

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031744.D
 Acq On : 31 May 2024 16:18
 Operator : MA/JU
 Sample : P2549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH620

Quant Time: Jun 01 00:12:53 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)

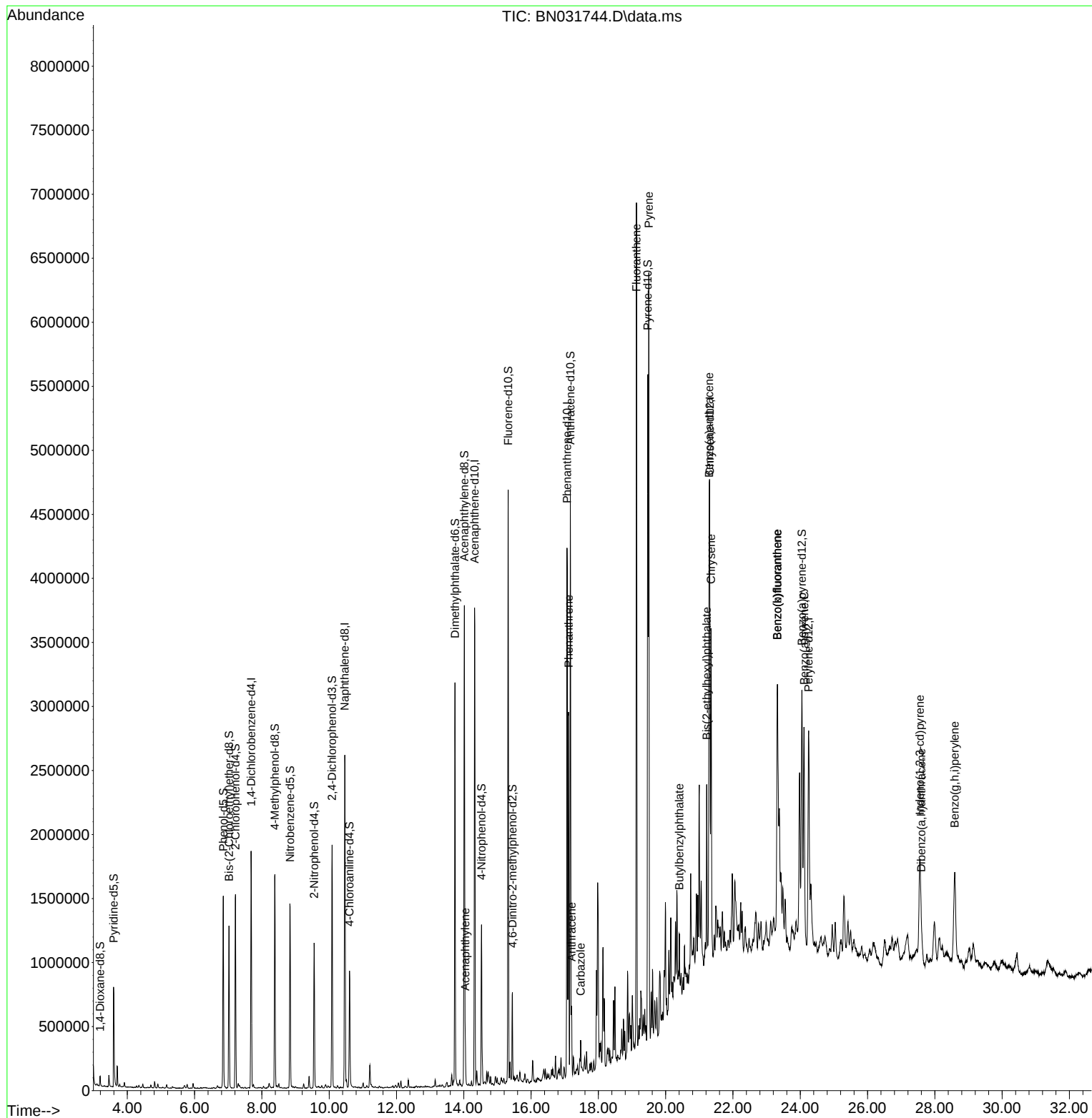
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	515091	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2244238	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1343444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2511727	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1374122	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1537377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	43539	3.497	ng/uL	0.00
4) Pyridine-d5	3.593	84	463024	13.211	ng/u1	0.00
7) Phenol-d5	6.852	99	931055	21.085	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	530382	20.534	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	759829	22.551	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	678032	18.837	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	389826	22.718	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	408187	23.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	718939	21.726	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	550811	11.211	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2140631	22.872	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2523956	23.453	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	297201	15.860	ng/u1	0.00
60) Fluorene-d10	15.322	176	1801637	22.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	148985	11.801	ng/u1	0.00
73) Anthracene-d10	17.169	188	2511858	23.359	ng/u1	0.00
81) Pyrene-d10	19.469	212	2303306	31.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	1751413	23.858	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	245836	2.021	ng/u1	99
72) Phenanthrene	17.116	178	1813797	14.176	ng/u1	98
74) Anthracene	17.204	178	341680	2.635	ng/u1	99
77) Carbazole	17.475	167	156988	1.420	ng/u1	99
80) Fluoranthene	19.133	202	3820900	43.479	ng/u1	99
82) Pyrene	19.498	202	3439717	38.150	ng/u1	99
83) Butylbenzylphthalate	20.410	149	135062	3.172	ng/u1	90
85) Benzo(a)anthracene	21.292	228	1574613	17.120	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	573414	9.237	ng/u1	100
87) Chrysene	21.351	228	1662061	19.346	ng/u1	98
90) Benzo(b)fluoranthene	23.321	252	2185533	23.784	ng/u1	96
91) Benzo(k)fluoranthene	23.321	252	2185533	24.238	ng/u1	97
93) Benzo(a)pyrene	24.115	252	1581699	18.378	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	1197642	12.076	ng/u1	96
95) Dibenzo(a,h)anthracene	27.598	278	312158	3.855	ng/u1#	87
96) Benzo(g,h,i)perylene	28.592	276	1160264	14.717	ng/u1	99

