

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031745.D
 Acq On : 31 May 2024 16:57
 Operator : MA/JU
 Sample : P2549-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH623

Quant Time: Jun 01 00:13:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

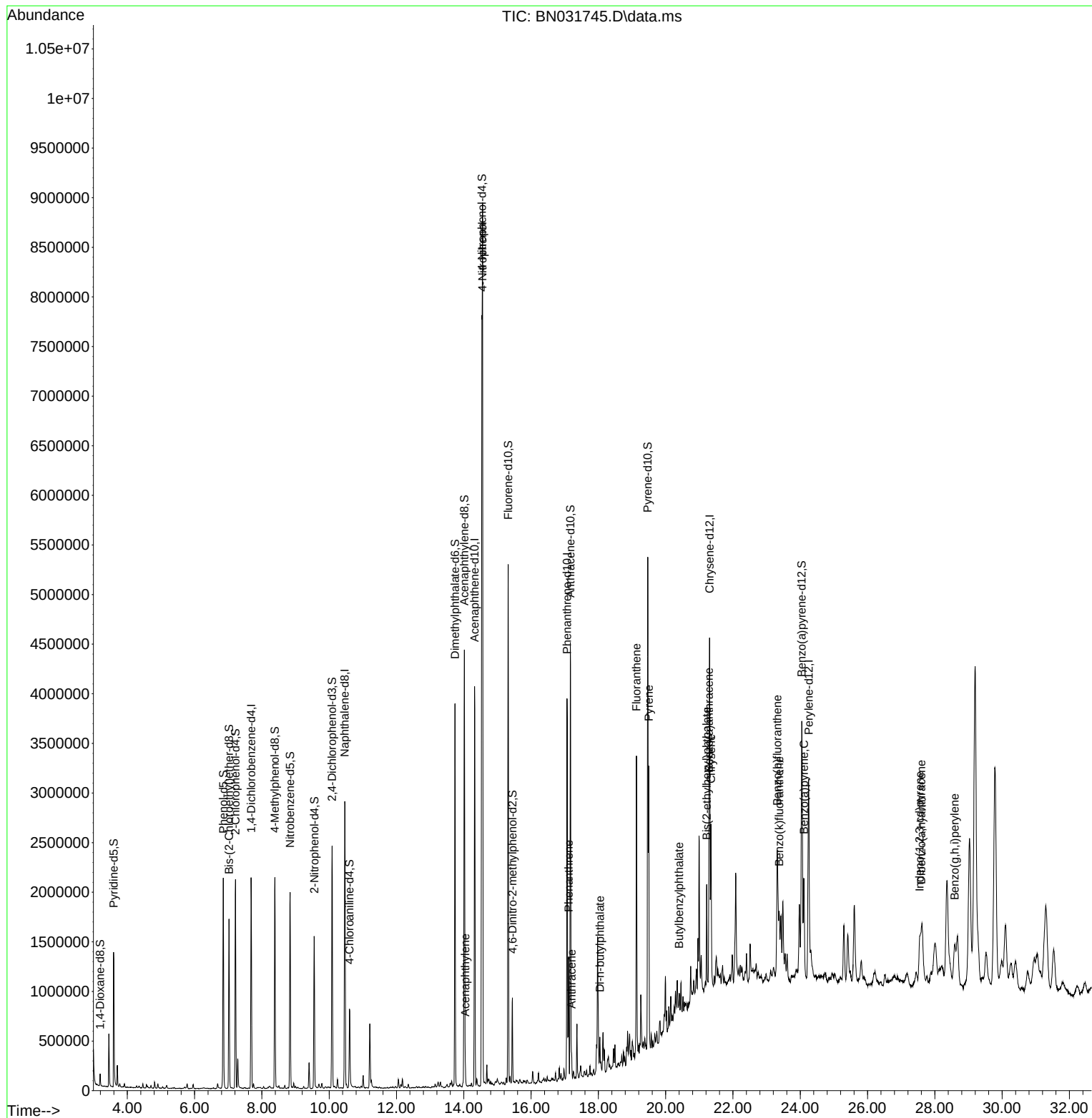
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	598538	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2520459	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1415148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2240058	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1552132	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1826374	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	64452	4.455	ng/uL	0.00
4) Pyridine-d5	3.593	84	779734	19.146	ng/u1	0.00
7) Phenol-d5	6.852	99	1296886	25.275	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	723817	24.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	1034064	26.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	851827	20.366	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	519524	26.958	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	555207	27.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	942406	25.358	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	484384	8.778	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2586046	26.231	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3034660	26.770	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	356505	18.061	ng/u1	0.01
60) Fluorene-d10	15.322	176	2085952	25.006	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	181486	16.118	ng/u1	0.00
73) Anthracene-d10	17.169	188	2501089	26.080	ng/u1	0.00
81) Pyrene-d10	19.469	212	2448731	29.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2336489	26.792	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	135015	1.054	ng/u1	99
55) 4-Nitrophenol	14.557	109	114528	7.821	ng/u1#	1
72) Phenanthrene	17.116	178	750616	6.578	ng/u1	99
74) Anthracene	17.204	178	159075	1.376	ng/u1	96
78) Di-n-butylphthalate	18.045	149	231423	1.706	ng/u1	99
80) Fluoranthene	19.133	202	1731065	17.439	ng/u1	100
82) Pyrene	19.498	202	1606231	15.772	ng/u1	99
83) Butylbenzylphthalate	20.404	149	53718	1.117	ng/u1	97
85) Benzo(a)anthracene	21.286	228	819688	7.890	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	441587	6.298	ng/u1	98
87) Chrysene	21.351	228	925353	9.536	ng/u1	94
90) Benzo(b)fluoranthene	23.315	252	1296092	11.873	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	471340	4.400	ng/u1	95
93) Benzo(a)pyrene	24.110	252	916621	8.965	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.551	276	714142	6.061	ng/u1	96
95) Dibenzo(a,h)anthracene	27.598	278	182144	1.894	ng/u1#	92
96) Benzo(g,h,i)perylene	28.586	276	390091	4.165	ng/u1	98

