

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031746.D
 Acq On : 31 May 2024 17:37
 Operator : MA/JU
 Sample : P2549-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH624

Quant Time: Jun 01 00:13:27 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)

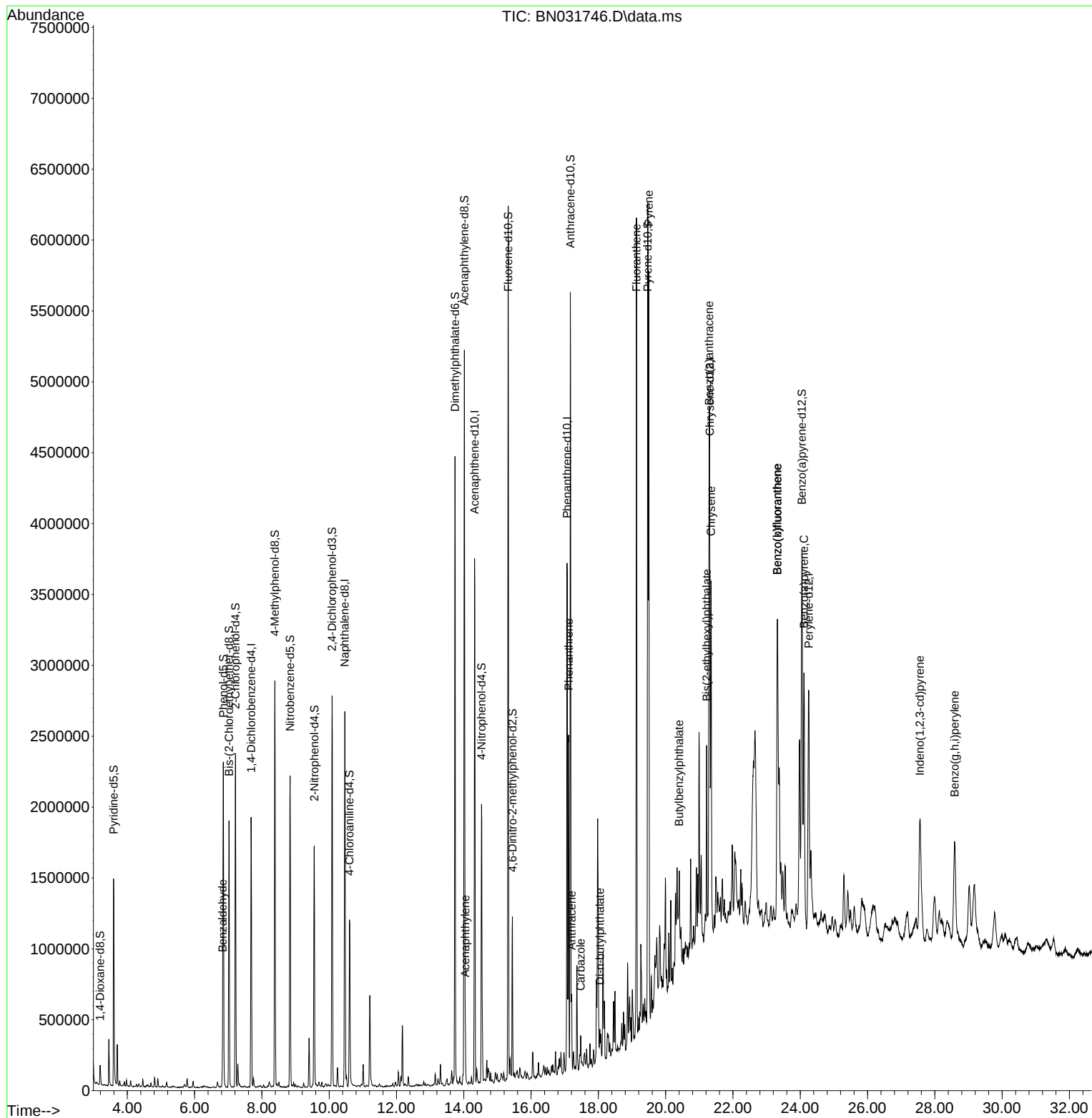
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	536736	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2298428	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1312092	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2185484	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1310629	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1539559	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	69663	5.369	ng/uL	0.00
4) Pyridine-d5	3.593	84	833756	22.829	ng/u1	0.00
7) Phenol-d5	6.852	99	1425524	30.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	790370	29.366	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	1130621	32.203	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	1114819	29.722	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	580849	33.052	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	620834	34.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	1068112	31.517	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	721123	14.331	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2978944	32.589	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3473495	33.048	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	465364	25.427	ng/u1	0.00
60) Fluorene-d10	15.322	176	2419119	31.278	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	241286	21.964	ng/u1	0.00
73) Anthracene-d10	17.169	188	3060208	32.706	ng/u1	0.00
81) Pyrene-d10	19.469	212	2694513	38.419	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2477775	33.705	ng/u1	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.834	77	73518	3.406	ng/u1	98
50) Acenaphthylene	14.045	152	259275	2.183	ng/u1	99
72) Phenanthrene	17.116	178	1454944	13.069	ng/u1	99
74) Anthracene	17.204	178	324570	2.877	ng/u1	98
77) Carbazole	17.475	167	137725	1.432	ng/u1	99
78) Di-n-butylphthalate	18.045	149	134709	1.018	ng/u1	99
80) Fluoranthene	19.133	202	3298427	39.352	ng/u1	99
82) Pyrene	19.498	202	3000160	34.887	ng/u1	99
83) Butylbenzylphthalate	20.404	149	148861	3.665	ng/u1	98
85) Benzo(a)anthracene	21.292	228	1483786	16.914	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	563251	9.513	ng/u1	96
87) Chrysene	21.351	228	1662906	20.294	ng/u1	95
90) Benzo(b)fluoranthene	23.321	252	2273359	24.704	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	2273359	25.176	ng/u1	99
93) Benzo(a)pyrene	24.110	252	1665535	19.324	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.556	276	1288760	12.976	ng/u1	97
96) Benzo(g,h,i)perylene	28.586	276	1195900	15.148	ng/u1	98