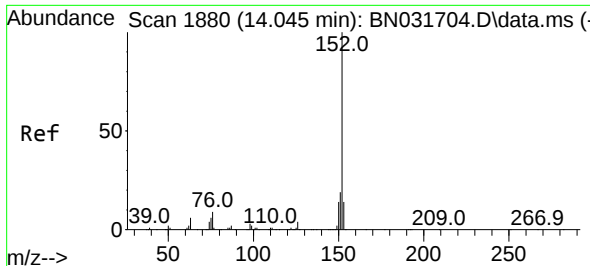
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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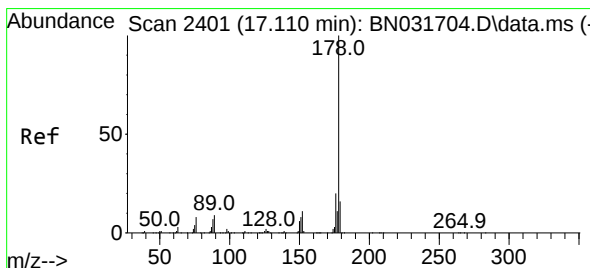
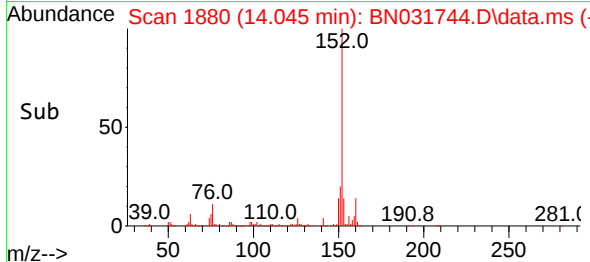
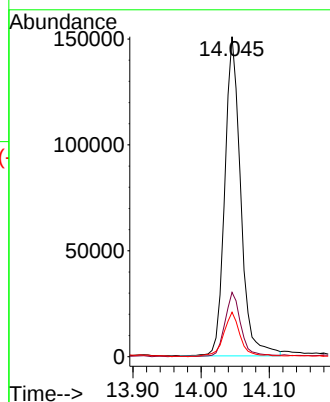
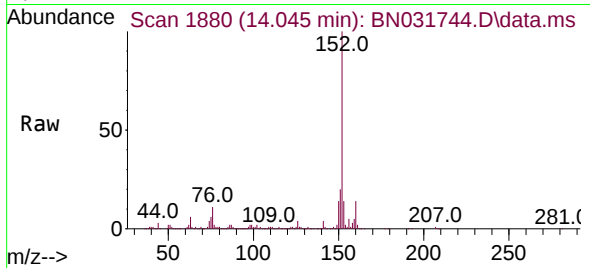




#50
Acenaphthylene
Concen: 2.021 ng/ul
RT: 14.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031744.D
Acq: 31 May 2024 16:18

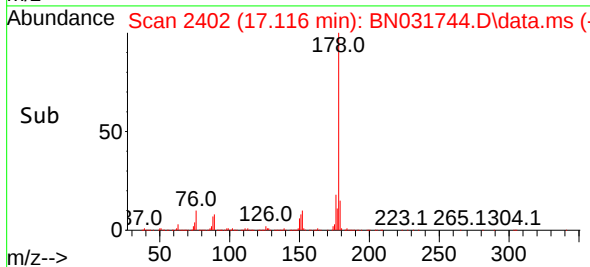
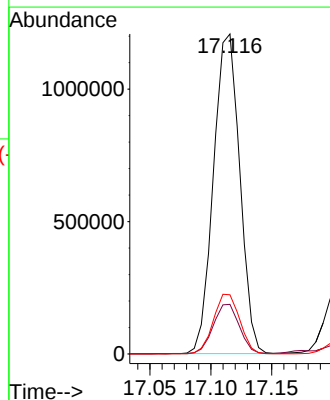
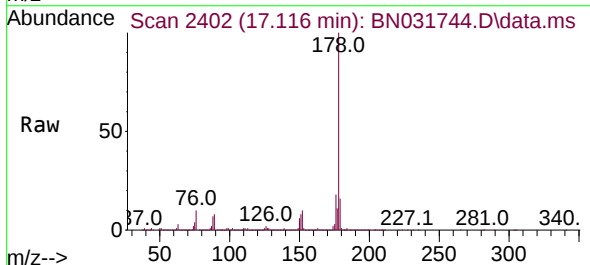
Instrument :
BNA_N
ClientSampleId :
BH620

