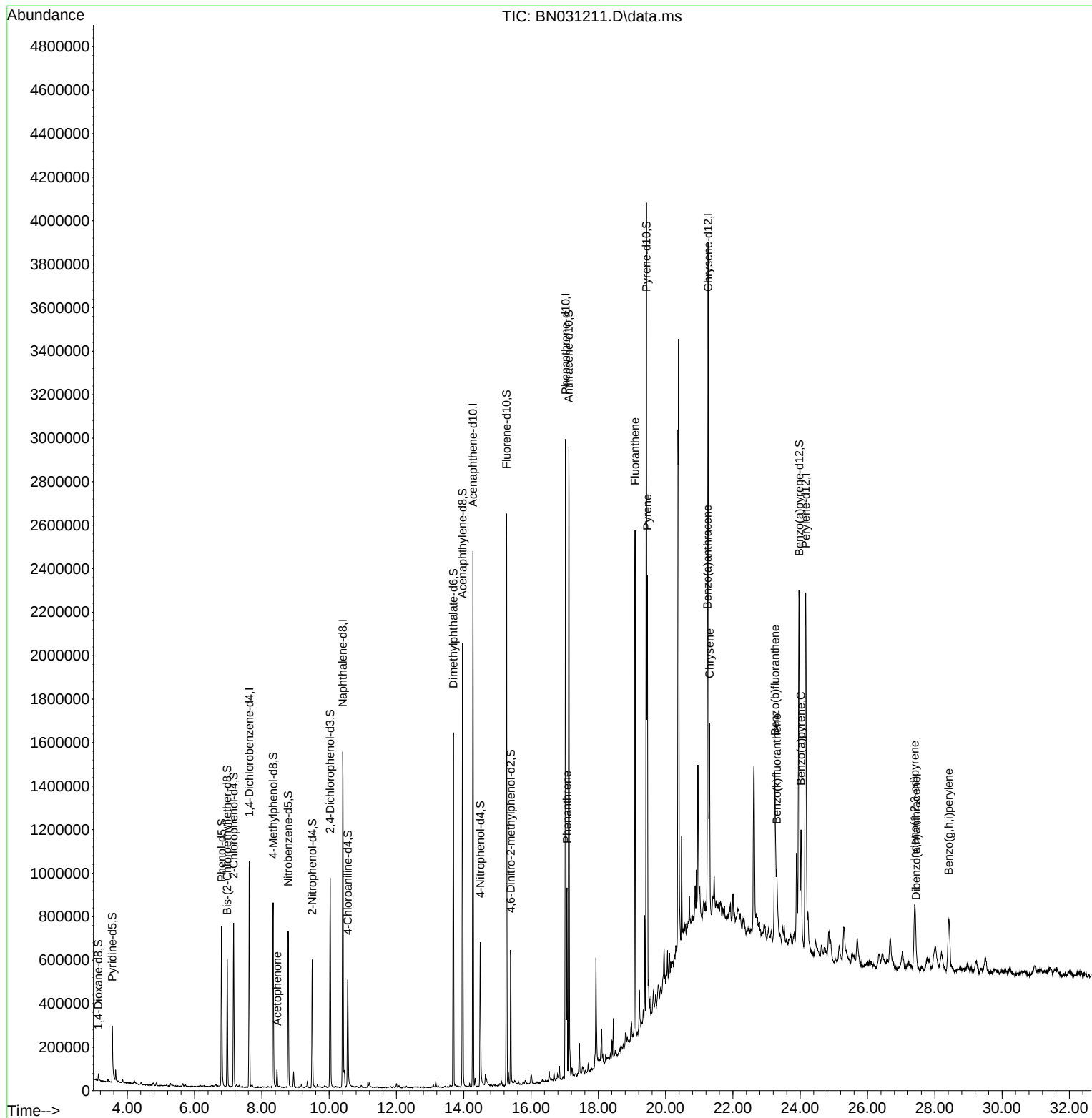
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	283864	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.405	136	1259645	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	826680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1750180	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1435154	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1429762	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	17231	2.836	ng/uL	0.00
4) Pyridine-d5	3.552	84	158443	9.055	ng/u1	0.00
7) Phenol-d5	6.805	99	428316	17.887	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.970	67	245346	17.610	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.158	132	350981	18.825	ng/u1	-0.01
15) 4-Methylphenol-d8	8.334	113	325128	16.145	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	176220	19.471	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.499	143	186940	19.871	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	360524	19.433	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.552	131	297875	10.274	ng/u1	-0.01
46) Dimethylphthalate-d6	13.693	166	1097044	19.070	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1304194	20.006	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.493	143	165716	13.802	ng/u1	0.00
60) Fluorene-d10	15.269	176	1010823	20.185	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	116961	13.246	ng/u1	0.00
73) Anthracene-d10	17.122	188	1600725	21.101	ng/u1	-0.01
81) Pyrene-d10	19.428	212	1855504	26.311	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	1457019	21.490	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.452	105	42192	1.352	ng/u1	97
72) Phenanthrene	17.069	178	504490	5.450	ng/u1	99
80) Fluoranthene	19.092	202	1346866	16.137	ng/u1	98
82) Pyrene	19.457	202	1181829	13.476	ng/u1	99
85) Benzo(a)anthracene	21.245	228	416041	4.269	ng/u1	95
87) Chrysene	21.304	228	558696	6.039	ng/u1	98
90) Benzo(b)fluoranthene	23.251	252	797740	9.916	ng/u1	99
91) Benzo(k)fluoranthene	23.304	252	251563	3.109	ng/u1	97
93) Benzo(a)pyrene	24.022	252	483346	6.023	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.398	276	427444	4.292	ng/u1	97
95) Dibenzo(a,h)anthracene	27.445	278	82934	1.015	ng/u1#	84
96) Benzo(g,h,i)perylene	28.415	276	421015	5.250	ng/u1	99

