

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031332.D
 Acq On : 30 Apr 2024 22:33
 Operator : MA/JU
 Sample : P2203-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 23:34:06 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)

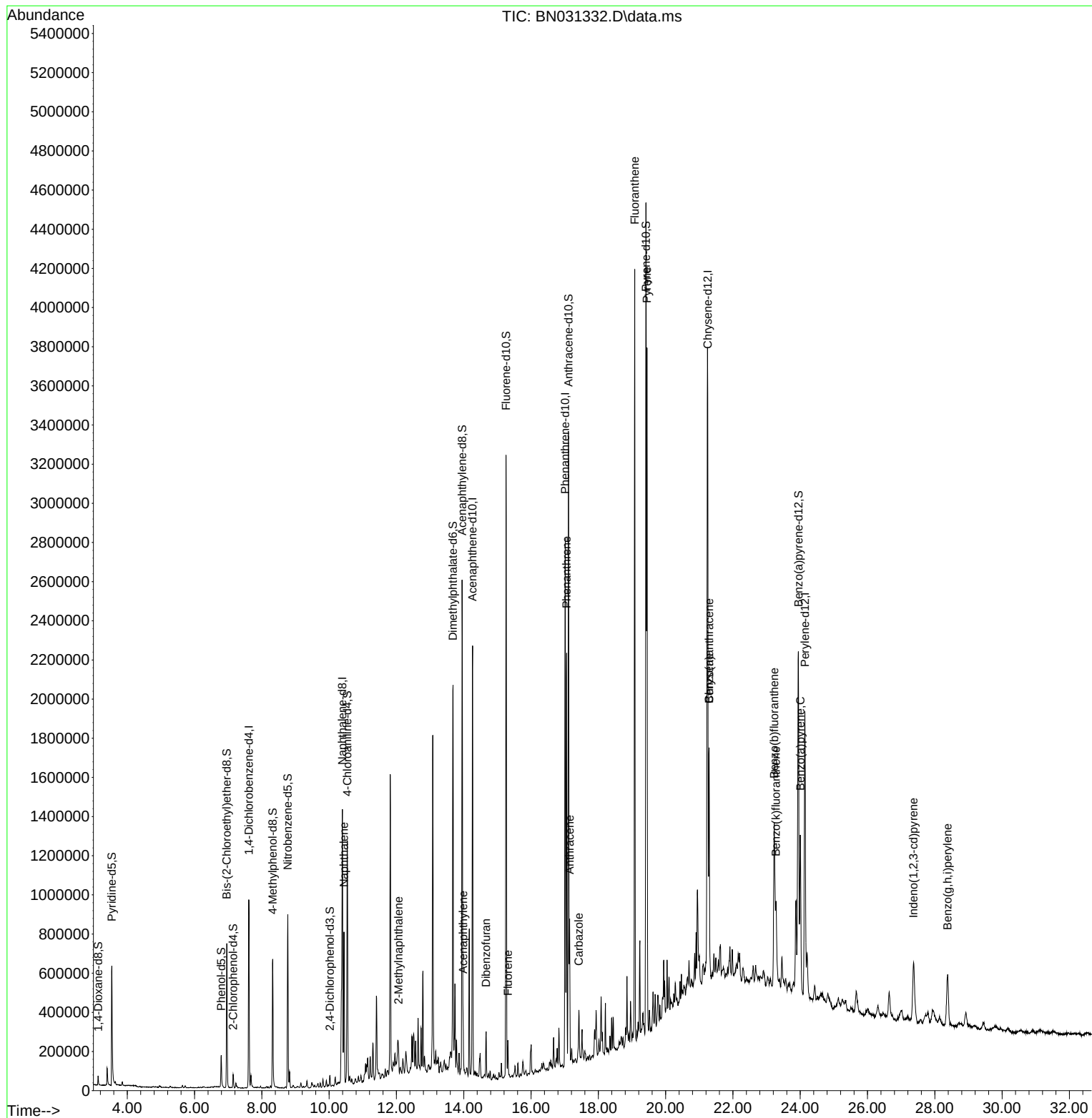
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	253214	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1128953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	732271	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1600525	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	1273483	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1206788	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	23426	4.307	ng/uL	0.00
4) Pyridine-d5	3.540	84	359427	23.078	ng/ul	0.00
7) Phenol-d5	6.793	99	92799	4.554	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	308249	25.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	31542	1.935	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	248829	14.736	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	210934	25.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	8093	0.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	20297	1.248	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	607812	25.793	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1325153	27.449	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1575492	28.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	43	0.005	ng/ul	-0.02
60) Fluorene-d10	15.257	176	1217464	29.532	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	507	0.062	ng/ul	0.00
73) Anthracene-d10	17.110	188	1814794	27.474	ng/ul	0.00
81) Pyrene-d10	19.416	212	2051660	26.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1569479	28.092	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	630600	11.367	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	63180	1.643	ng/ul	89
50) Acenaphthylene	13.981	152	158052	2.480	ng/ul	99
56) Dibenzofuran	14.663	168	124569	2.169	ng/ul	98
61) Fluorene	15.310	166	75088	1.640	ng/ul	96
72) Phenanthrene	17.057	178	1240967	15.667	ng/ul	99
74) Anthracene	17.145	178	429084	5.417	ng/ul	97
77) Carbazole	17.422	167	130694	1.889	ng/ul	98
80) Fluoranthene	19.081	202	2257162	24.277	ng/ul	99
82) Pyrene	19.445	202	1909353	20.131	ng/ul	99
85) Benzo(a)anthracene	21.292	228	749588	9.019	ng/ul	96
87) Chrysene	21.292	228	749763	9.629	ng/ul	98
90) Benzo(b)fluoranthene	23.227	252	937813	12.823	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	290042	4.033	ng/ul	97
93) Benzo(a)pyrene	24.004	252	673432	10.295	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.368	276	423301	5.711	ng/ul	99
96) Benzo(g,h,i)perylene	28.380	276	420302	7.031	ng/ul	96