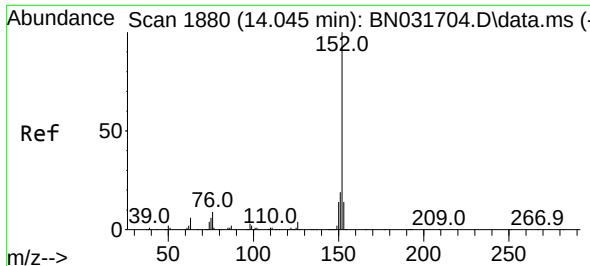
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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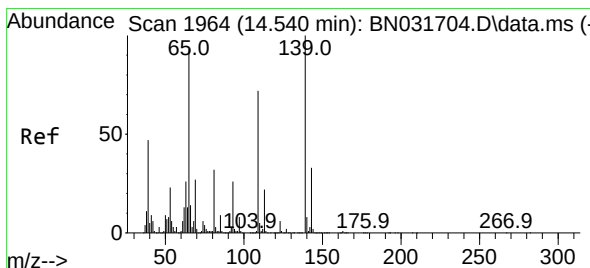
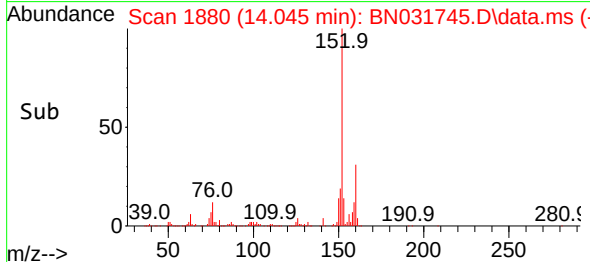
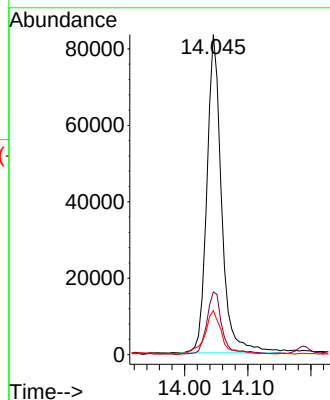
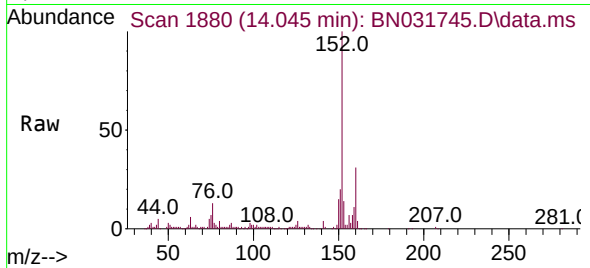




#50
Acenaphthylene
Concen: 1.054 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

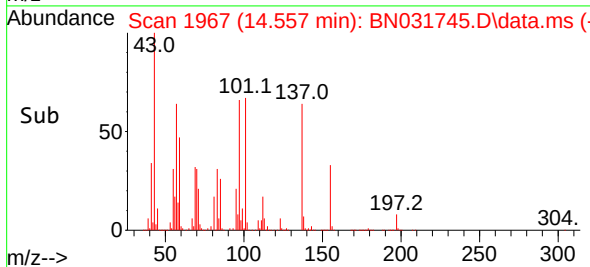
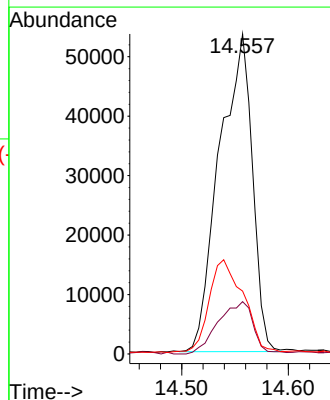
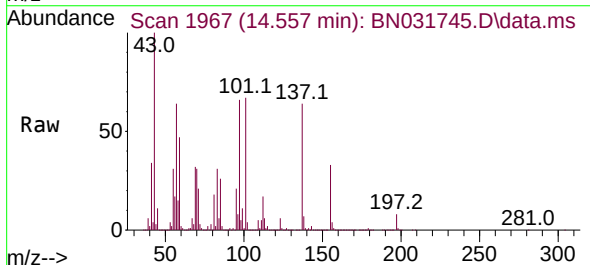
Instrument :
BNA_N
ClientSampleId :
BH623

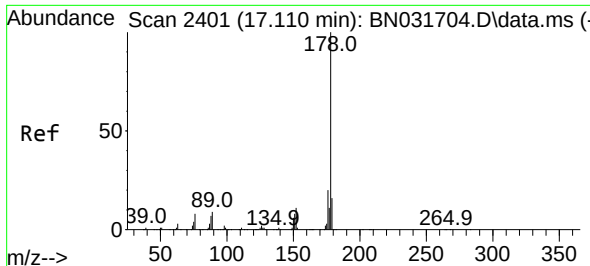
Tgt Ion:152 Resp: 135015
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.8 10.4 15.6



#55
4-Nitrophenol
Concen: 7.821 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. 0.017 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