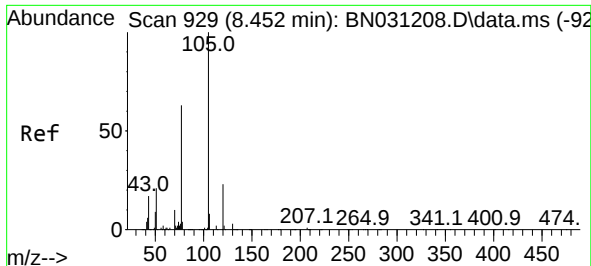
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
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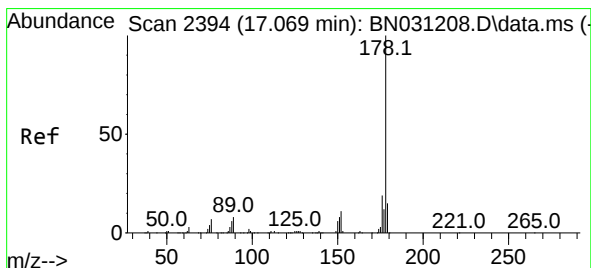
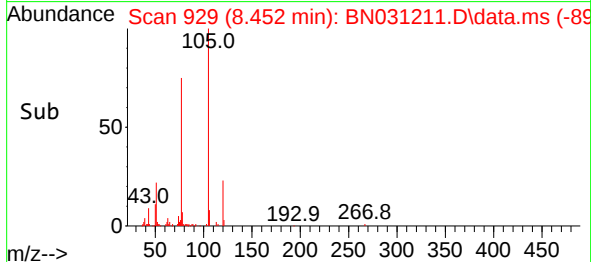
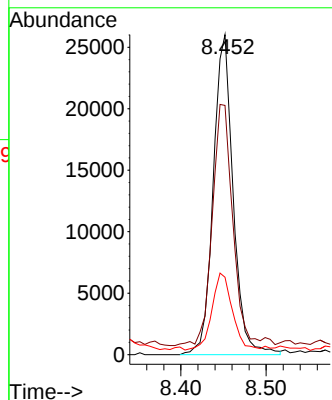
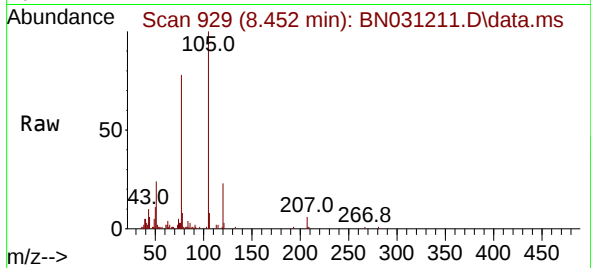