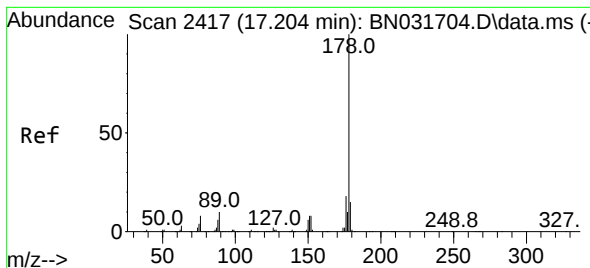
Tgt Ion:152 Resp: 245836
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.9 10.4 15.6



#72
Phenanthrene
Concen: 14.176 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031744.D
Acq: 31 May 2024 16:18

Tgt Ion:178 Resp: 1813797
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.5 15.8 23.6





#74

Anthracene

Concen: 2.635 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

Instrument :

BNA_N

ClientSampleId :

BH620

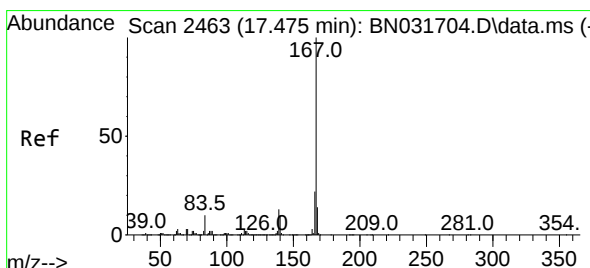
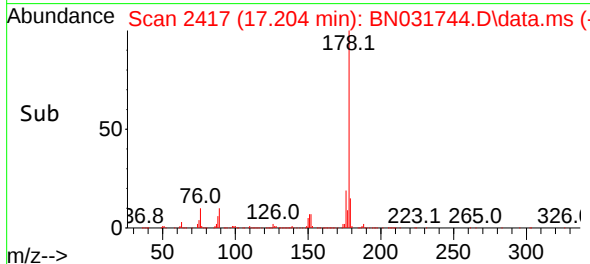
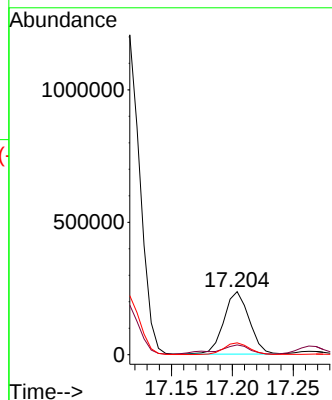
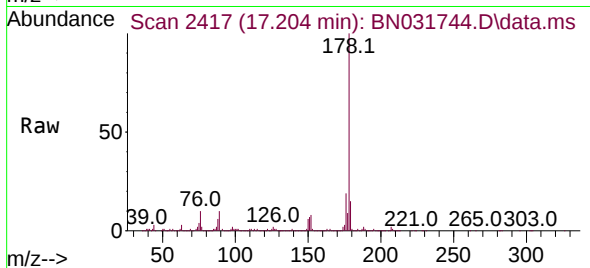
Tgt Ion:178 Resp: 341680

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.6

176 18.8 14.8 22.2



#77

Carbazole

Concen: 1.420 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

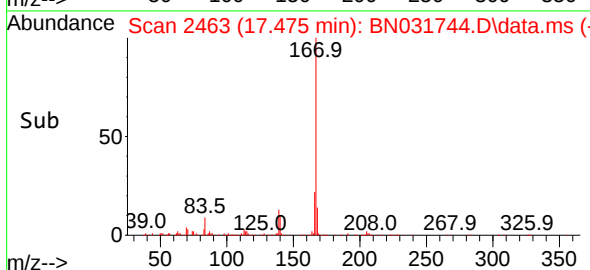
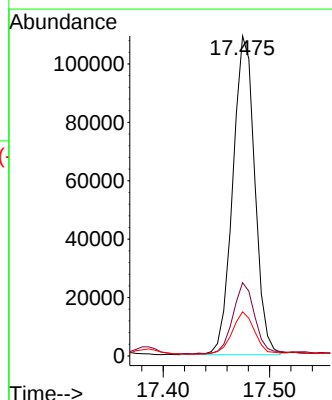
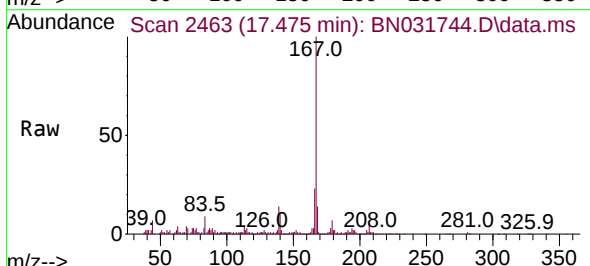
Tgt Ion:167 Resp: 156988