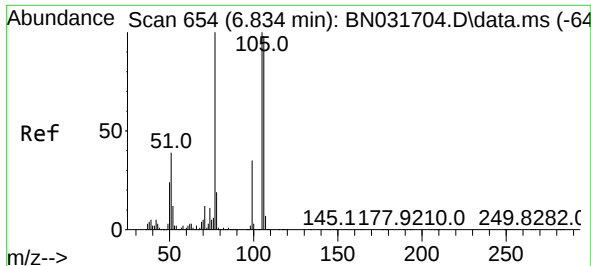
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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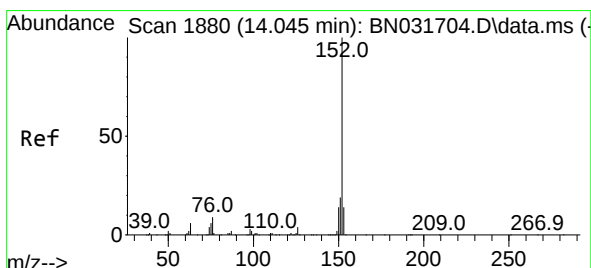
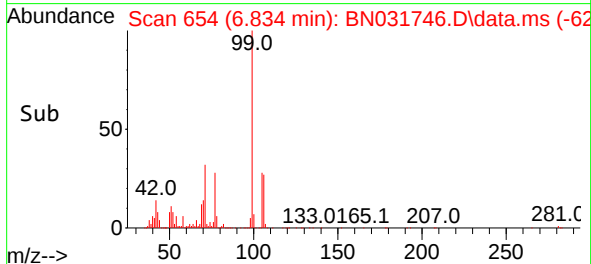
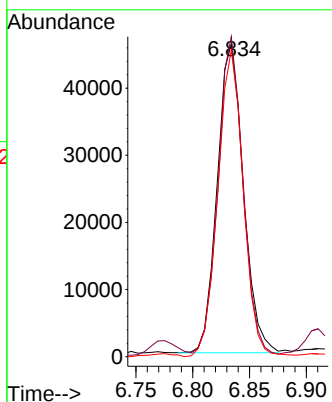
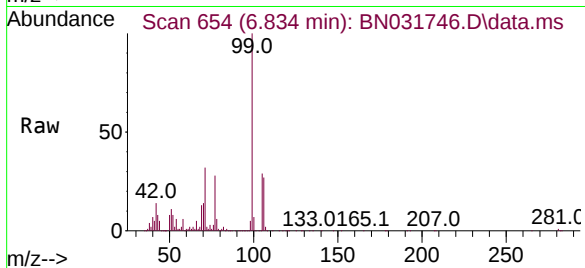




#6
Benzaldehyde
Concen: 3.406 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

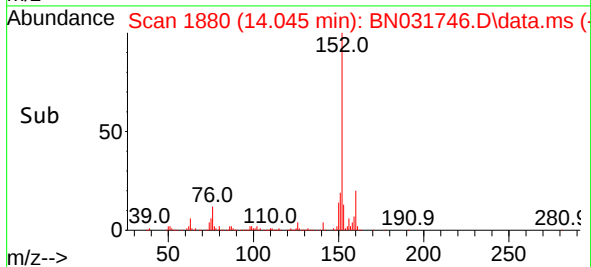
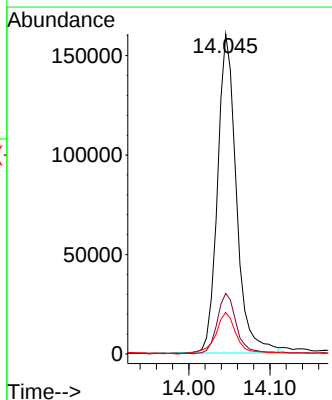
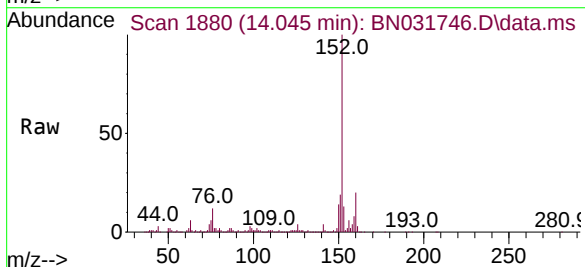
Instrument :
BNA_N
ClientSampleId :
BH624

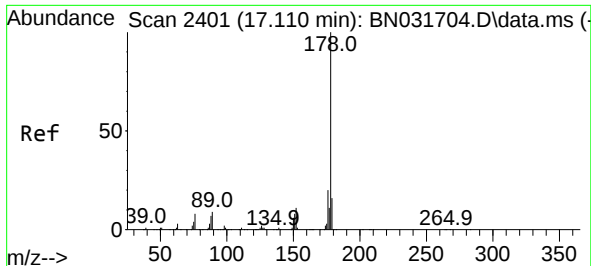
Tgt Ion: 77 Resp: 73518
Ion Ratio Lower Upper
77 100
105 102.3 80.2 120.4
106 98.1 76.8 115.2



