

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014866.D
 Acq On : 10 Jun 2021 16:32
 Operator : CG/JU
 Sample : M2618-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S6

Manual Integrations
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Quant Time: Jun 10 17:03:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 10 11:55:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	164181	20.00	ng/ul	0.00
20) Naphthalene-d8	10.487	136	656522	20.00	ng/ul	0.01
38) Acenaphthene-d10	14.351	164	469929	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1026303	20.00	ng/ul	0.00
79) Chrysene-d12	21.310	240	956102	20.00	ng/ul	0.01
88) Perylene-d12	23.568	264	1079481	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	15716m	3.90	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.875	99	306228	19.05	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	142994	17.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	234676	23.57	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	233249	18.66	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	113035	22.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	126340	23.77	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.110	165	243860	20.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	276419	19.34	ng/ul	0.01
46) Dimethylphthalate-d6	13.763	166	790571	21.18	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	947447	21.95	ng/ul	0.01
54) 4-Nitrophenol-d4	14.563	143	83453	14.07	ng/ul	0.01
60) Fluorene-d10	15.351	176	702937	21.85	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	21367	3.81	ng/ul	0.01
73) Anthracene-d10	17.204	188	1113725	23.23	ng/ul	0.00
81) Pyrene-d10	19.510	212	1245454	27.63	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.427	264	1383637	24.06	ng/ul	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.145	178	174142	3.25	ng/ul	98
80) Fluoranthene	19.174	202	392387	7.38	ng/ul	98
82) Pyrene	19.539	202	341813	6.25	ng/ul	98
85) Benzo(a)anthracene	21.292	228	174427	2.93	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.233	149	170156	6.43	ng/ul	97
87) Chrysene	21.345	228	177449m	2.96	ng/ul	
90) Benzo(b)fluoranthene	22.892	252	214134	3.31	ng/ul#	71
91) Benzo(k)fluoranthene	22.933	252	78131m	1.21	ng/ul	
93) Benzo(a)pyrene	23.474	252	130142	2.22	ng/ul#	76
94) Indeno(1,2,3-cd)pyrene	25.839	276	83109	1.03	ng/ul#	85

