

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015173.D
 Acq On : 28 Jun 2021 13:34
 Operator : CG/JU
 Sample : M2680-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD73

Manual Integrations
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Quant Time: Jun 28 14:12:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	161047	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	680895	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	395639	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	786480	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	616561	20.000	ng/u1	0.01
88) Perylene-d12	23.563	264	740472	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9249	2.235	ng/uL	0.00
4) Pyridine-d5	3.675	84	91182	8.172	ng/u1	0.00
7) Phenol-d5	6.893	99	178511	12.771	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	109495	13.339	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	138158	13.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	135018	12.516	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	70250	15.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	59712	14.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	122192	12.478	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	149931	9.879	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	410975	15.127	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	531793	15.079	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	26708	5.636	ng/u1	0.00
60) Fluorene-d10	15.345	176	376356	15.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	12568	3.869	ng/u1	0.00
73) Anthracene-d10	17.198	188	566584	15.740	ng/u1	0.00
81) Pyrene-d10	19.498	212	565943	17.512	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.416	264	587446	16.070	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.546	128	124213	3.575	ng/u1	100
50) Acenaphthylene	14.069	152	240326	7.222	ng/u1	99
52) Acenaphthene	14.410	153	29161	1.246	ng/u1	97
56) Dibenzofuran	14.745	168	151824	4.617	ng/u1	95
61) Fluorene	15.398	166	146961	5.646	ng/u1	94
63) 4-Nitroaniline	15.416	138	6256	1.344	ng/u1	96
72) Phenanthrene	17.145	178	4319770	104.065	ng/u1	99
74) Anthracene	17.233	178	1623460	38.097	ng/u1	99
77) Carbazole	17.498	167	215037	5.599	ng/u1	99
80) Fluoranthene	19.175	202	7145372	183.165	ng/u1	98
82) Pyrene	19.539	202	6244997	153.590	ng/u1	99
85) Benzo(a)anthracene	21.298	228	4357403m	114.261	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.233	149	88059	3.794	ng/u1	99
87) Chrysene	21.351	228	3872071	103.109	ng/u1	97
90) Benzo(b)fluoranthene	22.904	252	4884982	109.553	ng/u1	97
91) Benzo(k)fluoranthene	22.933	252	2137677m	47.368	ng/u1	
93) Benzo(a)pyrene	23.474	252	4023948	99.286	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.833	276	2432988	49.480	ng/u1#	91
95) Dibenzo(a,h)anthracene	25.827	278	628685m	15.426	ng/u1	
96) Benzo(g,h,i)perylene	26.527	276	1880701	44.247	ng/u1	98

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

Manual Integrations

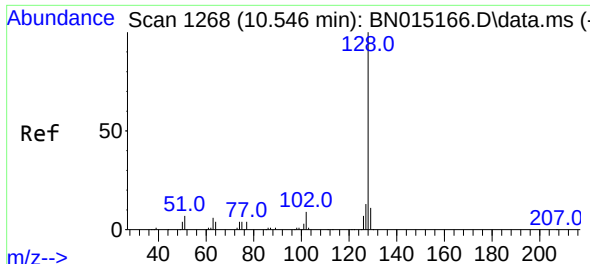
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TIC: BN015173.D\data.ms

Abundance

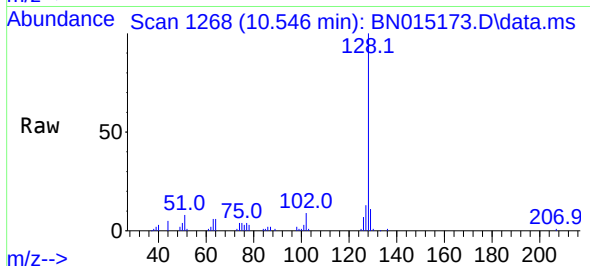
Time-->

1,4-Dioxane-d8,S
Pyridine-d5,S
Phenol-d6,S
2-Chlorophenol-d4,S
1,4-Dichlorobenzene-d4,l
4-Methylphenol-d8,S
Nitrobenzene-d5,S
2-Nitrophenol-d4,S
2,4-Dichlorophenol-d3,S
Naphthalene-d8,l
Dimethylphthalate-d6,S
Acenaphthylene-d8,S
Acenaphthene-d8,S
Acenaphthene-d10,l
Dibenzofuran
4-Ethylphenol-d10,S
Anthracene-d10,l
Anthracene-d12,S
Carbazole
Phenanthrene
Pyrene-d10,S
Pyrene
Fluoranthene
Benzo(a)anthracene
Chrysene
Bis(2-ethylhexyl)phthalate
Benzo(k)fluoranthene
Benzo(a)pyrene-d12,l
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(a)pyrene,C
Dibenzodioxane
Dibenzofuran
Dibenzoperylene
Benzo(g,h,i)perylene



#30
Naphthalene
Concen: 3.575 ng/u1
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

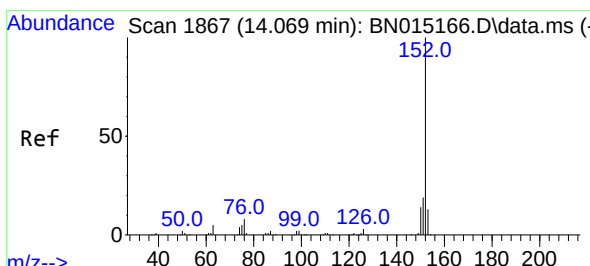
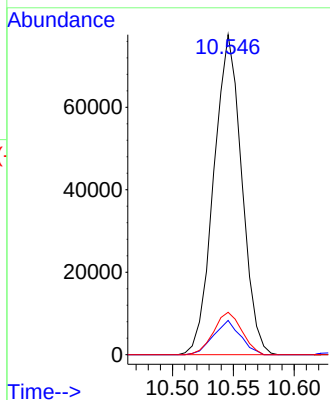
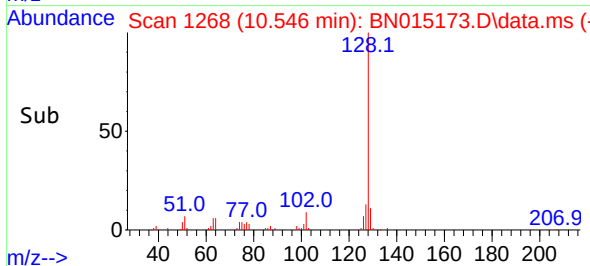
Instrument :
BNA_N
ClientSampled :
BGD73