Tgt Ion:109 Resp: 114528
Ion Ratio Lower Upper
109 100
139 16.4 113.4 170.2#
65 19.6 106.2 159.2#

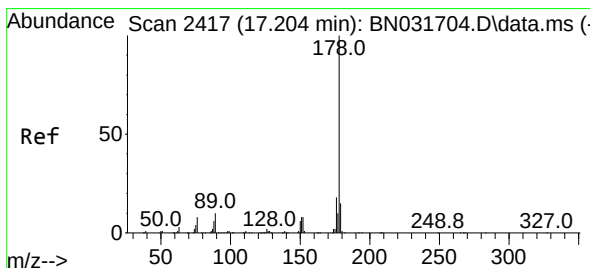
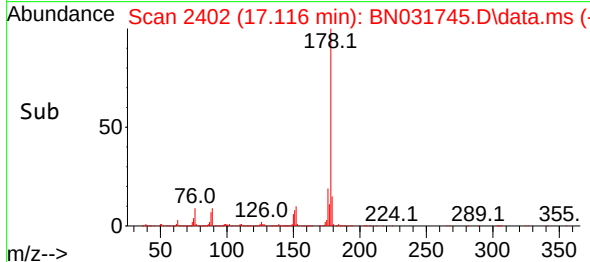
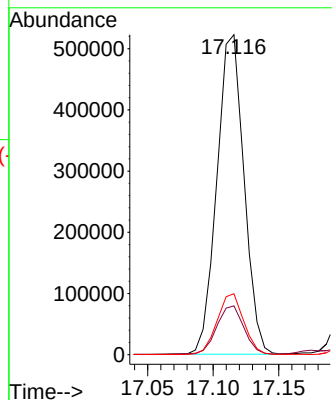
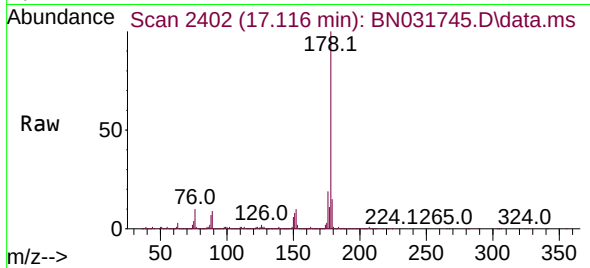




#72
Phenanthrene
Concen: 6.578 ng/ul
RT: 17.116 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

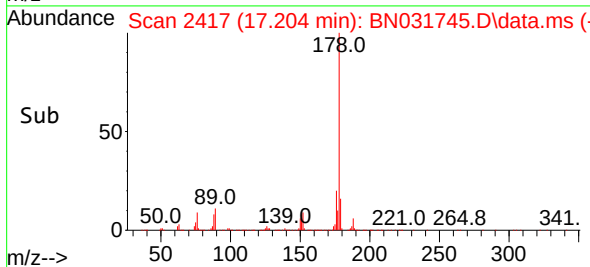
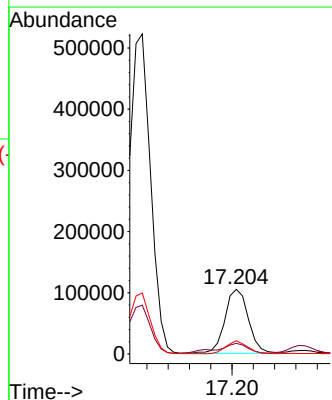
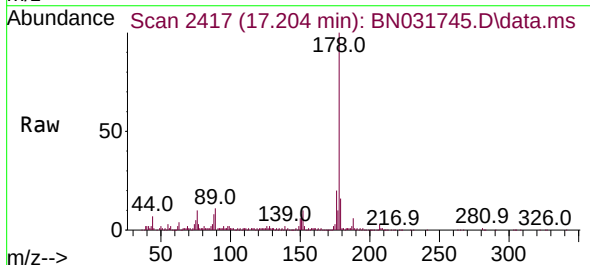
Instrument :
BNA_N
ClientSampleId :
BH623

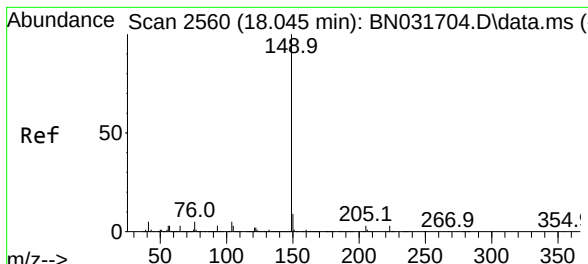
Tgt Ion:178 Resp: 750616
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.0 15.8 23.6



#74
Anthracene
Concen: 1.376 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

Tgt Ion:178 Resp: 159075
Ion Ratio Lower Upper
178 100
179 16.4 11.8 17.6
176 20.4 14.8 22.2