#50
Acenaphthylene
Concen: 2.183 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

Tgt Ion:152 Resp: 259275
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 12.9 10.4 15.6

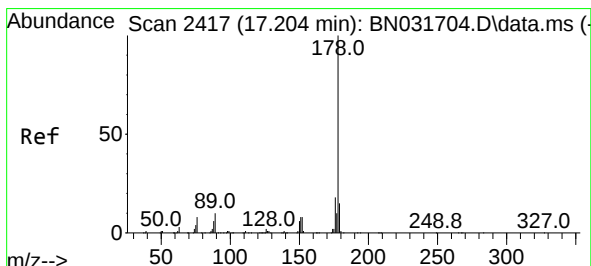
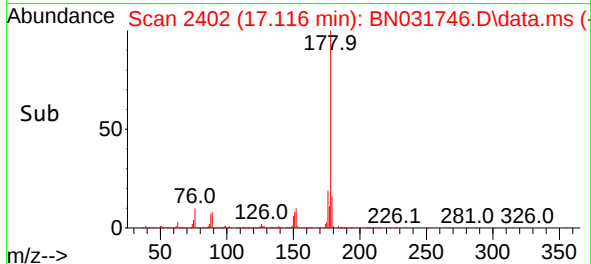
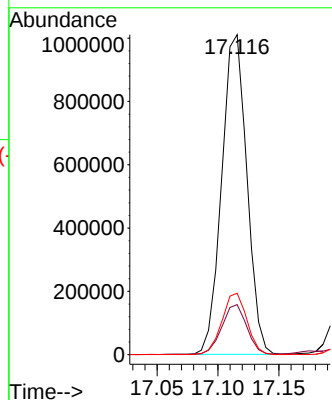
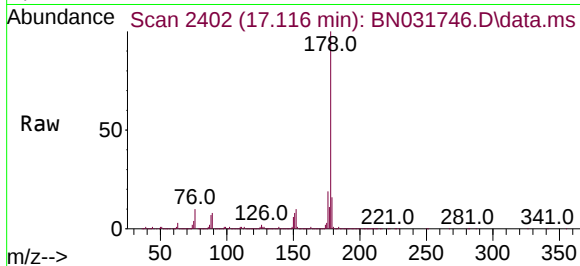




#72
Phenanthrene
Concen: 13.069 ng/ul
RT: 17.116 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

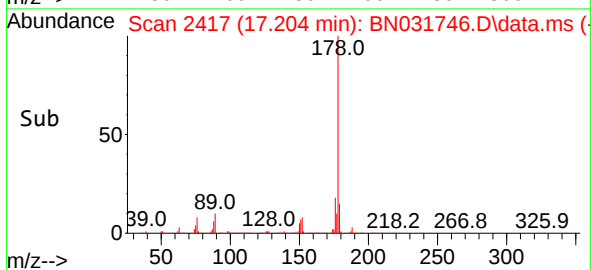
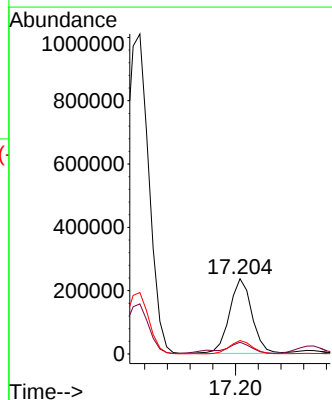
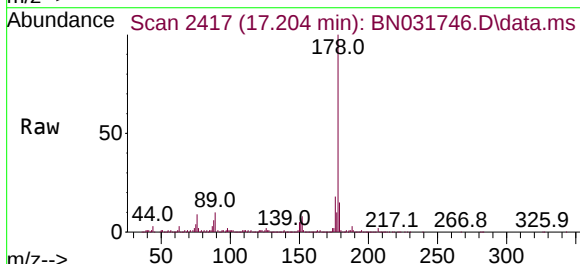
Instrument :
BNA_N
ClientSampleId :
BH624

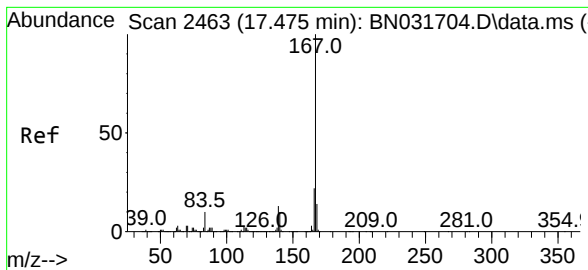
Tgt Ion:178 Resp: 1454944
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.2 15.8 23.6



#74
Anthracene
Concen: 2.877 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

Tgt Ion:178 Resp: 324570
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 17.8 14.8 22.2





#77

Carbazole

Concen: 1.432 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031746.D

Acq: 31 May 2024 17:37

Instrument :

BNA_N

ClientSampleId :

