

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031358.D
 Acq On : 01 May 2024 21:52
 Operator : MA/JU
 Sample : P2119-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 00:08:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

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

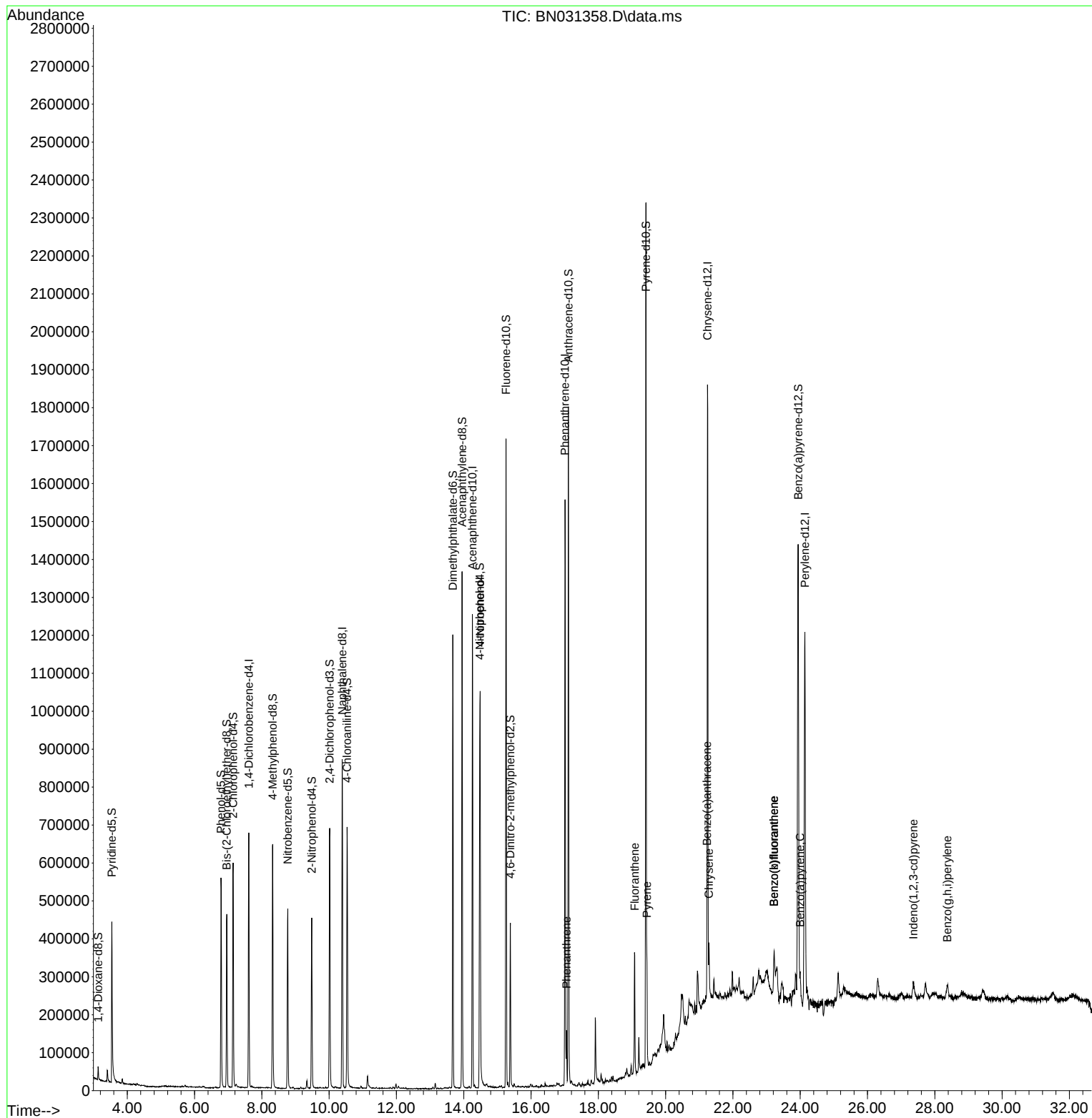
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	174375	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	707661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	433082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	879424	20.000	ng/ul	0.00
79) Chrysene-d12	21.245	240	813573	20.000	ng/ul	-0.01
88) Perylene-d12	24.139	264	832993	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	17006	4.540	ng/uL	0.00
4) Pyridine-d5	3.540	84	229795	21.425	ng/ul	0.00
7) Phenol-d5	6.787	99	308971	22.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	195609	23.809	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	271911	24.222	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	247051	21.246	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	115138	22.576	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	139458	25.407	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	251621	24.686	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	378215	25.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	745950	26.126	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	857870	25.895	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	115580	22.306	ng/ul	0.00
60) Fluorene-d10	15.257	176	634972	26.043	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	85279	18.857	ng/ul	0.00
73) Anthracene-d10	17.110	188	971021	26.754	ng/ul	0.00
81) Pyrene-d10	19.416	212	1121348	22.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1022318	26.509	ng/ul	0.00
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.487	109	6350	1.531	ng/ul#	26
72) Phenanthrene	17.057	178	82330	1.892	ng/ul	98
80) Fluoranthene	19.081	202	184750	3.110	ng/ul	99
82) Pyrene	19.445	202	162840	2.687	ng/ul	97
85) Benzo(a)anthracene	21.227	228	70291	1.324	ng/ul	96
87) Chrysene	21.286	228	87804	1.765	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252	114170	2.262	ng/ul	97
91) Benzo(k)fluoranthene	23.221	252	113896	2.294	ng/ul	98
93) Benzo(a)pyrene	23.998	252	63963	1.417	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.362	276	55131	1.078	ng/ul	95
96) Benzo(g,h,i)perylene	28.368	276	55718	1.350	ng/ul	99