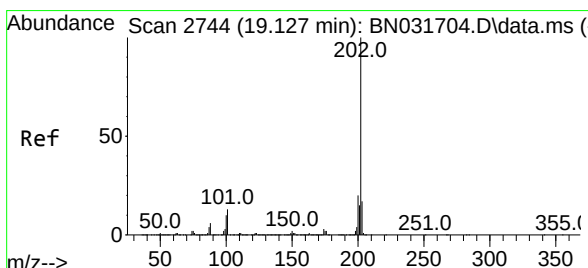
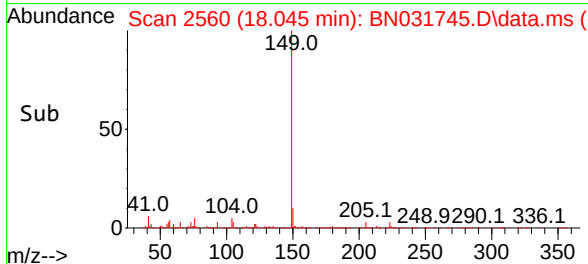
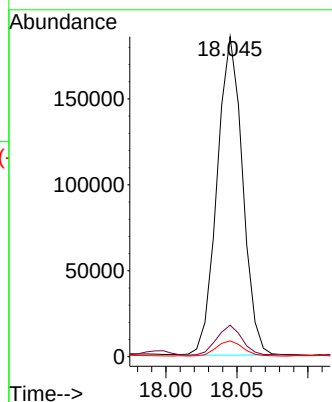
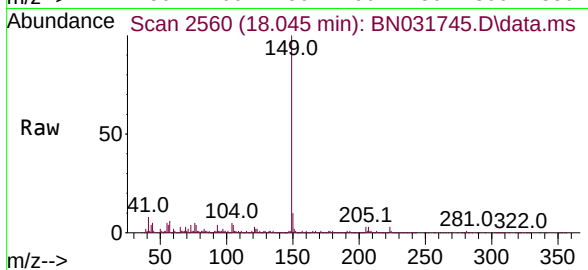




#78
 Di-n-butylphthalate
 Concen: 1.706 ng/ul
 RT: 18.045 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031745.D
 Acq: 31 May 2024 16:57

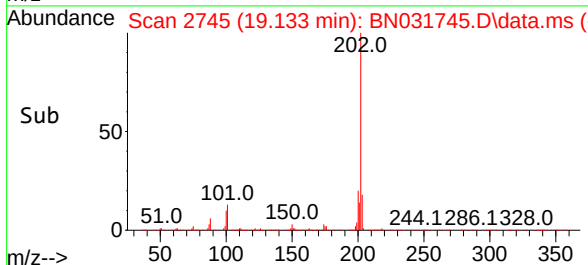
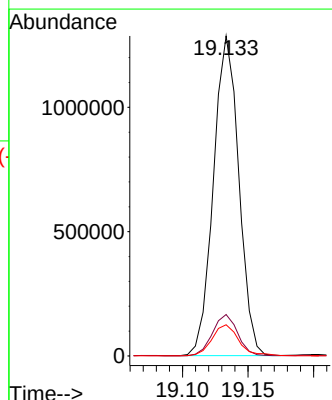
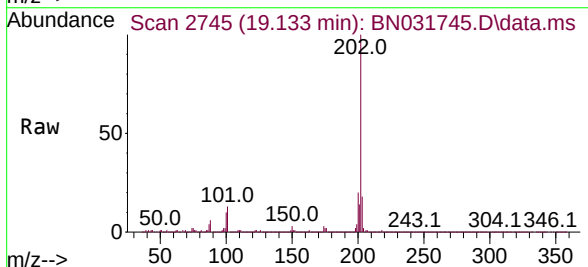
Instrument :
 BNA_N
 ClientSampleId :
 BH623

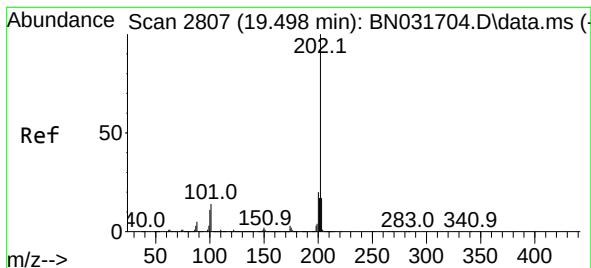
Tgt Ion:149 Resp: 231423
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.0
 104 5.0 4.1 6.1



#80
 Fluoranthene
 Concen: 17.439 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031745.D
 Acq: 31 May 2024 16:57

Tgt Ion:202 Resp: 1731065
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.3 15.5
 100 9.7 8.0 12.0





#82

Pyrene

Concen: 15.772 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

Instrument :

BNA_N

ClientSampleId :

BH623

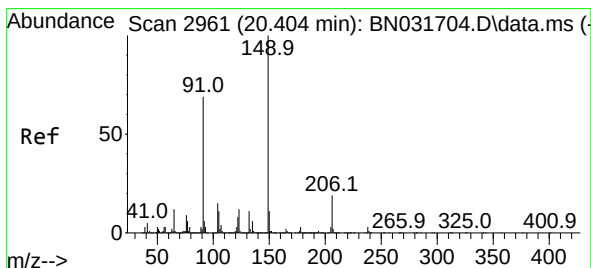
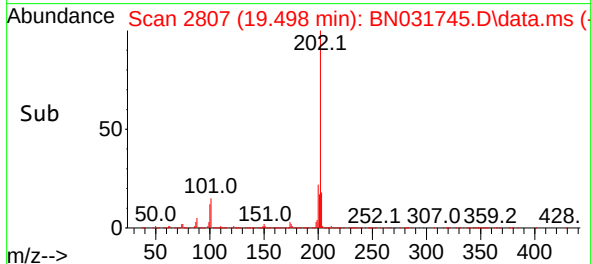
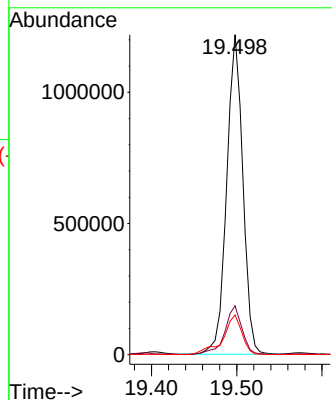
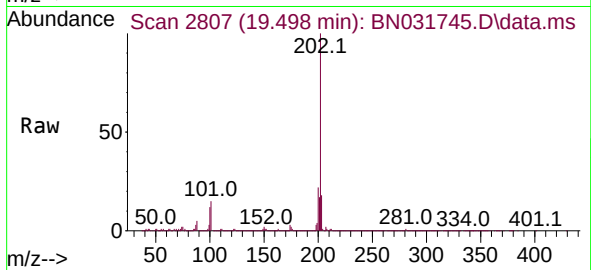
Tgt Ion:202 Resp: 1606231

