

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015179.D
 Acq On : 28 Jun 2021 17:12
 Operator : CG/JU
 Sample : M2680-07DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD3DL

Manual Integrations
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Quant Time: Jun 28 17:44:19 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	148285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	617357	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	369021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	762106	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	670427	20.000	ng/u1	0.01
88) Perylene-d12	23.557	264	776357	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1431	0.375	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	28687	2.229	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	16769	2.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	22169	2.272	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	21738	2.188	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	10745	2.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	9094	2.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	19792	2.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	21718	1.578	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	65360	2.579	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	83655	2.543	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	4136	0.936	ng/u1	0.00
60) Fluorene-d10	15.345	176	59814	2.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	987	0.314	ng/u1	0.00
73) Anthracene-d10	17.198	188	96159	2.757	ng/u1	0.00
81) Pyrene-d10	19.504	212	103197	2.937	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.416	264	106258	2.772	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.546	128	78349	2.487	ng/u1	98
43) 1,1'-Biphenyl	13.181	154	26720	1.003	ng/u1	99
50) Acenaphthylene	14.069	152	291691	9.397	ng/u1	98
52) Acenaphthene	14.416	153	128767	5.897	ng/u1	98
56) Dibenzofuran	14.751	168	244050	7.957	ng/u1	96
61) Fluorene	15.398	166	372570	15.345	ng/u1	100
72) Phenanthrene	17.145	178	2842635	70.670	ng/u1	99
74) Anthracene	17.234	178	1869903	45.283	ng/u1	98
77) Carbazole	17.498	167	61263	1.646	ng/u1	97
80) Fluoranthene	19.169	202	4423477	104.281	ng/u1	98
82) Pyrene	19.533	202	3606899	81.581	ng/u1	100
85) Benzo(a)anthracene	21.292	228	1927114	46.473	ng/u1#	87
87) Chrysene	21.345	228	1512260	37.034	ng/u1	94
90) Benzo(b)fluoranthene	22.886	252	1824786	39.032	ng/u1	100
91) Benzo(k)fluoranthene	22.927	252	634085m	13.401	ng/u1	
93) Benzo(a)pyrene	23.463	252	1516967	35.699	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	25.815	276	802965	15.575	ng/u1	93
95) Dibenzo(a,h)anthracene	25.821	278	211838m	4.958	ng/u1	
96) Benzo(g,h,i)perylene	26.515	276	644206	14.456	ng/u1	98

