

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031741.D
 Acq On : 31 May 2024 14:20
 Operator : MA/JU
 Sample : P2549-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH618

Quant Time: Jun 01 00:11:57 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)

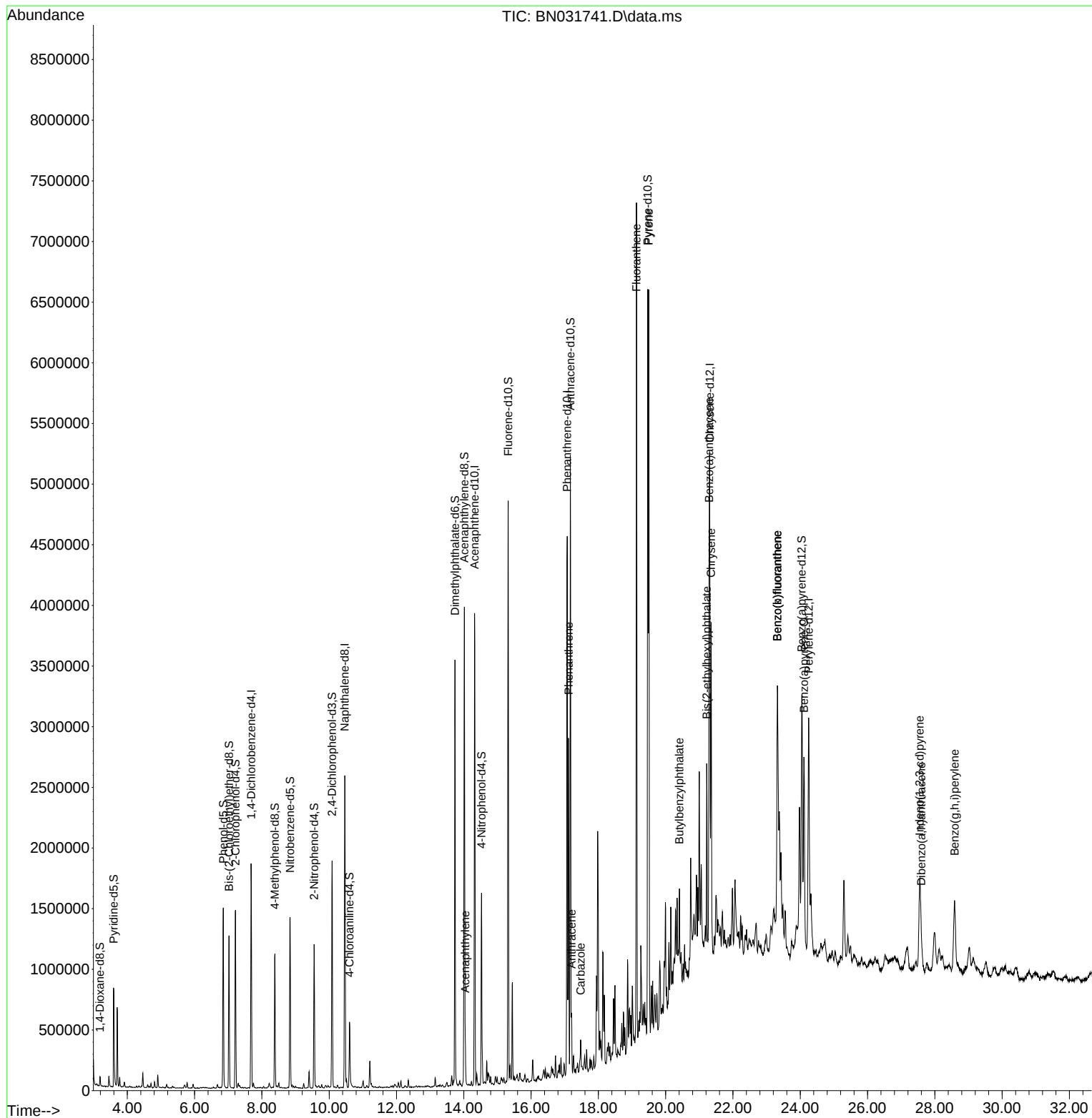
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	520944	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2210930	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1380179	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2680939	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1527437	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1697592	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	43347	3.442	ng/uL	0.00
4) Pyridine-d5	3.593	84	463266	13.069	ng/u1	0.00
7) Phenol-d5	6.852	99	914937	20.487	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	523961	20.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	741386	21.757	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	439971	12.086	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	385176	22.785	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	416426	23.847	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	713461	21.885	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	350020	7.231	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2312475	24.050	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2643423	23.909	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	369382	19.187	ng/u1	0.00
60) Fluorene-d10	15.322	176	1949725	23.965	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	2940	0.218	ng/u1	-0.05
73) Anthracene-d10	17.169	188	2804360	24.433	ng/u1	0.00
81) Pyrene-d10	19.469	212	2785845	34.083	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1985844	24.498	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	245685	1.966	ng/u1	98
72) Phenanthrene	17.116	178	1705234	12.486	ng/u1	99
74) Anthracene	17.204	178	304855	2.203	ng/u1	99
77) Carbazole	17.475	167	157621	1.336	ng/u1	97
80) Fluoranthene	19.133	202	3941719	40.352	ng/u1	99
82) Pyrene	19.498	202	3642590	36.345	ng/u1	99
83) Butylbenzylphthalate	20.410	149	172297	3.640	ng/u1	90
85) Benzo(a)anthracene	21.292	228	1573048	15.386	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	642435	9.310	ng/u1	98
87) Chrysene	21.351	228	1737362	18.193	ng/u1	98
90) Benzo(b)fluoranthene	23.321	252	2185217	21.536	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	2185217	21.947	ng/u1	99
93) Benzo(a)pyrene	24.109	252	1514782	15.939	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.550	276	1172455	10.706	ng/u1	99
95) Dibenzo(a,h)anthracene	27.598	278	289193	3.235	ng/u1#	90
96) Benzo(g,h,i)perylene	28.586	276	962932	11.061	ng/u1	99