Ion Ratio Lower Upper

202 100

101 15.2 12.6 18.8

100 12.4 10.2 15.2



#83

Butylbenzylphthalate

Concen: 1.117 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

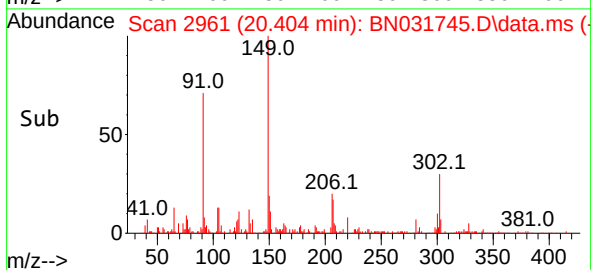
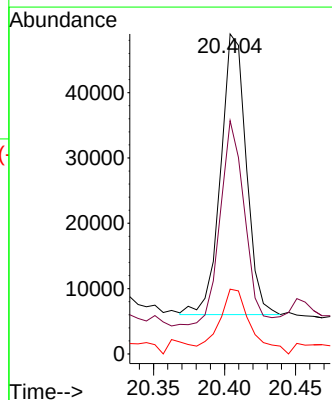
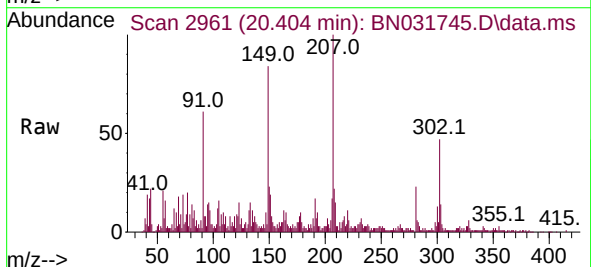
Tgt Ion:149 Resp: 53718

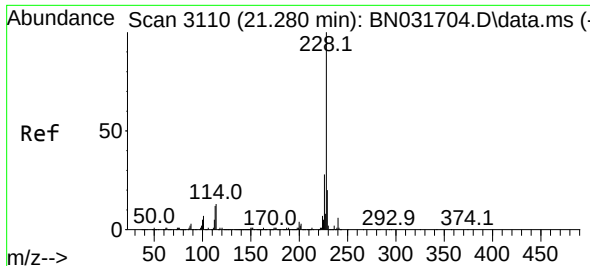
Ion Ratio Lower Upper

149 100

91 72.9 61.0 91.4

206 20.2 16.5 24.7

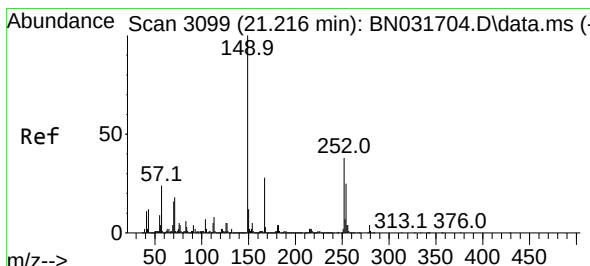
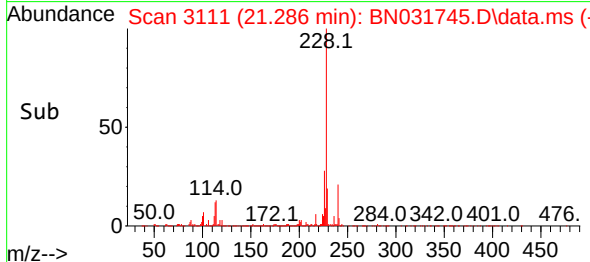
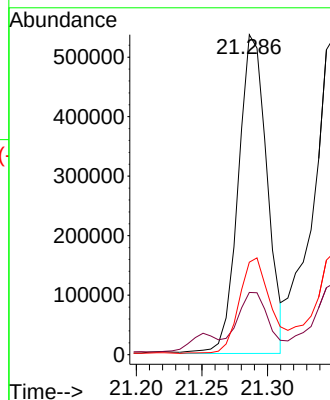
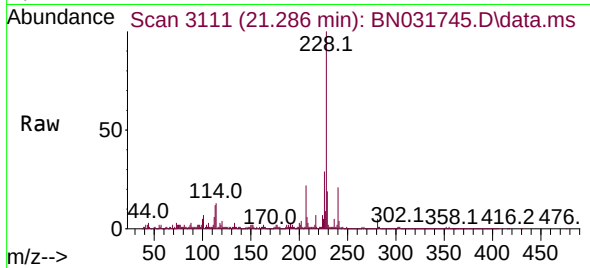




#85
Benzo(a)anthracene
Concen: 7.890 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