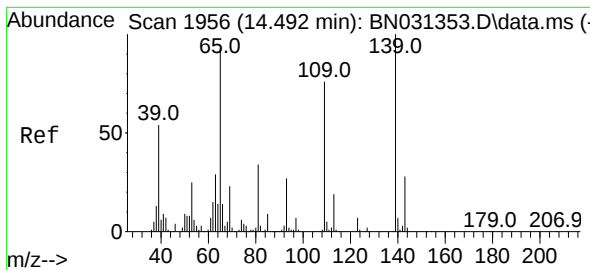
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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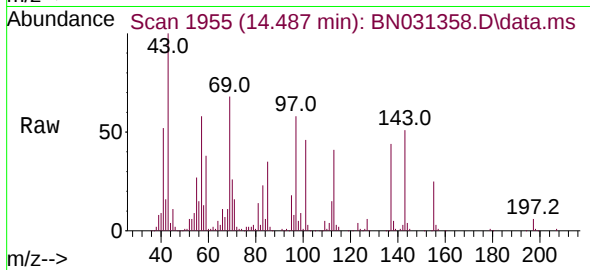
Quant Time: May 02 00:08:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 02 00:07:34 2024
Response via : Initial Calibration



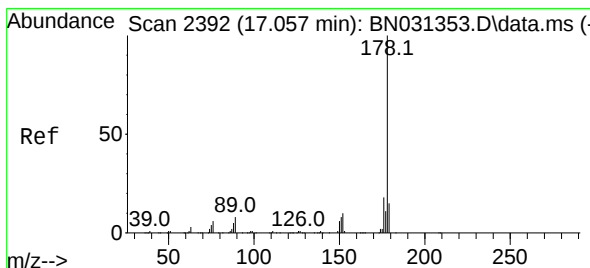
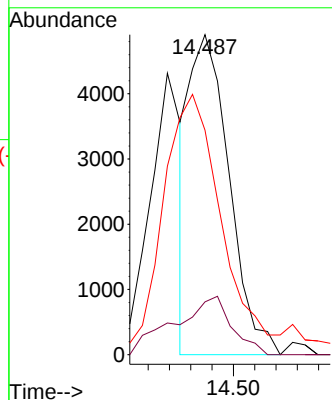
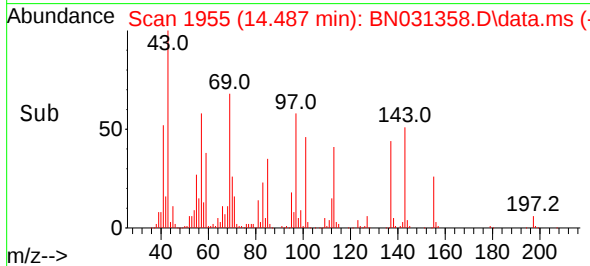