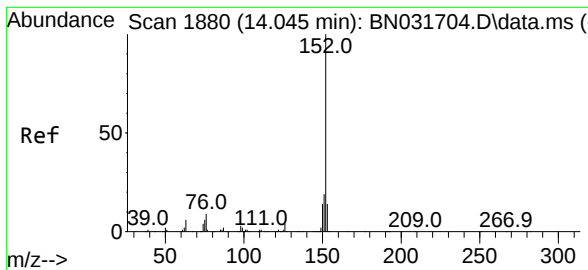
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
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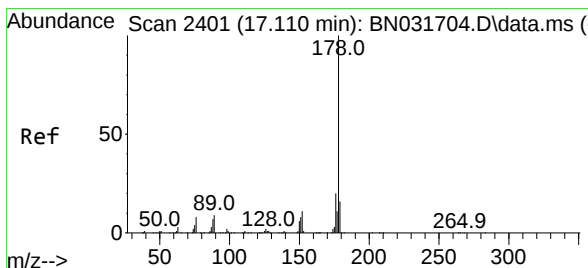
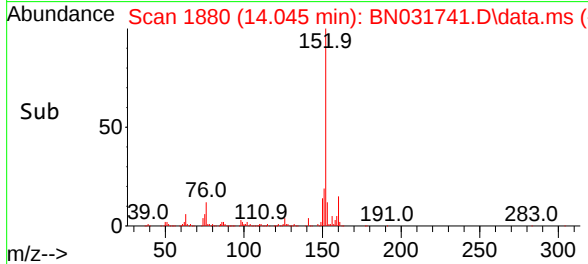
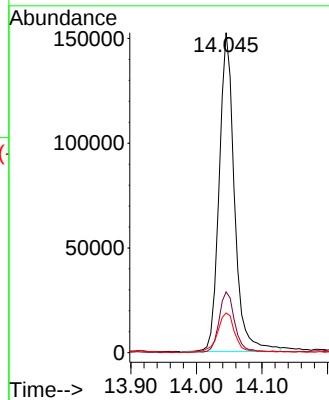
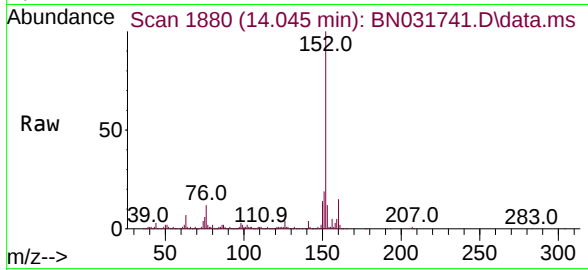




#50
Acenaphthylene
Concen: 1.966 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

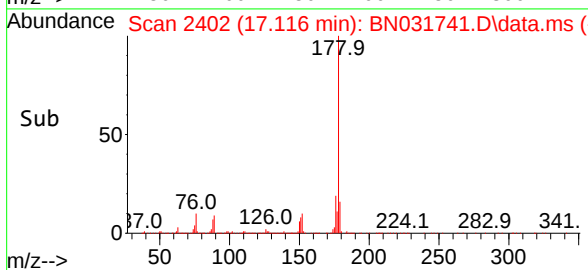
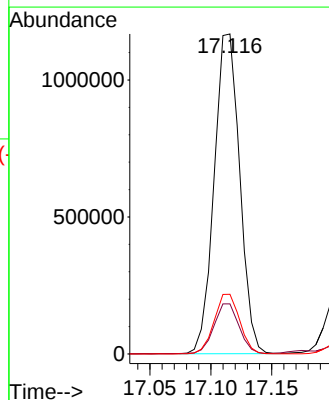
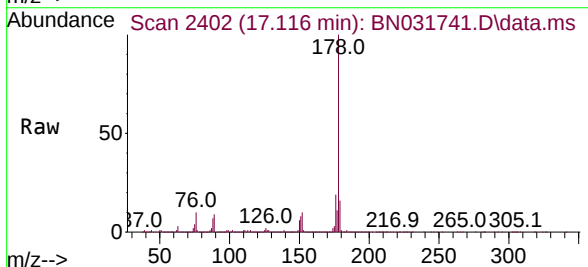
Instrument :
BNA_N
ClientSampleId :
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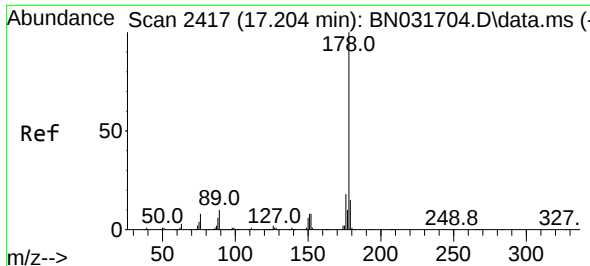
Tgt Ion:152 Resp: 245685
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 12.4 10.4 15.6