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

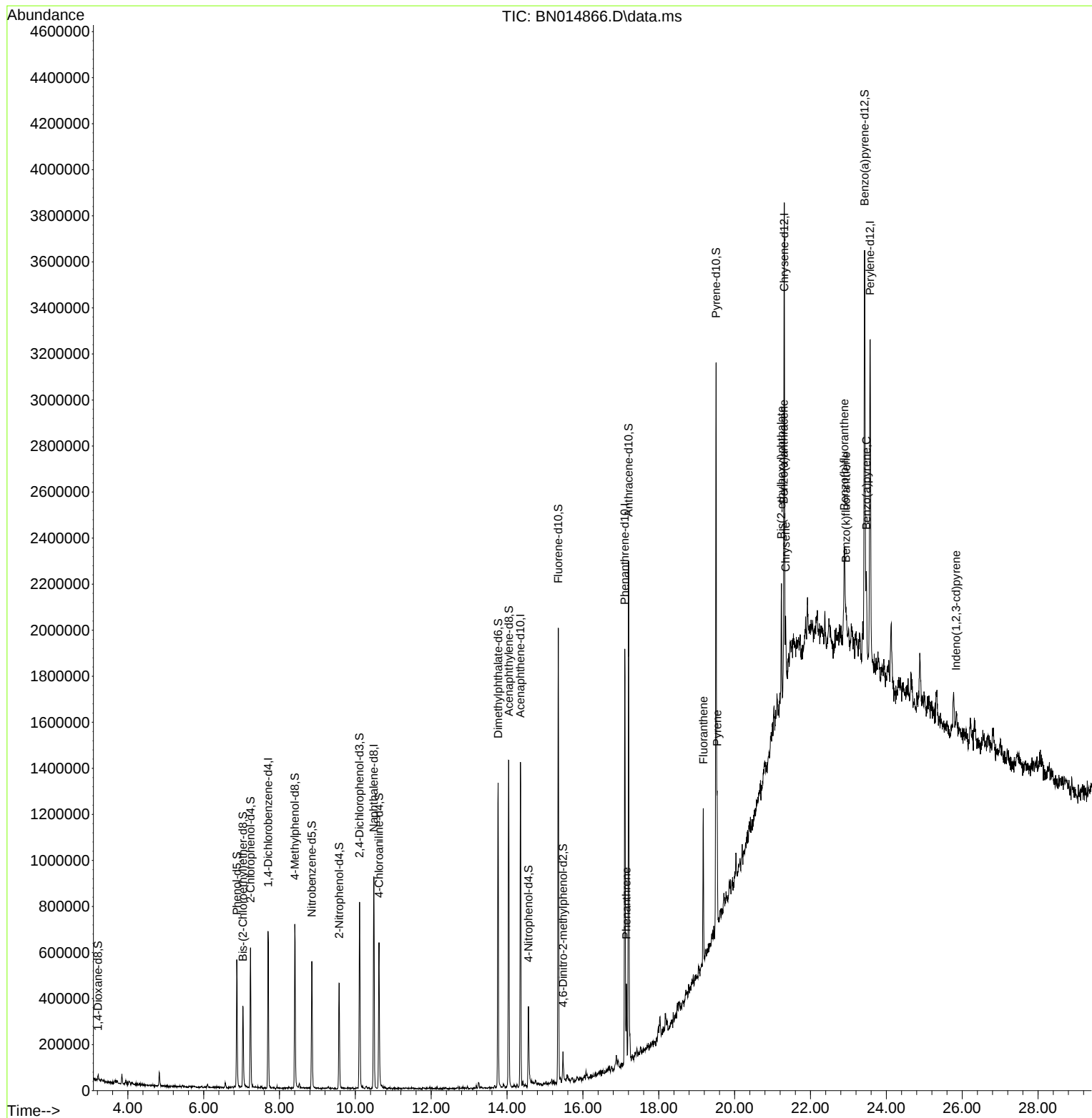
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Data File : BN014866.D
Acq On : 10 Jun 2021 16:32
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

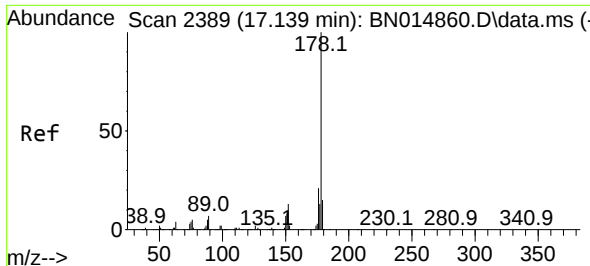
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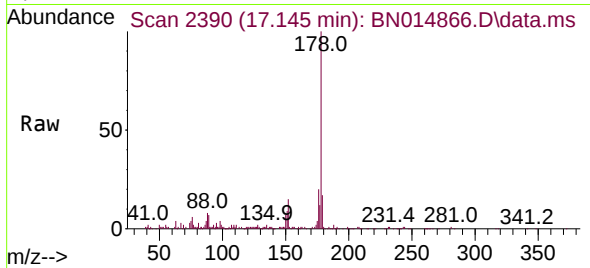
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Quant Time: Jun 10 17:03:04 2021
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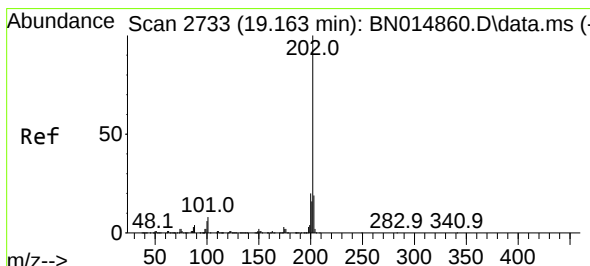
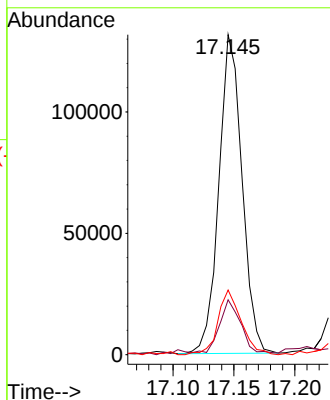
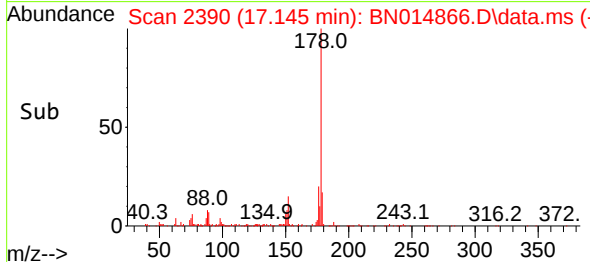