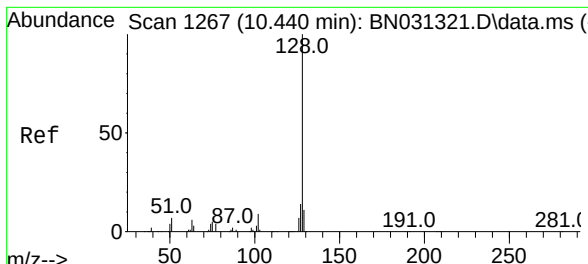
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
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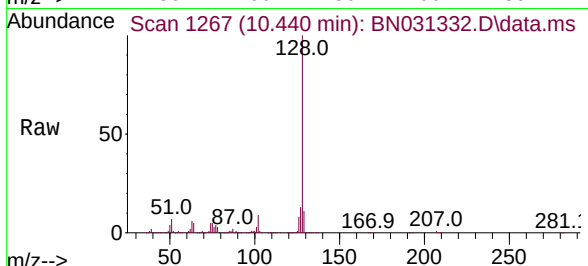
Quant Time: Apr 30 23:34:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:30:44 2024
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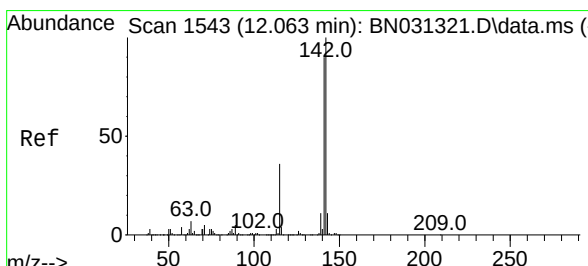
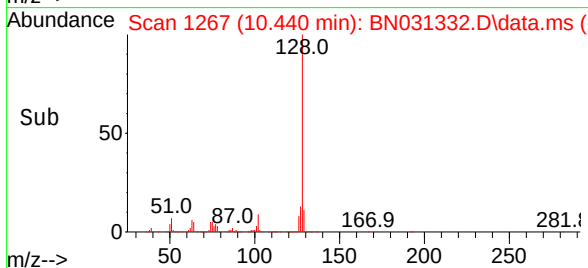
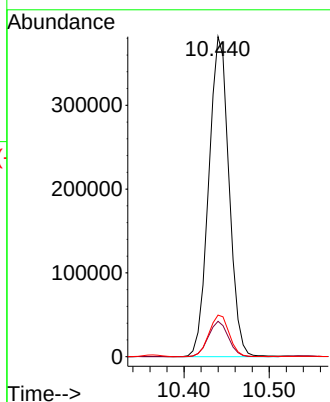


#30
Naphthalene
Concen: 11.367 ng/ul
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Instrument :
BNA_N
ClientSampleId :

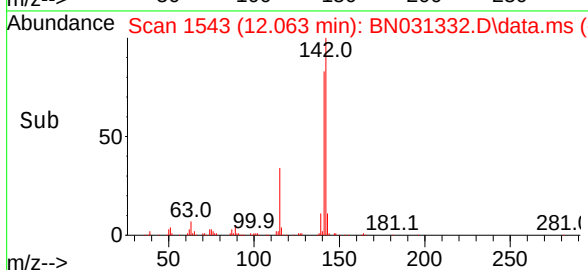
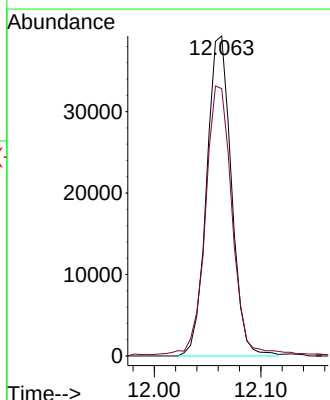
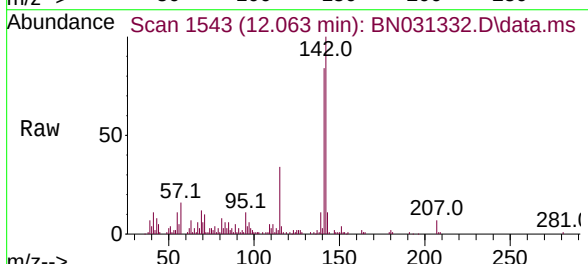


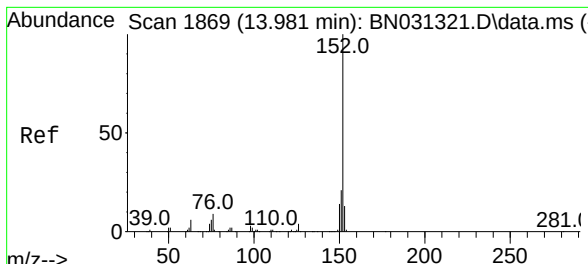
Tgt Ion:	128	Resp:	630600
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.0	10.7	16.1



#36
2-Methylnaphthalene
Concen: 1.643 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Tgt Ion:	142	Resp:	63180
Ion Ratio	Lower	Upper	
142	100		
141	83.6	75.0	112.4