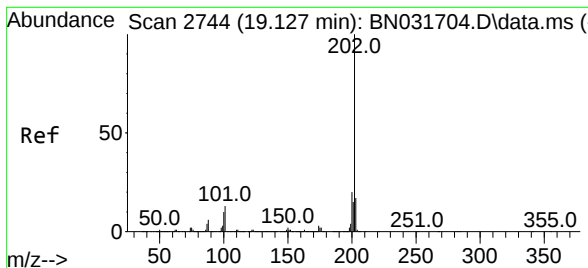
Ion Ratio Lower Upper

167 100

166 22.9 17.9 26.9

139 13.8 10.5 15.7

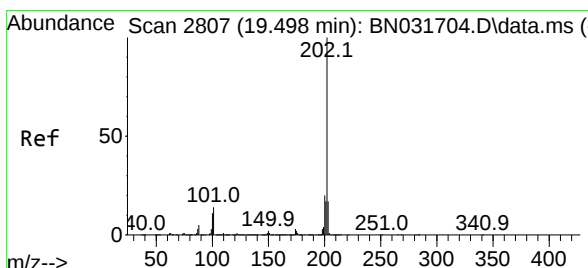
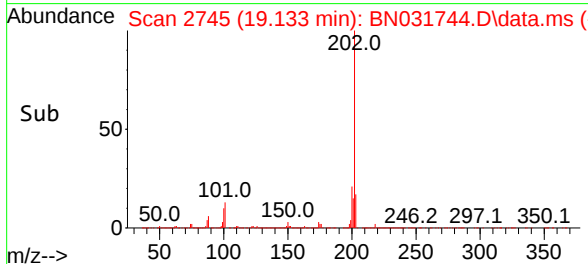
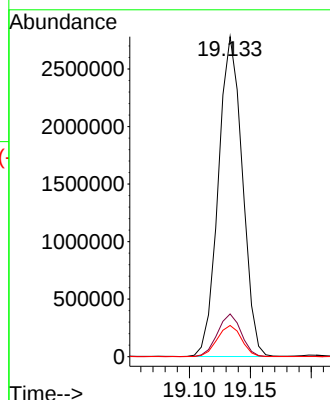
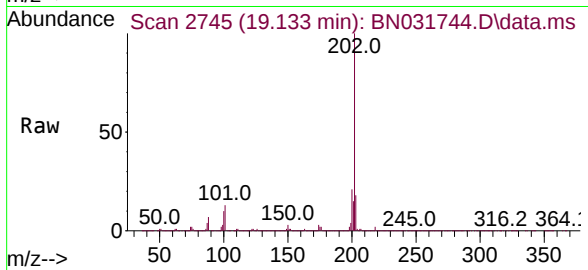




#80
Fluoranthene
Concen: 43.479 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031744.D
Acq: 31 May 2024 16:18

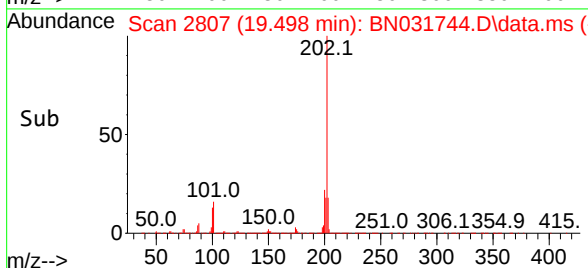
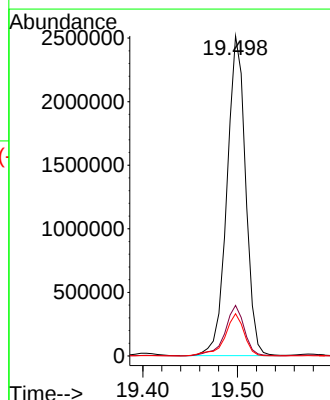
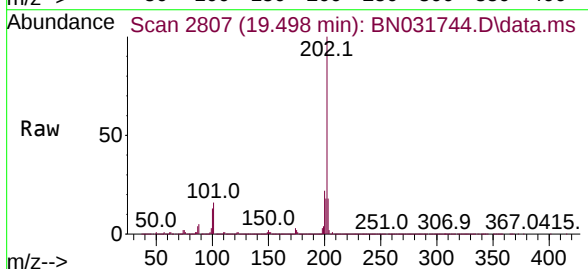
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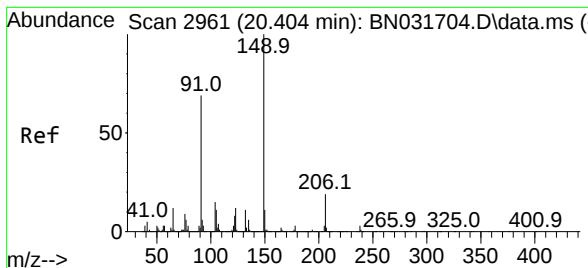
Tgt Ion:202 Resp: 3820900
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 9.8 8.0 12.0



#82
Pyrene
Concen: 38.150 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031744.D
Acq: 31 May 2024 16:18

Tgt Ion:202 Resp: 3439717
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 13.2 10.2 15.2





#83

Butylbenzylphthalate

Concen: 3.172 ng/ul

RT: 20.410 min Scan# 2961

Delta R.T. 0.006 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

Instrument :

BNA_N

ClientSampleId :

