

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031333.D
 Acq On : 30 Apr 2024 23:13
 Operator : MA/JU
 Sample : P2203-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 01 00:27:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration

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

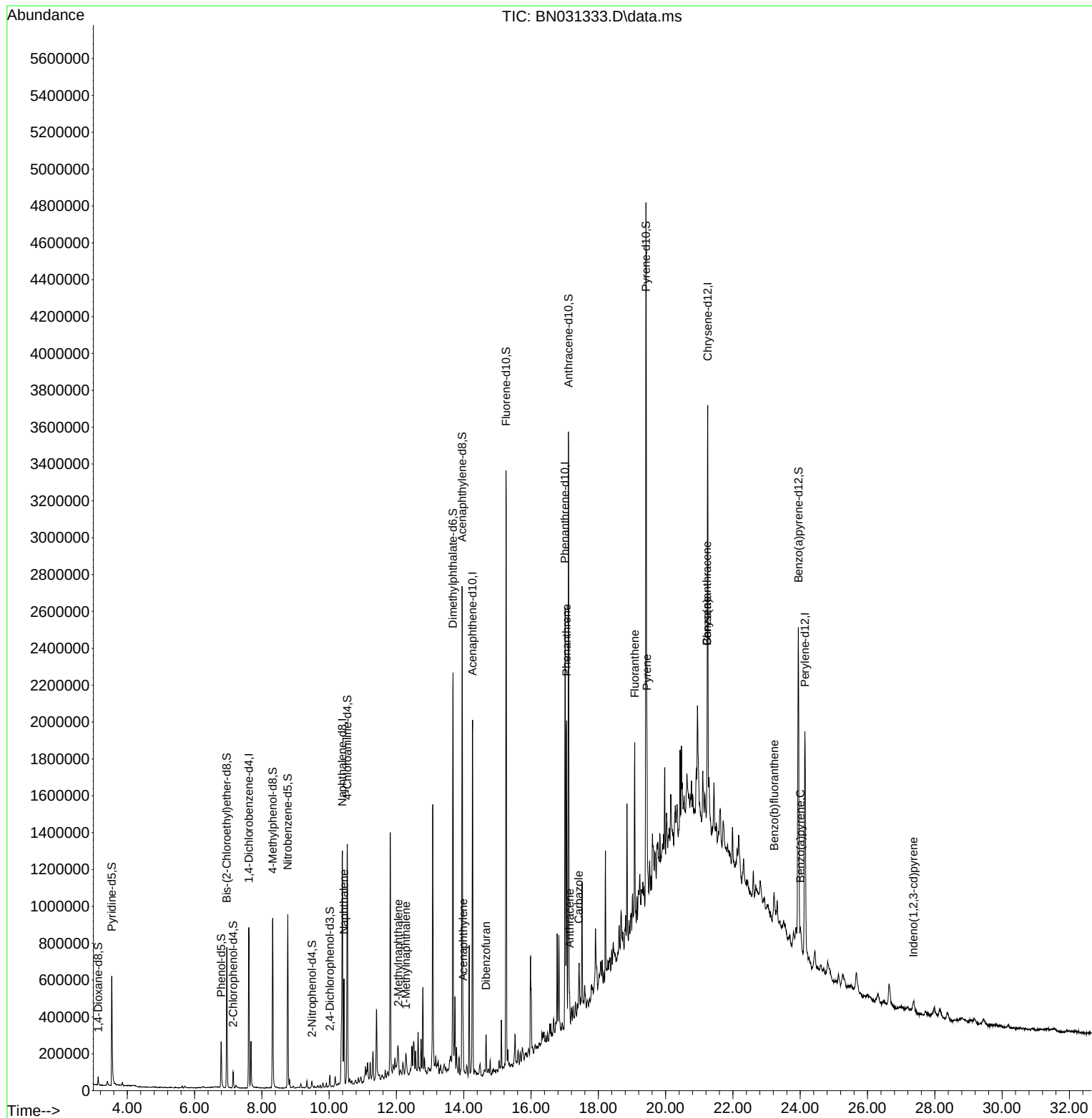
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	230421	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1024245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	661829	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	1361448	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	1027661	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1023512	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	22745	4.596	ng/uL	0.00
4) Pyridine-d5	3.540	84	354433	25.008	ng/ul	0.00
7) Phenol-d5	6.793	99	146978	7.927	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	314753	28.992	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	40176	2.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	353067	22.978	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	219826	29.780	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	10259	1.291	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	24379	1.652	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	649621	30.385	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1393243	31.931	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1675746	33.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.475	143	94	0.012	ng/ul	0.00
60) Fluorene-d10	15.257	176	1236522	33.187	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	237	0.034	ng/ul	0.00
73) Anthracene-d10	17.110	188	1794763	31.942	ng/ul	0.00
81) Pyrene-d10	19.416	212	2012926	32.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1544517	32.595	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.440	128	461267	9.164	ng/ul	99
36) 2-Methylnaphthalene	12.057	142	54425	1.560	ng/ul	97
37) 1-Methylnaphthalene	12.281	142	38337	1.086	ng/ul	90
50) Acenaphthylene	13.981	152	140873	2.445	ng/ul	99
56) Dibenzofuran	14.663	168	98145	1.891	ng/ul	98
72) Phenanthrene	17.057	178	1002494	14.879	ng/ul	99
74) Anthracene	17.145	178	94319	1.400	ng/ul	98
77) Carbazole	17.422	167	80593	1.369	ng/ul#	94
80) Fluoranthene	19.081	202	506913	6.756	ng/ul	99
82) Pyrene	19.445	202	394648	5.156	ng/ul	98
85) Benzo(a)anthracene	21.233	228	126186	1.882	ng/ul#	93
87) Chrysene	21.233	228	125542	1.998	ng/ul	98
90) Benzo(b)fluoranthene	23.227	252	150425	2.425	ng/ul#	77
93) Benzo(a)pyrene	24.004	252	97576	1.759	ng/ul#	82
94) Indeno(1,2,3-cd)pyrene	27.368	276	67978	1.081	ng/ul	95