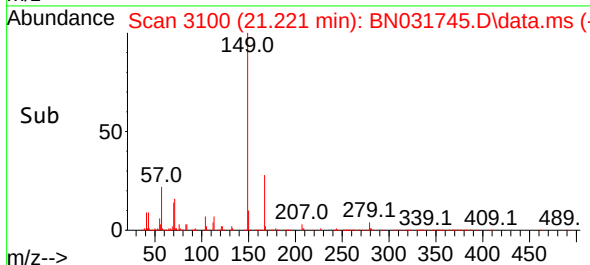
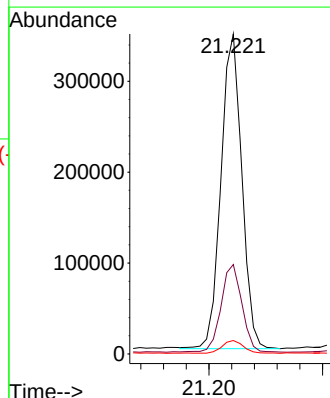
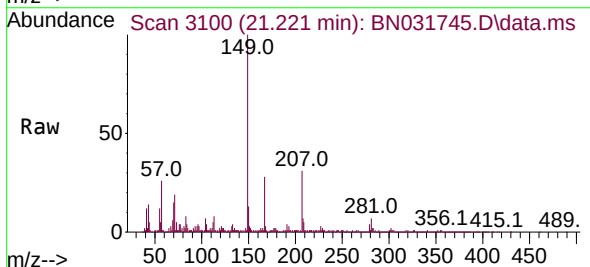
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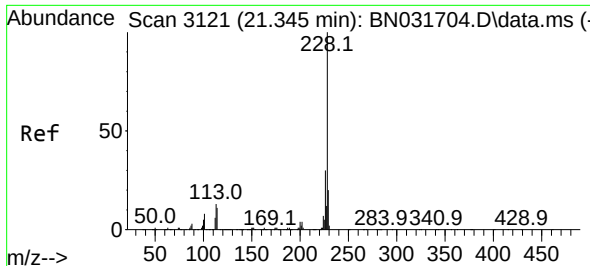
Tgt Ion:228 Resp: 819688
Ion Ratio Lower Upper
228 100
229 19.5 16.7 25.1
226 28.9 22.8 34.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.298 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

Tgt Ion:149 Resp: 441587
Ion Ratio Lower Upper
149 100
167 28.0 21.4 32.0
279 4.2 3.3 4.9





#87

Chrysene

Concen: 9.536 ng/u1

RT: 21.351 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

Instrument :

BNA_N

ClientSampleId :

BH623

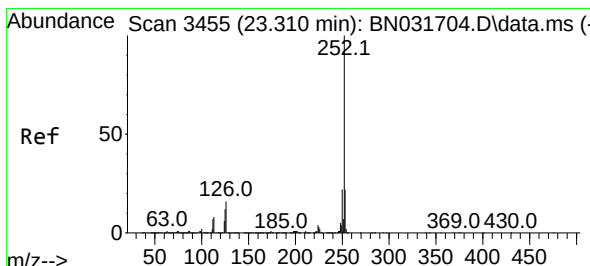
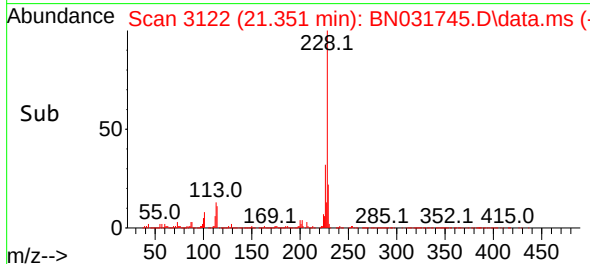
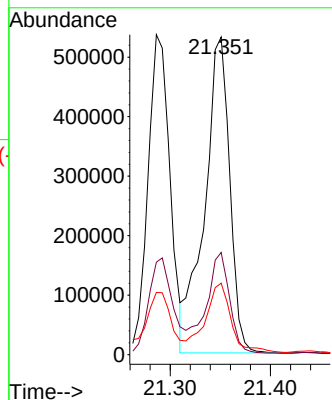
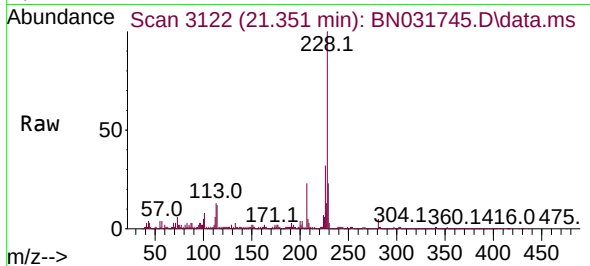
Tgt Ion:228 Resp: 925353

Ion Ratio Lower Upper

228 100

226 32.2 23.7 35.5

229 22.5 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 11.873 ng/u1

RT: 23.315 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

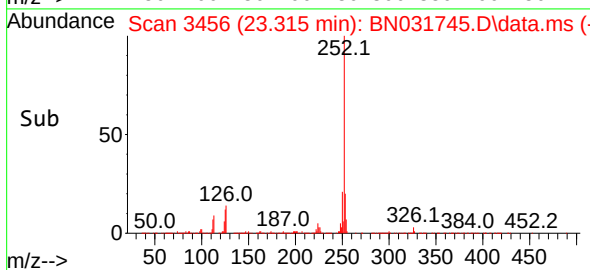
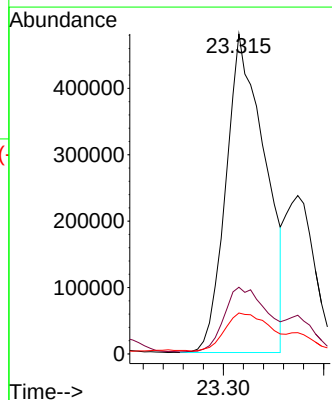
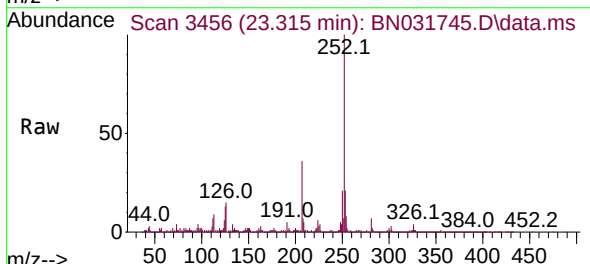
Tgt Ion:252 Resp: 1296092