BH620

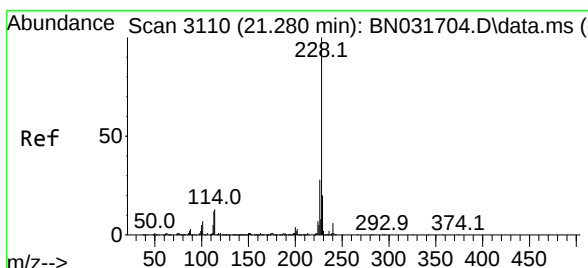
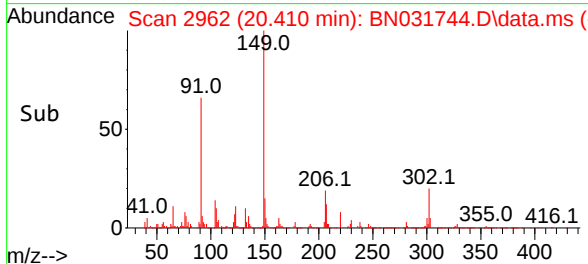
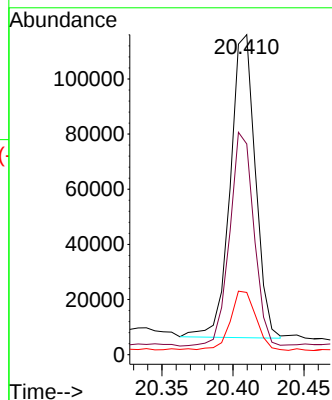
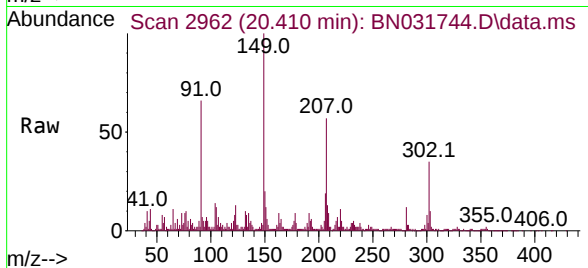
Tgt Ion:149 Resp: 135062

Ion Ratio Lower Upper

149 100

91 65.9 61.0 91.4

206 19.5 16.5 24.7



#85

Benzo(a)anthracene

Concen: 17.120 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

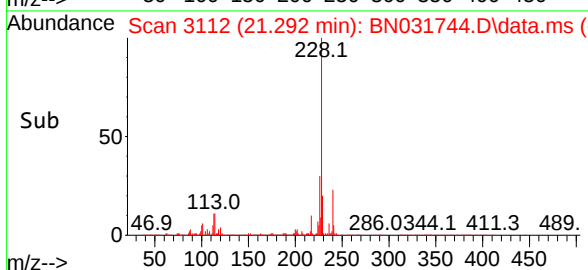
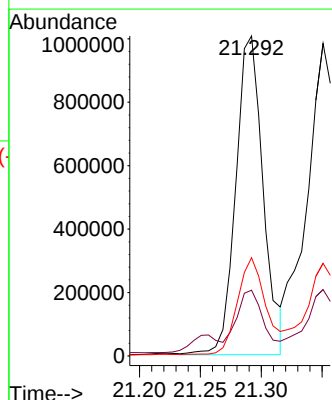
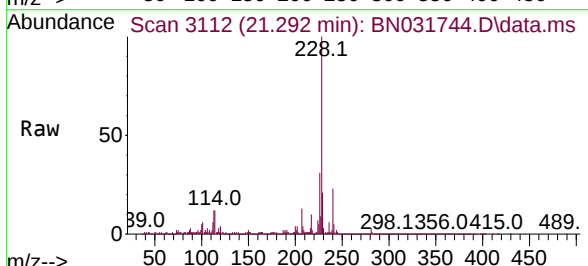
Tgt Ion:228 Resp: 1574613