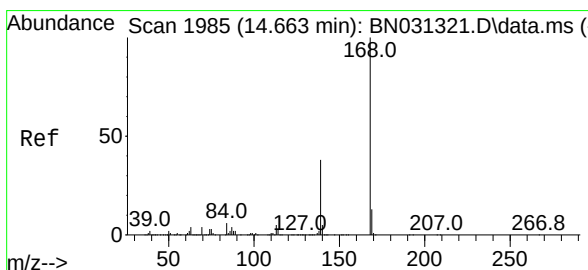
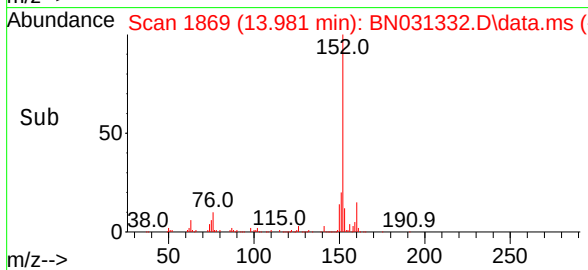
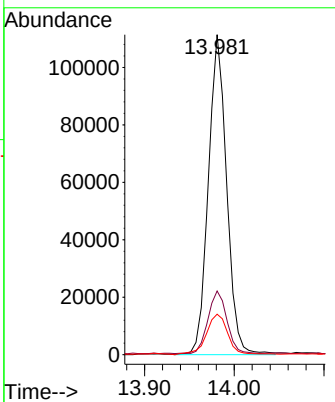
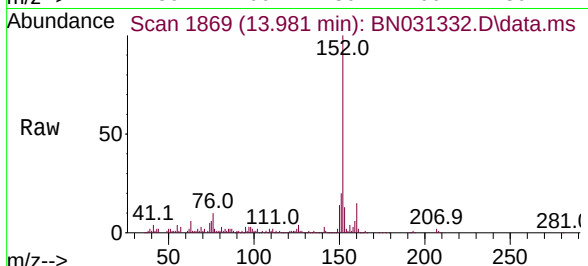




#50
Acenaphthylene
Concen: 2.480 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

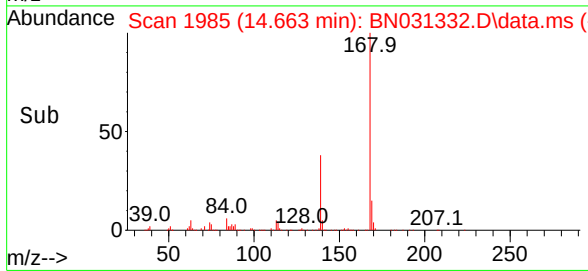
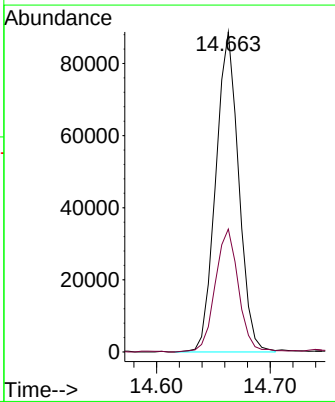
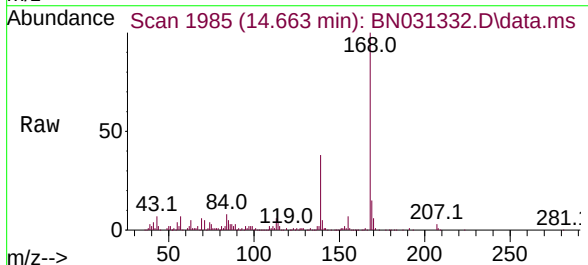
Instrument :
BNA_N
ClientSampleId :

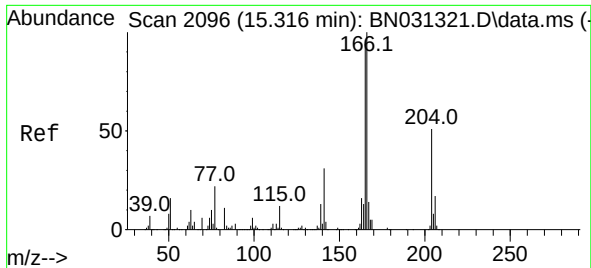
Tgt Ion:152	Resp:	158052
Ion Ratio	Lower	Upper
152	100	
151	19.9	16.3 24.5
153	12.7	10.6 15.8



#56
Dibenzofuran
Concen: 2.169 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

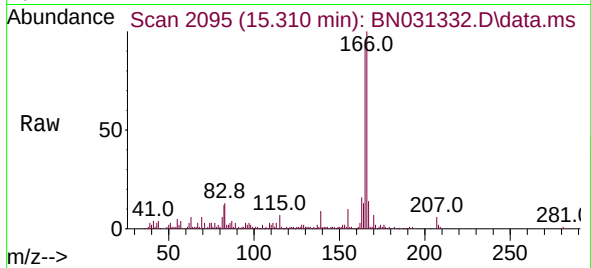
Tgt Ion:168	Resp:	124569
Ion Ratio	Lower	Upper
168	100	
139	38.4	29.7 44.5