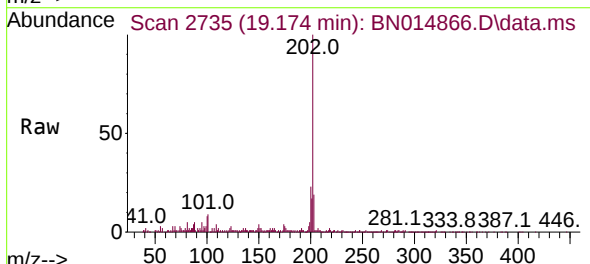
#72
Phenanthrene
Concen: 3.25 ng/ul
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32



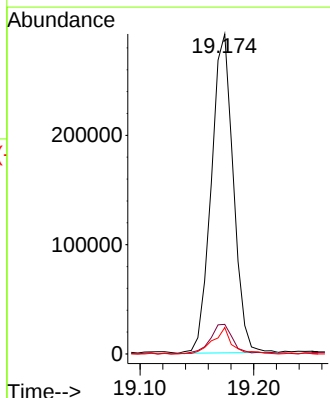
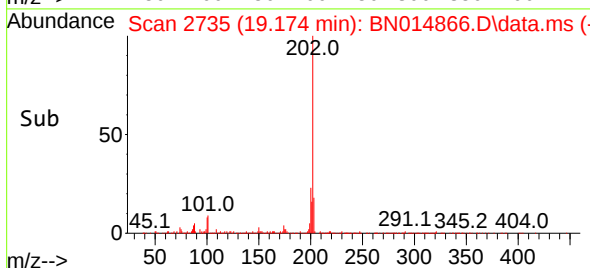
Tgt Ion:178 Resp: 174142
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 20.2 15.4 23.0



#80
Fluoranthene
Concen: 7.38 ng/ul
RT: 19.174 min Scan# 2735
Delta R.T. 0.012 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32



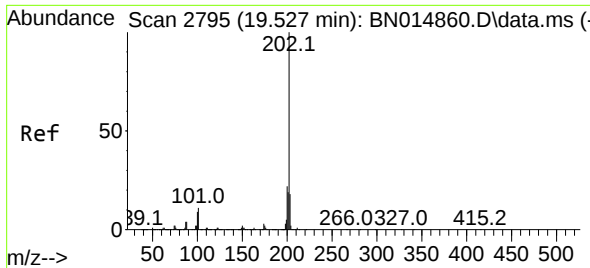
Tgt Ion:202 Resp: 392387
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 8.3 5.6 8.4