#16
Acetophenone
Concen: 1.352 ng/ul
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

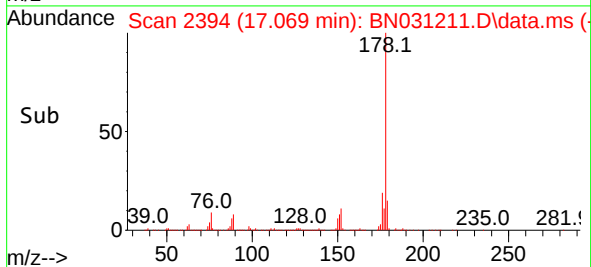
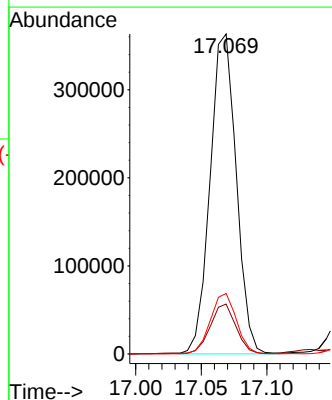
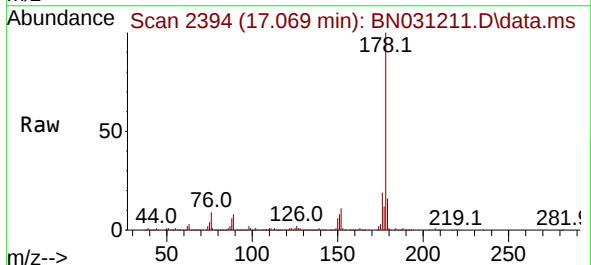
Instrument :
BNA_N
ClientSampleId :
C0AA3

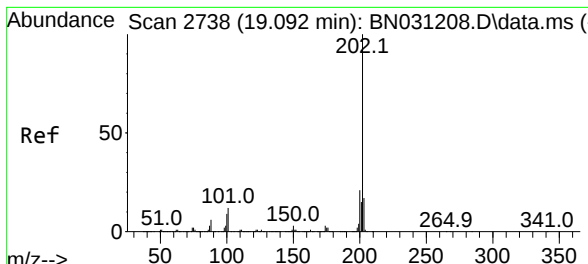
Tgt Ion:105 Resp: 42192
Ion Ratio Lower Upper
105 100
77 77.9 60.2 90.4
51 24.2 20.6 31.0



#72
Phenanthrene
Concen: 5.450 ng/ul
RT: 17.069 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

Tgt Ion:178 Resp: 504490
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.9 14.6 21.8



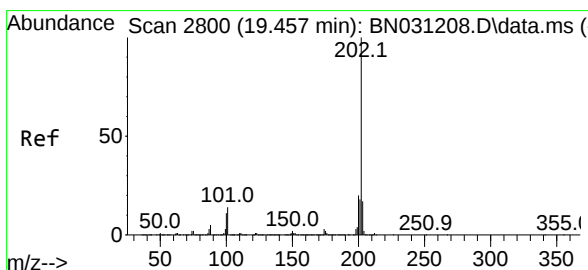
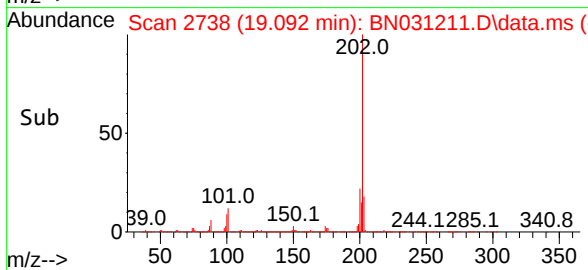
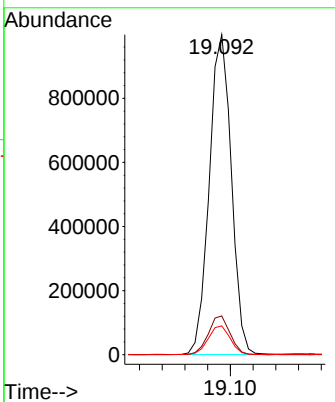
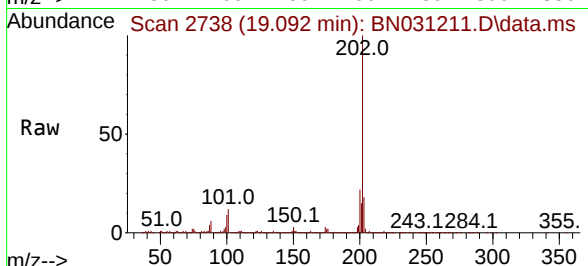