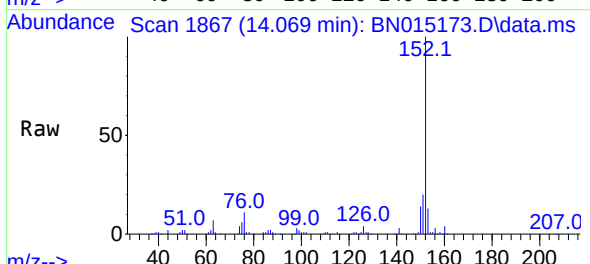
Tgt Ion:128 Resp: 124213
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.3 10.6 16.0

Manual Integrations
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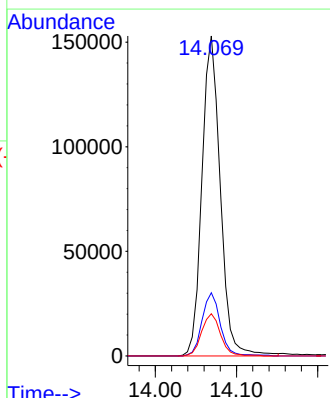
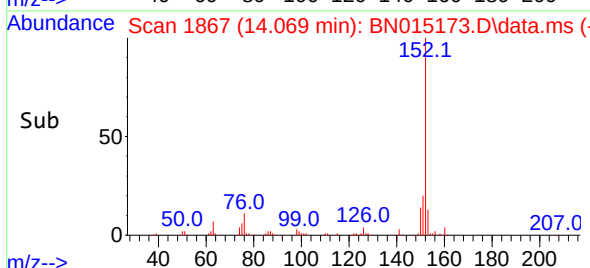
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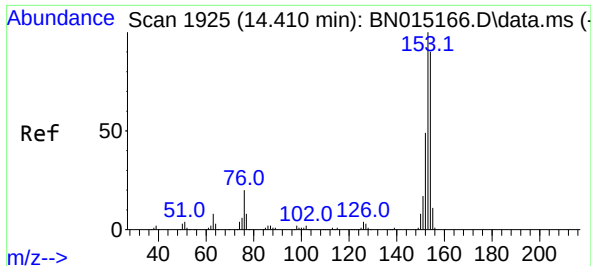


#50
Acenaphthylene
Concen: 7.222 ng/u1
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34



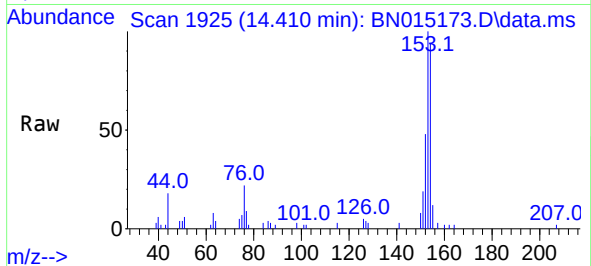
Tgt Ion:152 Resp: 240326
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.0 15.0





#52
Acenaphthene
Concen: 1.246 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

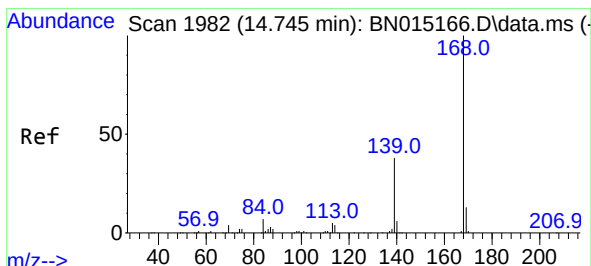
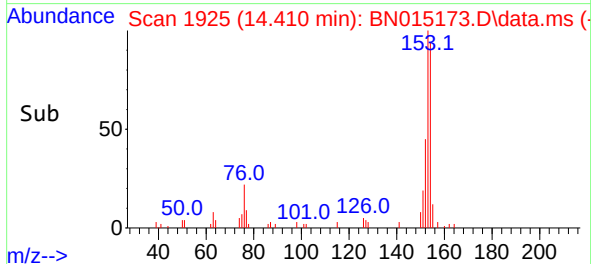
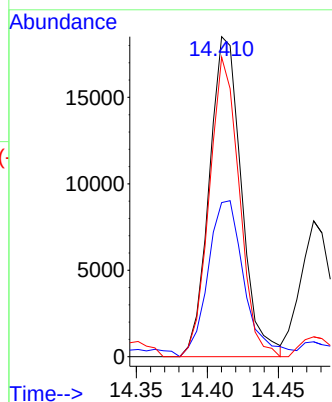
Instrument :
BNA_N
ClientSampled :
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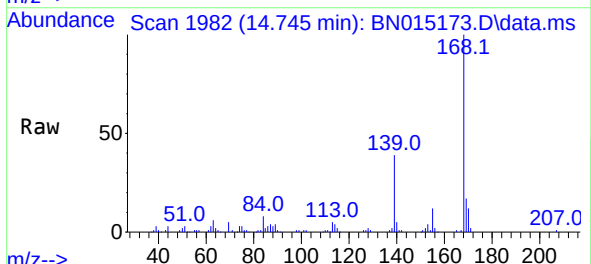
Tgt Ion:153 Resp: 29161
Ion Ratio Lower Upper
153 100
152 48.2 37.6 56.4
154 93.6 71.6 107.4