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

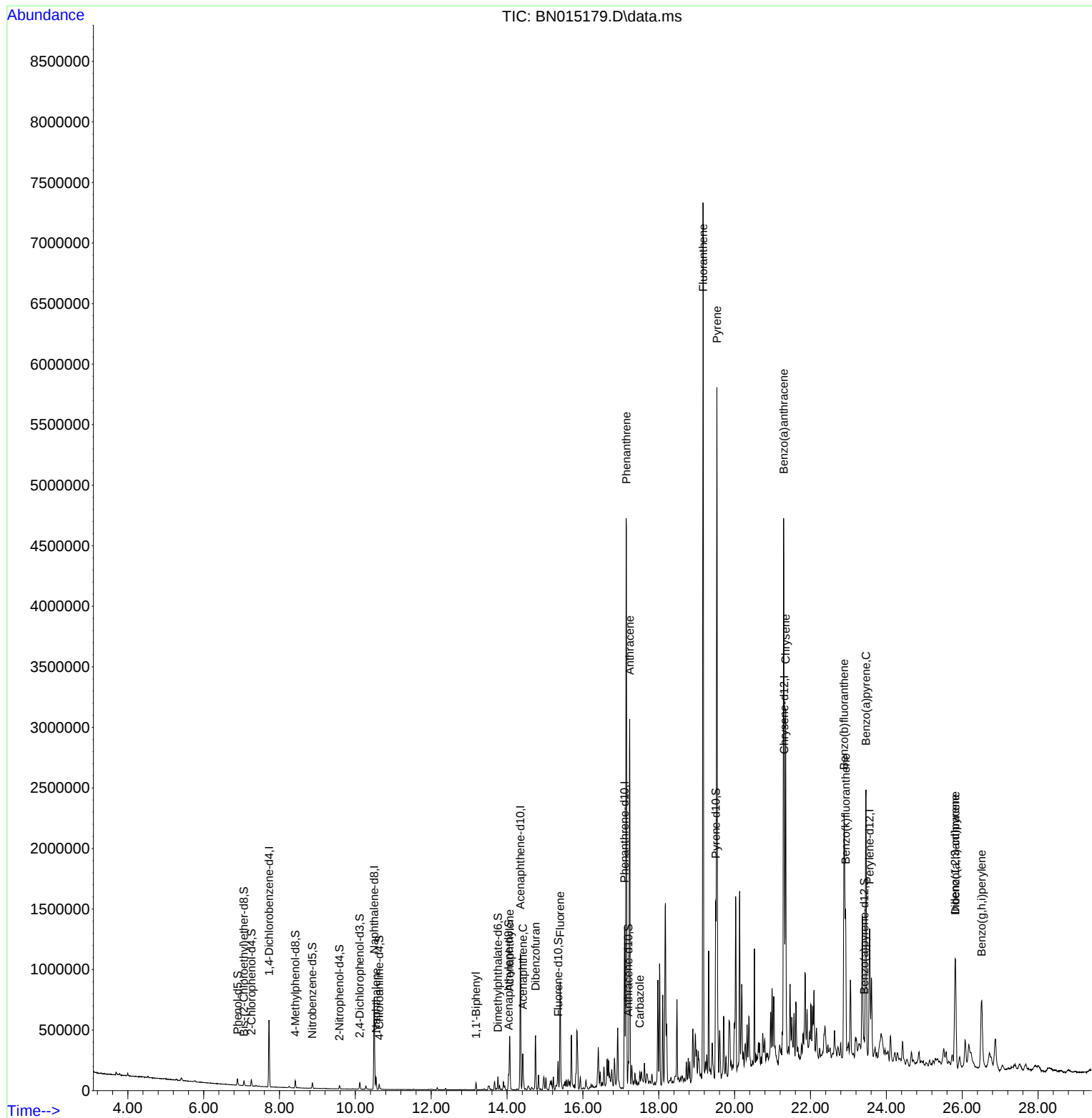
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Data File : BN015179.D
Acq On : 28 Jun 2021 17:12
Operator : CG/JU
Sample : M2680-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

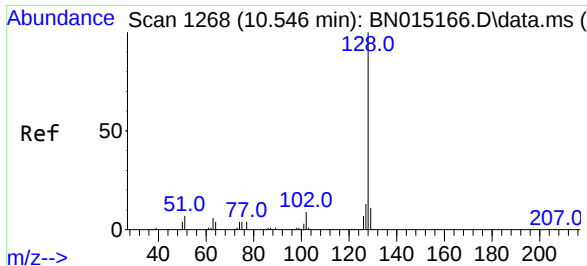
Instrument :
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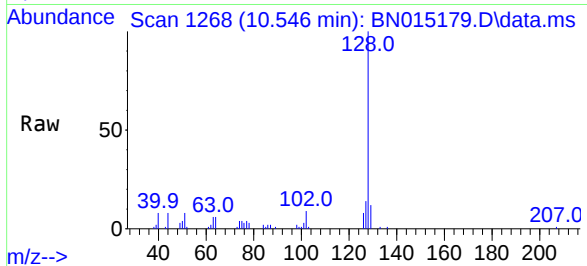
Quant Time: Jun 28 17:44:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.487 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