#80
 Fluoranthene
 Concen: 16.137 ng/ul
 RT: 19.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031211.D
 Acq: 25 Apr 2024 06:46

Instrument :
 BNA_N
 ClientSampleId :
 C0AA3

Tgt Ion:202 Resp: 1346866

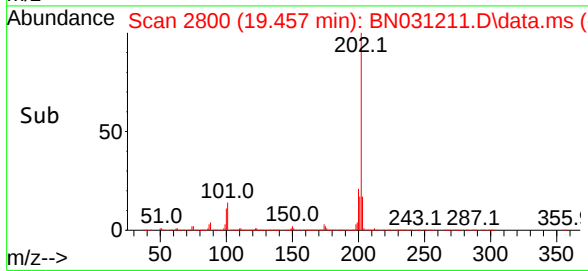
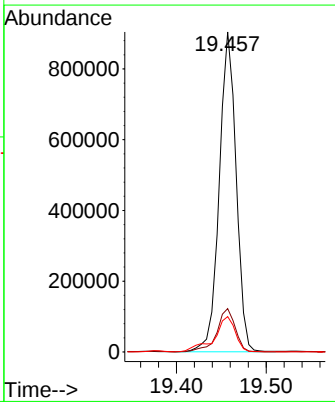
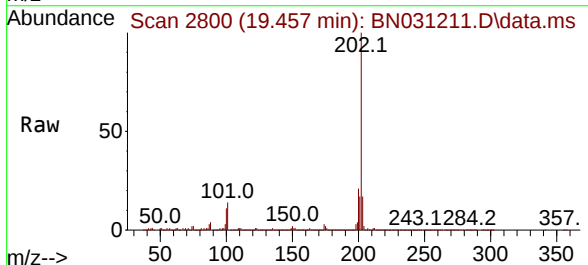
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.0	13.6
100	9.0	6.9	10.3

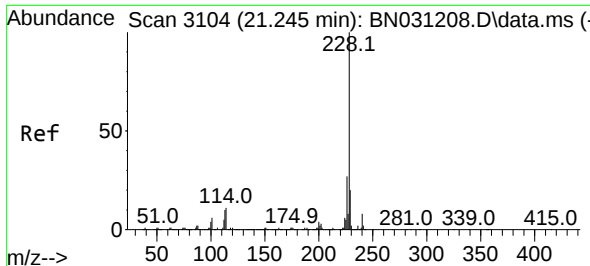


#82
 Pyrene
 Concen: 13.476 ng/ul
 RT: 19.457 min Scan# 2800
 Delta R.T. -0.006 min
 Lab File: BN031211.D
 Acq: 25 Apr 2024 06:46