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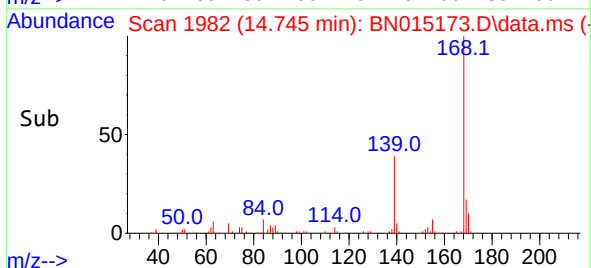
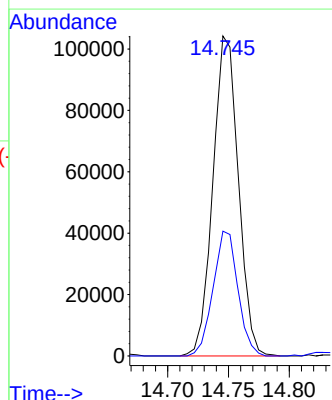
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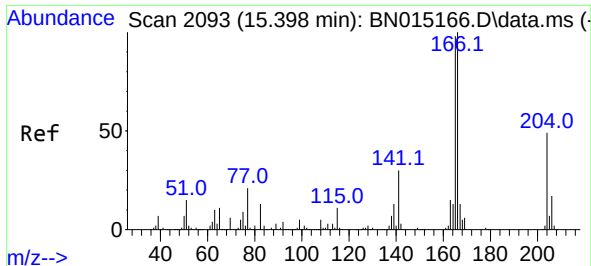


#56
Dibenzofuran
Concen: 4.617 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34



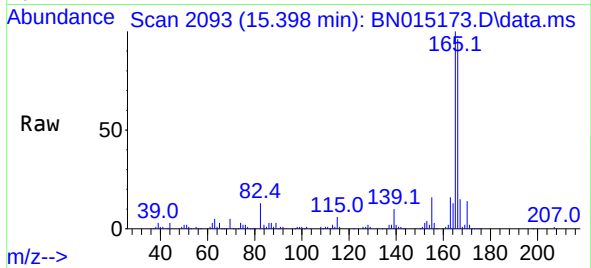
Tgt Ion:168 Resp: 151824
Ion Ratio Lower Upper
168 100
139 39.0 29.0 43.4





#61
Fluorene
Concen: 5.646 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

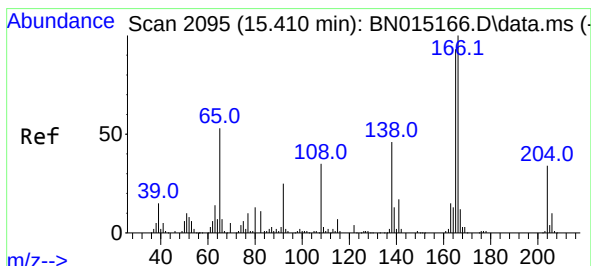
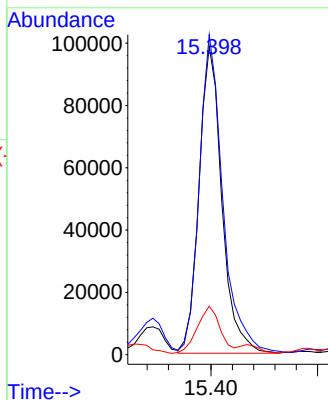
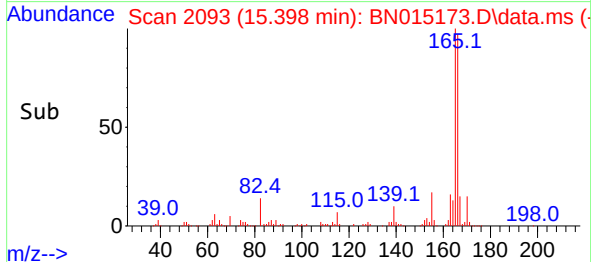
Instrument :
BNA_N
ClientSampled :
BGD73



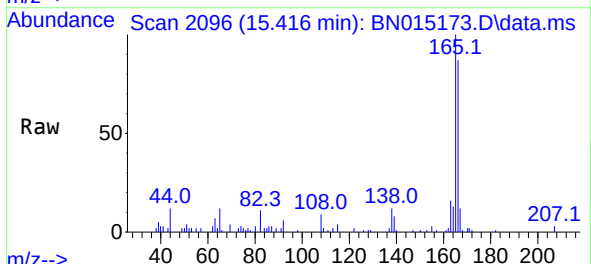
Tgt Ion:166 Resp: 146961
Ion Ratio Lower Upper
166 100
165 103.8 78.2 117.4
167 15.7 11.0 16.4

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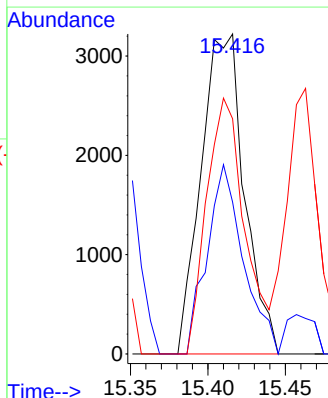
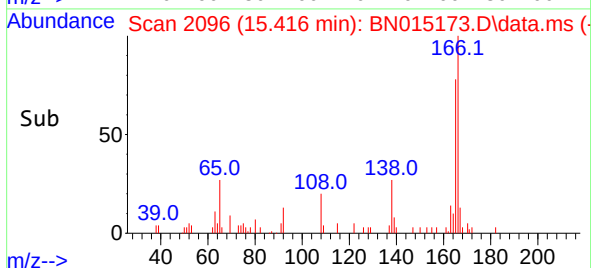
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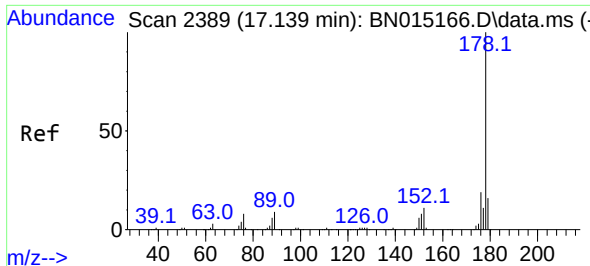


#63
4-Nitroaniline
Concen: 1.344 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34



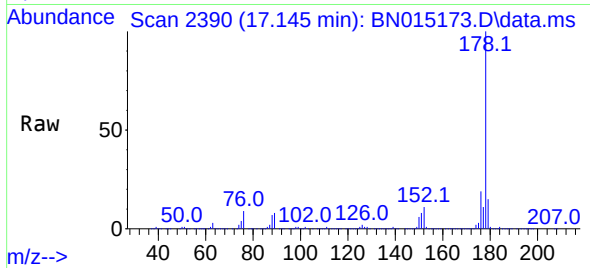
Tgt Ion:138 Resp: 6256
Ion Ratio Lower Upper
138 100
92 47.5 41.3 61.9
108 73.5 56.8 85.2