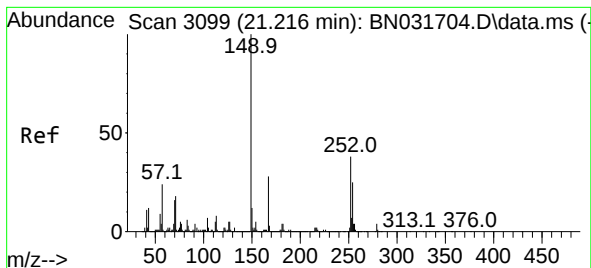
Ion Ratio Lower Upper

228 100

229 20.6 16.7 25.1

226 30.7 22.8 34.2

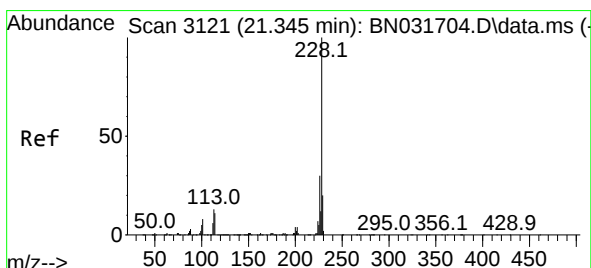
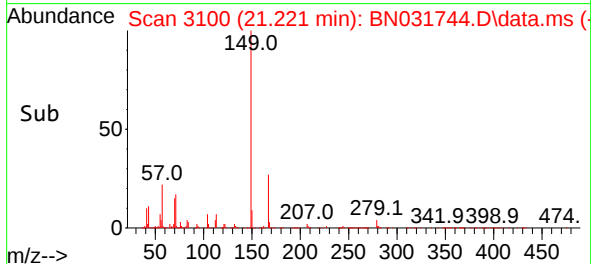
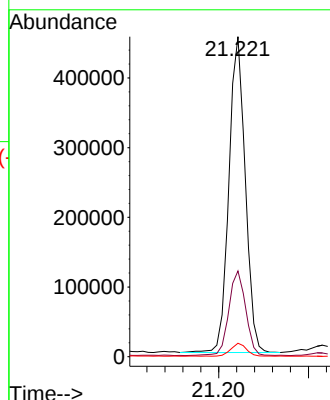
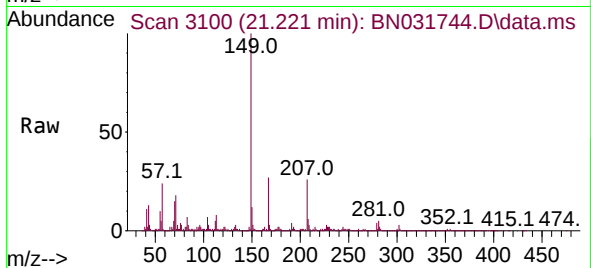




#86
Bis(2-ethylhexyl)phthalate
Concen: 9.237 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031744.D
Acq: 31 May 2024 16:18

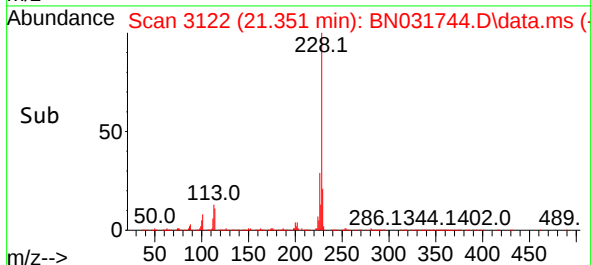
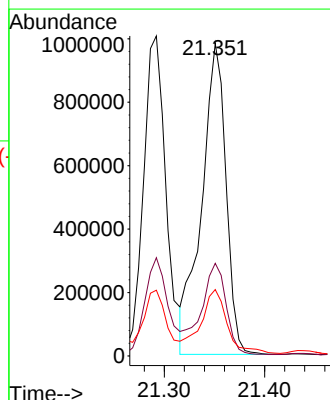
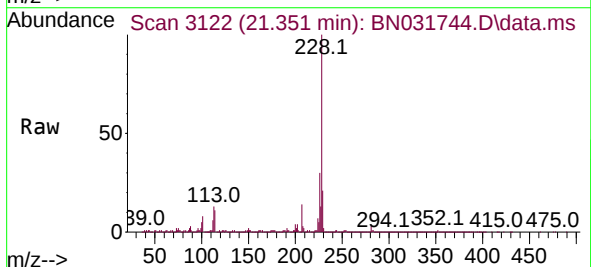
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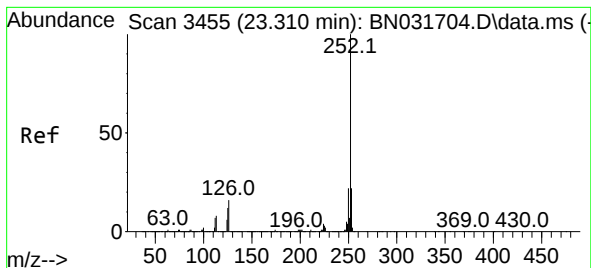
Tgt Ion:149 Resp: 573414
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.2 3.3 4.9



#87
Chrysene
Concen: 19.346 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031744.D
Acq: 31 May 2024 16:18

Tgt Ion:228 Resp: 1662061
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 21.2 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 23.784 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

Instrument :

BNA_N

ClientSampleId :

BH620

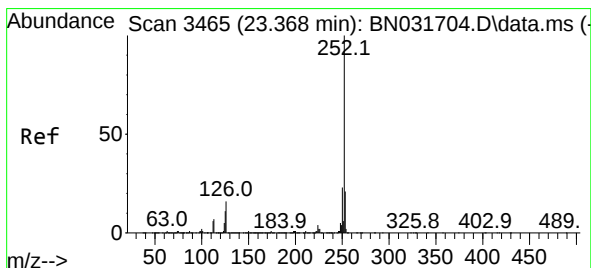
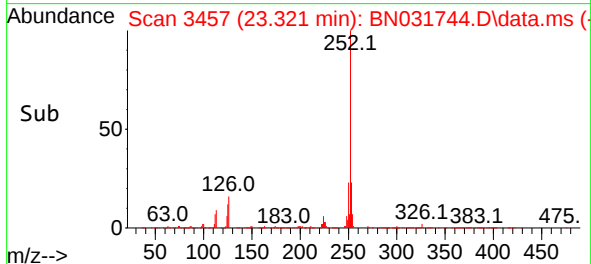
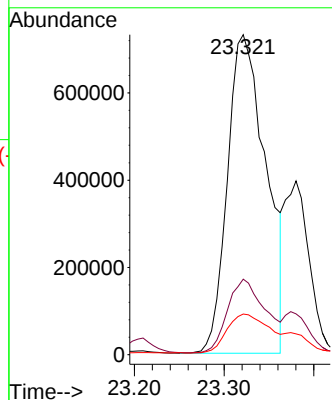
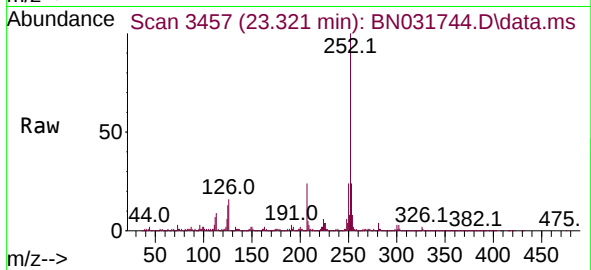
Tgt Ion:252 Resp: 2185533