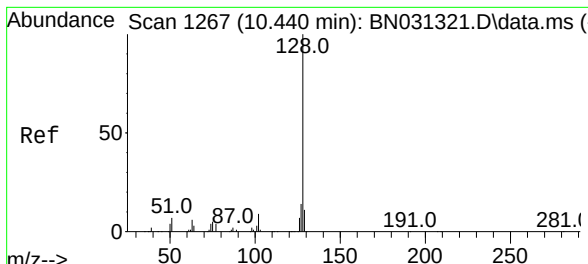
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:30:44 2024
Response via : Initial Calibration

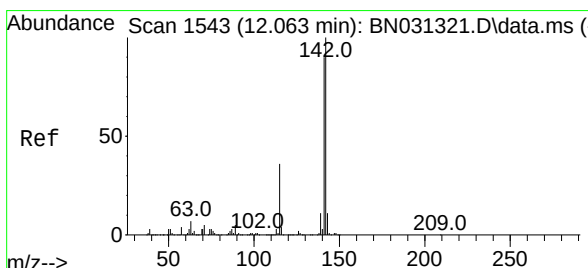
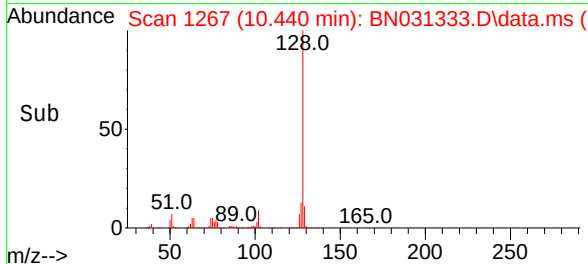
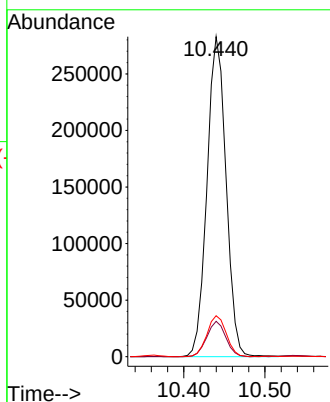
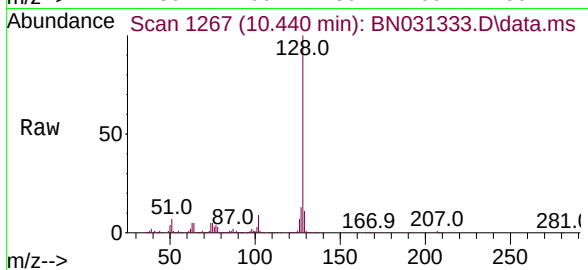




#30
Naphthalene
Concen: 9.164 ng/ul
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

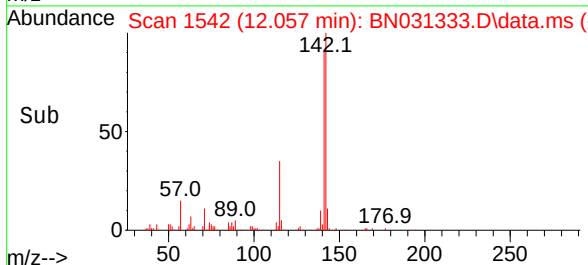
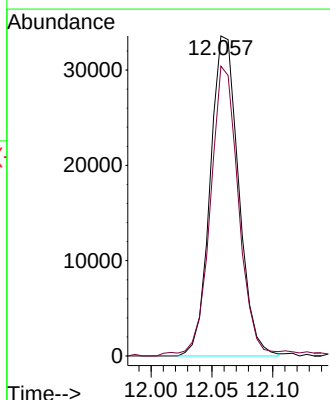
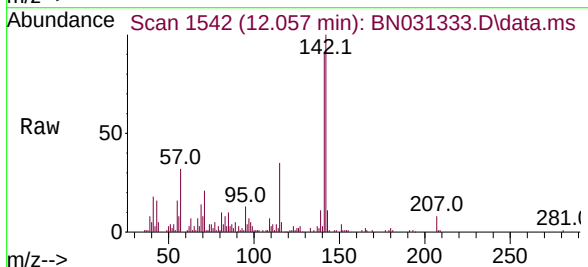
Instrument :
BNA_N
ClientSampleId :