#72
Phenanthrene
Concen: 12.486 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

Tgt Ion:178 Resp: 1705234
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.8 23.6

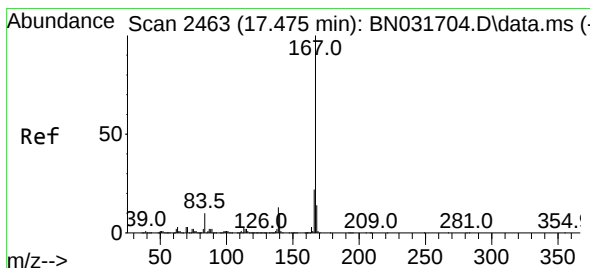
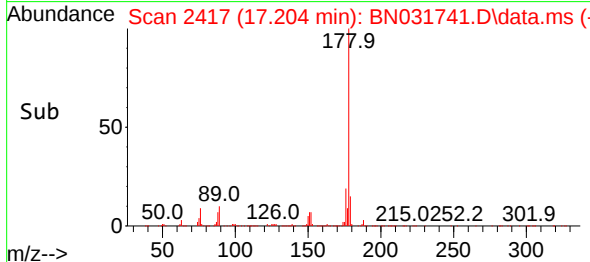
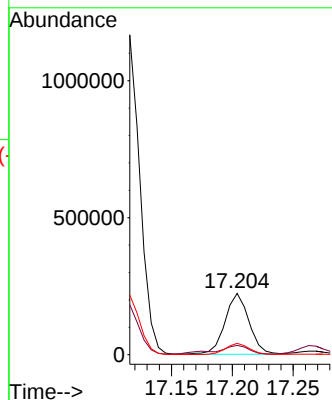
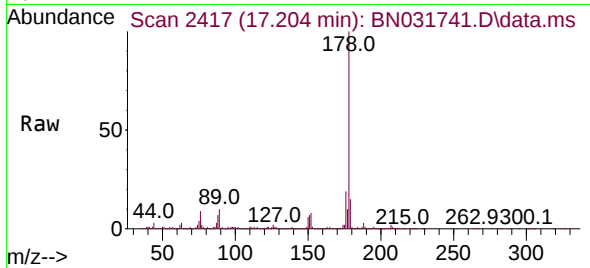




#74
 Anthracene
 Concen: 2.203 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031741.D
 Acq: 31 May 2024 14:20

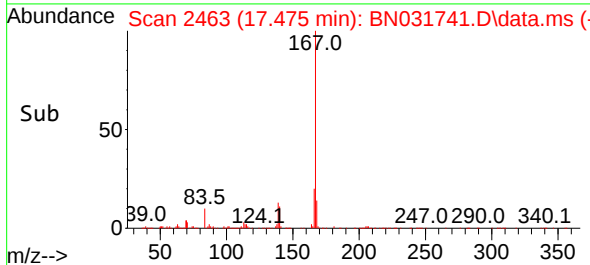
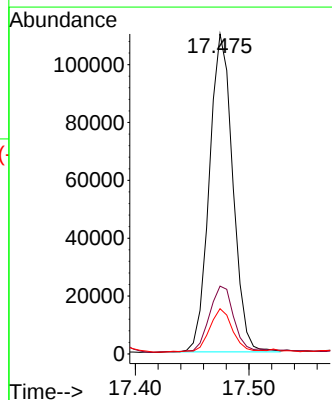
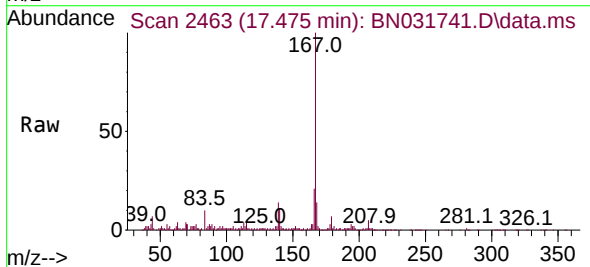
Instrument :
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 ClientSampleId :
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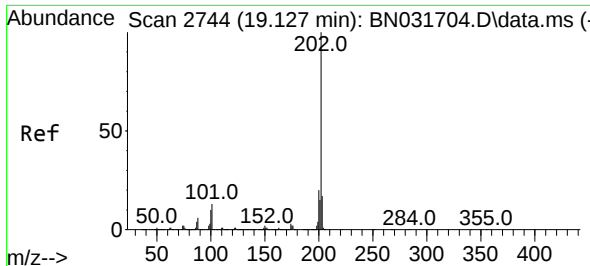
Tgt Ion:178 Resp: 304855
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.8 17.6
 176 18.7 14.8 22.2



#77
 Carbazole
 Concen: 1.336 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031741.D
 Acq: 31 May 2024 14:20

Tgt Ion:167 Resp: 157621
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.9 26.9
 139 14.2 10.5 15.7