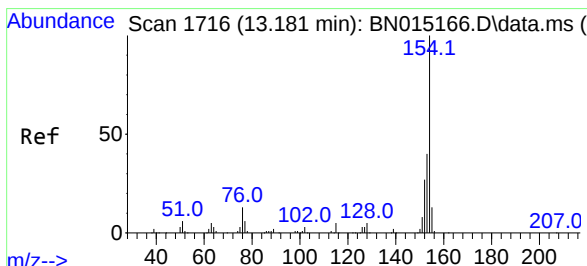
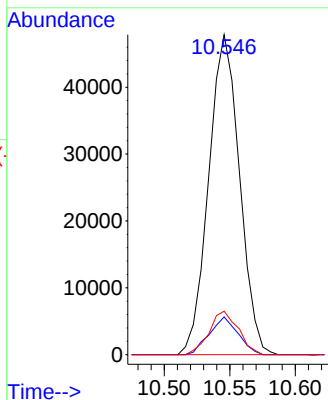
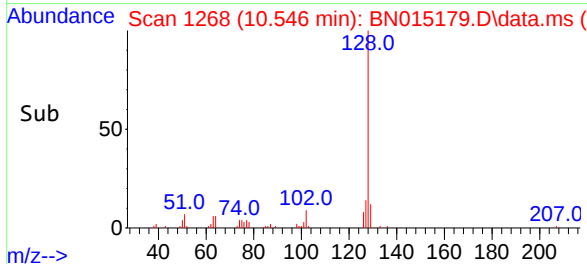
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BNA_N
ClientSampleId :
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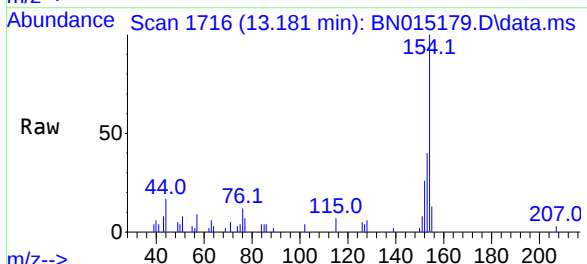
Tgt Ion:128 Resp: 78349
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.6 10.6 16.0

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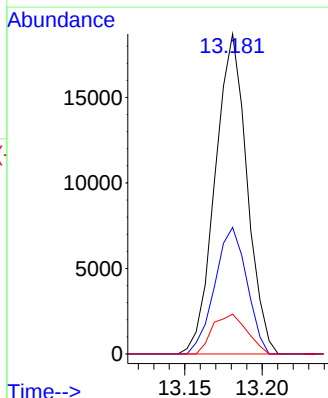
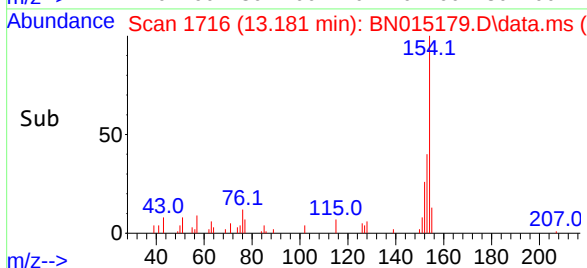
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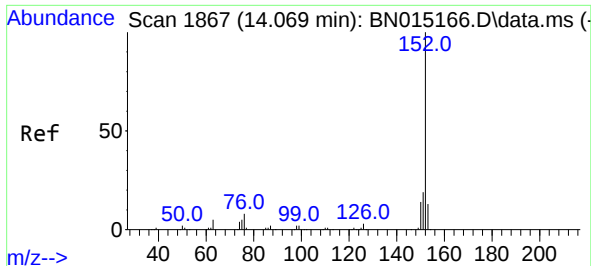


#43
1,1'-Biphenyl
Concen: 1.003 ng/ul
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12



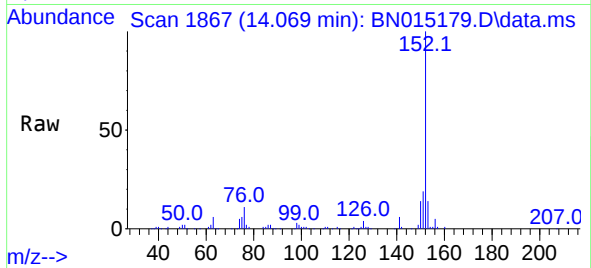
Tgt Ion:154 Resp: 26720
Ion Ratio Lower Upper
154 100
153 39.5 31.4 47.2
76 12.4 10.7 16.1





#50
Acenaphthylene
Concen: 9.397 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