#55
4-Nitrophenol
Concen: 1.531 ng/ul
RT: 14.487 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Instrument :
BNA_N
ClientSampleId :

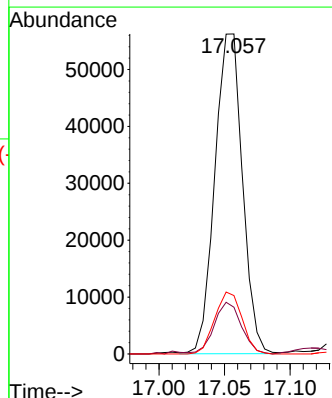
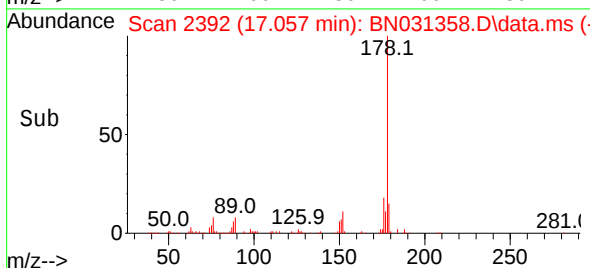
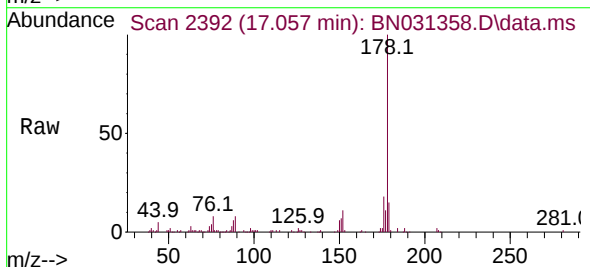


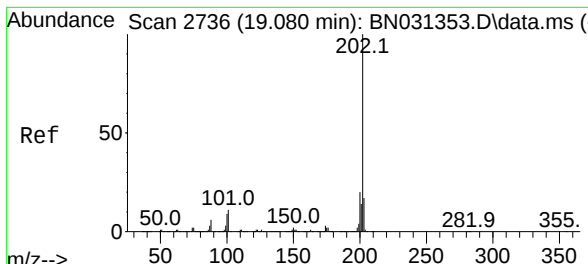
Tgt Ion:109 Resp: 6350
Ion Ratio Lower Upper
109 100
139 16.5 106.2 159.2#
65 70.1 99.9 149.9#



#72
Phenanthrene
Concen: 1.892 ng/ul
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031358.D
Acq: 01 May 2024 21:52

Tgt Ion:178 Resp: 82330
Ion Ratio Lower Upper
178 100
179 14.6 12.4 18.6
176 18.3 15.6 23.4