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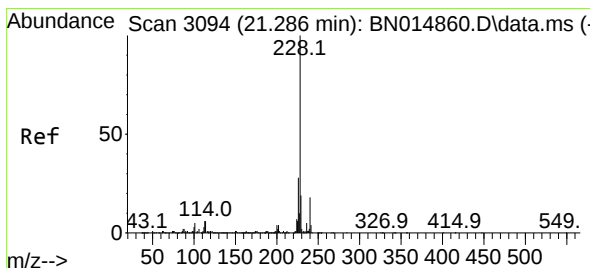
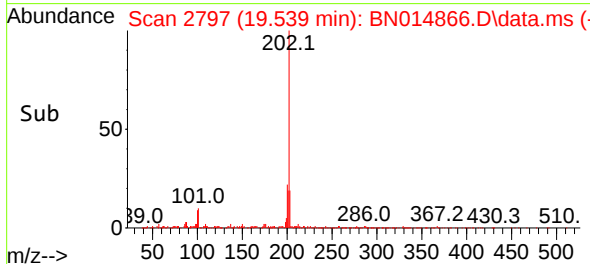
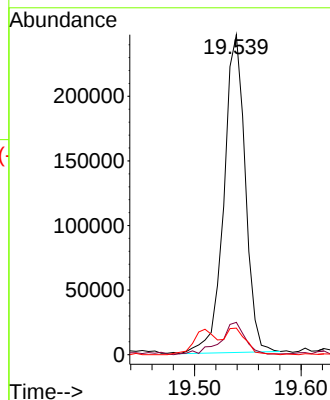
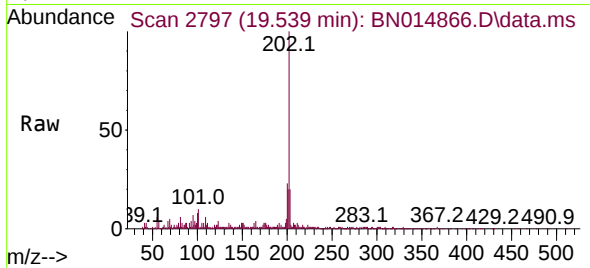
#82
Pyrene
Concen: 6.25 ng/ul
RT: 19.539 min Scan# 2797
Delta R.T. 0.012 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion: 202 Resp: 341813
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 8.3 6.2 9.4

Instrument :
BNA_N
ClientSampled :
BG5S6

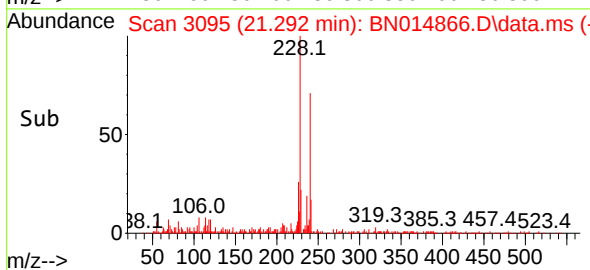
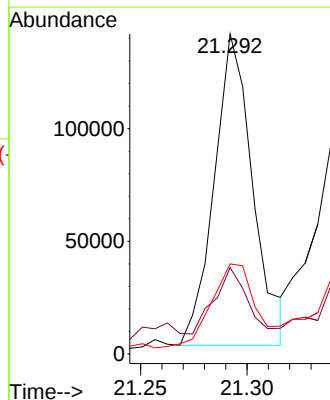
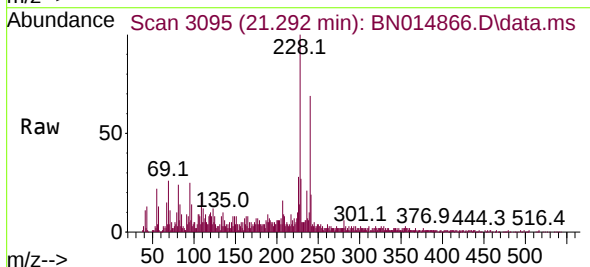
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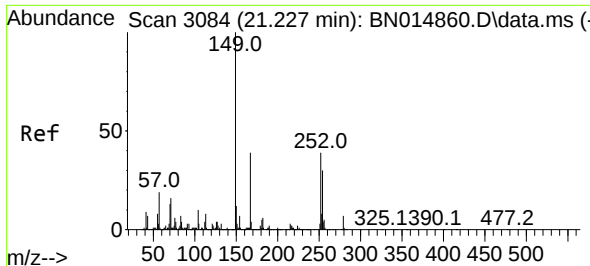
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#85
Benzo(a)anthracene
Concen: 2.93 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion: 228 Resp: 174427
Ion Ratio Lower Upper
228 100
229 27.0 16.2 24.4#
226 28.1 21.6 32.4