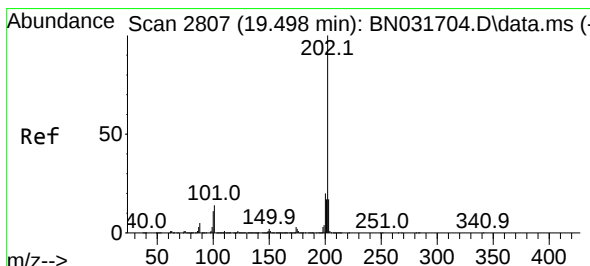
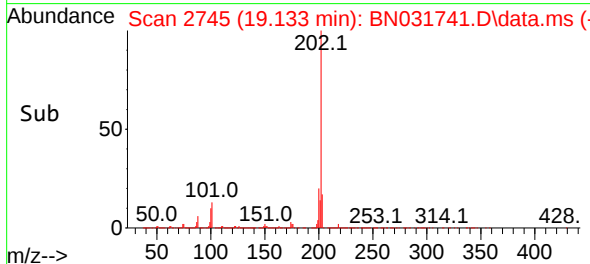
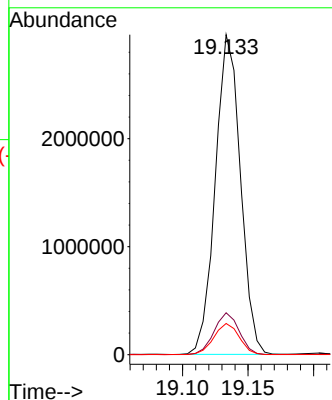
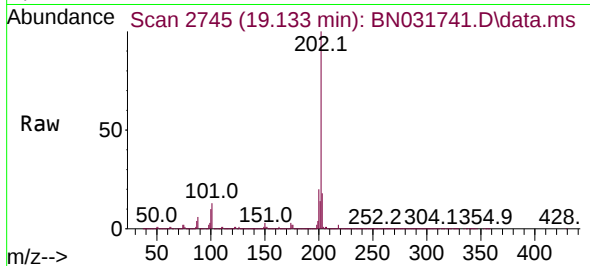




#80
Fluoranthene
Concen: 40.352 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

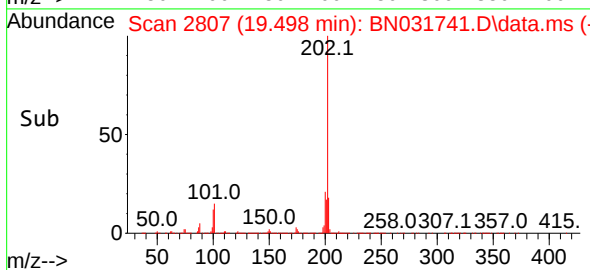
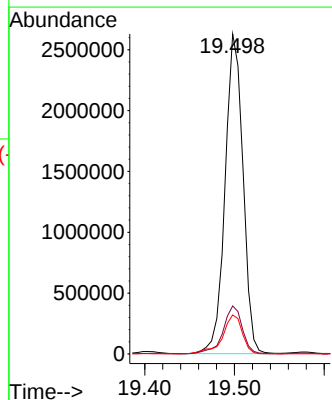
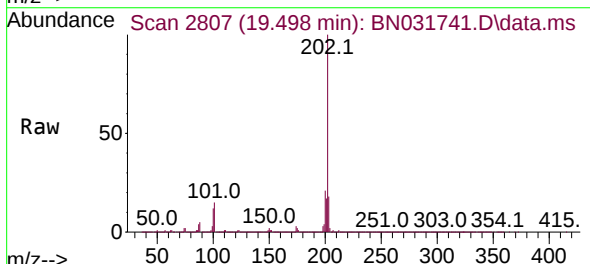
Instrument :
BNA_N
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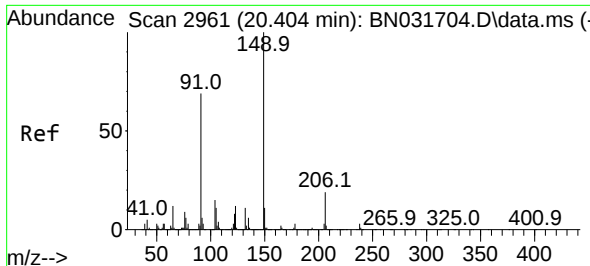
Tgt Ion:202 Resp: 3941719
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 9.7 8.0 12.0



#82
Pyrene
Concen: 36.345 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

Tgt Ion:202 Resp: 3642590
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.2 10.2 15.2