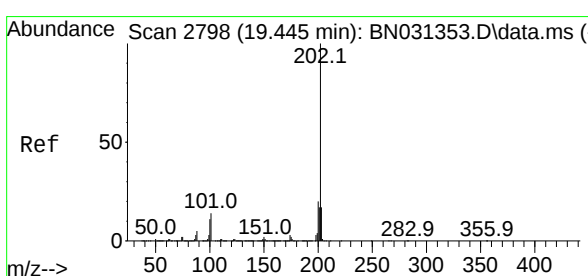
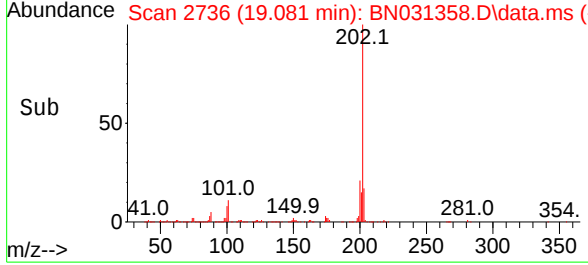
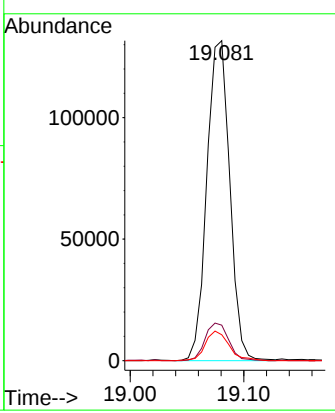
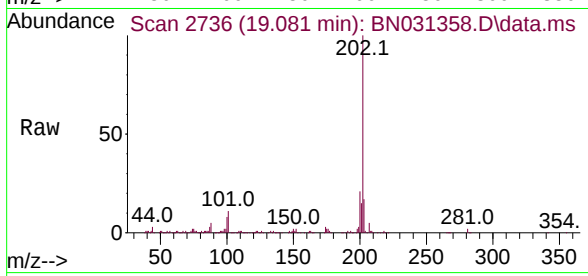




#80
 Fluoranthene
 Concen: 3.110 ng/ul
 RT: 19.081 min Scan# 2736
 Delta R.T. 0.000 min
 Lab File: BN031358.D
 Acq: 01 May 2024 21:52

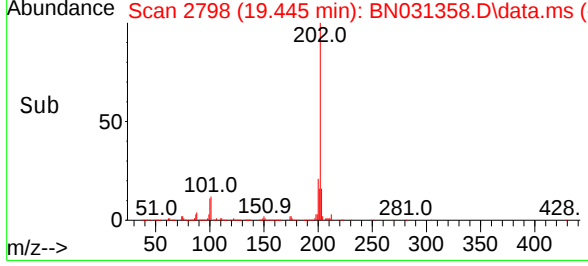
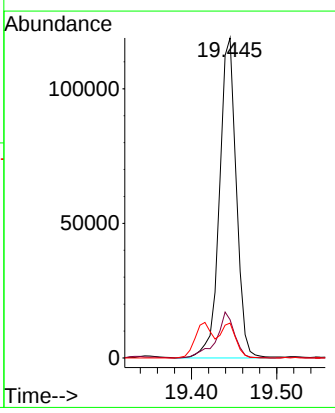
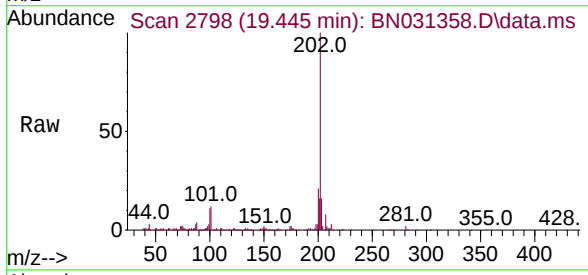
Instrument :
 BNA_N
 ClientSampleId :

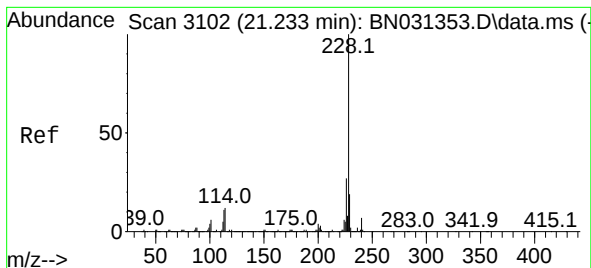
Tgt Ion:	202	Resp:	184750
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.0	13.6
100	8.1	6.7	10.1