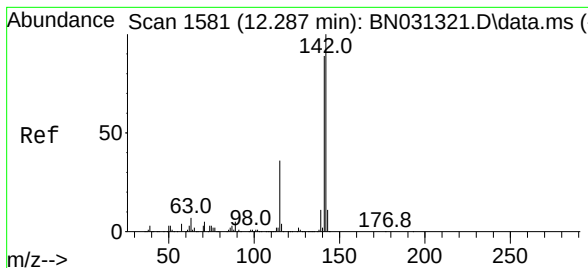
Tgt Ion:	128	Resp:	461267
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	12.8	10.7	16.1



#36
2-Methylnaphthalene
Concen: 1.560 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

Tgt Ion:	142	Resp:	54425
Ion Ratio	Lower	Upper	
142	100		
141	90.6	75.0	112.4





#37

1-Methylnaphthalene

Concen: 1.086 ng/ul

RT: 12.281 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BN031333.D

Acq: 30 Apr 2024 23:13

Instrument :

BNA_N

ClientSampleId :

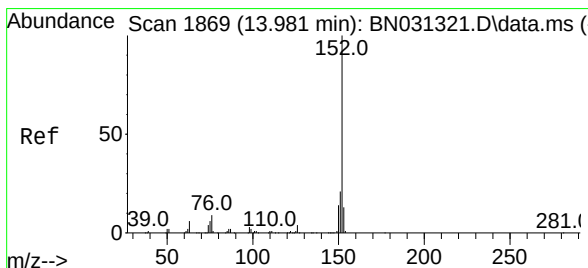
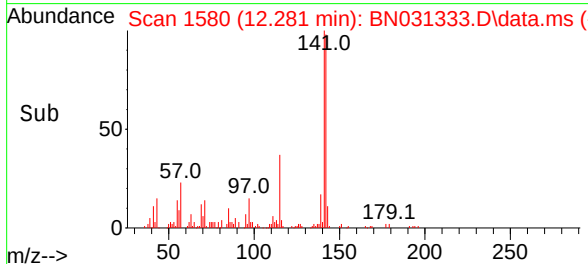
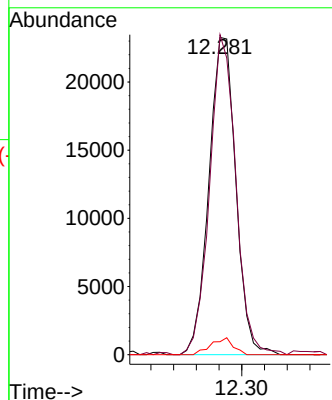
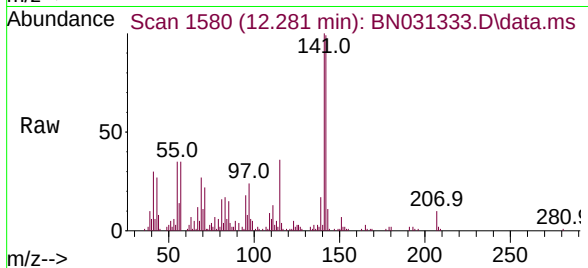
Tgt Ion:142 Resp: 38337

Ion Ratio Lower Upper

142 100

141 100.9 72.5 108.7

116 4.1 3.0 4.4



#50

Acenaphthylene

Concen: 2.445 ng/ul

RT: 13.981 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BN031333.D

Acq: 30 Apr 2024 23:13

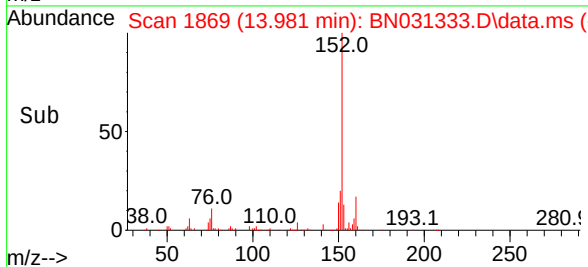
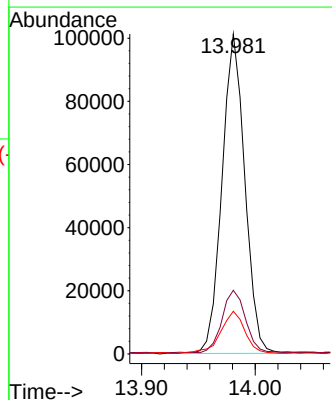
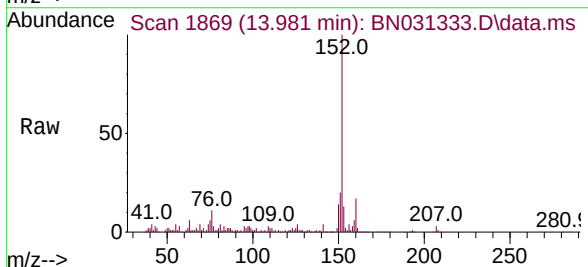
Tgt Ion:152 Resp: 140873