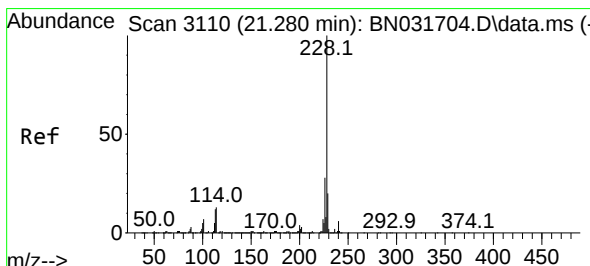
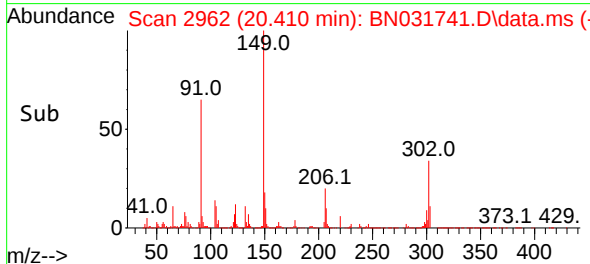
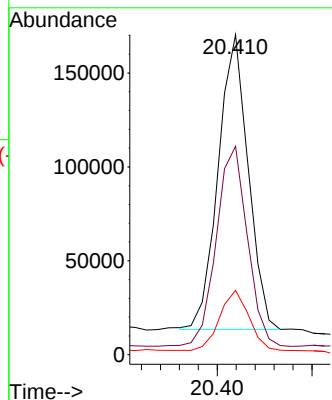
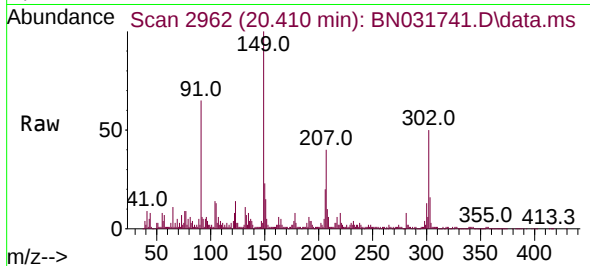




#83
Butylbenzylphthalate
Concen: 3.640 ng/ul
RT: 20.410 min Scan# 2961
Delta R.T. 0.006 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

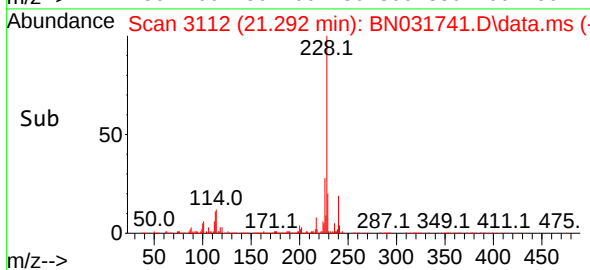
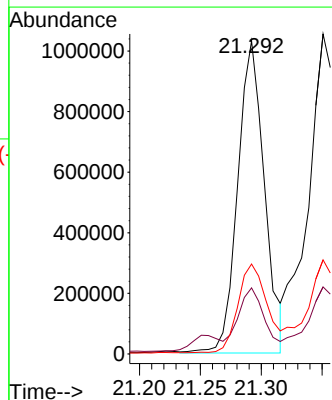
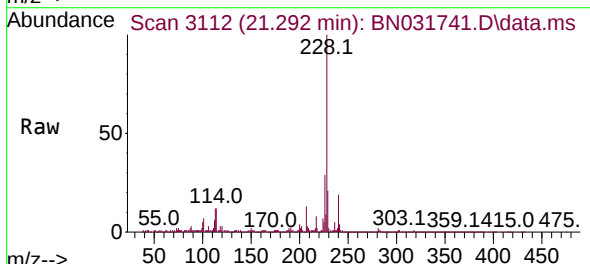
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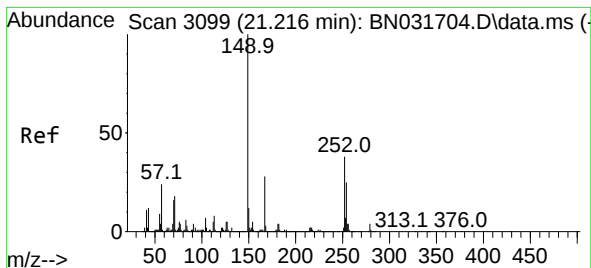
Tgt Ion:149 Resp: 172297
Ion Ratio Lower Upper
149 100
91 65.2 61.0 91.4
206 20.1 16.5 24.7



#85
Benzo(a)anthracene
Concen: 15.386 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

Tgt Ion:228 Resp: 1573048
Ion Ratio Lower Upper
228 100
229 21.1 16.7 25.1
226 28.7 22.8 34.2

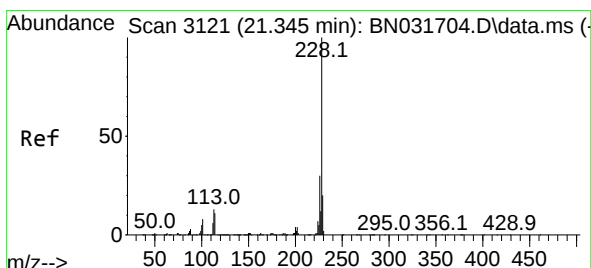
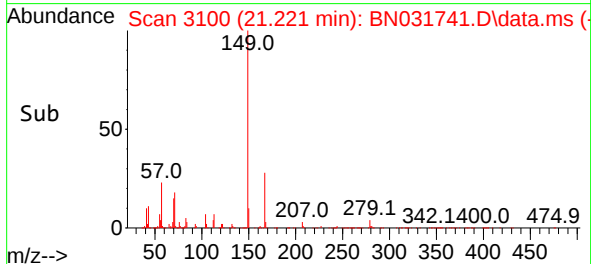
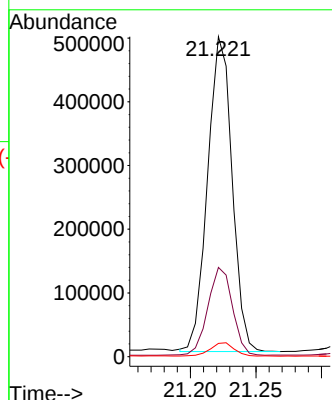
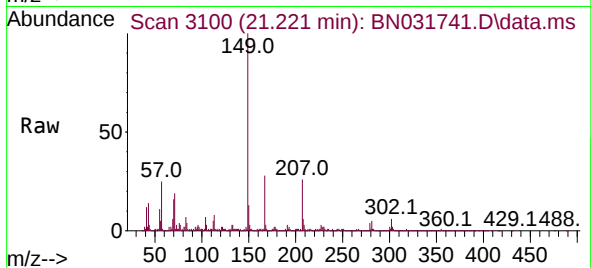