Tgt Ion:202 Resp: 1181829

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.1	16.7
100	11.1	9.3	13.9

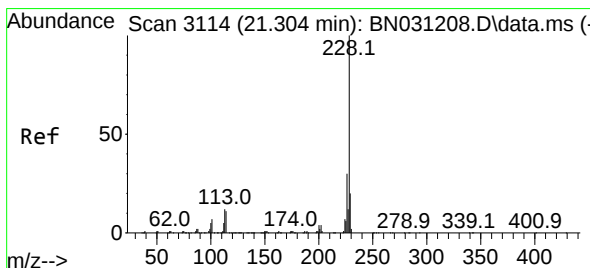
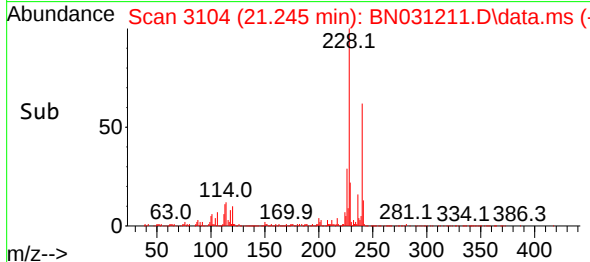
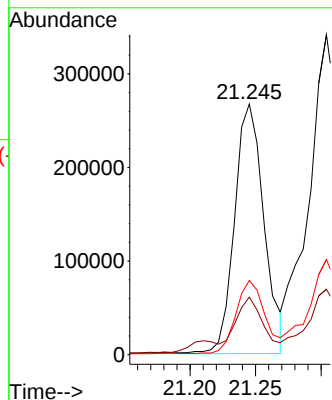
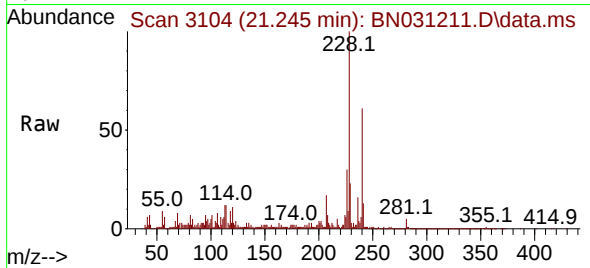




#85
Benzo(a)anthracene
Concen: 4.269 ng/u1
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

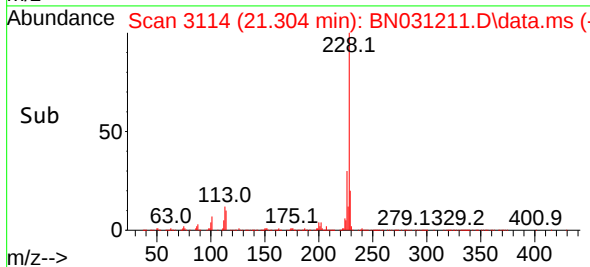
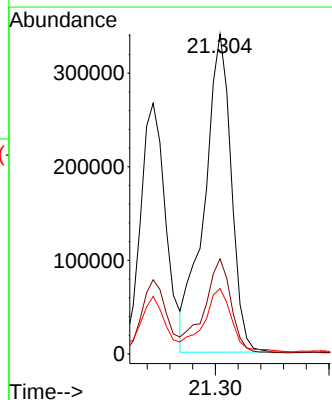
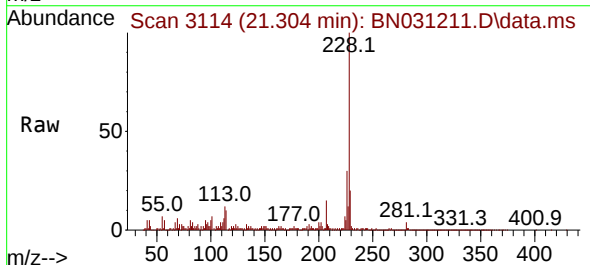
Instrument :
BNA_N
ClientSampleId :
C0AA3

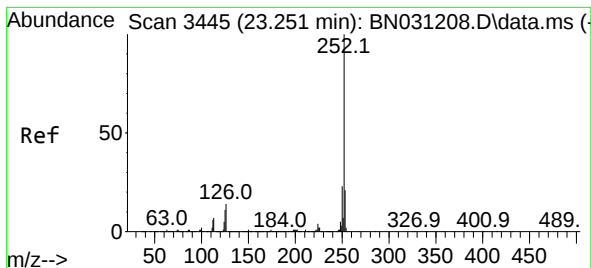
Tgt Ion:228 Resp: 416041
Ion Ratio Lower Upper
228 100
229 23.0 16.7 25.1
226 29.7 21.2 31.8



#87
Chrysene
Concen: 6.039 ng/u1
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

Tgt Ion:228 Resp: 558696
Ion Ratio Lower Upper
228 100
226 29.8 22.6 34.0
229 20.5 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 9.916 ng/ul