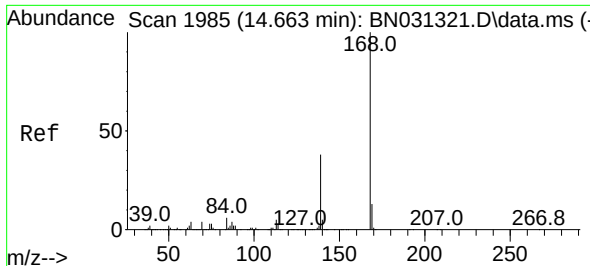
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.3 10.6 15.8

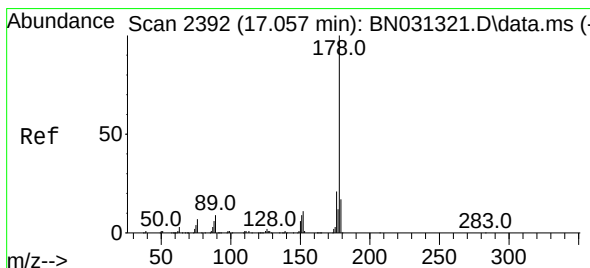
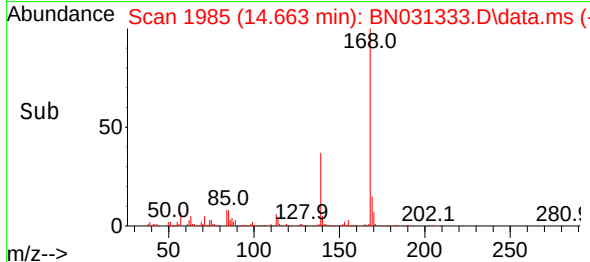
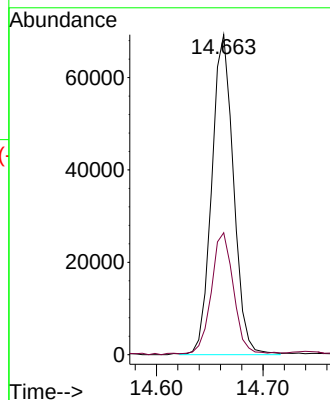
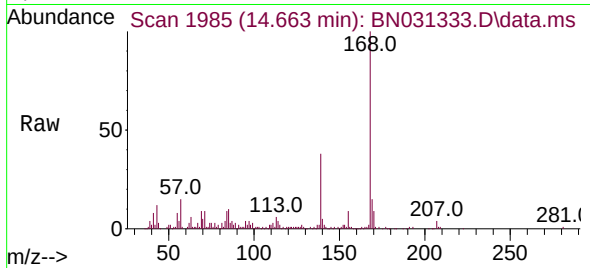




#56
 Dibenzenofuran
 Concen: 1.891 ng/ul
 RT: 14.663 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13

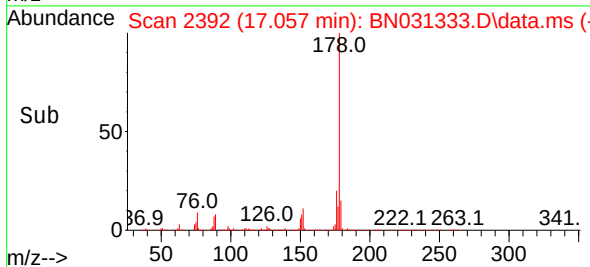
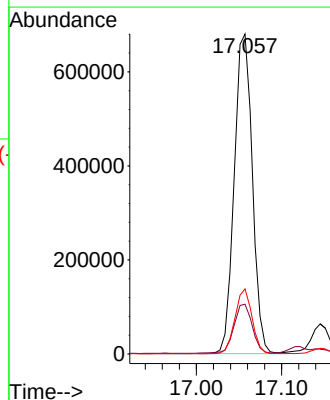
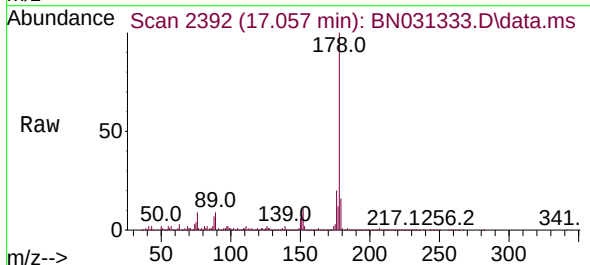
Instrument :
 BNA_N
 ClientSampleId :

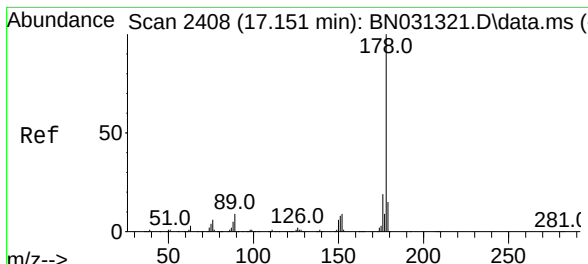
Tgt Ion:168 Resp: 98145
 Ion Ratio Lower Upper
 168 100
 139 38.1 29.7 44.5