#86
Bis(2-ethylhexyl)phthalate
Concen: 9.310 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

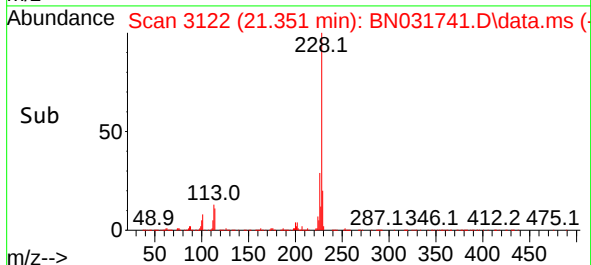
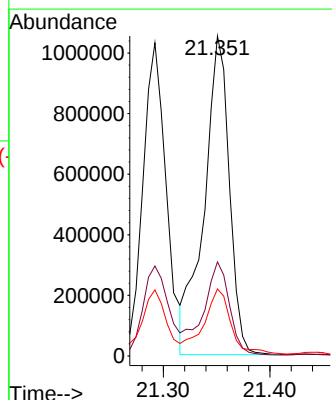
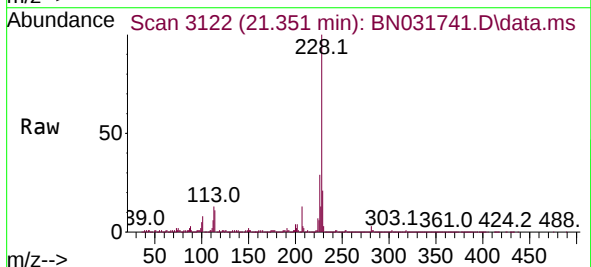
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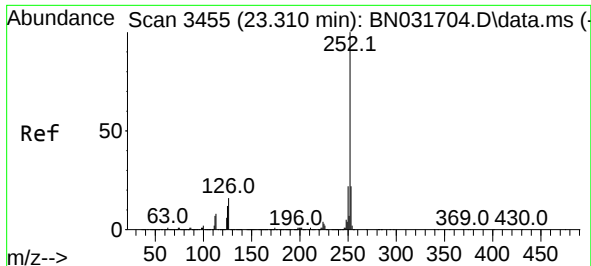
Tgt Ion:149 Resp: 642435
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.0
279 4.1 3.3 4.9



#87
Chrysene
Concen: 18.193 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

Tgt Ion:228 Resp: 1737362
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 21.0 15.1 22.7

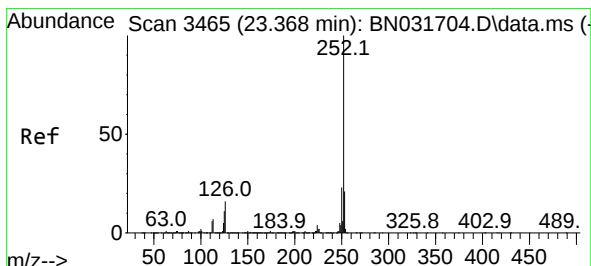
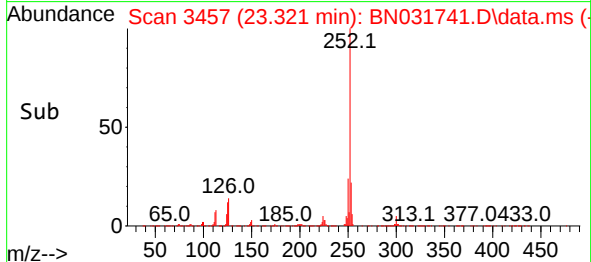
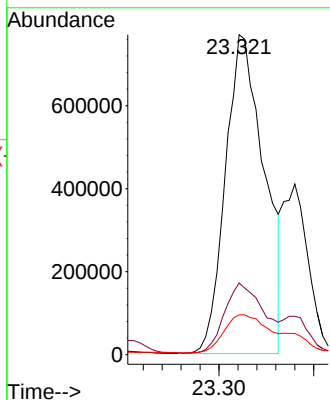
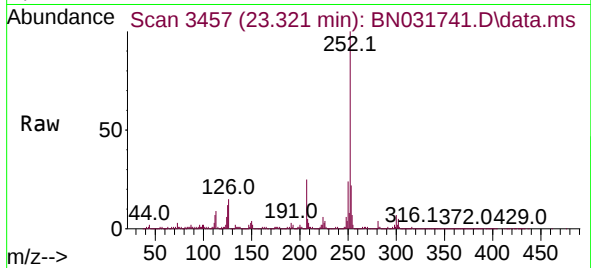