RT: 23.251 min Scan# 3445

Delta R.T. -0.006 min

Lab File: BN031211.D

Acq: 25 Apr 2024 06:46

Instrument :

BNA_N

ClientSampleId :

C0AA3

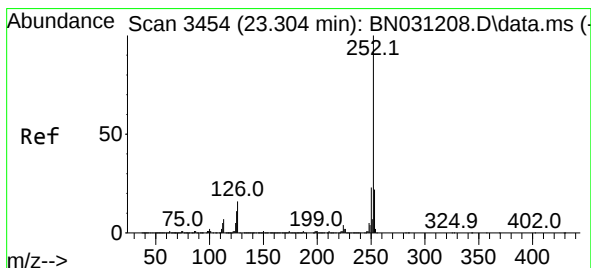
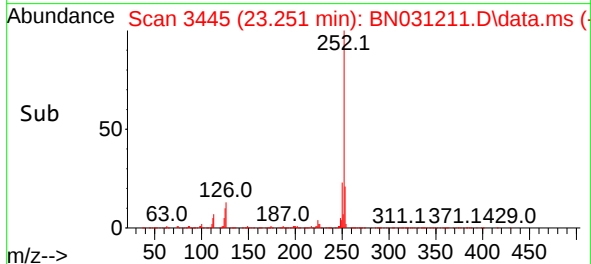
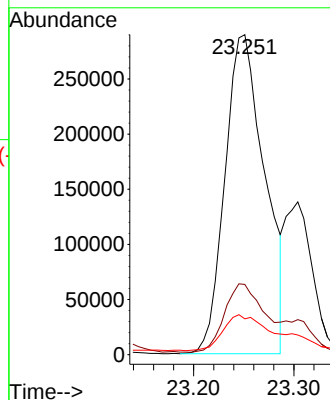
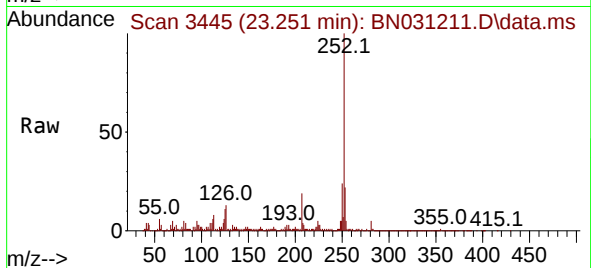
Tgt Ion:252 Resp: 797740

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.2 8.6 12.8



#91

Benzo(k)fluoranthene

Concen: 3.109 ng/ul

RT: 23.304 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BN031211.D

Acq: 25 Apr 2024 06:46

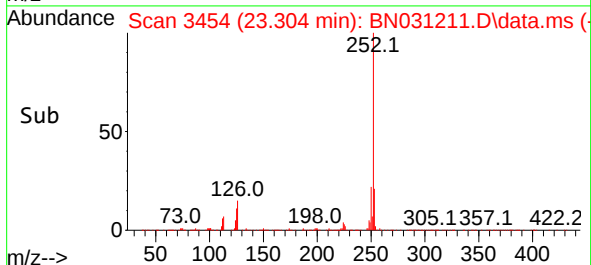
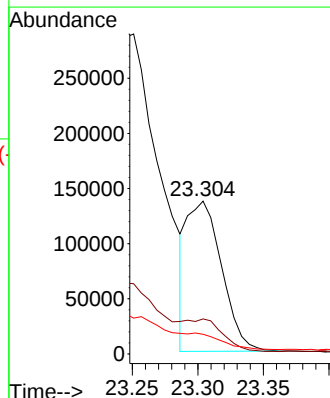
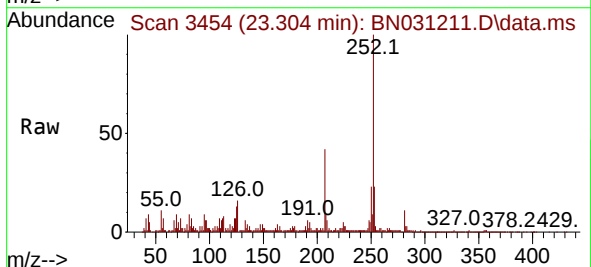
Tgt Ion:252 Resp: 251563