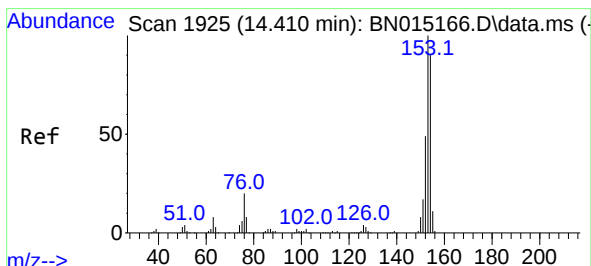
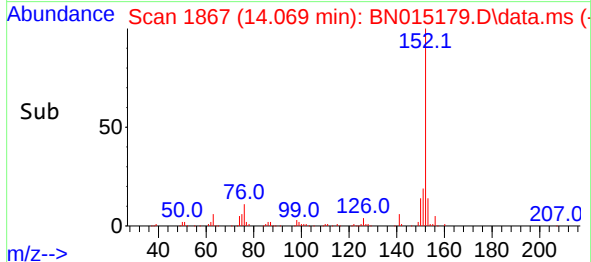
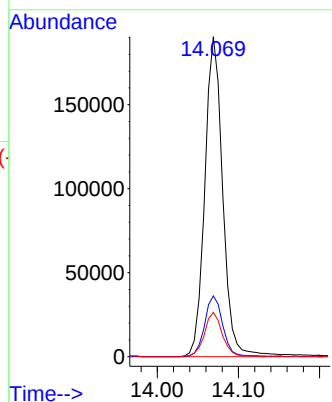
Instrument :
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ClientSampleId :
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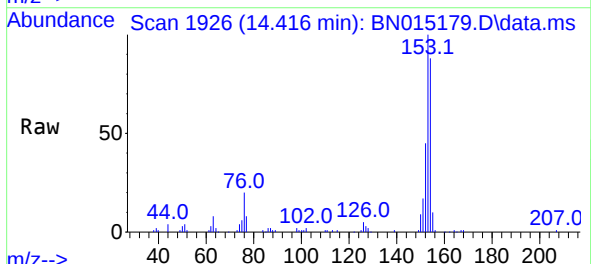
Tgt Ion:152 Resp: 291691
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 13.8 10.0 15.0

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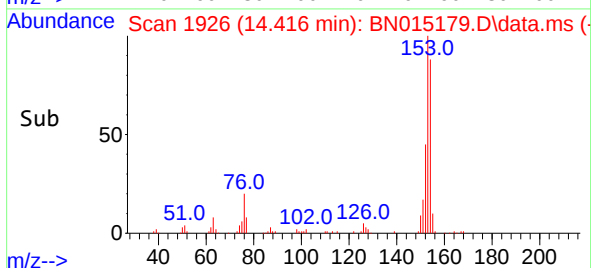
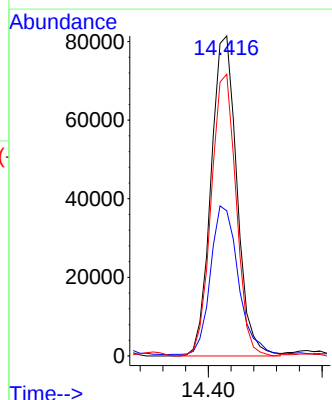
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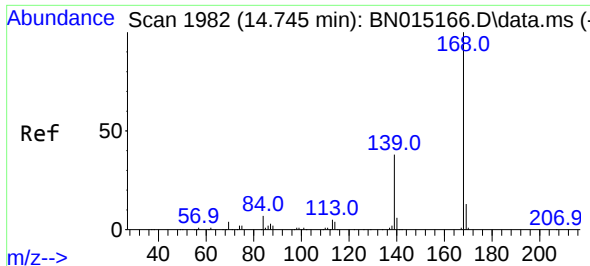


#52
Acenaphthene
Concen: 5.897 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12



Tgt Ion:153 Resp: 128767
Ion Ratio Lower Upper
153 100
152 45.3 37.6 56.4
154 88.0 71.6 107.4