BH624

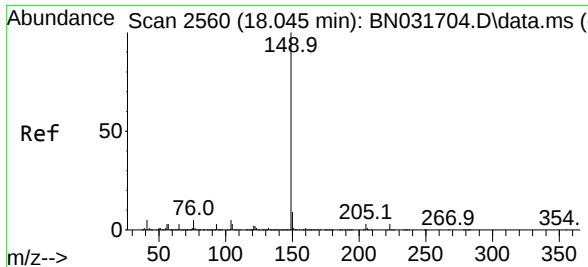
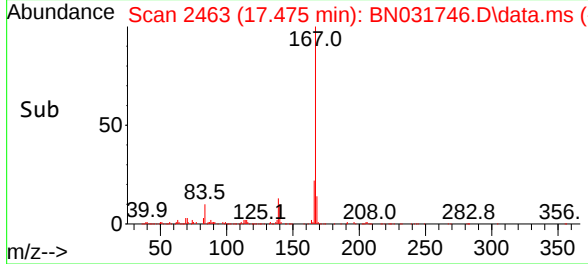
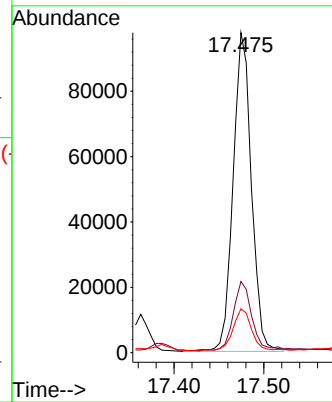
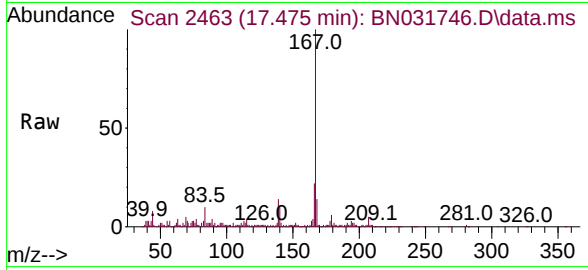
Tgt Ion:167 Resp: 137725

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

139 13.7 10.5 15.7



#78

Di-n-butylphthalate

Concen: 1.018 ng/ul

RT: 18.045 min Scan# 2560

Delta R.T. -0.000 min

Lab File: BN031746.D

Acq: 31 May 2024 17:37

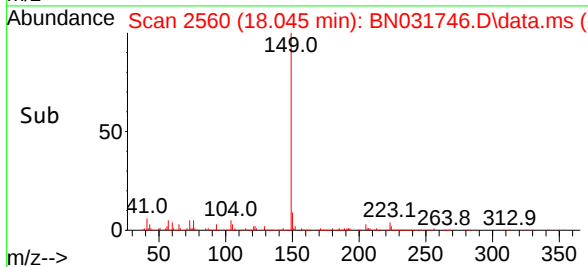
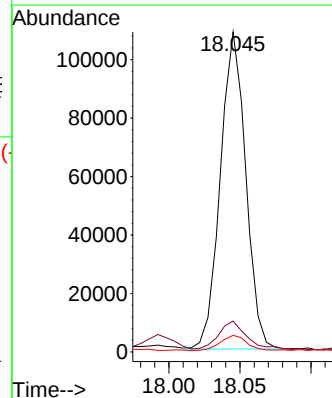
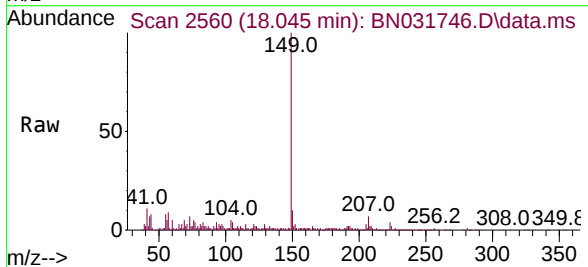
Tgt Ion:149 Resp: 134709

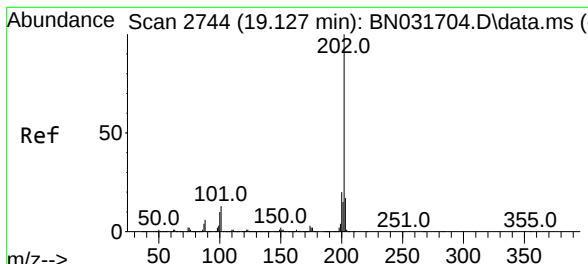
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 5.2 4.1 6.1

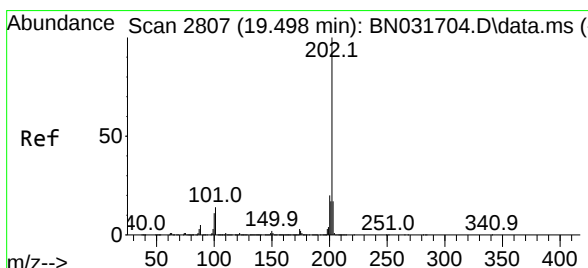
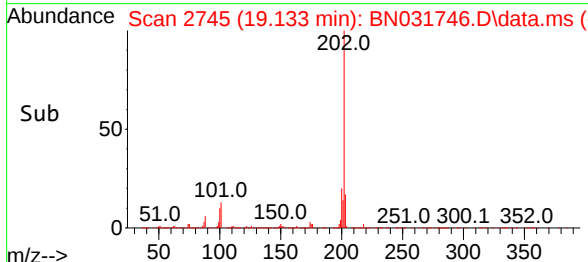
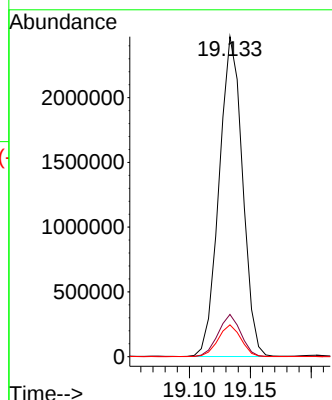
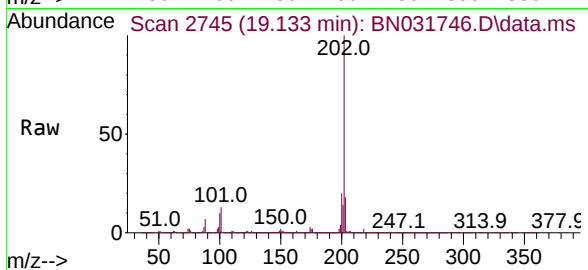