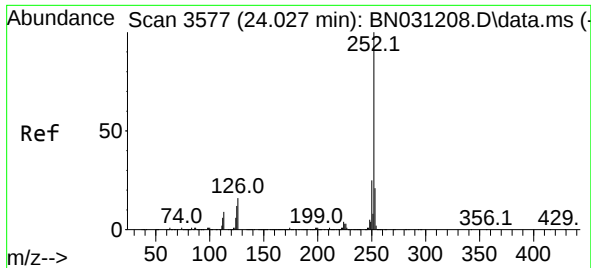
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 12.9 9.4 14.2

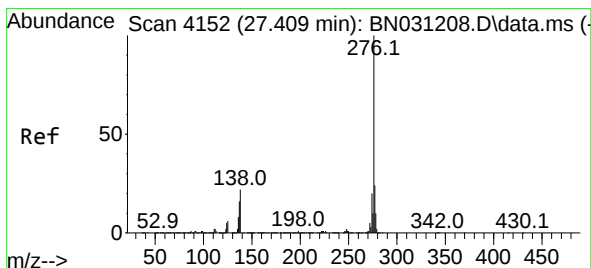
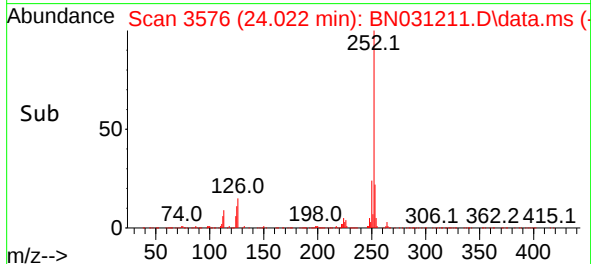
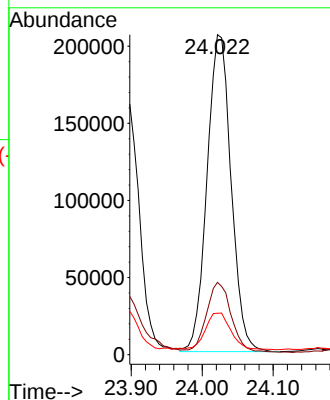
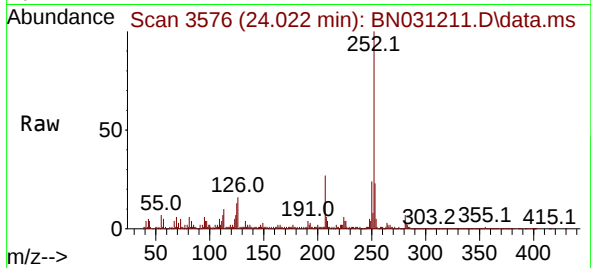




#93
Benzo(a)pyrene
Concen: 6.023 ng/u1
RT: 24.022 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

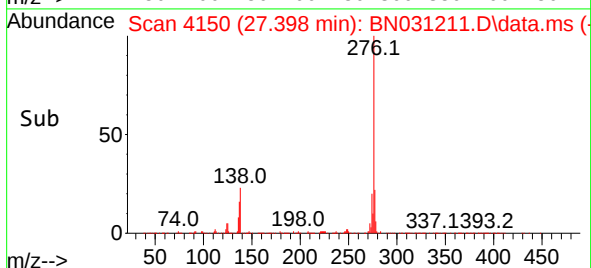
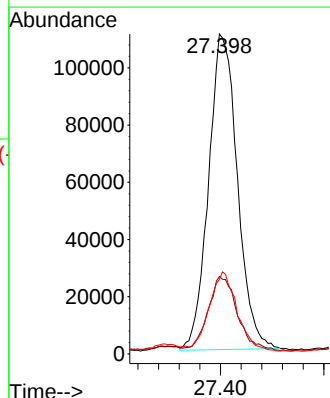
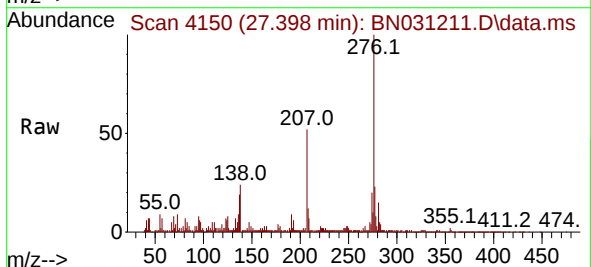
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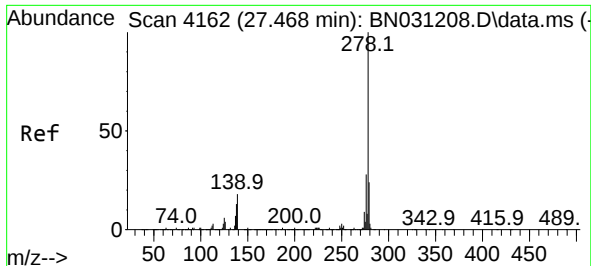
Tgt Ion:252 Resp: 483346
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.0 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.292 ng/u1
RT: 27.398 min Scan# 4150
Delta R.T. -0.023 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