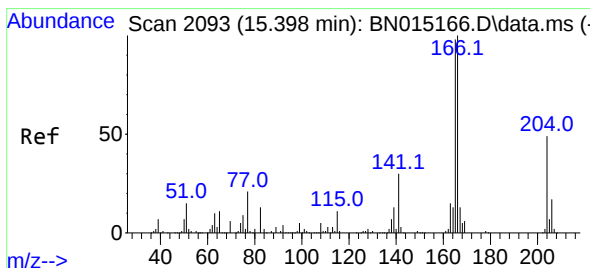
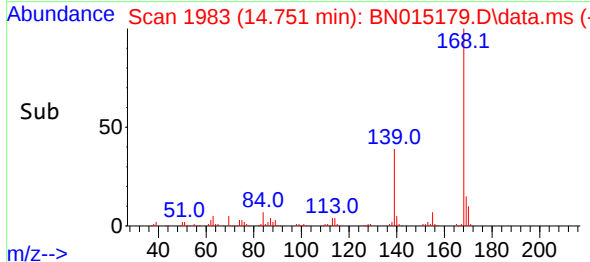
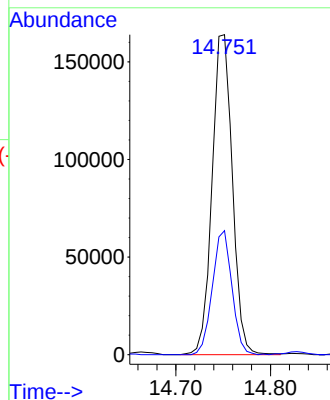
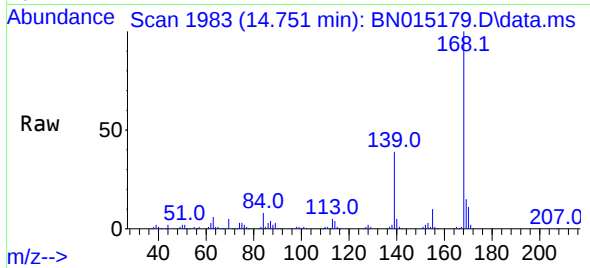
#56
Dibenzofuran
Concen: 7.957 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:168 Resp: 244050
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.4

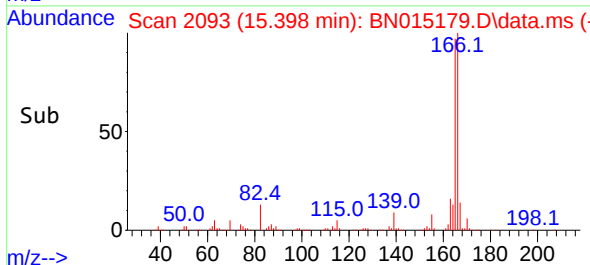
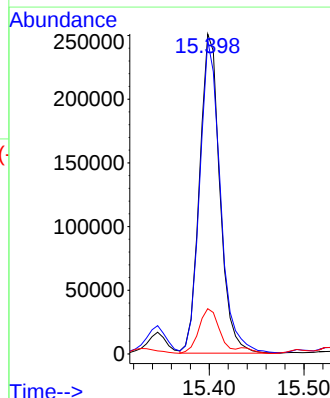
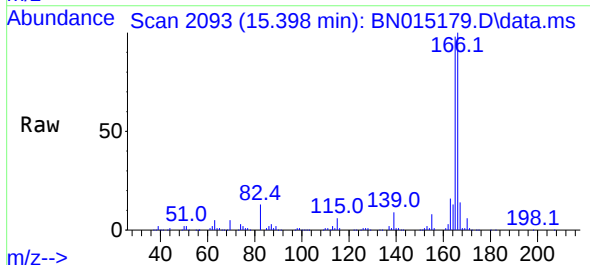
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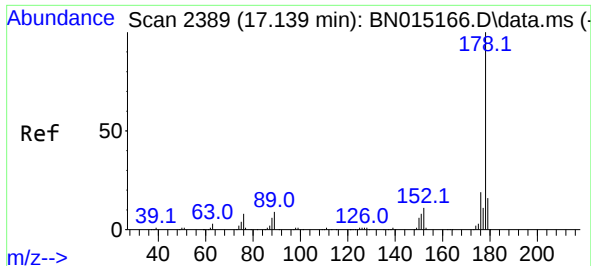
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#61
Fluorene
Concen: 15.345 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