#80
 Fluoranthene
 Concen: 39.352 ng/u1
 RT: 19.133 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031746.D
 Acq: 31 May 2024 17:37

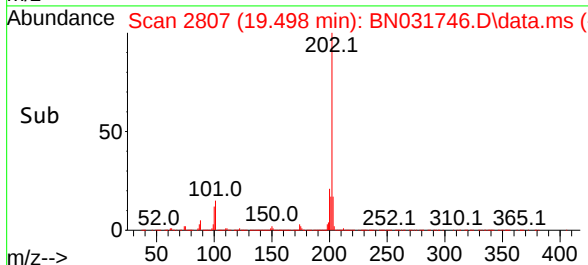
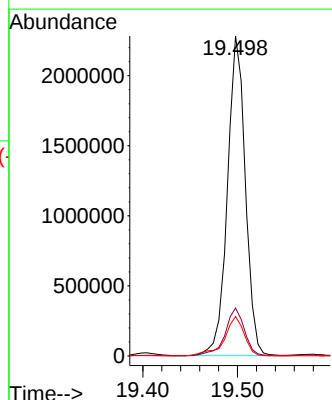
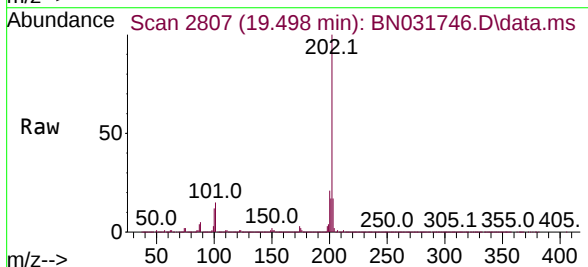
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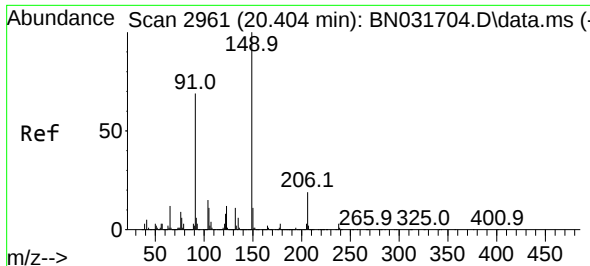
Tgt Ion:202 Resp: 3298427
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.3 15.5
 100 9.9 8.0 12.0



#82
 Pyrene
 Concen: 34.887 ng/u1
 RT: 19.498 min Scan# 2807
 Delta R.T. 0.006 min
 Lab File: BN031746.D
 Acq: 31 May 2024 17:37

Tgt Ion:202 Resp: 3000160
 Ion Ratio Lower Upper
 202 100
 101 15.0 12.6 18.8
 100 12.3 10.2 15.2

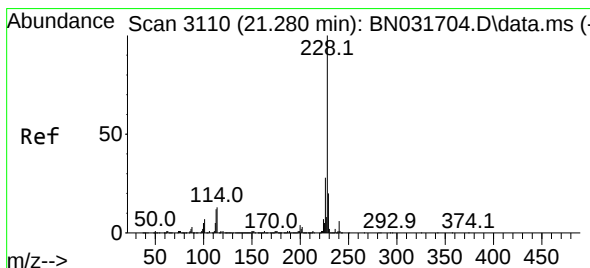
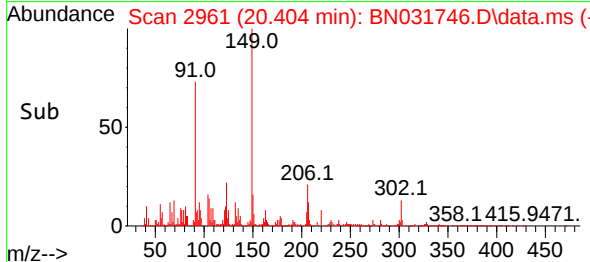
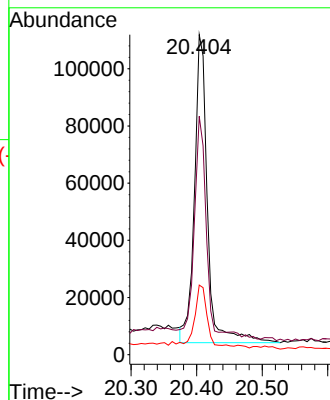
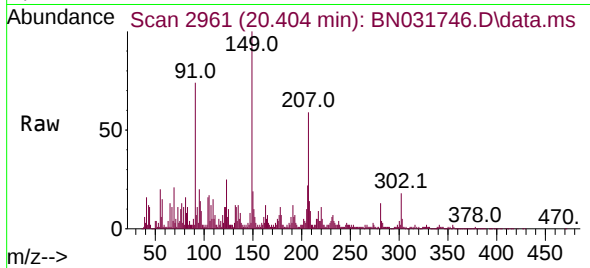




#83
Butylbenzylphthalate
Concen: 3.665 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