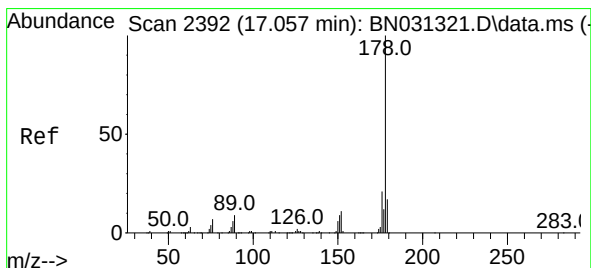
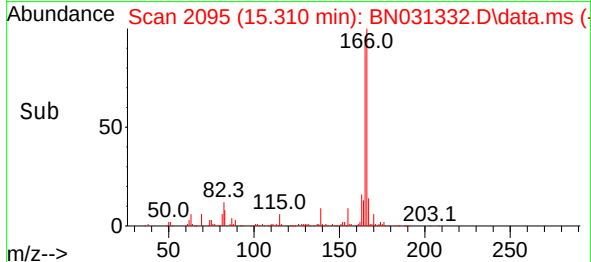
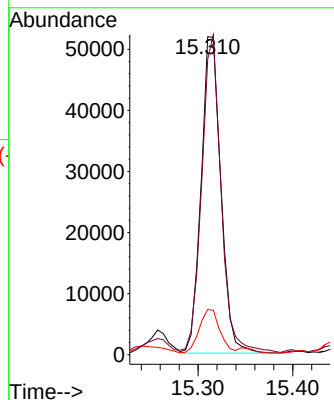


#61
Fluorene
Concen: 1.640 ng/ul
RT: 15.310 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Instrument :
BNA_N
ClientSampleId :

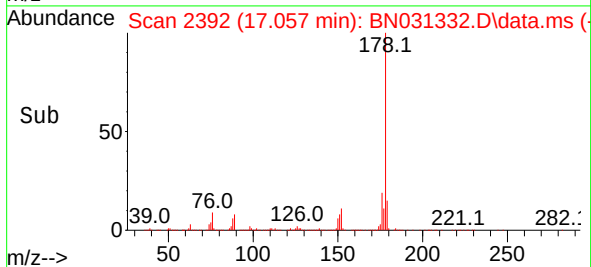
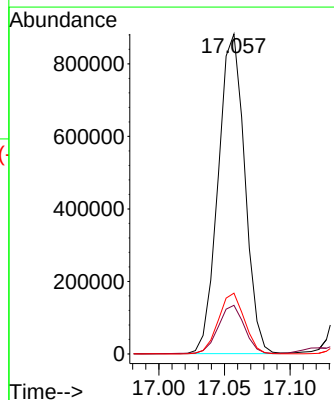
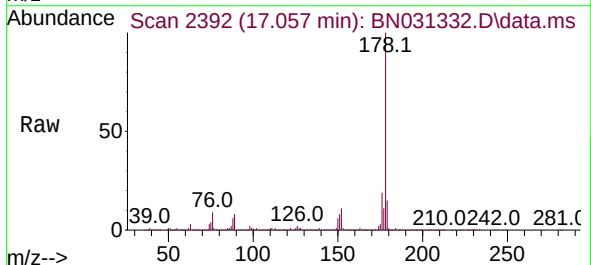


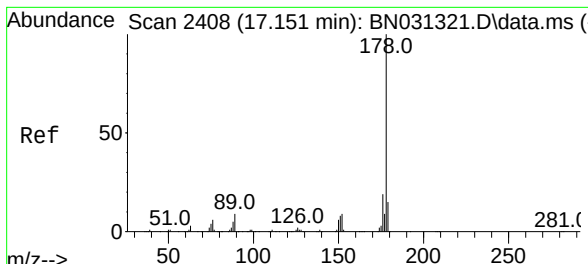
Tgt Ion:166 Resp: 75088
Ion Ratio Lower Upper
166 100
165 93.0 77.9 116.9
167 14.2 10.9 16.3



#72
Phenanthrene
Concen: 15.667 ng/ul
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

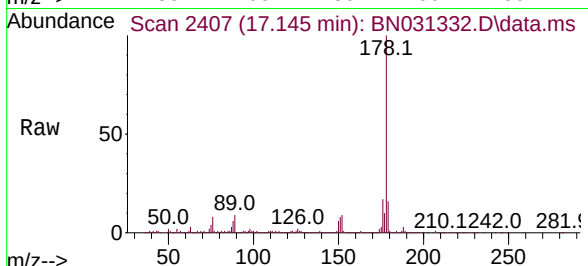
Tgt Ion:178 Resp: 1240967
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.0 15.6 23.4





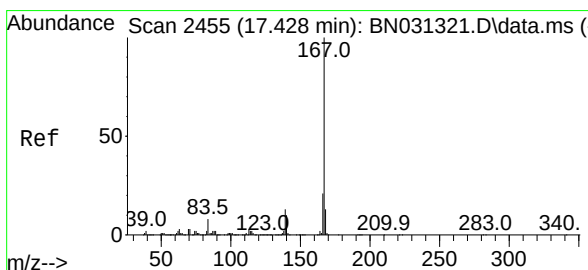
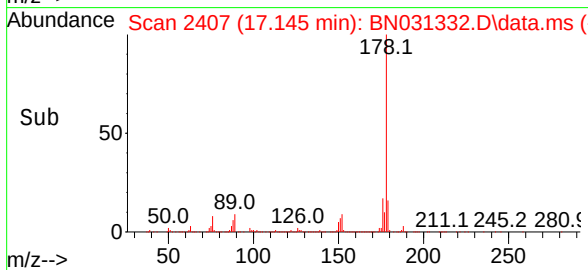
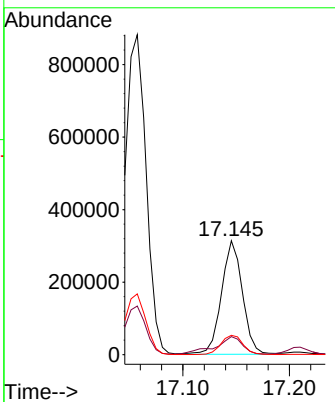
#74
 Anthracene
 Concen: 5.417 ng/ul
 RT: 17.145 min Scan# 2407
 Delta R.T. -0.006 min
 Lab File: BN031332.D
 Acq: 30 Apr 2024 22:33