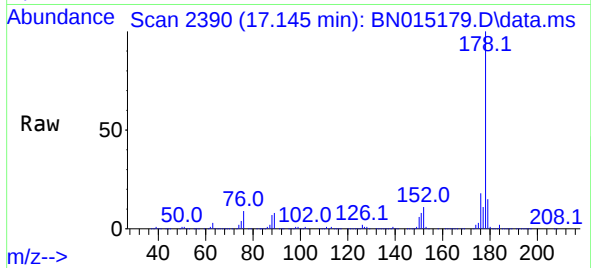
Tgt Ion:166 Resp: 372570
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 14.2 11.0 16.4





#72
Phenanthrene
Concen: 70.670 ng/u1
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

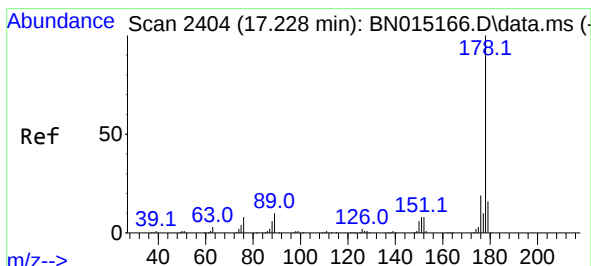
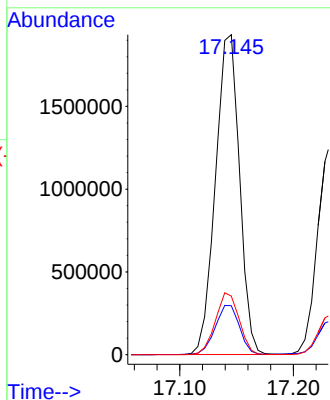
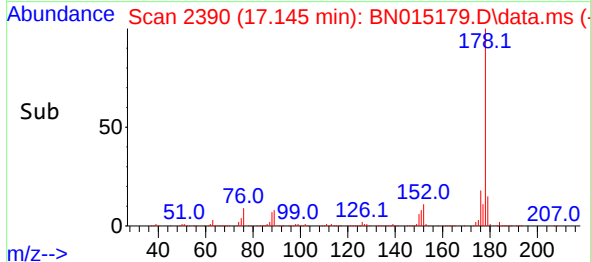
Instrument :
BNA_N
ClientSampleID :
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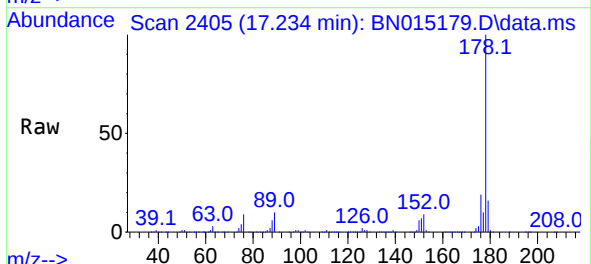
Tgt Ion:178 Resp: 2842635
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 18.3 15.4 23.2

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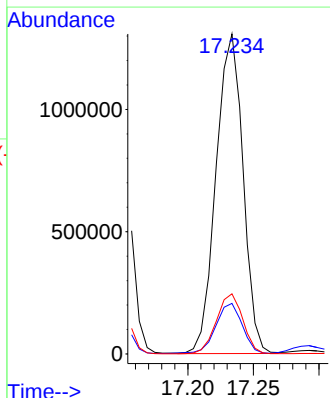
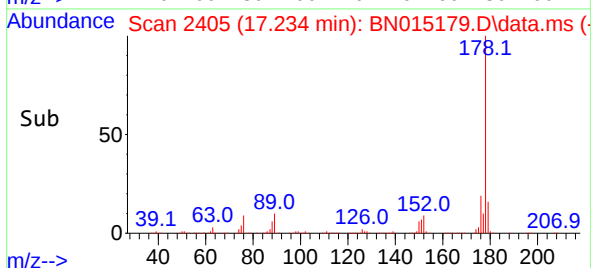
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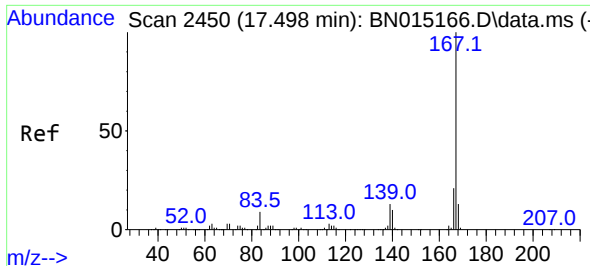