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

125 12.7 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 24.238 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. -0.053 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

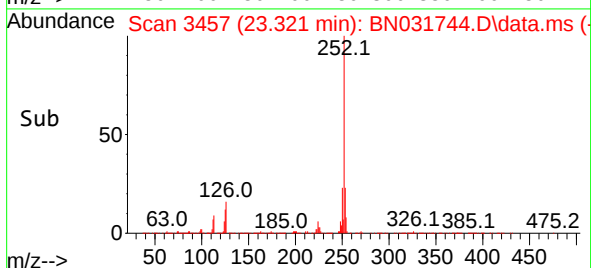
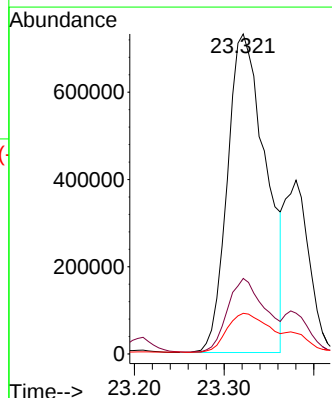
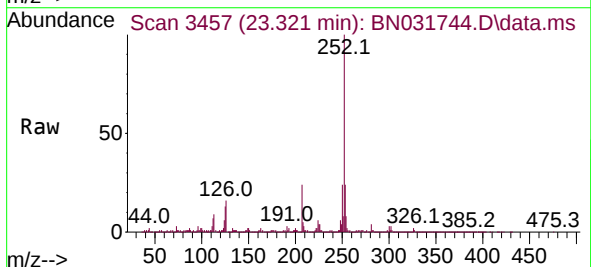
Tgt Ion:252 Resp: 2185533

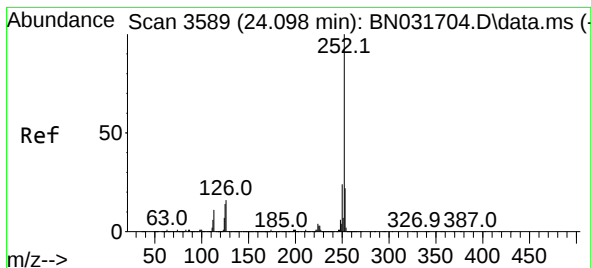
Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 12.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 18.378 ng/ul

RT: 24.115 min Scan# 31

Delta R.T. 0.012 min

Lab File: BN031744.D

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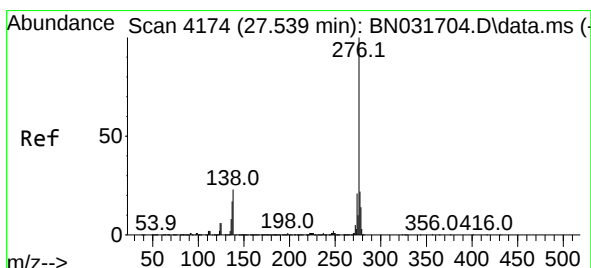
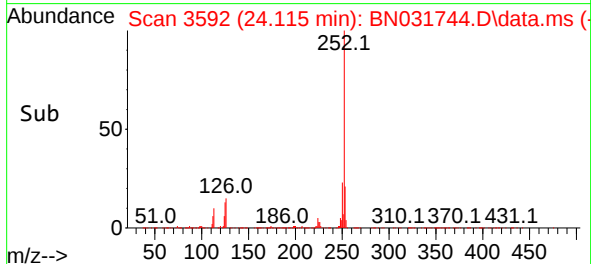
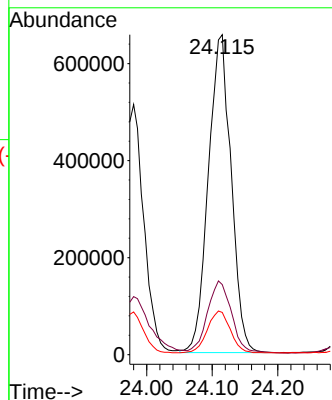
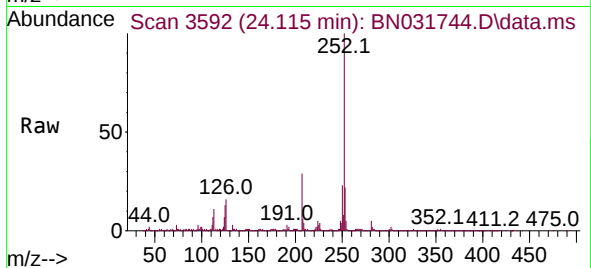
Tgt Ion:252 Resp: 1581699