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:178 Resp: 429084

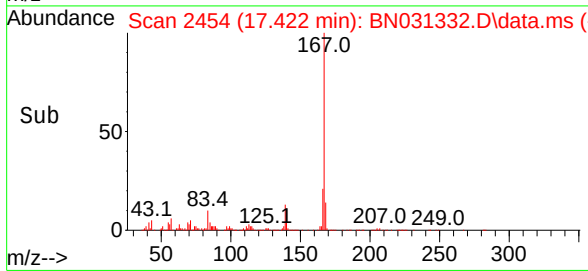
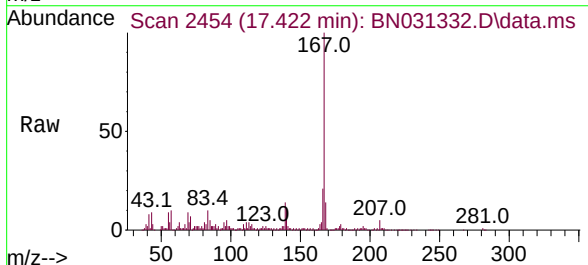
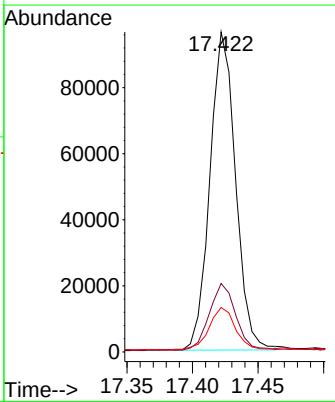
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	17.0	15.1	22.7

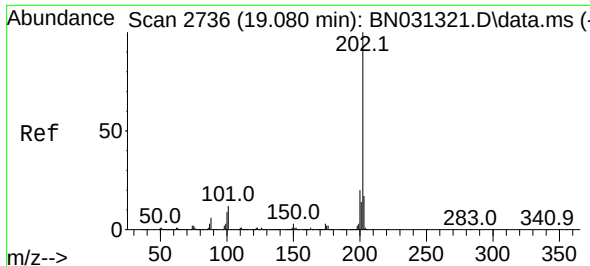


#77
 Carbazole
 Concen: 1.889 ng/ul
 RT: 17.422 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BN031332.D
 Acq: 30 Apr 2024 22:33

Tgt Ion:167 Resp: 130694

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.7	25.1
139	13.9	10.4	15.6

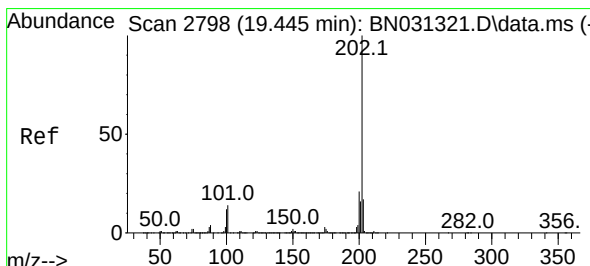
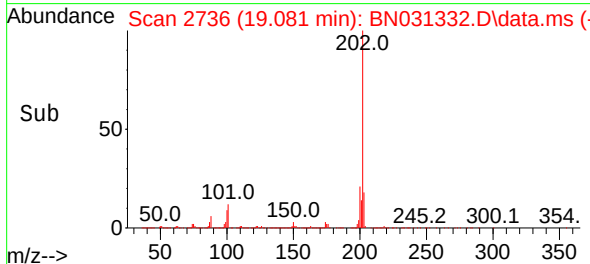
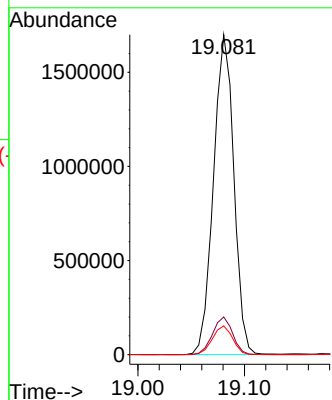
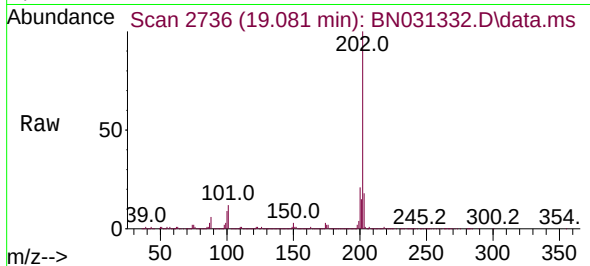




#80
Fluoranthene
Concen: 24.277 ng/ul
RT: 19.081 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