#72
Phenanthrene
Concen: 104.065 ng/u1
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

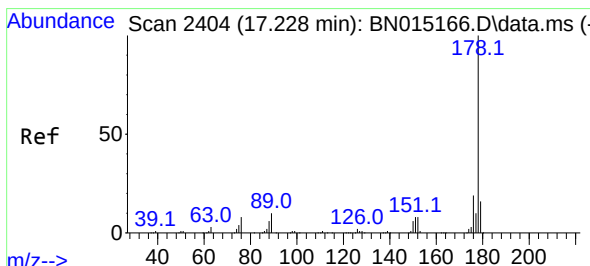
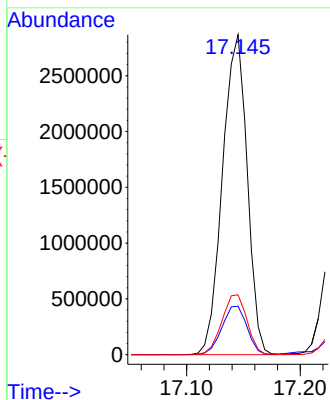
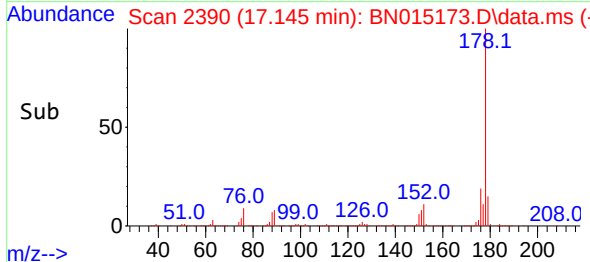
Instrument :
BNA_N
ClientSampled :
BGD73



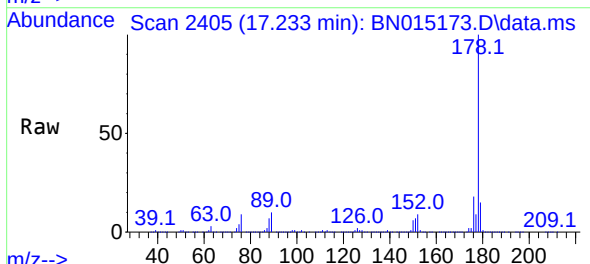
Tgt Ion:178 Resp: 4319770
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.7 15.4 23.2

Manual Integrations
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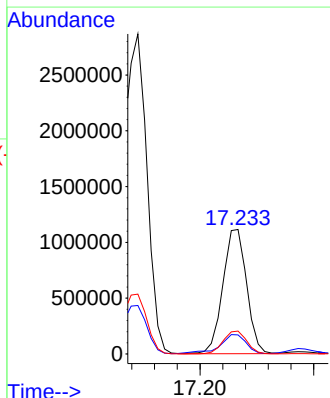
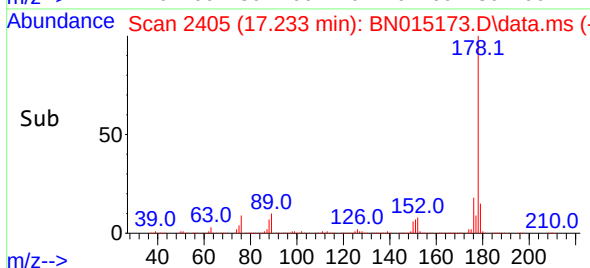
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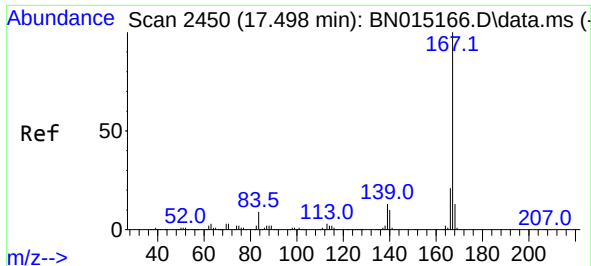


#74
Anthracene
Concen: 38.097 ng/u1
RT: 17.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34



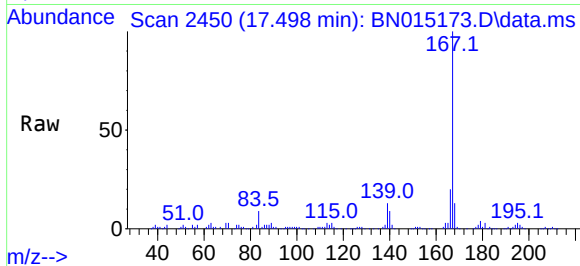
Tgt Ion:178 Resp: 1623460
Ion Ratio Lower Upper
178 100
179 15.3 11.6 17.4
176 18.3 14.6 21.8





#77
 Carbazole
 Concen: 5.599 ng/u1
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015173.D
 Acq: 28 Jun 2021 13:34

Instrument :
 BNA_N
 ClientSampled :
 BGD73

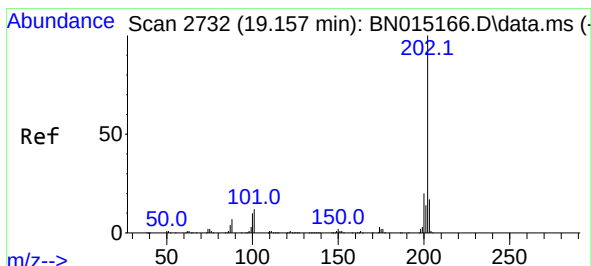
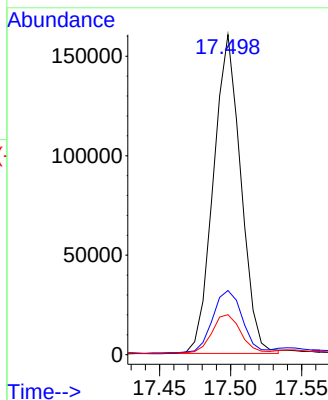
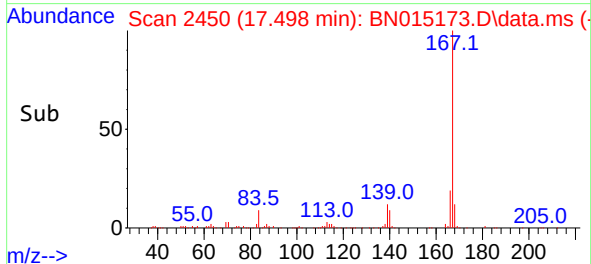