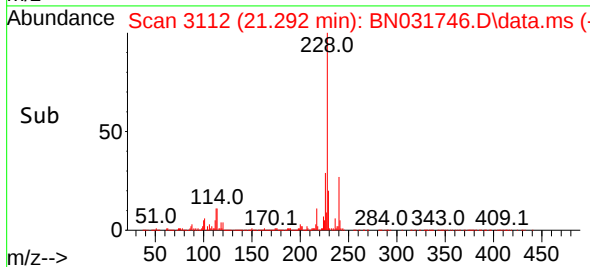
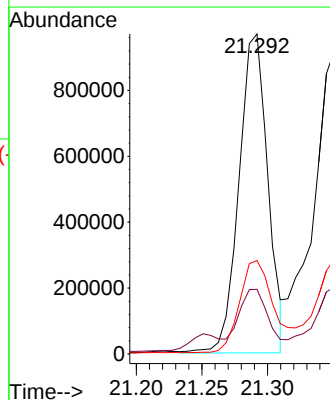
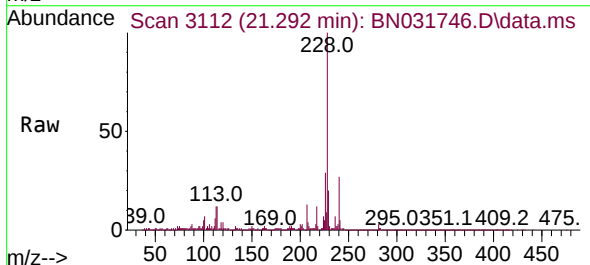
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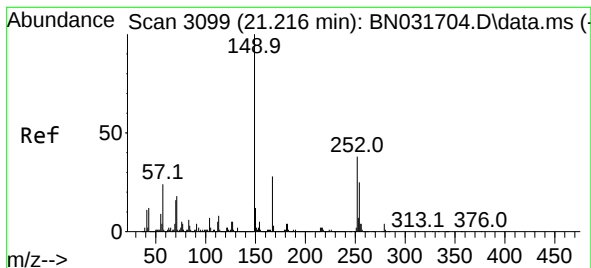
Tgt Ion:149 Resp: 148861
Ion Ratio Lower Upper
149 100
91 74.5 61.0 91.4
206 21.7 16.5 24.7



#85
Benzo(a)anthracene
Concen: 16.914 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

Tgt Ion:228 Resp: 1483786
Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 29.2 22.8 34.2

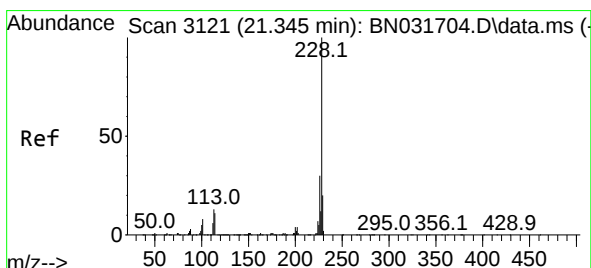
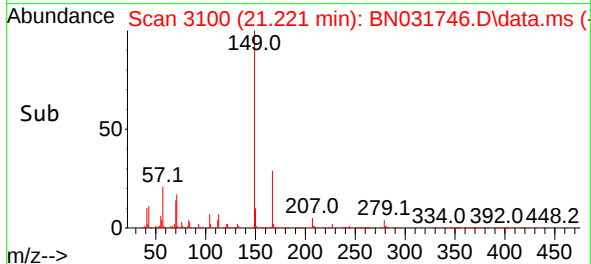
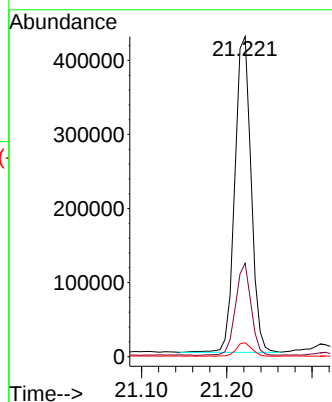
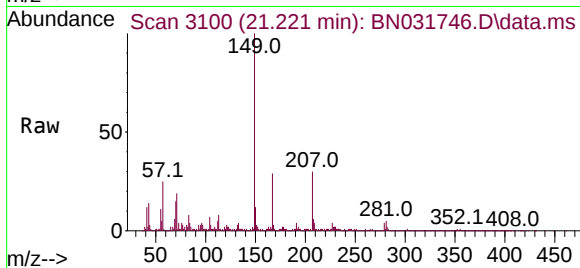




#86
Bis(2-ethylhexyl)phthalate
Concen: 9.513 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

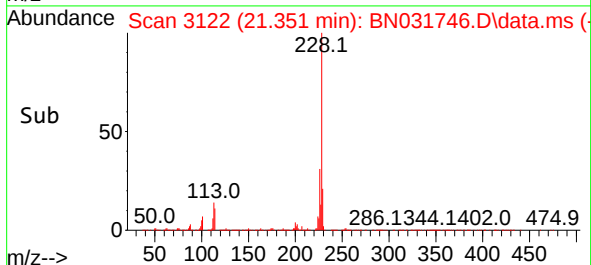
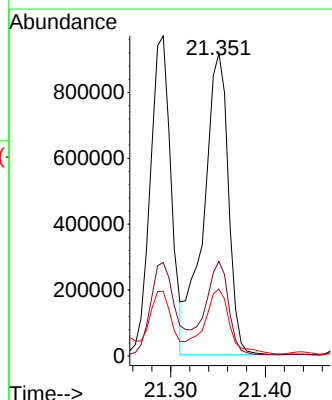
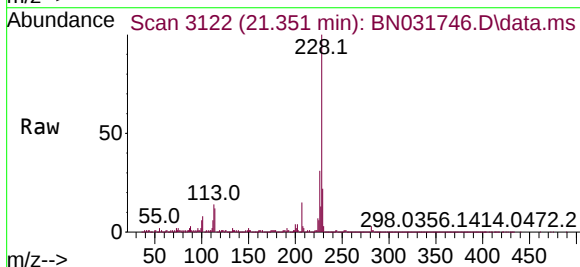
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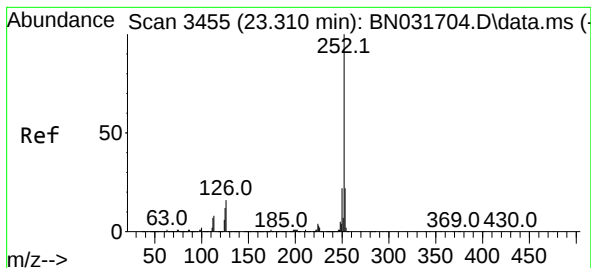
Tgt Ion:149 Resp: 563251
Ion Ratio Lower Upper
149 100
167 29.2 21.4 32.0
279 4.4 3.3 4.9