#72
 Phenanthrene
 Concen: 14.879 ng/ul
 RT: 17.057 min Scan# 2392
 Delta R.T. 0.000 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13

Tgt Ion:178 Resp: 1002494
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 20.3 15.6 23.4



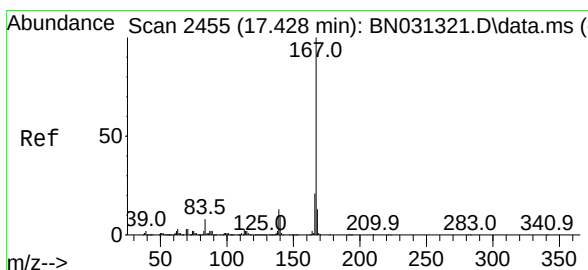
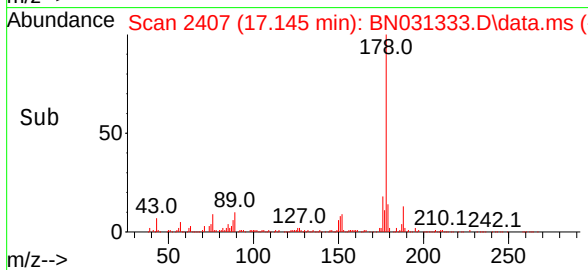
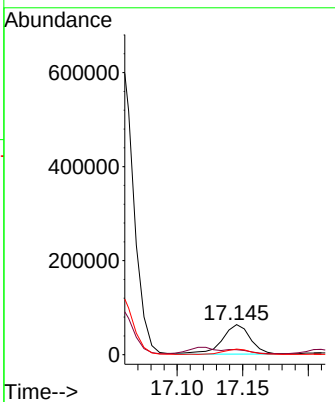
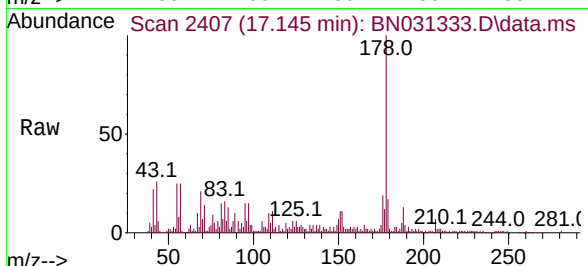


#74
 Anthracene
 Concen: 1.400 ng/ul
 RT: 17.145 min Scan# 2407
 Delta R.T. -0.006 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 94319

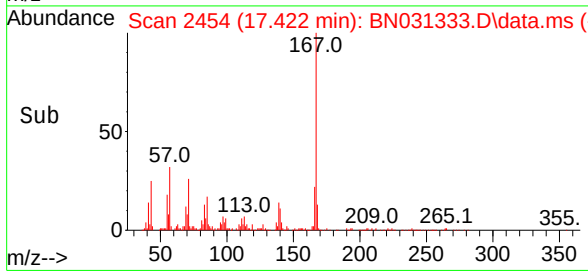
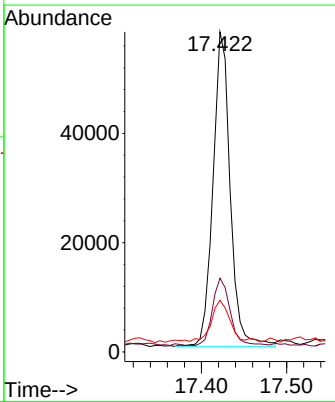
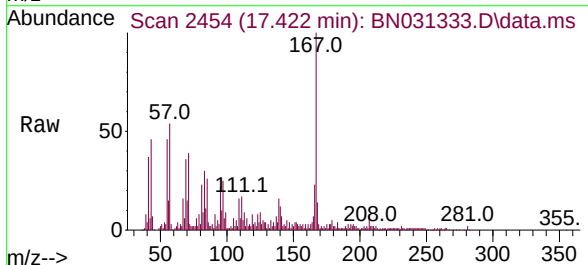
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	18.9	15.1	22.7

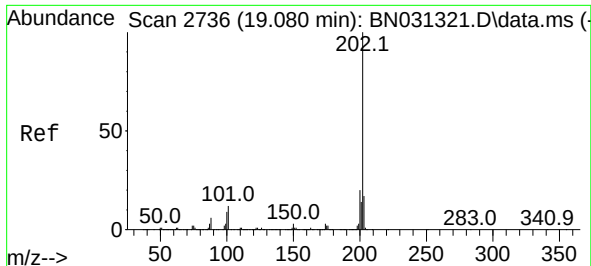


#77
 Carbazole
 Concen: 1.369 ng/ul
 RT: 17.422 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13