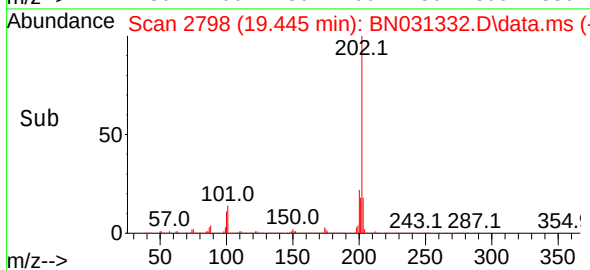
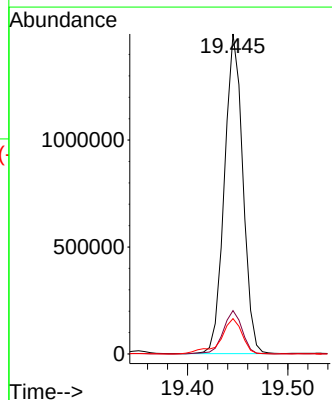
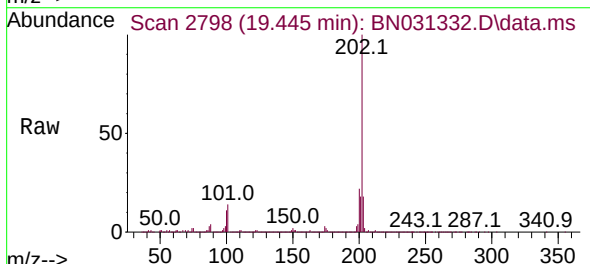
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BNA_N
ClientSampleId :

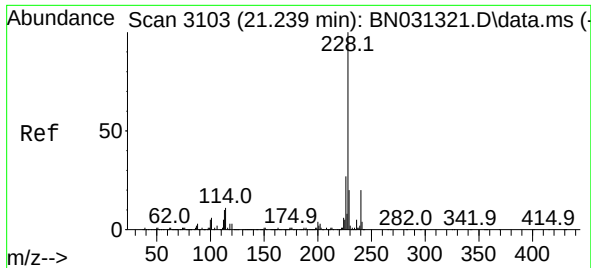
Tgt Ion:202 Resp: 2257162
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.6
100 9.0 6.7 10.1



#82
Pyrene
Concen: 20.131 ng/ul
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Tgt Ion:202 Resp: 1909353
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.6
100 11.1 9.2 13.8

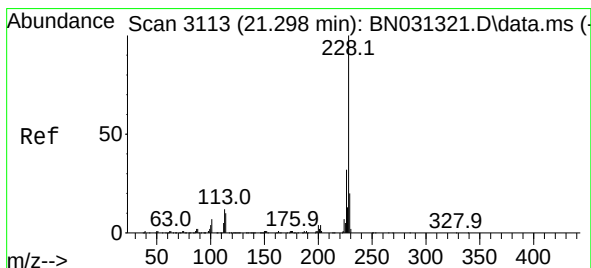
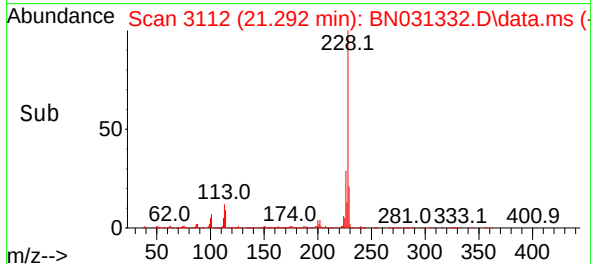
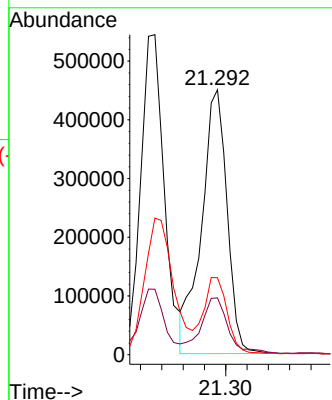
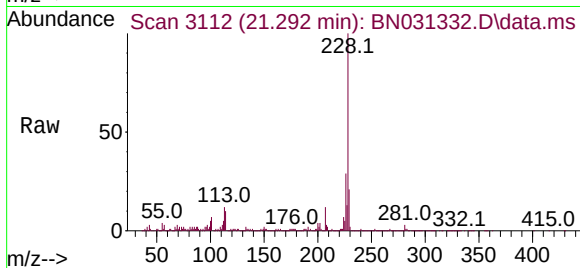




#85
Benzo(a)anthracene
Concen: 9.019 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.053 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

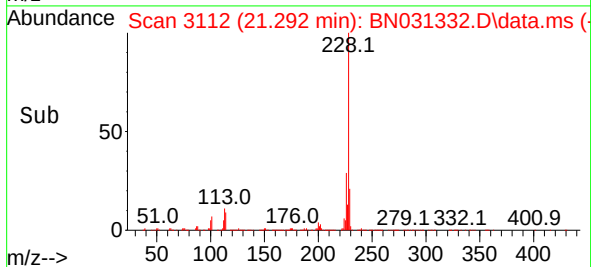
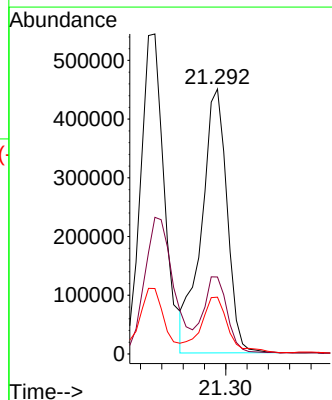
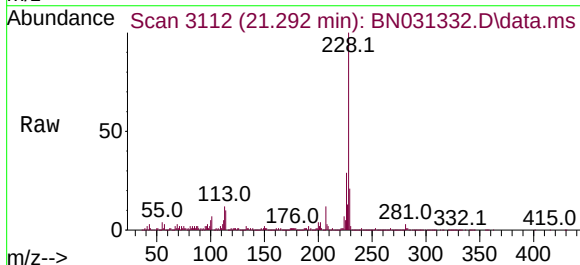
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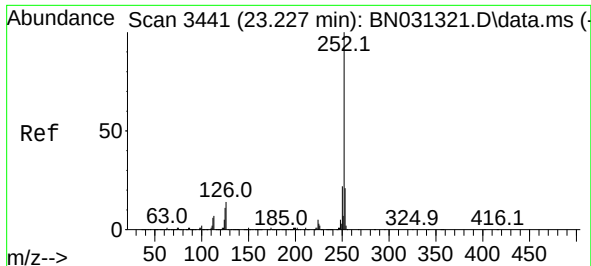
Tgt Ion:228 Resp: 749588
Ion Ratio Lower Upper
228 100
229 21.5 15.9 23.9
226 29.1 21.1 31.7