#74
Anthracene
Concen: 45.283 ng/u1
RT: 17.234 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12



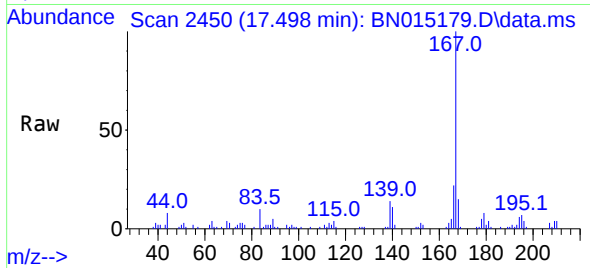
Tgt Ion:178 Resp: 1869903
Ion Ratio Lower Upper
178 100
179 15.8 11.6 17.4
176 18.8 14.6 21.8





#77
 Carbazole
 Concen: 1.646 ng/ul
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015179.D
 Acq: 28 Jun 2021 17:12

Instrument :
 BNA_N
 ClientSampleID :
 BGDD3DL

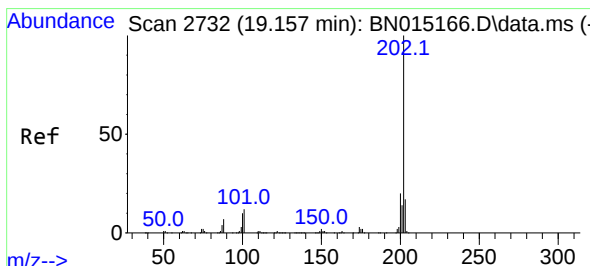
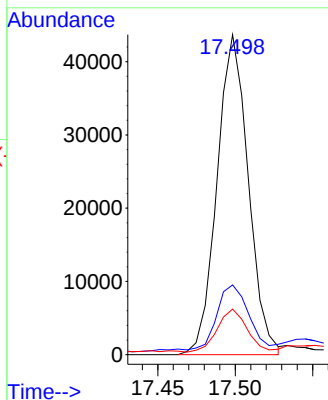
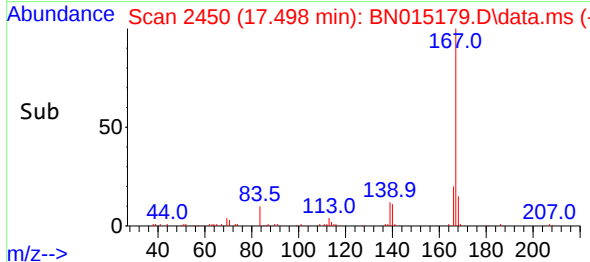


Tgt Ion:167 Resp: 61263

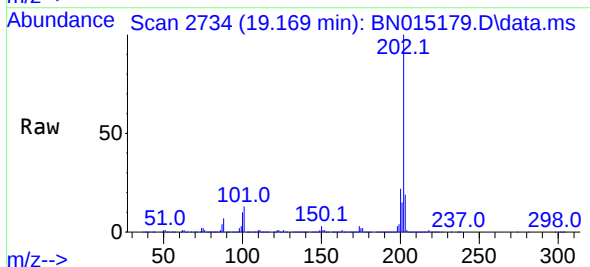
Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.4	24.6
139	14.2	10.0	15.0