Tgt Ion:167 Resp: 80593

Ion	Ratio	Lower	Upper
167	100		
166	23.1	16.7	25.1
139	16.1	10.4	15.6

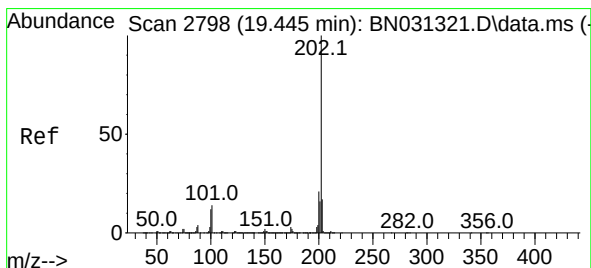
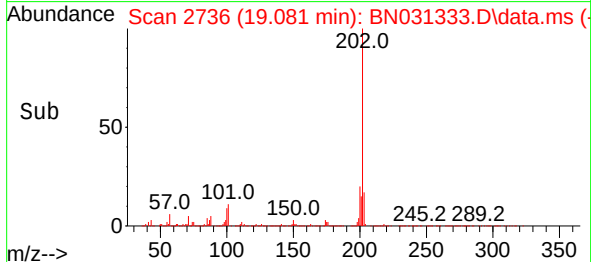
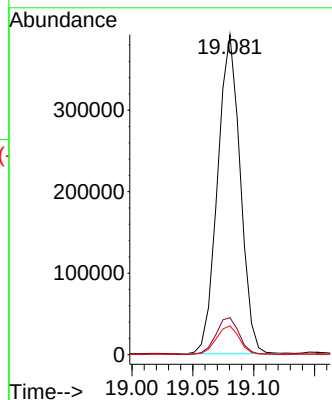
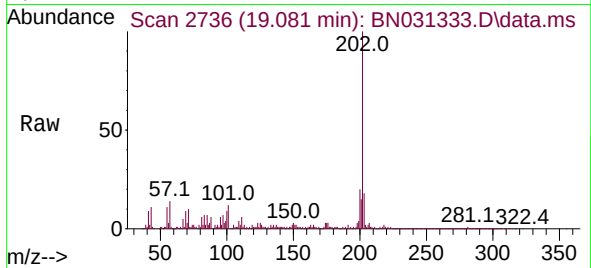




#80
Fluoranthene
Concen: 6.756 ng/ul
RT: 19.081 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

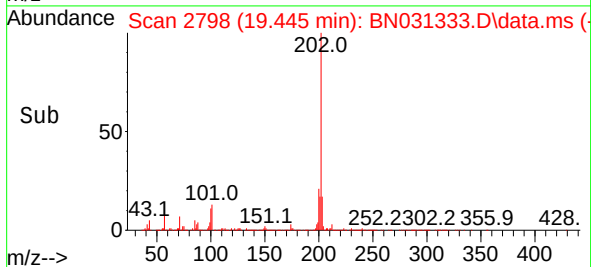
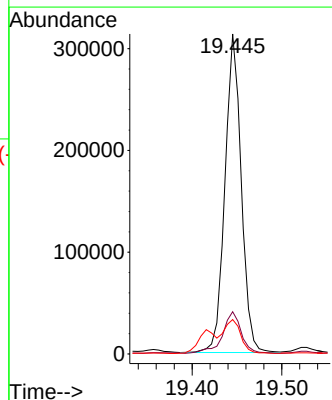
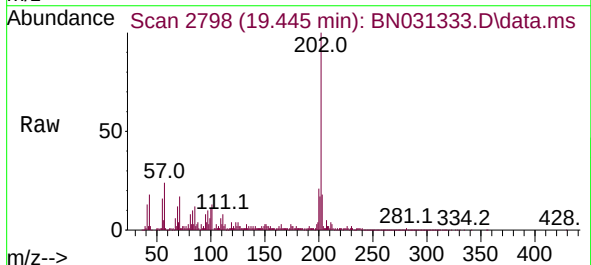
Instrument :
BNA_N
ClientSampleId :

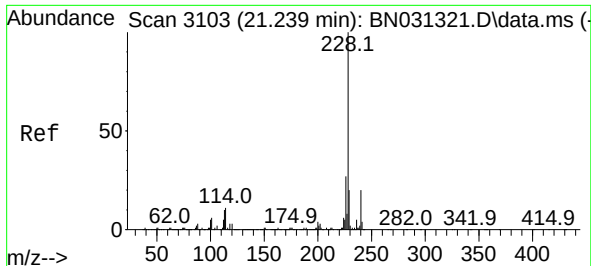
Tgt Ion:202 Resp: 506913
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.6
100 9.0 6.7 10.1



#82
Pyrene
Concen: 5.156 ng/ul
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

Tgt Ion:202 Resp: 394648
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.6
100 10.8 9.2 13.8