#87
Chrysene
Concen: 9.629 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

Tgt Ion:228 Resp: 749763
Ion Ratio Lower Upper
228 100
226 29.1 24.5 36.7
229 21.5 16.7 25.1





#90

Benzo(b)fluoranthene

Concen: 12.823 ng/ul

RT: 23.227 min Scan# 3441

Delta R.T. 0.000 min

Lab File: BN031332.D

Acq: 30 Apr 2024 22:33

Instrument :

BNA_N

ClientSampleId :

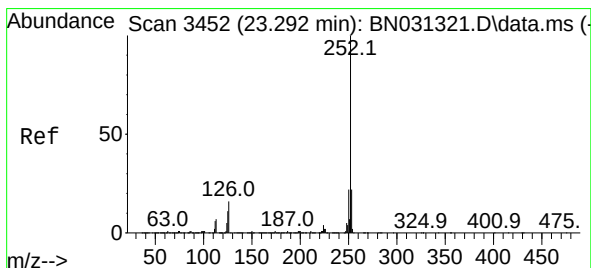
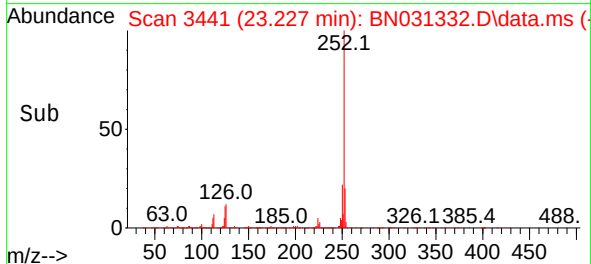
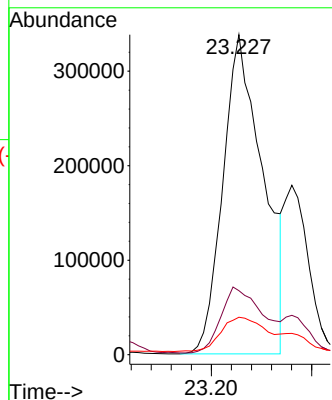
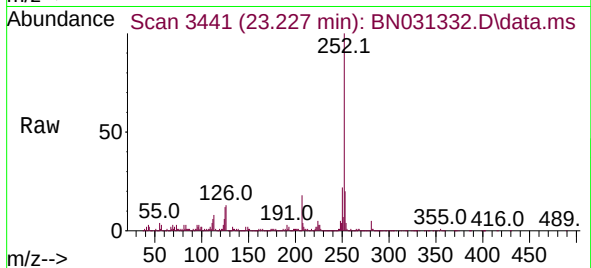
Tgt Ion:252 Resp: 937813

Ion Ratio Lower Upper

252 100

253 20.0 15.7 23.5

125 11.7 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 4.033 ng/ul

RT: 23.280 min Scan# 3450

Delta R.T. -0.012 min

Lab File: BN031332.D

Acq: 30 Apr 2024 22:33

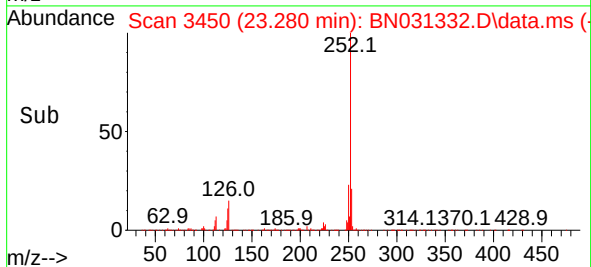
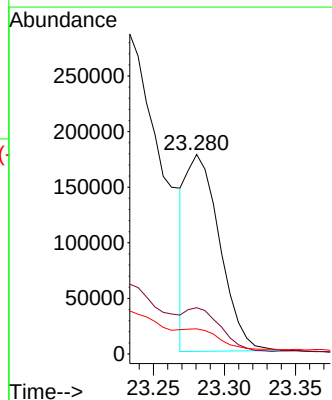
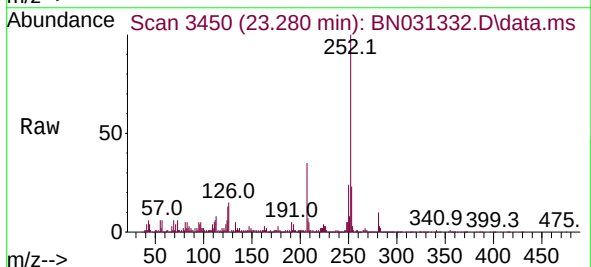
Tgt Ion:252 Resp: 290042

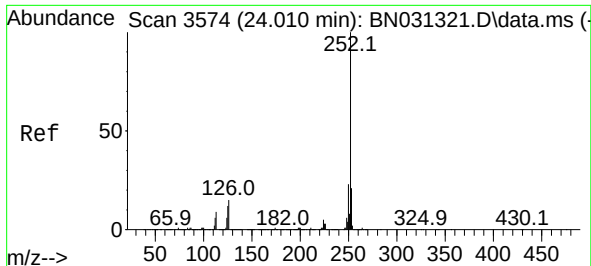
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