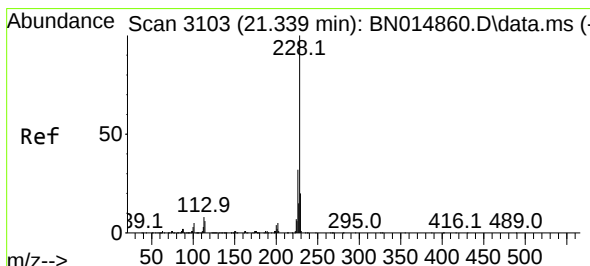
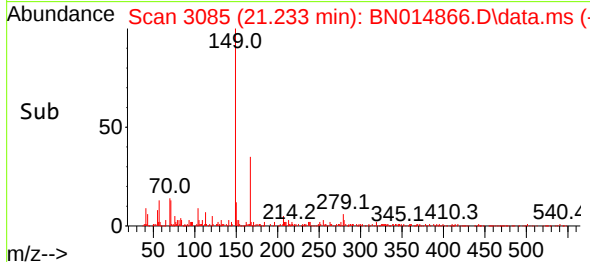
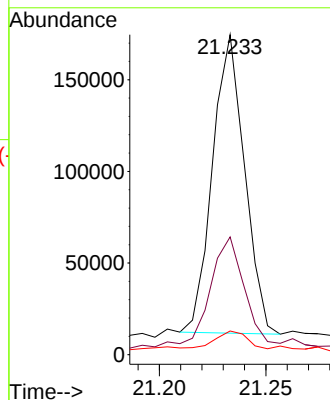
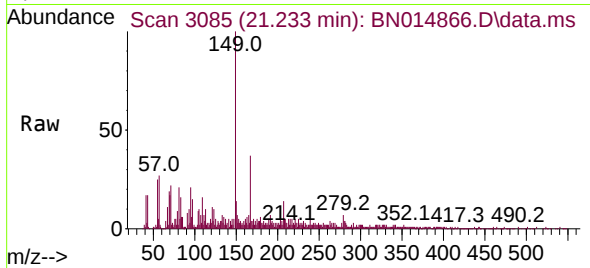
#86
Bis(2-ethylhexyl)phthalate
Concen: 6.43 ng/ul
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion:149 Resp: 170156
Ion Ratio Lower Upper
149 100
167 36.8 30.7 46.1
279 7.4 5.1 7.7

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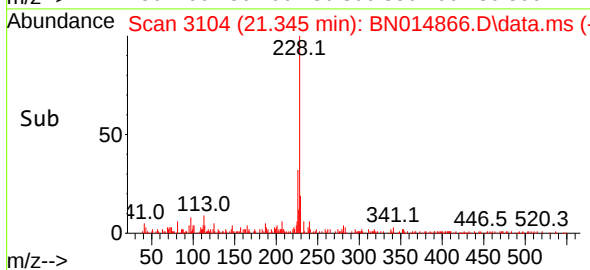
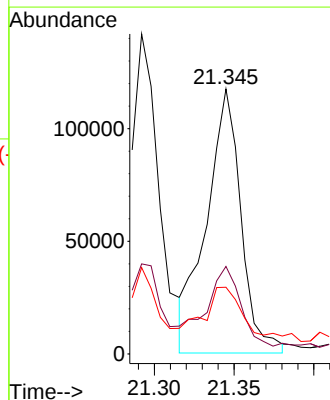
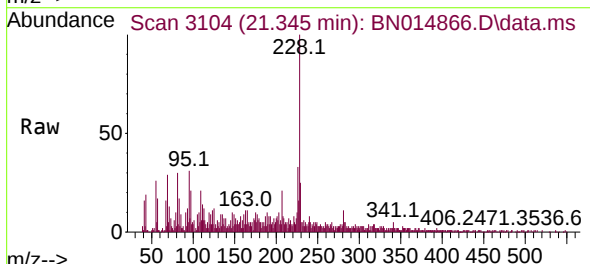
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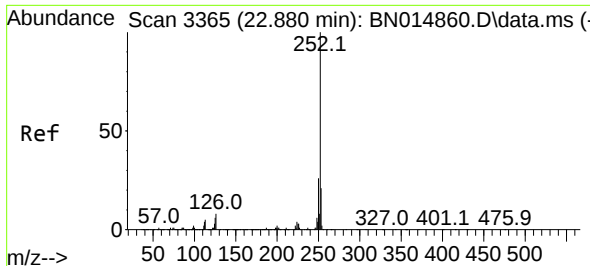
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#87
Chrysene
Concen: 2.96 ng/ul m
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion:228 Resp: 177449
Ion Ratio Lower Upper
228 100
226 33.0 23.8 35.6
229 25.2 14.8 22.2#