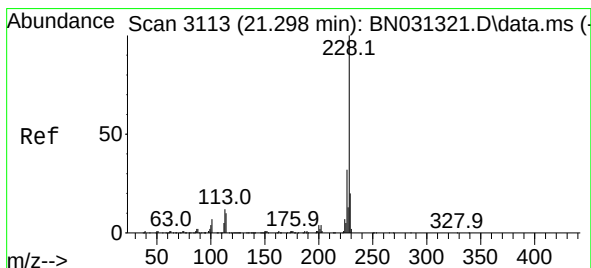
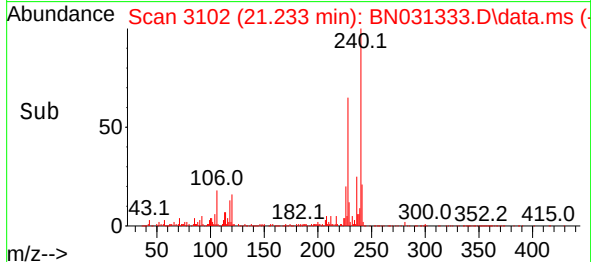
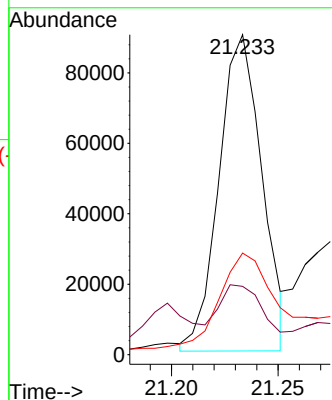
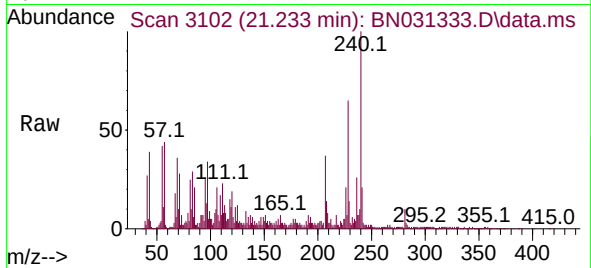




#85
Benzo(a)anthracene
Concen: 1.882 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

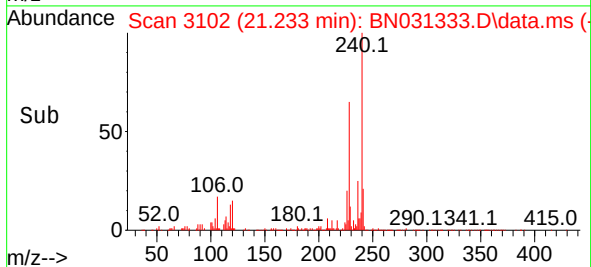
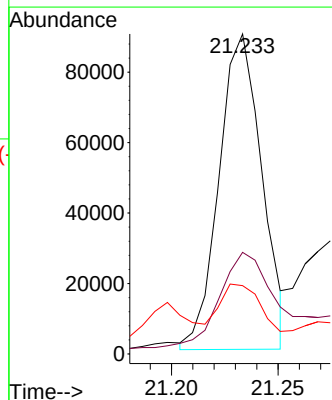
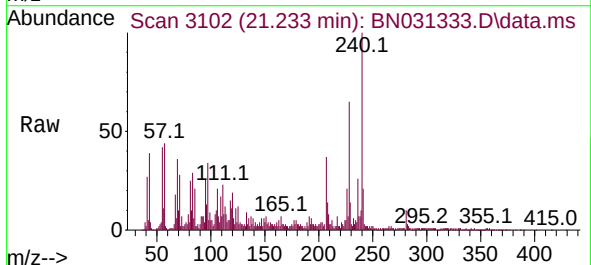
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ClientSampleId :

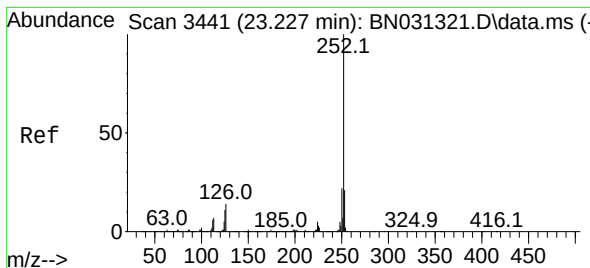
Tgt Ion:228 Resp: 126186
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 31.8 21.1 31.7#



#87
Chrysene
Concen: 1.998 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. -0.065 min
Lab File: BN031333.D
Acq: 30 Apr 2024 23:13

Tgt Ion:228 Resp: 125542
Ion Ratio Lower Upper
228 100
226 31.8 24.5 36.7
229 21.4 16.7 25.1





#90

Benzo(b)fluoranthene

Concen: 2.425 ng/ul

RT: 23.227 min Scan# 3441

Delta R.T. 0.000 min

Lab File: BN031333.D

Acq: 30 Apr 2024 23:13

Instrument :

BNA_N

ClientSampleId :