#87
Chrysene
Concen: 20.294 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031746.D
Acq: 31 May 2024 17:37

Tgt Ion:228 Resp: 1662906
Ion Ratio Lower Upper
228 100
226 31.2 23.7 35.5
229 22.1 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 24.704 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031746.D

Acq: 31 May 2024 17:37

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BNA_N

ClientSampleId :

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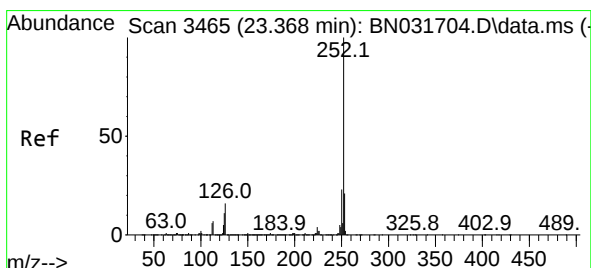
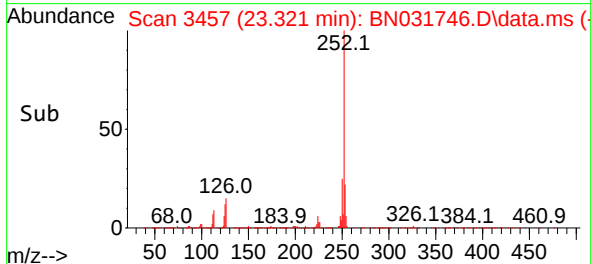
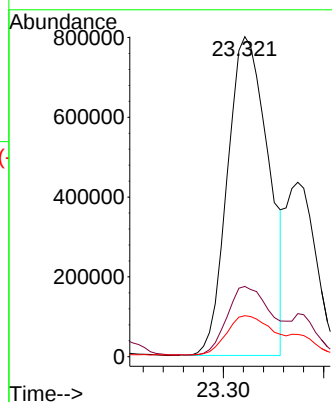
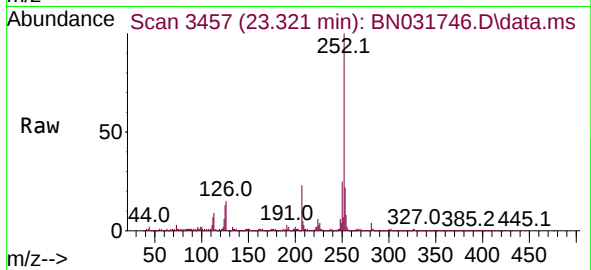
Tgt Ion:252 Resp: 2273359

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 12.8 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 25.176 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. -0.053 min

Lab File: BN031746.D

Acq: 31 May 2024 17:37

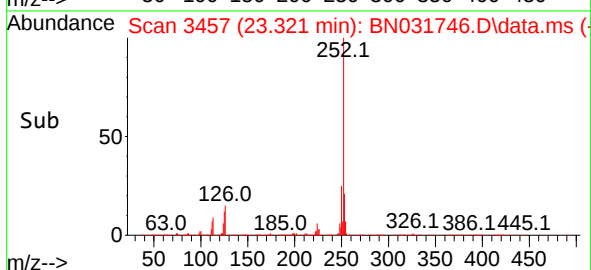
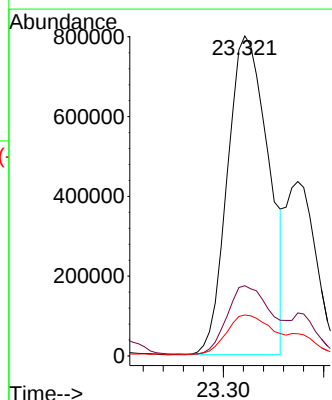
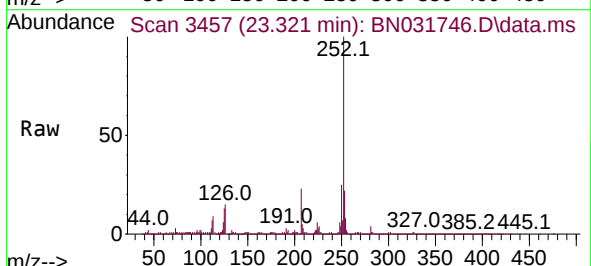
Tgt Ion:252 Resp: 2273359