Tgt Ion:167 Resp: 215037

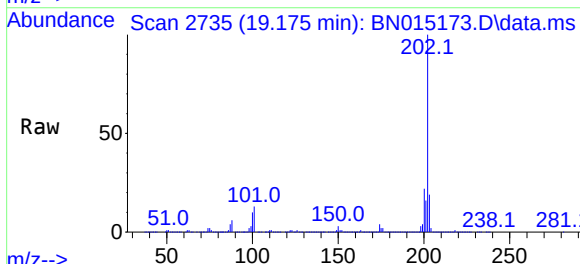
Ion	Ratio	Lower	Upper
167	100		
166	20.1	16.4	24.6
139	12.5	10.0	15.0

Manual Integrations
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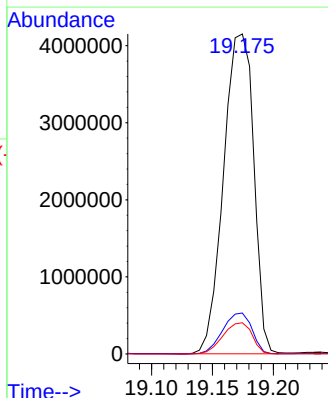
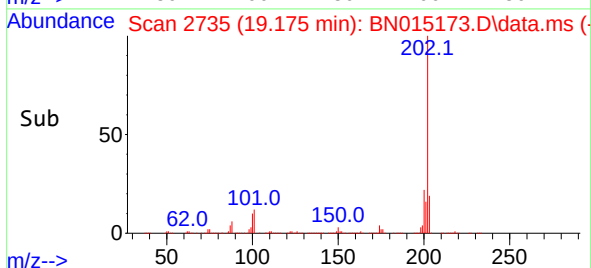


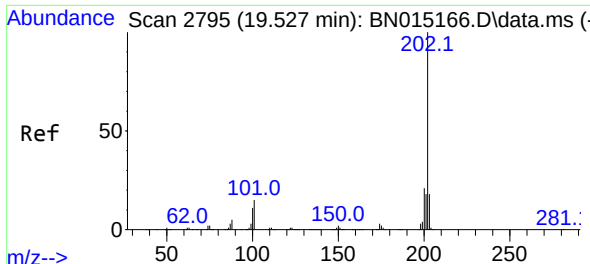
#80
 Fluoranthene
 Concen: 183.165 ng/u1
 RT: 19.175 min Scan# 2735
 Delta R.T. 0.012 min
 Lab File: BN015173.D
 Acq: 28 Jun 2021 13:34



Tgt Ion:202 Resp: 7145372

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	9.7	7.4	11.2





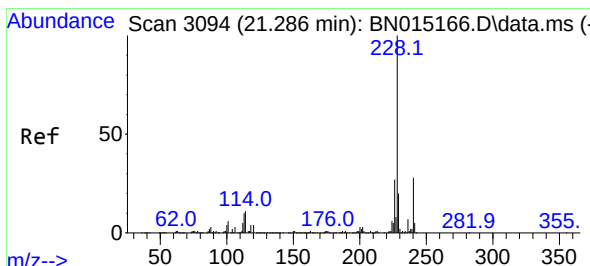
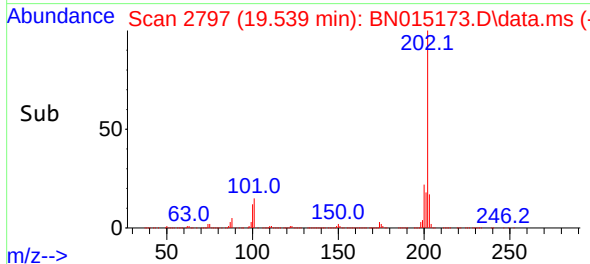
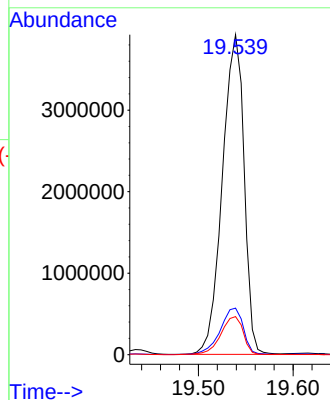
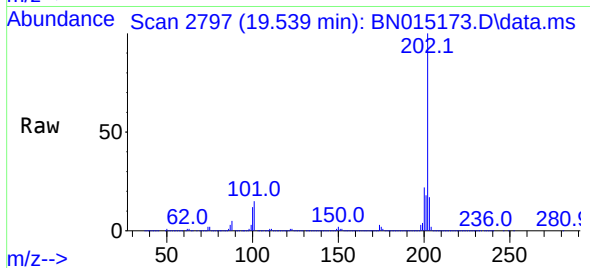
#82
Pyrene
Concen: 153.590 ng/ul
RT: 19.539 min Scan# 2797
Delta R.T. 0.012 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:202 Resp: 6244997
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 11.9 9.2 13.8