#82
 Pyrene
 Concen: 2.687 ng/ul
 RT: 19.445 min Scan# 2798
 Delta R.T. 0.000 min
 Lab File: BN031358.D
 Acq: 01 May 2024 21:52

Tgt Ion:	202	Resp:	162840
Ion Ratio	Lower	Upper	
202	100		
101	12.0	11.0	16.6
100	10.9	9.2	13.8





#85

Benzo(a)anthracene

Concen: 1.324 ng/ul

RT: 21.227 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BN031358.D

Acq: 01 May 2024 21:52

Instrument :

BNA_N

ClientSampleId :

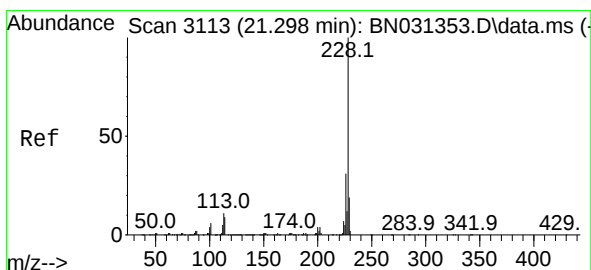
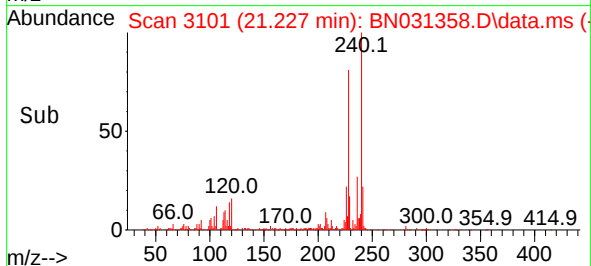
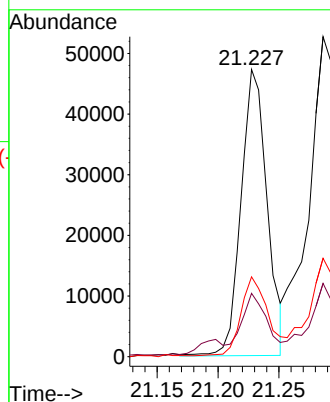
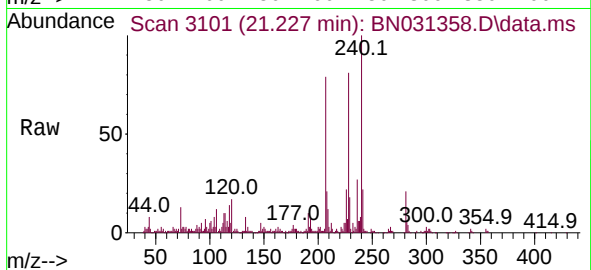
Tgt Ion:228 Resp: 70291

Ion Ratio Lower Upper

228 100

229 22.0 15.9 23.9

226 27.8 21.1 31.7



#87

Chrysene

Concen: 1.765 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BN031358.D

Acq: 01 May 2024 21:52

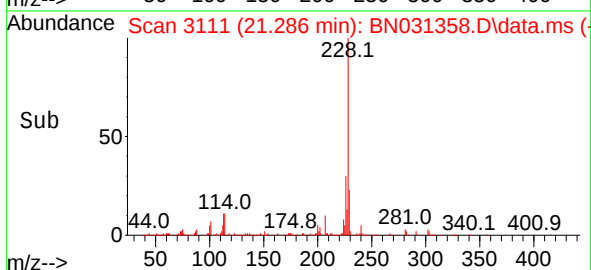
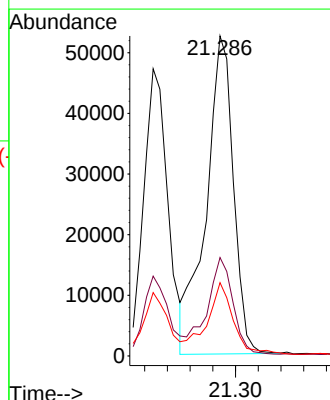
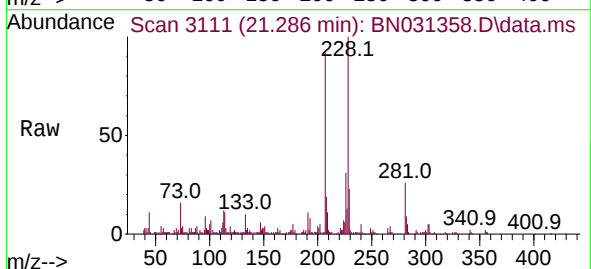
Tgt Ion:228 Resp: 87804