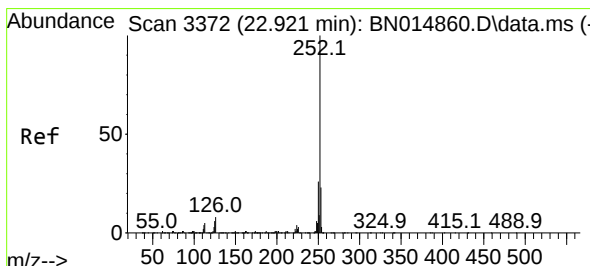
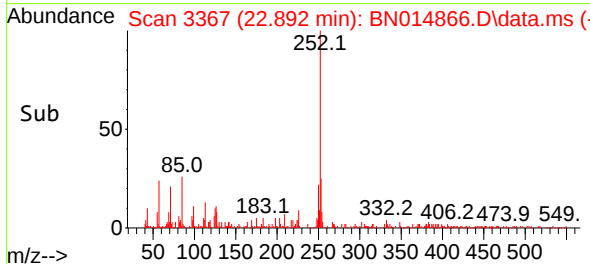
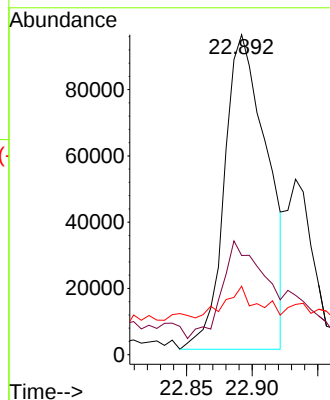
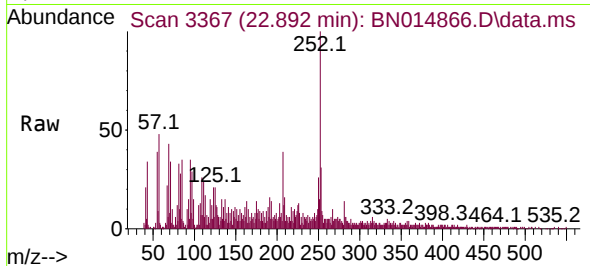
#90
Benzo(b)fluoranthene
Concen: 3.31 ng/ul
RT: 22.892 min Scan# 3367
Delta R.T. 0.012 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion:252 Resp: 214134
Ion Ratio Lower Upper
252 100
253 31.0 15.8 23.8#
125 21.4 4.3 6.5#