Tgt Ion:276 Resp: 427444
Ion Ratio Lower Upper
276 100
138 24.2 17.4 26.2
277 23.3 18.3 27.5

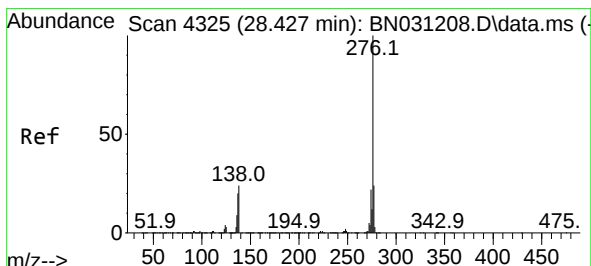
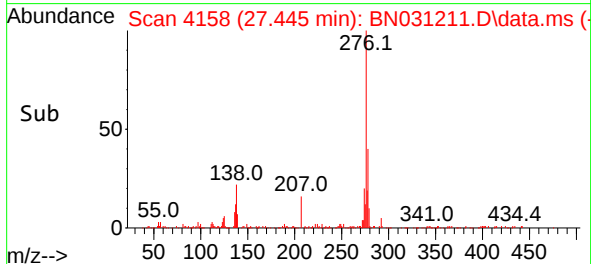
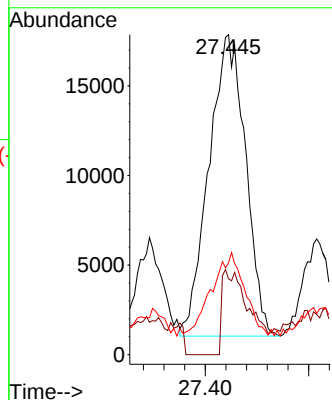
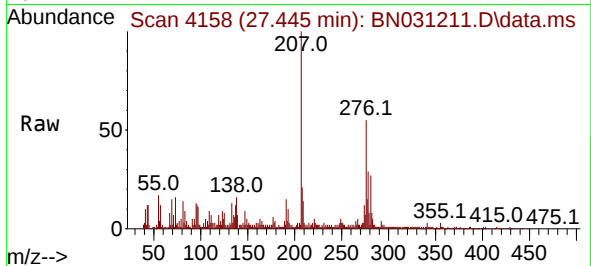




#95
Dibenzo(a,h)anthracene
Concen: 1.015 ng/ul
RT: 27.445 min Scan# 4162
Delta R.T. -0.041 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

Instrument :
BNA_N
ClientSampleId :
C0AA3

Tgt Ion:278 Resp: 82934
Ion Ratio Lower Upper
278 100
139 23.7 13.3 19.9#
279 28.6 17.0 25.6#



#96
Benzo(g,h,i)perylene
Concen: 5.250 ng/ul
RT: 28.415 min Scan# 4323
Delta R.T. -0.023 min
Lab File: BN031211.D
Acq: 25 Apr 2024 06:46

Tgt Ion:276 Resp: 421015
Ion Ratio Lower Upper
276 100
138 24.1 19.0 28.6
277 23.5 19.3 28.9