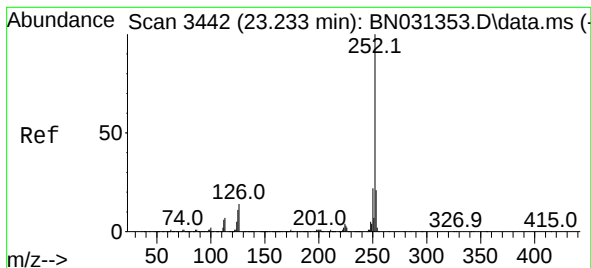
Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 22.9 16.7 25.1





#90

Benzo(b)fluoranthene

Concen: 2.262 ng/ul

RT: 23.221 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BN031358.D

Acq: 01 May 2024 21:52

Instrument :

BNA_N

ClientSampleId :

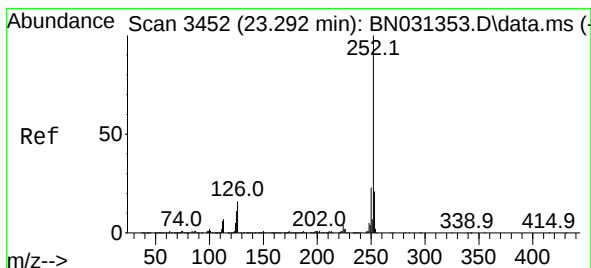
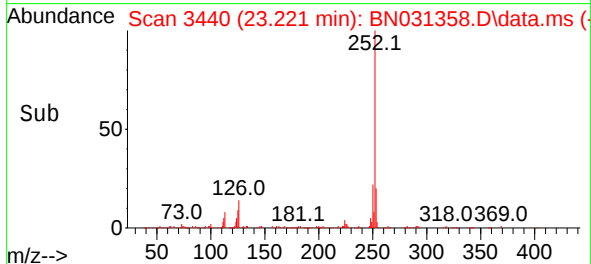
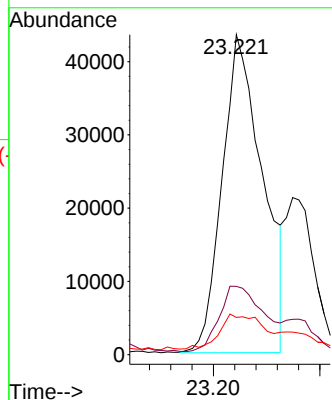
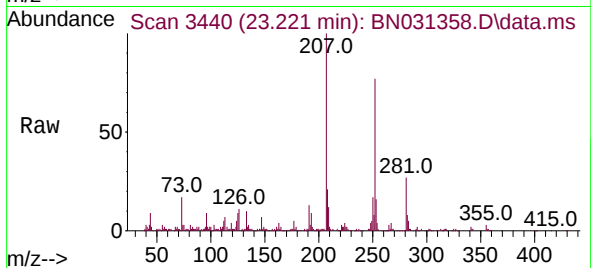
Tgt Ion:252 Resp: 114170