Instrument :
BNA_N
ClientSampled :
BGD73

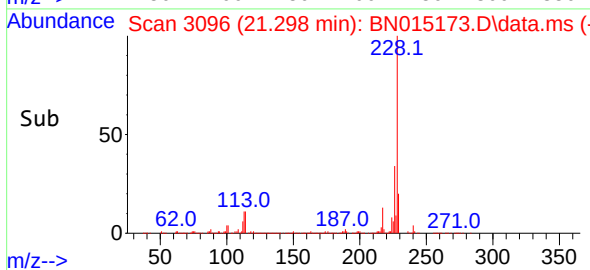
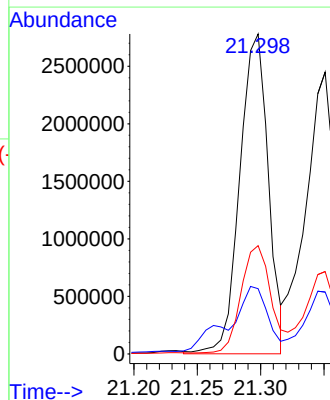
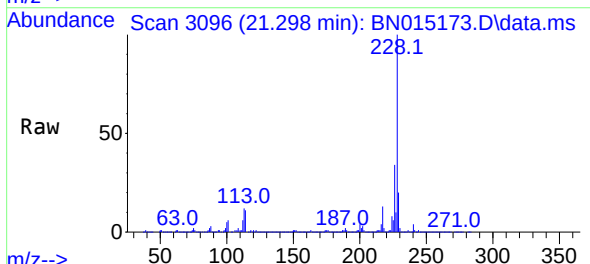
Manual Integrations
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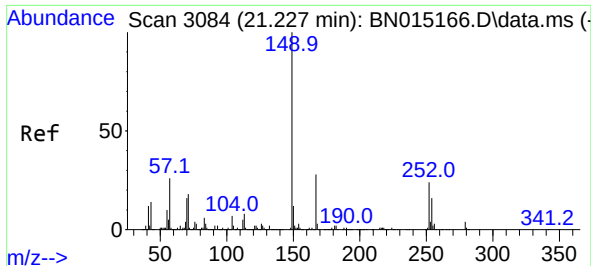
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#85
Benzo(a)anthracene
Concen: 114.261 ng/ul m
RT: 21.298 min Scan# 3096
Delta R.T. 0.012 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:228 Resp: 4357403
Ion Ratio Lower Upper
228 100
229 20.4 14.8 22.2
226 33.9 20.2 30.4#





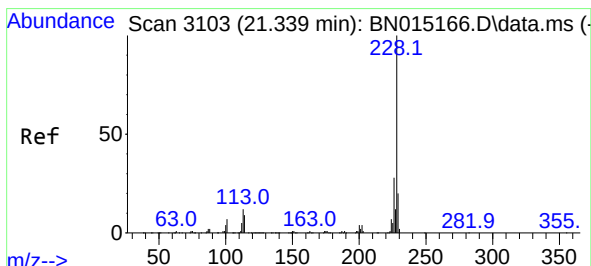
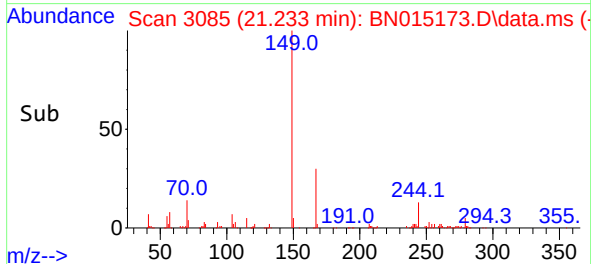
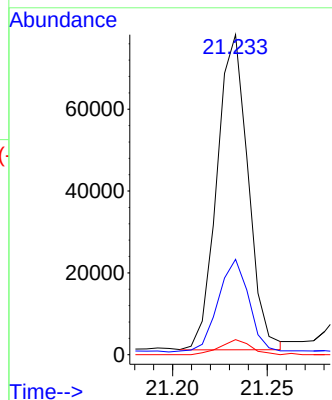
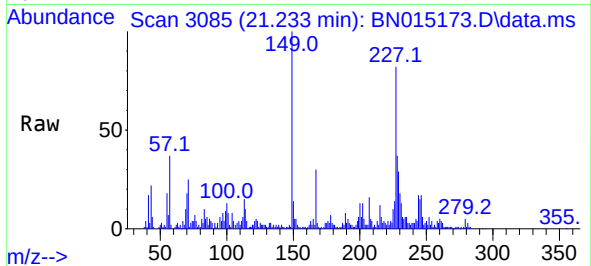
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.794 ng/ul
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:149 Resp: 88059
Ion Ratio Lower Upper
149 100
167 29.8 23.4 35.0
279 4.7 3.4 5.2

Instrument :
BNA_N
ClientSampled :
BGD73

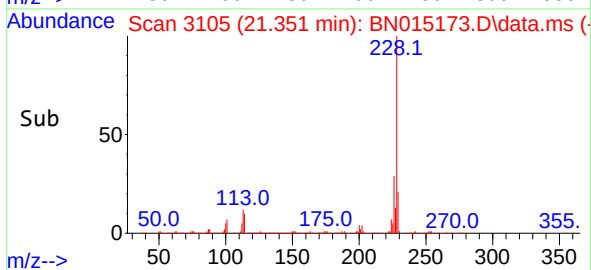
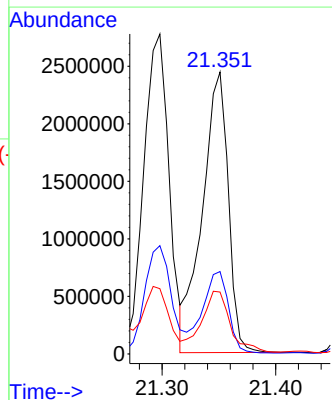
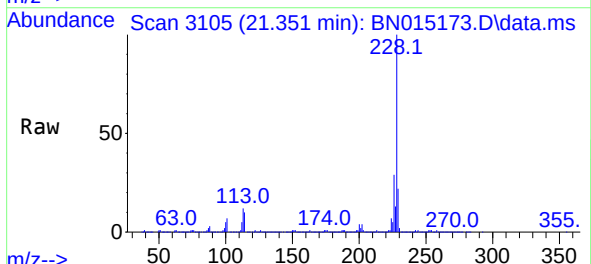
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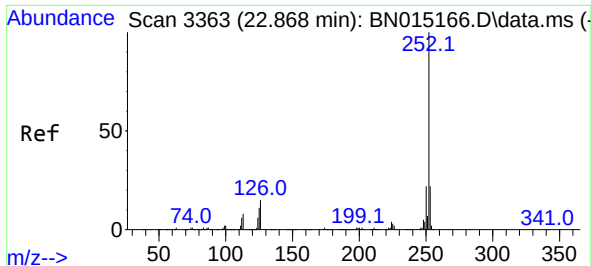
mohammad
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#87
Chrysene
Concen: 103.109 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. 0.018 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:228 Resp: 3872071
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 22.0 15.5 23.3