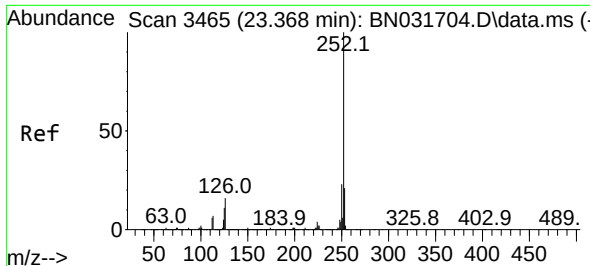
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 12.8 9.2 13.8

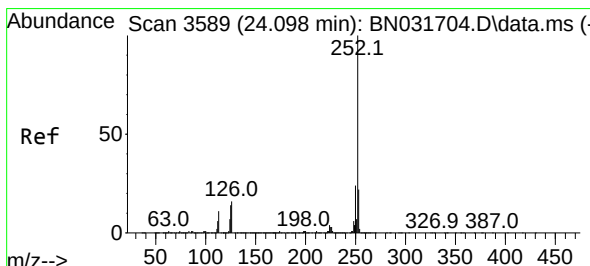
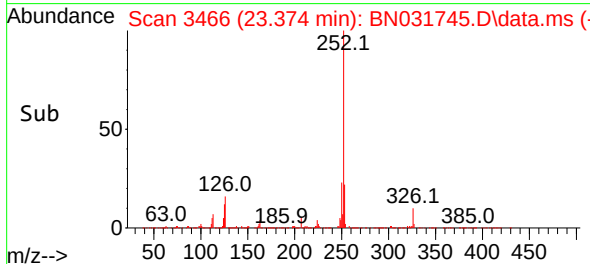
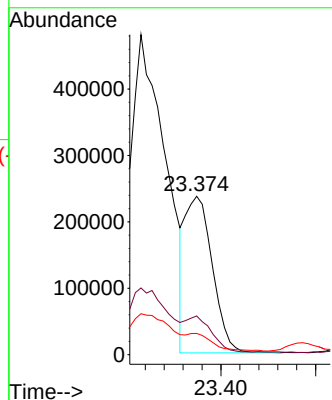
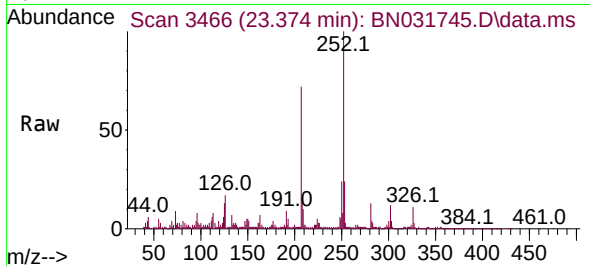




#91
Benzo(k)fluoranthene
Concen: 4.400 ng/u1
RT: 23.374 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

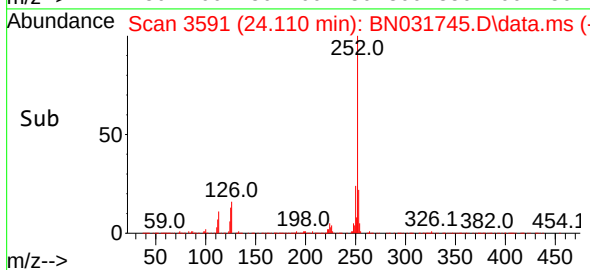
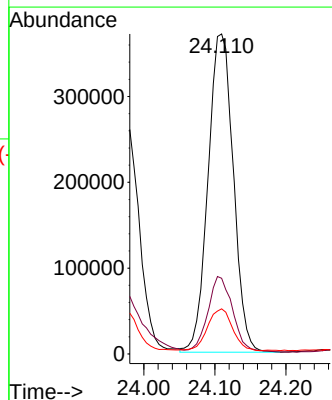
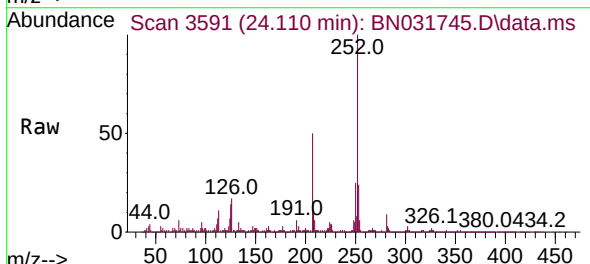
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ClientSampleId :
BH623

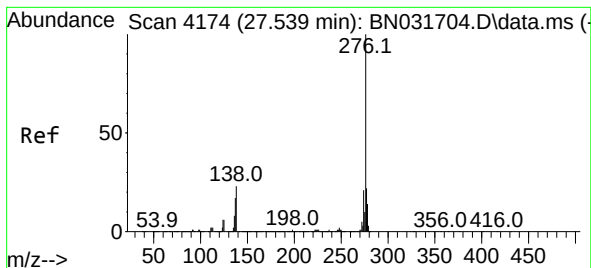
Tgt Ion:252 Resp: 471340
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 13.4 9.4 14.2