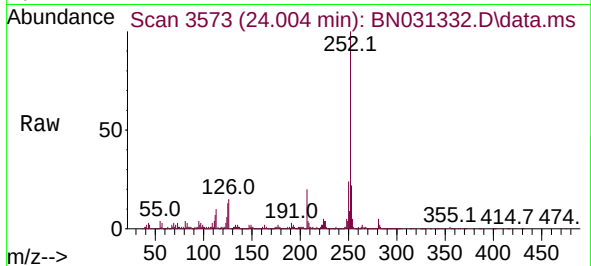
125 12.6 8.7 13.1



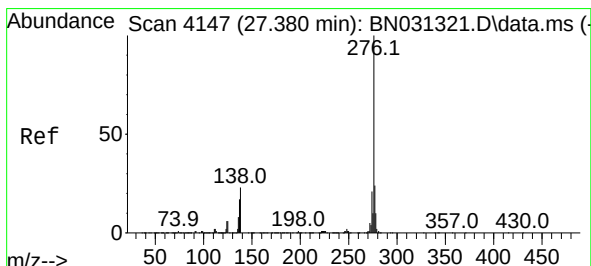
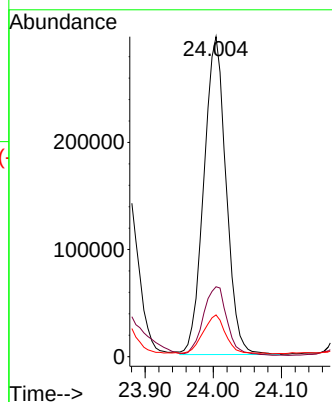
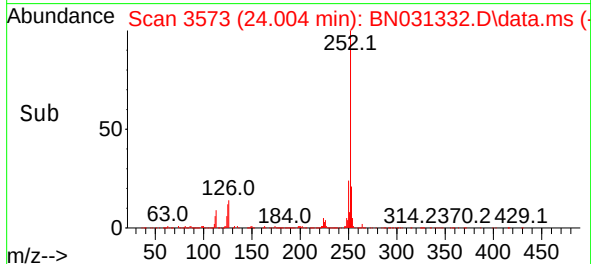


#93
Benzo(a)pyrene
Concen: 10.295 ng/ul
RT: 24.004 min Scan# 3573
Delta R.T. -0.006 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33

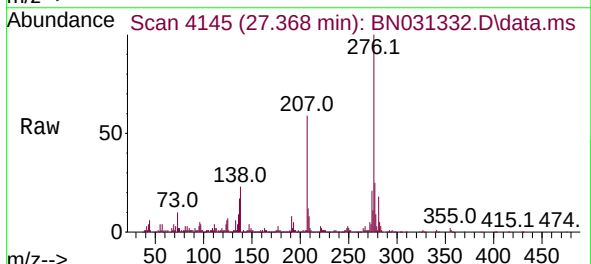
Instrument :
BNA_N
ClientSampleId :



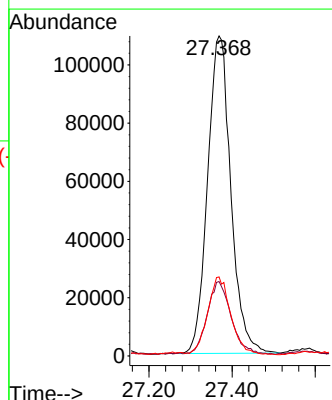
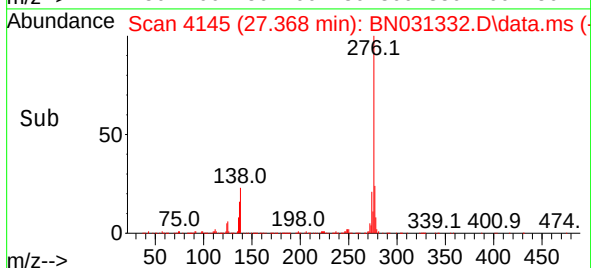
Tgt Ion:252 Resp: 673432
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 13.1 9.7 14.5

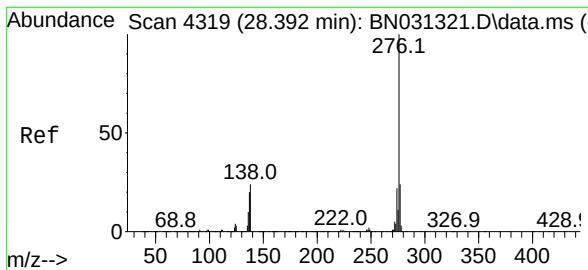


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.711 ng/ul
RT: 27.368 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BN031332.D
Acq: 30 Apr 2024 22:33



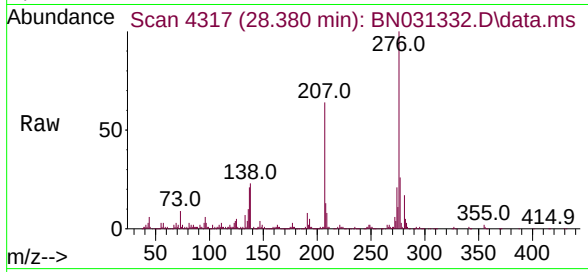
Tgt Ion:276 Resp: 423301
Ion Ratio Lower Upper
276 100
138 23.2 18.1 27.1
277 24.7 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 7.031 ng/ul
 RT: 28.380 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BN031332.D
 Acq: 30 Apr 2024 22:33

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276	Resp:	420302
Ion	Ratio	Lower Upper
276	100	
138	23.1	18.8 28.2
277	25.6	18.0 27.0