#90
Benzo(b)fluoranthene
Concen: 21.536 ng/ul
RT: 23.321 min Scan# 3457
Delta R.T. 0.012 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

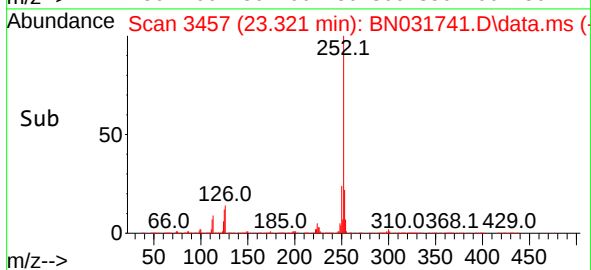
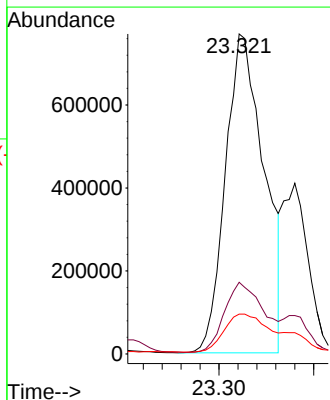
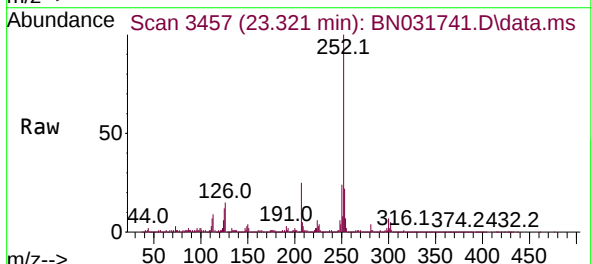
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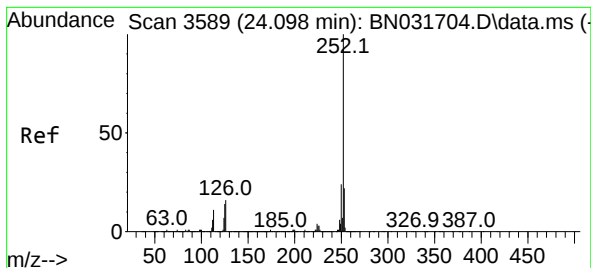
Tgt Ion:252 Resp: 2185217
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.4 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 21.947 ng/ul
RT: 23.321 min Scan# 3457
Delta R.T. -0.053 min
Lab File: BN031741.D
Acq: 31 May 2024 14:20

Tgt Ion:252 Resp: 2185217
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.4 9.4 14.2





#93

Benzo(a)pyrene

Concen: 15.939 ng/ul

RT: 24.109 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031741.D

Acq: 31 May 2024 14:20

Instrument :

BNA_N

ClientSampleId :

BH618

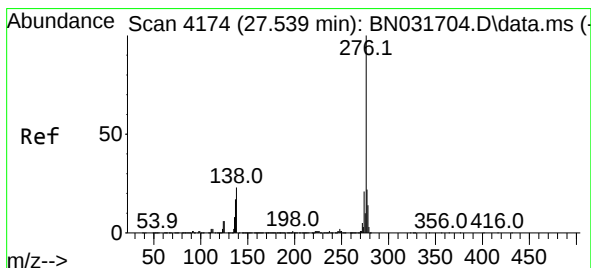
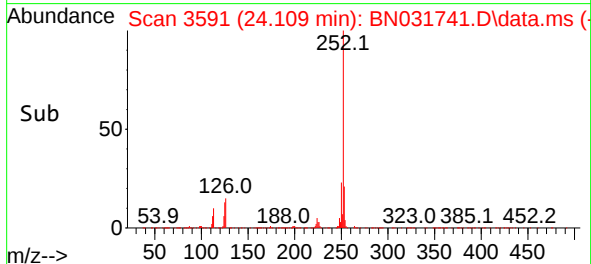
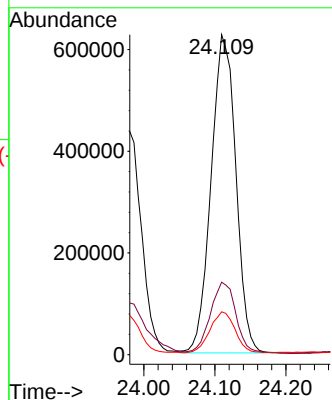
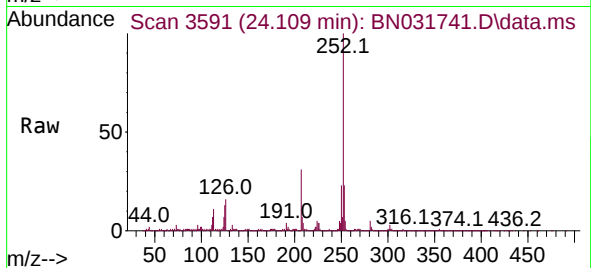
Tgt Ion:252 Resp: 1514782