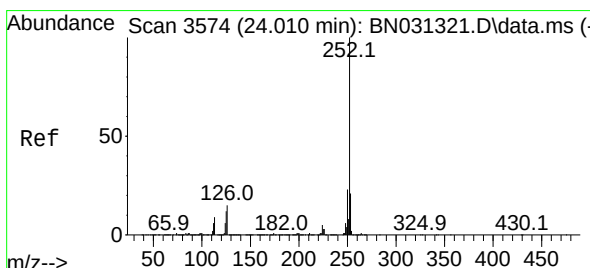
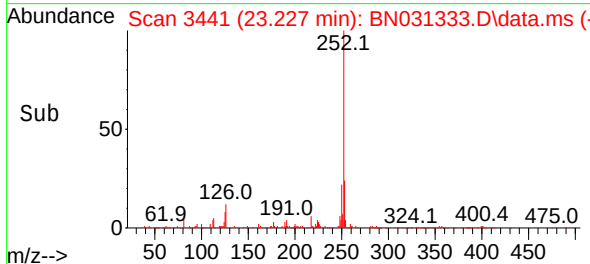
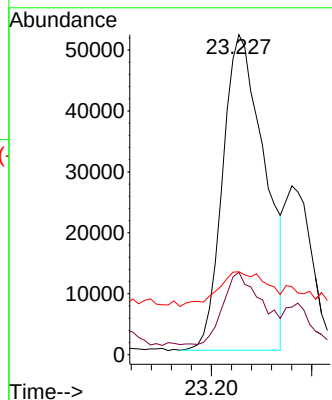
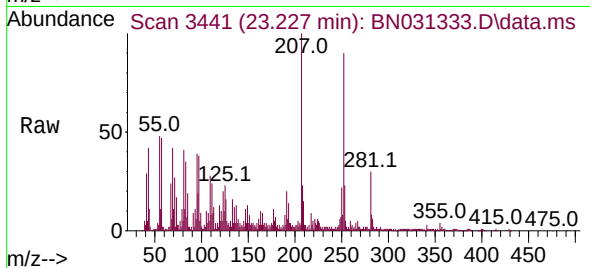
Tgt Ion:252 Resp: 150425

Ion Ratio Lower Upper

252 100

253 25.7 15.7 23.5#

125 25.9 8.6 13.0#



#93

Benzo(a)pyrene

Concen: 1.759 ng/ul

RT: 24.004 min Scan# 3573

Delta R.T. -0.006 min

Lab File: BN031333.D

Acq: 30 Apr 2024 23:13

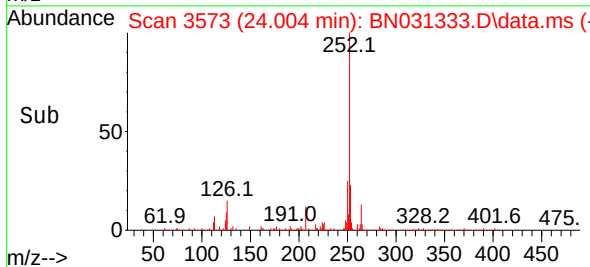
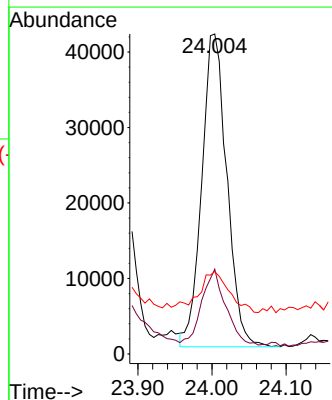
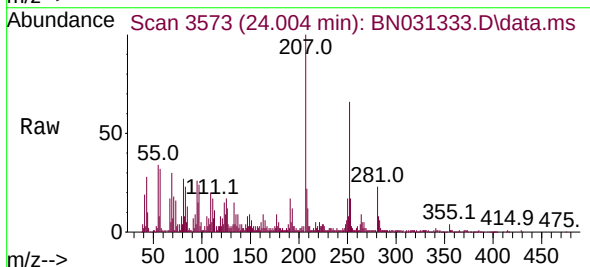
Tgt Ion:252 Resp: 97576

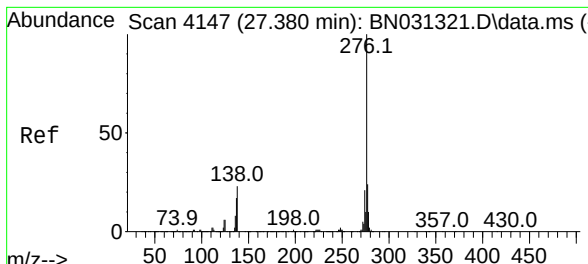
Ion Ratio Lower Upper

252 100

253 26.5 17.7 26.5

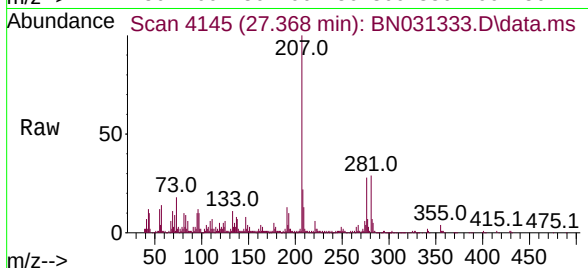
125 25.7 9.7 14.5#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.081 ng/ul
 RT: 27.368 min Scan# 4145
 Delta R.T. -0.012 min
 Lab File: BN031333.D
 Acq: 30 Apr 2024 23:13

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	67978
Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.1	27.1
277	25.3	19.5	29.3