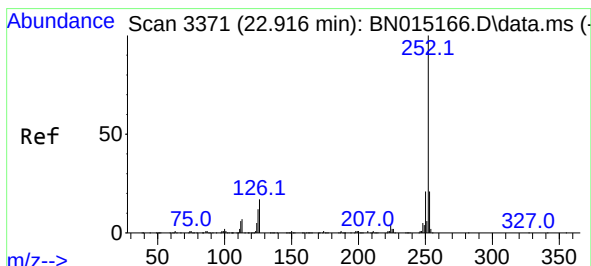
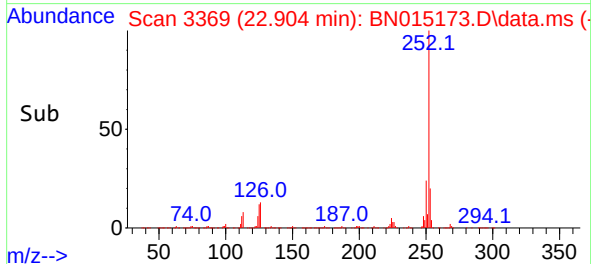
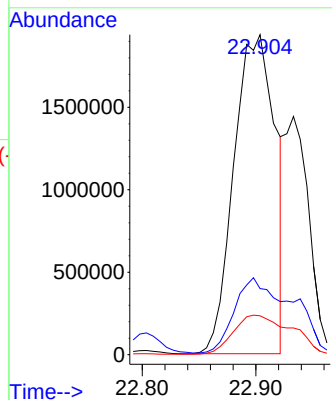
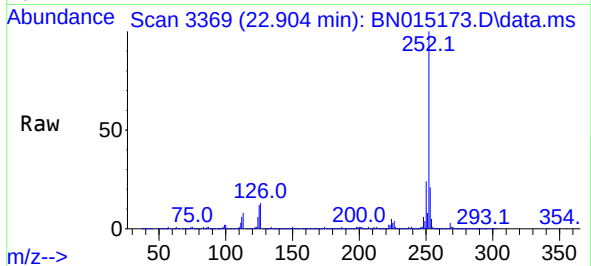
#90
Benzo(b)fluoranthene
Concen: 109.553 ng/ul
RT: 22.904 min Scan# 3369
Delta R.T. 0.035 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:252 Resp: 4884982
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 12.1 9.4 14.0

Instrument :
BNA_N
ClientSampleId :
BGD73

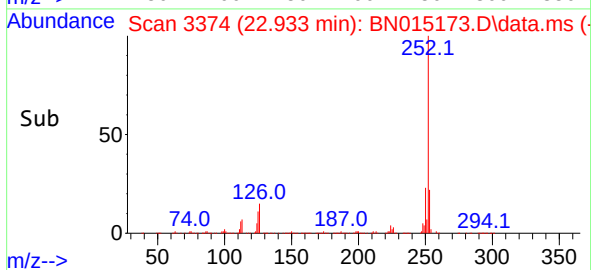
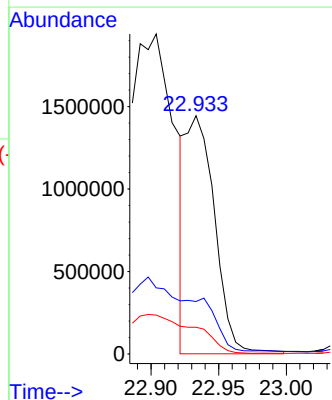
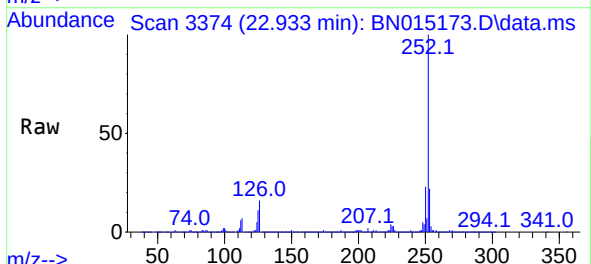
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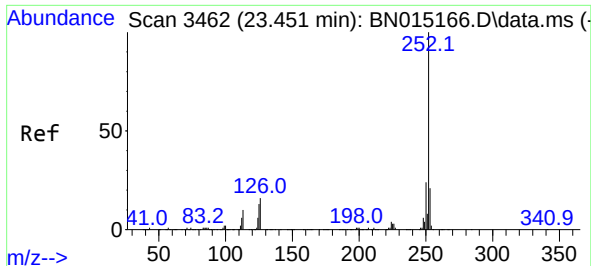
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#91
Benzo(k)fluoranthene
Concen: 47.368 ng/ul m
RT: 22.933 min Scan# 3374
Delta R.T. 0.018 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

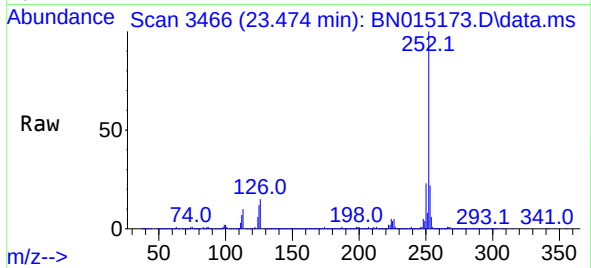
Tgt Ion:252 Resp: 2137677
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.2 8.8 13.2





#93
Benzo(a)pyrene
Concen: 99.286 ng/ul
RT: 23.474 min Scan# 3466
Delta R.T. 0.029 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