Ion Ratio Lower Upper

252 100

253 22.7 16.6 24.8

125 13.4 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.706 ng/ul

RT: 27.550 min Scan# 4176

Delta R.T. 0.017 min

Lab File: BN031741.D

Acq: 31 May 2024 14:20

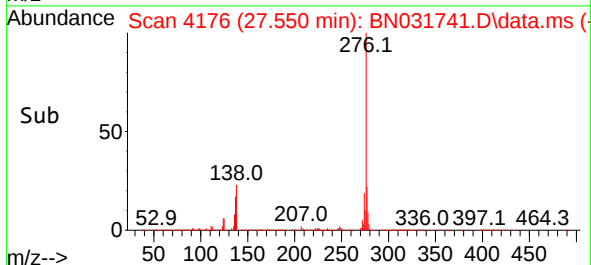
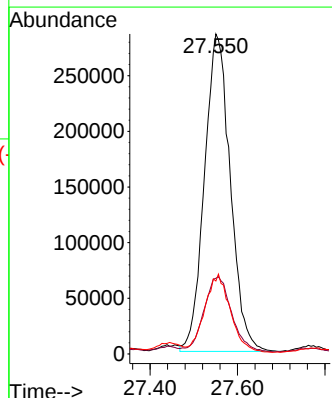
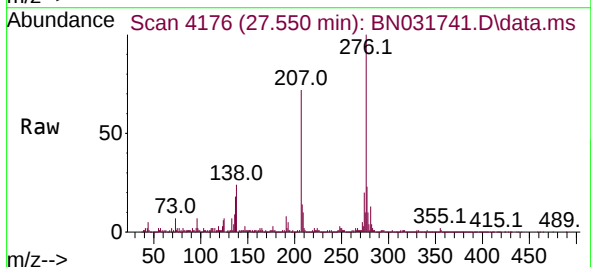
Tgt Ion:276 Resp: 1172455

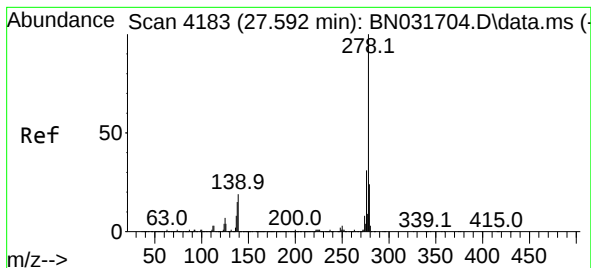
Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

277 22.8 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.235 ng/ul

RT: 27.598 min Scan# 4183

Delta R.T. -0.006 min

Lab File: BN031741.D

Acq: 31 May 2024 14:20

Instrument :

BNA_N

ClientSampleId :

BH618

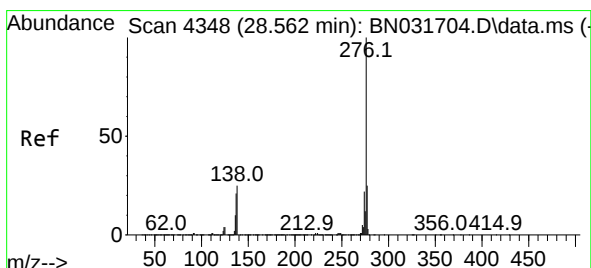
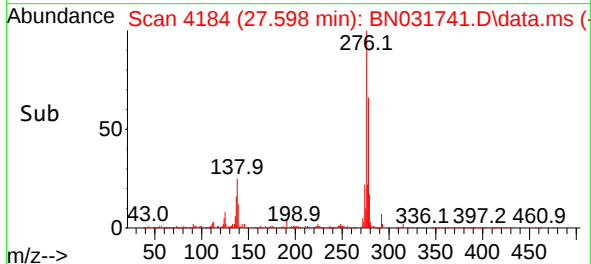
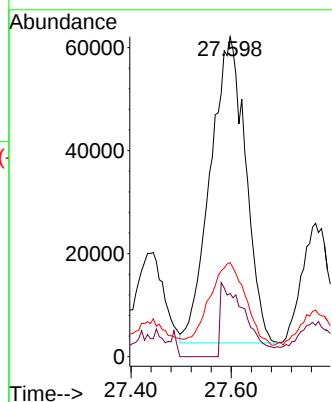
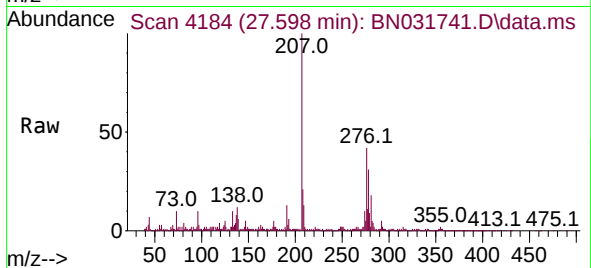
Tgt Ion:278 Resp: 289193

Ion Ratio Lower Upper

278 100

139 19.8 15.0 22.6

279 29.4 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 11.061 ng/ul

RT: 28.586 min Scan# 4352

Delta R.T. 0.017 min

Lab File: BN031741.D

Acq: 31 May 2024 14:20

Tgt Ion:276 Resp: 962932

Ion Ratio Lower Upper

276 100

138 26.2 20.9 31.3

277 23.7 18.0 27.0