Ion Ratio Lower Upper

252 100

253 21.4 15.7 23.5

125 11.6 8.6 13.0



#91

Benzo(k)fluoranthene

Concen: 2.294 ng/ul

RT: 23.221 min Scan# 3440

Delta R.T. -0.070 min

Lab File: BN031358.D

Acq: 01 May 2024 21:52

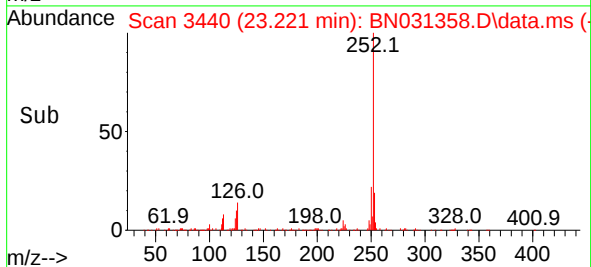
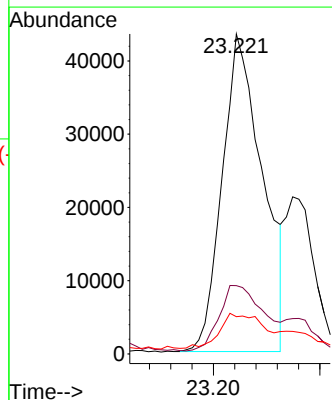
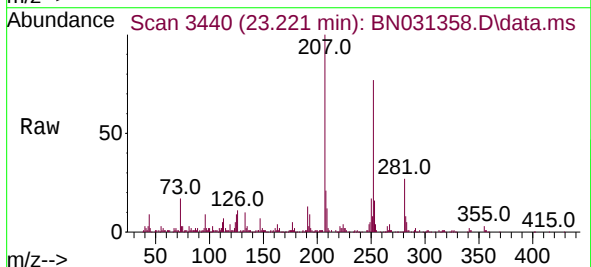
Tgt Ion:252 Resp: 113896

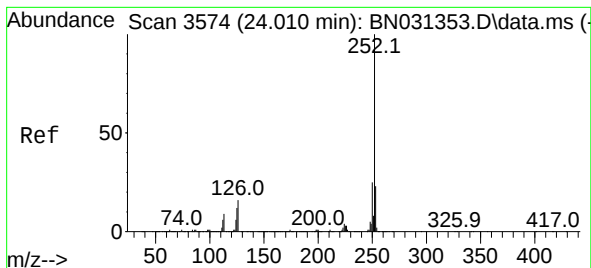
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 11.6 8.7 13.1





#93

Benzo(a)pyrene

Concen: 1.417 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. -0.012 min

Lab File: BN031358.D

Acq: 01 May 2024 21:52

Instrument :

BNA_N

ClientSampleId :

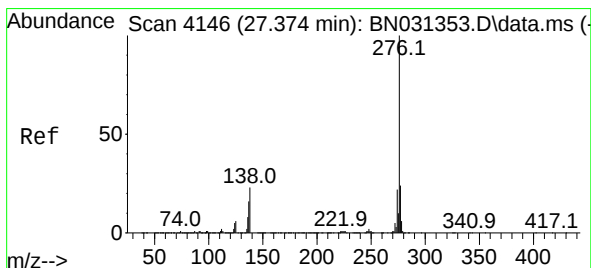
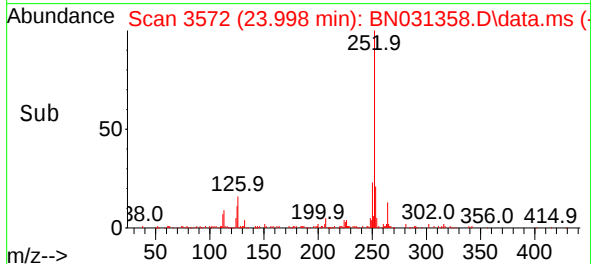
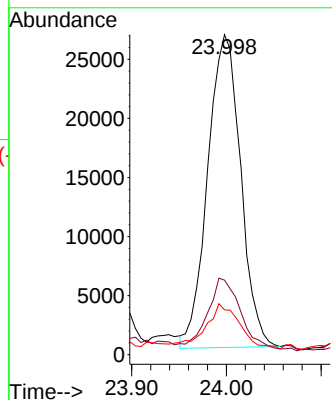
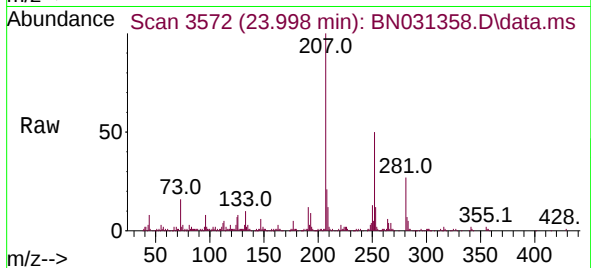
Tgt Ion:252 Resp: 63963