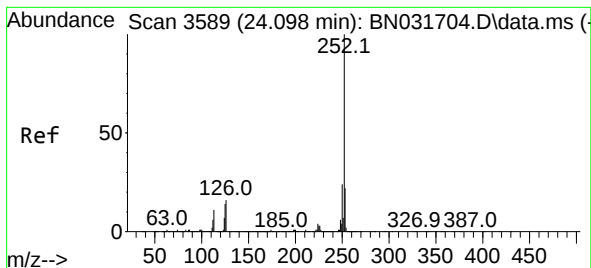
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.8 9.4 14.2





#93

Benzo(a)pyrene

Concen: 19.324 ng/ul

RT: 24.110 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN031746.D

Acq: 31 May 2024 17:37

Instrument :

BNA_N

ClientSampleId :

BH624

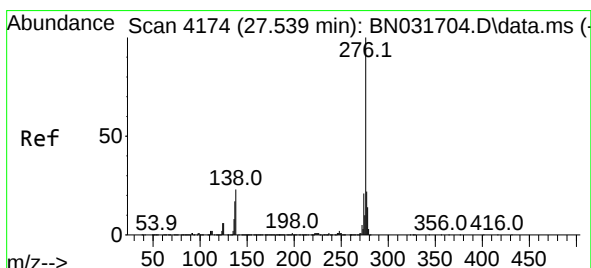
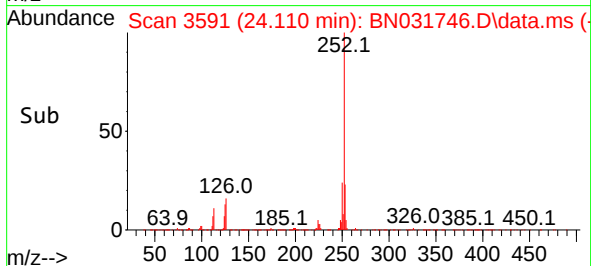
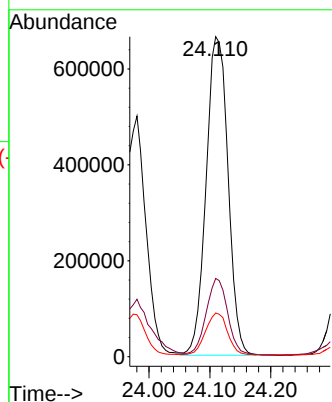
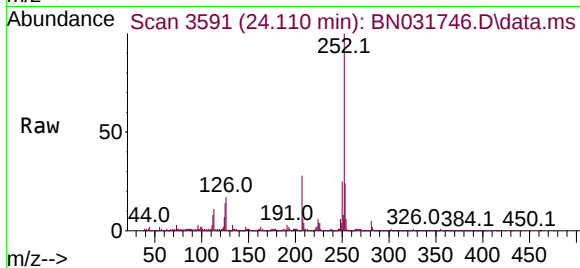
Tgt Ion:252 Resp: 1665535

Ion Ratio Lower Upper

252 100

253 24.5 16.6 24.8

125 13.7 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.976 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031746.D

Acq: 31 May 2024 17:37

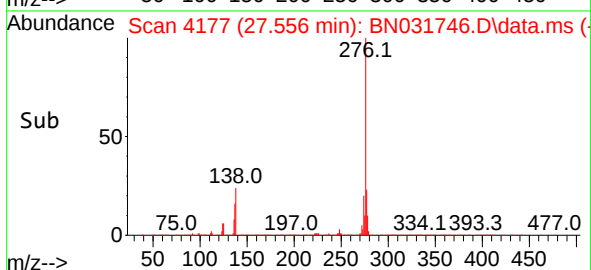
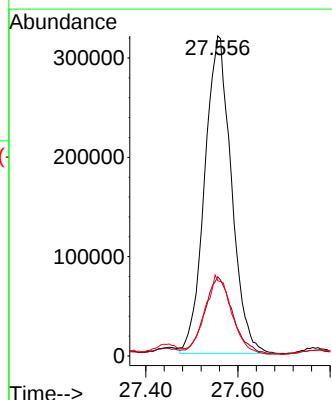
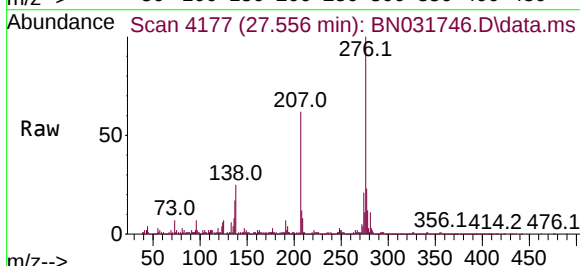
Tgt Ion:276 Resp: 1288760

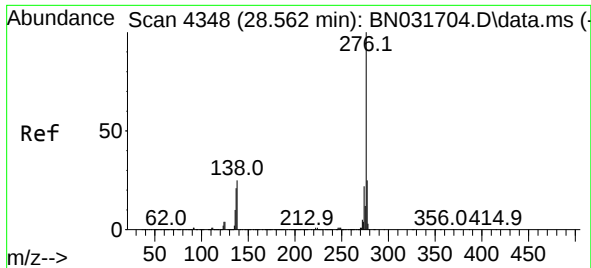
Ion Ratio Lower Upper

276 100

138 24.8 18.1 27.1

277 23.5 18.2 27.2





#96
 Benzo(g,h,i)perylene
 Concen: 15.148 ng/ul
 RT: 28.586 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: BN031746.D
 Acq: 31 May 2024 17:37

Instrument :
 BNA_N
 ClientSampleId :
 BH624

Tgt Ion:276 Resp: 1195900

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.9	31.3
277	23.7	18.0	27.0