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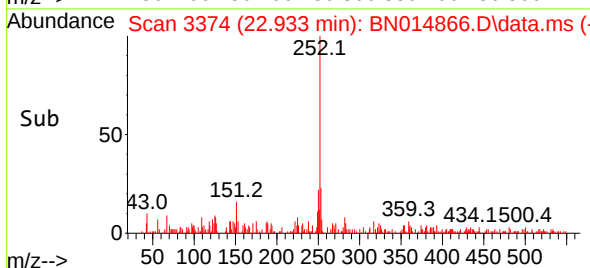
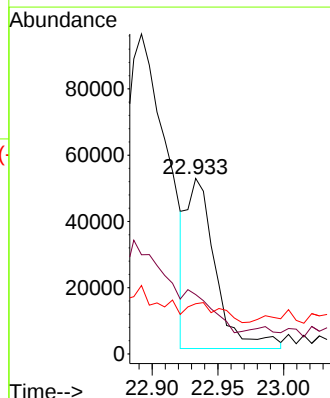
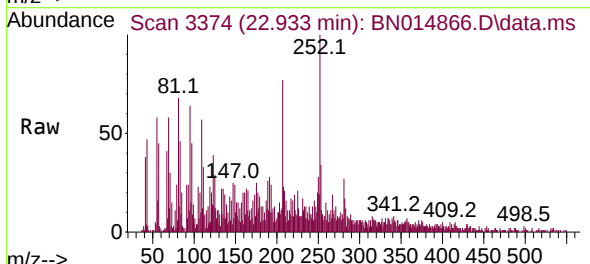
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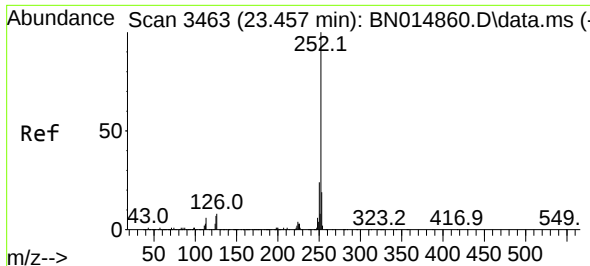
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#91
Benzo(k)fluoranthene
Concen: 1.21 ng/ul m
RT: 22.933 min Scan# 3374
Delta R.T. 0.012 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion:252 Resp: 78131
Ion Ratio Lower Upper
252 100
253 33.8 17.0 25.4#
125 28.6 4.8 7.2#





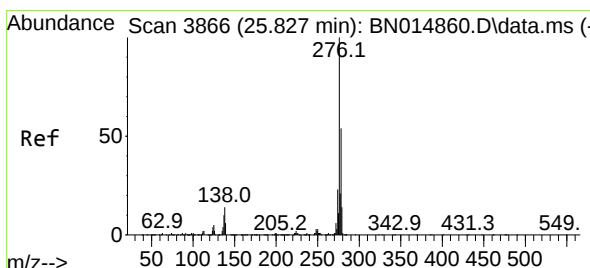
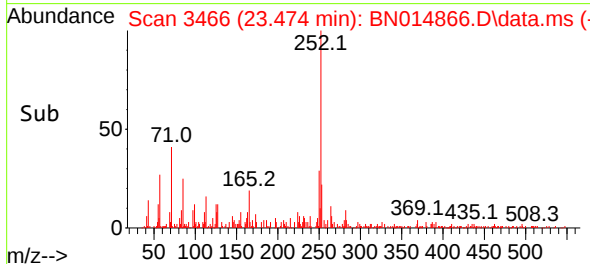
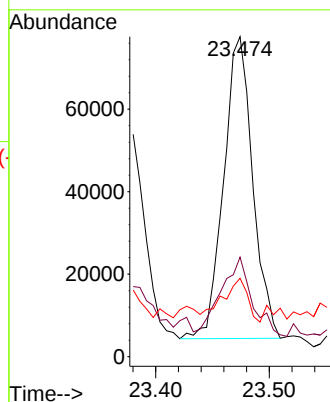
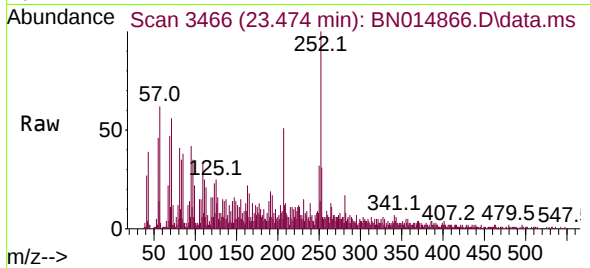
#93
Benzo(a)pyrene
Concen: 2.22 ng/ul
RT: 23.474 min Scan# 3466
Delta R.T. 0.018 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Instrument :
BNA_N
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BG5S6

Tgt Ion:252 Resp: 130142
Ion Ratio Lower Upper
252 100
253 31.1 18.8 28.2#
125 24.5 5.4 8.2#

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng/ul
RT: 25.839 min Scan# 3868
Delta R.T. 0.012 min
Lab File: BN014866.D
Acq: 10 Jun 2021 16:32

Tgt Ion:276 Resp: 83109
Ion Ratio Lower Upper
276 100
138 10.7 10.0 15.0
277 34.7 19.5 29.3#