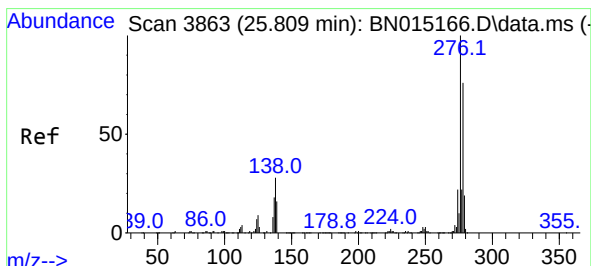
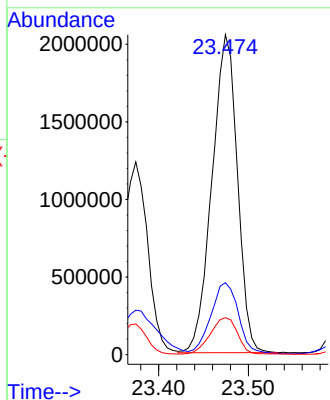
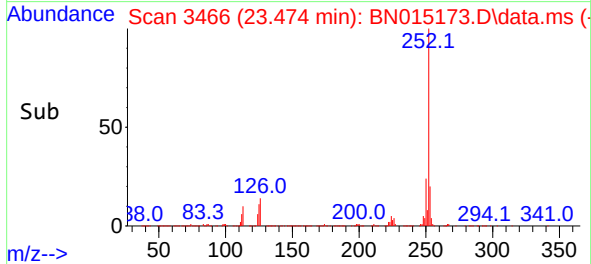
Instrument :
BNA_N
ClientSampled :
BGD73



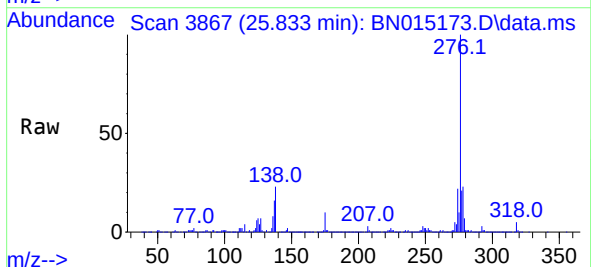
Tgt Ion:252 Resp: 4023948
Ion Ratio Lower Upper
252 100
253 22.5 16.4 24.6
125 11.6 9.3 13.9

Manual Integrations
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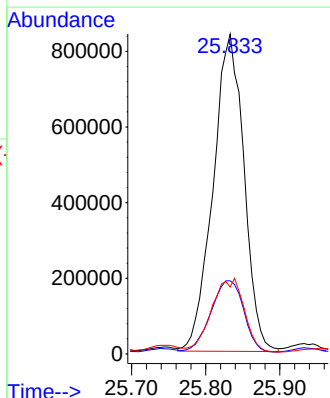
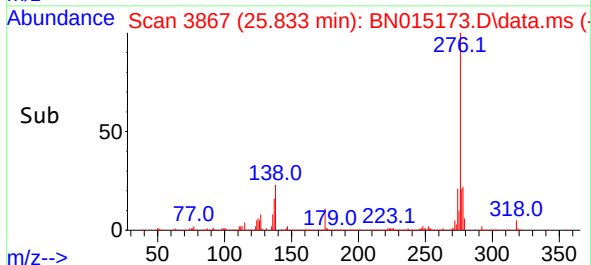
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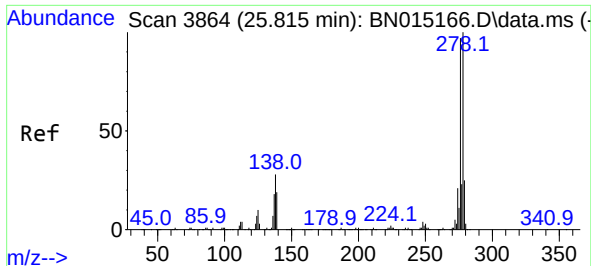


#94
Indeno(1,2,3-cd)pyrene
Concen: 49.480 ng/ul
RT: 25.833 min Scan# 3867
Delta R.T. 0.029 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34



Tgt Ion:276 Resp: 2432988
Ion Ratio Lower Upper
276 100
138 22.9 23.0 34.4#
277 20.9 19.5 29.3





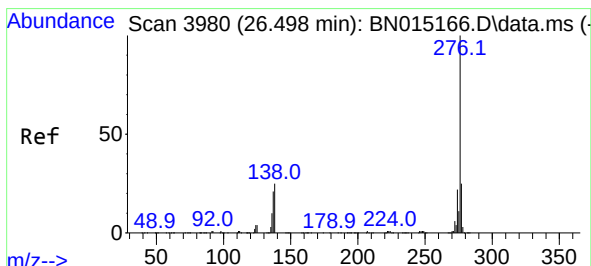
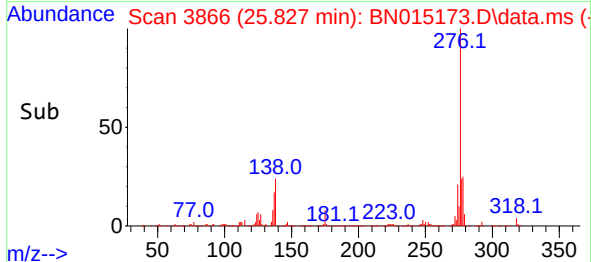
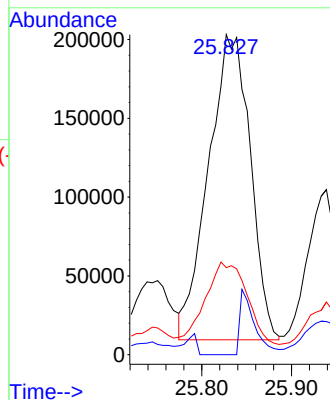
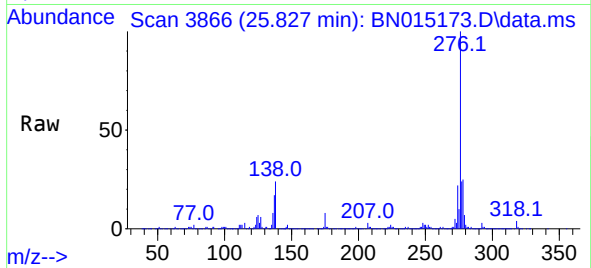
#95
Dibenzo(a,h)anthracene
Concen: 15.426 ng/ul m
RT: 25.827 min Scan# 3866
Delta R.T. 0.006 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:278 Resp: 628685
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 27.2 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
BGD73

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 44.247 ng/ul
RT: 26.527 min Scan# 3985
Delta R.T. 0.029 min
Lab File: BN015173.D
Acq: 28 Jun 2021 13:34

Tgt Ion:276 Resp: 1880701
Ion Ratio Lower Upper
276 100
138 22.4 19.4 29.2
277 23.5 18.4 27.6