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 14.0 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.078 ng/ul

RT: 27.362 min Scan# 4144

Delta R.T. -0.012 min

Lab File: BN031358.D

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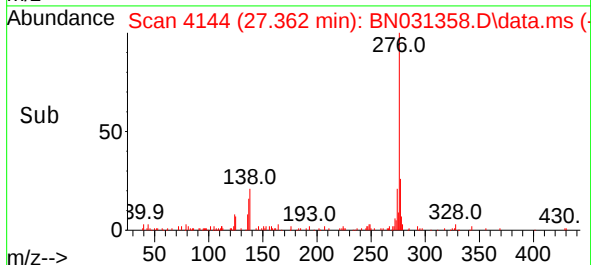
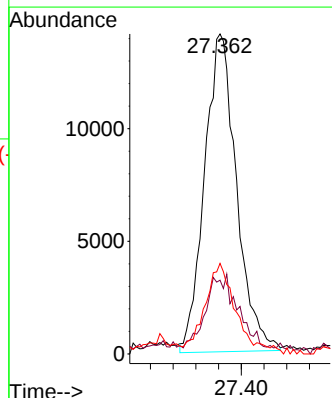
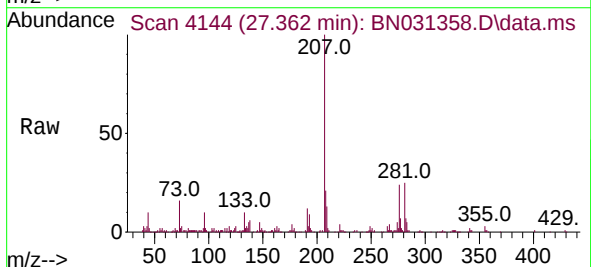
Tgt Ion:276 Resp: 55131

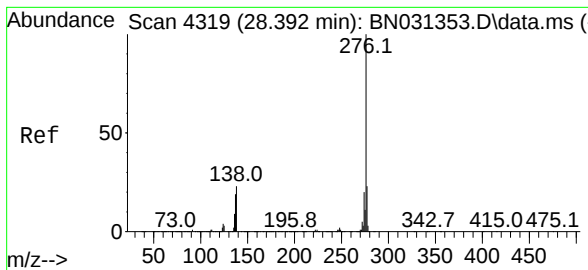
Ion Ratio Lower Upper

276 100

138 23.0 18.1 27.1

277 28.3 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 1.350 ng/ul

RT: 28.368 min Scan# 44

Delta R.T. -0.023 min

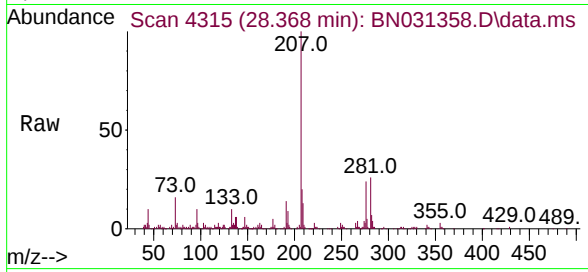
Lab File: BN031358.D

Acq: 01 May 2024 21:52

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:276 Resp: 55718

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

277 21.5 18.0 27.0