Ion Ratio Lower Upper

252 100

253 21.9 16.6 24.8

125 13.2 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.076 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

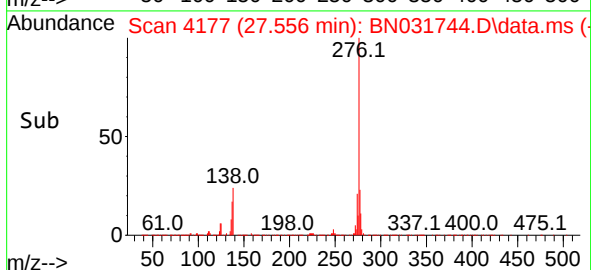
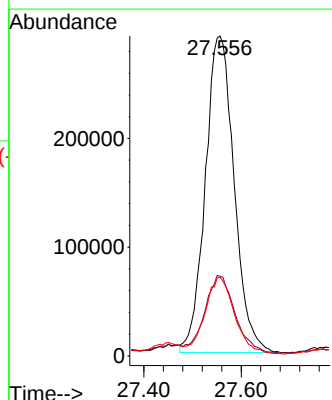
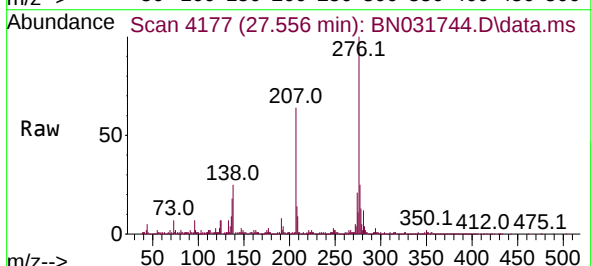
Tgt Ion:276 Resp: 1197642

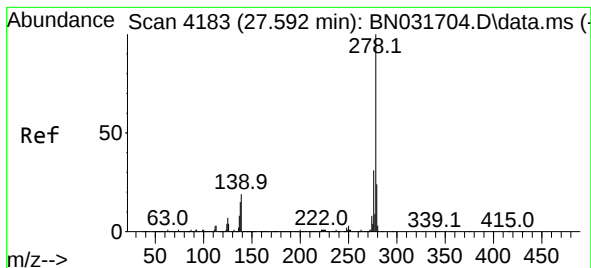
Ion Ratio Lower Upper

276 100

138 24.9 18.1 27.1

277 24.6 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.855 ng/ul

RT: 27.598 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

Instrument :

BNA_N

ClientSampleId :

BH620

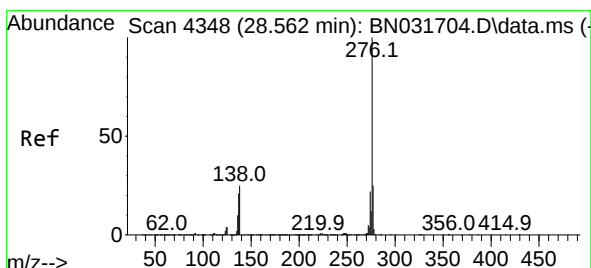
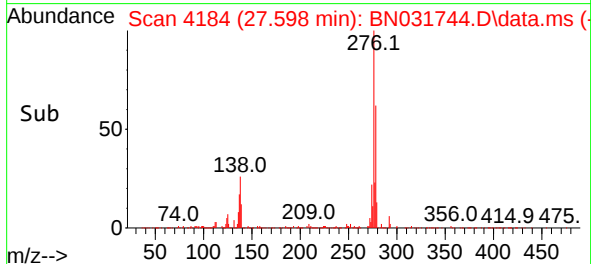
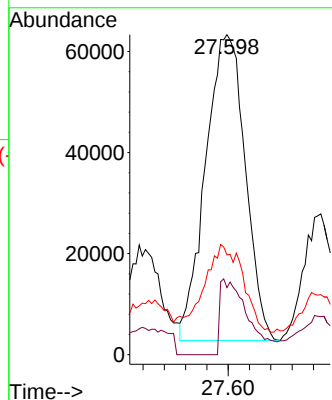
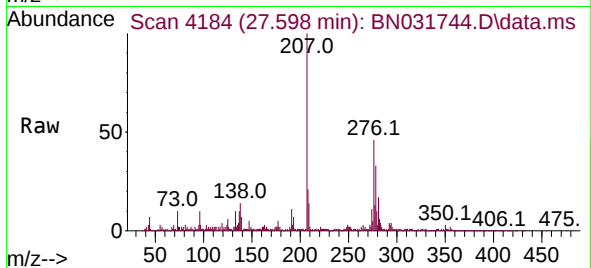
Tgt Ion:278 Resp: 312158

Ion Ratio Lower Upper

278 100

139 20.9 15.0 22.6

279 31.2 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 14.717 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031744.D

Acq: 31 May 2024 16:18

Tgt Ion:276 Resp: 1160264

Ion Ratio Lower Upper

276 100

138 25.4 20.9 31.3

277 22.8 18.0 27.0