#93
Benzo(a)pyrene
Concen: 8.965 ng/u1
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031745.D
Acq: 31 May 2024 16:57

Tgt Ion:252 Resp: 916621
Ion Ratio Lower Upper
252 100
253 23.7 16.6 24.8
125 14.1 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.061 ng/ul

RT: 27.551 min Scan# 4175

Delta R.T. 0.017 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

Instrument :

BNA_N

ClientSampleId :

BH623

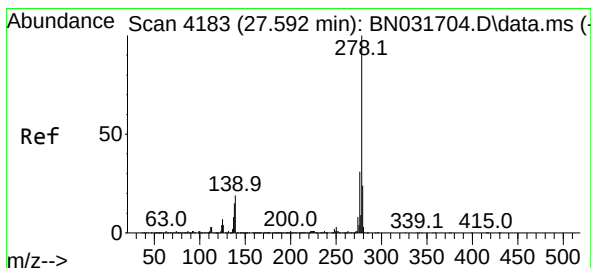
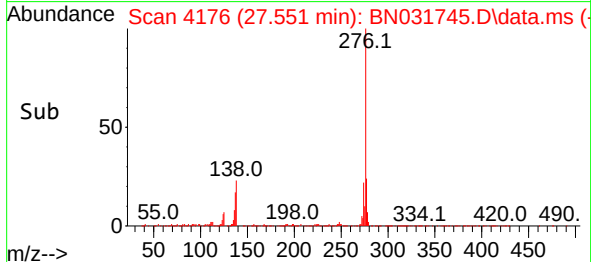
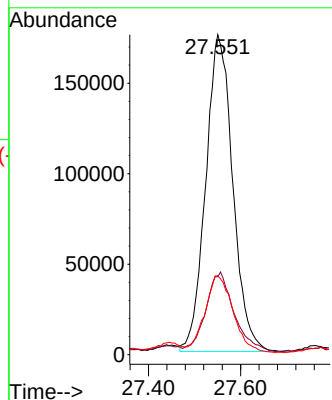
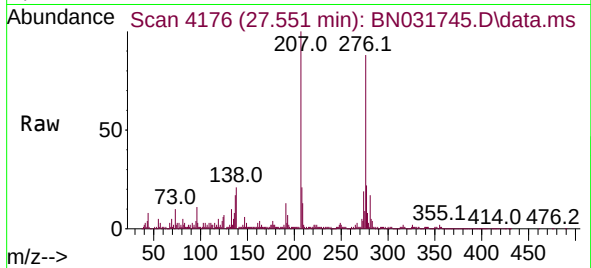
Tgt Ion:276 Resp: 714142

Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

277 24.6 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.894 ng/ul

RT: 27.598 min Scan# 4184

Delta R.T. -0.006 min

Lab File: BN031745.D

Acq: 31 May 2024 16:57

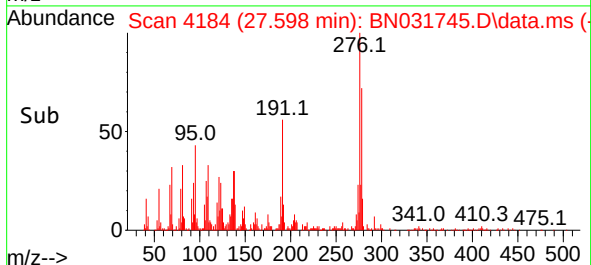
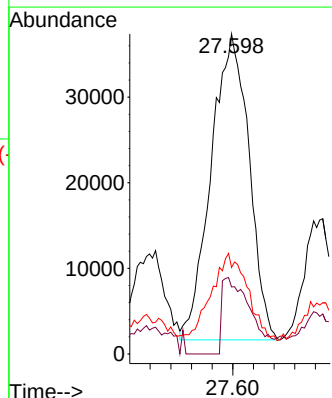
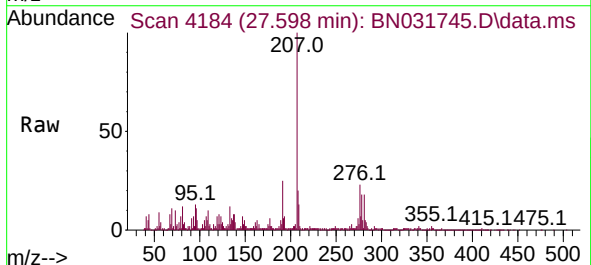
Tgt Ion:278 Resp: 182144

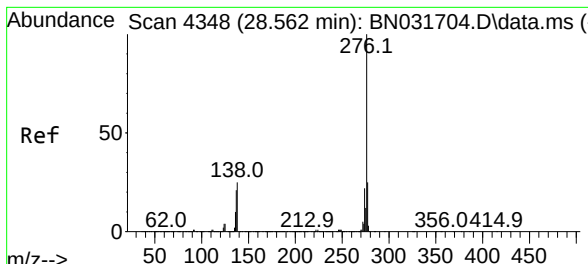
Ion Ratio Lower Upper

278 100

139 21.0 15.0 22.6

279 27.1 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 4.165 ng/ul
 RT: 28.586 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: BN031745.D
 Acq: 31 May 2024 16:57

Instrument :
 BNA_N
 ClientSampleId :
 BH623

Tgt Ion:276 Resp: 390091

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.9	31.3
277	22.9	18.0	27.0