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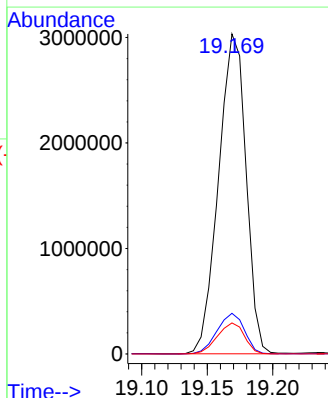
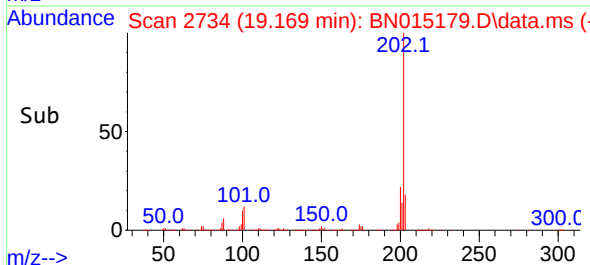


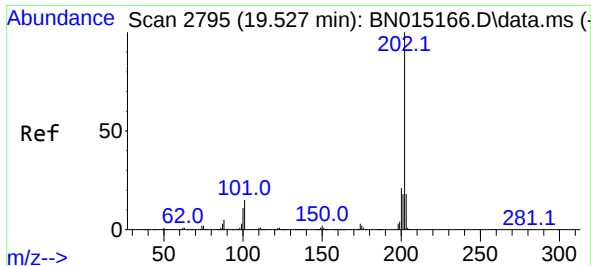
#80
 Fluoranthene
 Concen: 104.281 ng/ul
 RT: 19.169 min Scan# 2734
 Delta R.T. 0.006 min
 Lab File: BN015179.D
 Acq: 28 Jun 2021 17:12



Tgt Ion:202 Resp: 4423477

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.5	14.3
100	9.7	7.4	11.2





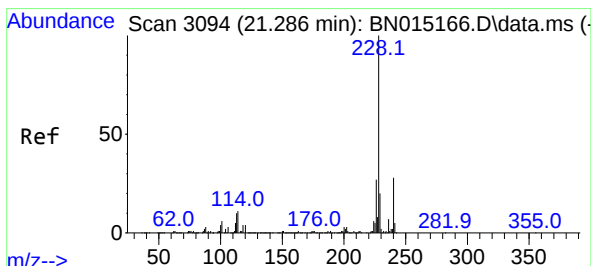
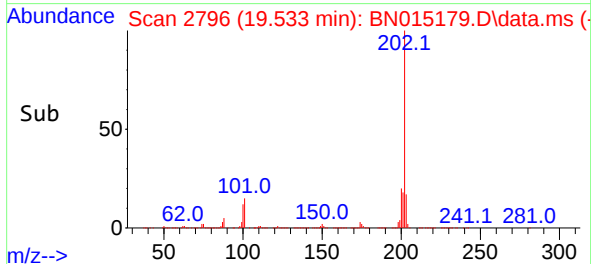
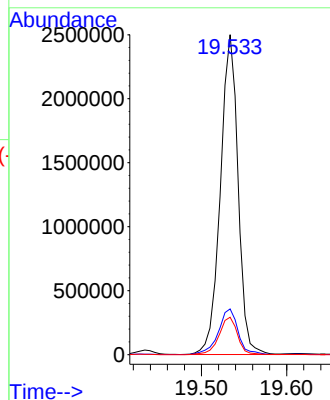
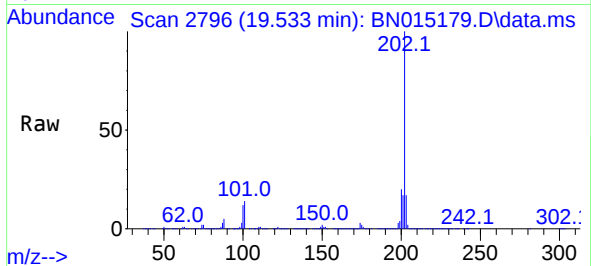
#82
Pyrene
Concen: 81.581 ng/ul
RT: 19.533 min Scan# 2796
Delta R.T. 0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:202 Resp: 3606899
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.7 9.2 13.8

Instrument :
BNA_N
ClientSampleId :
BGDD3DL

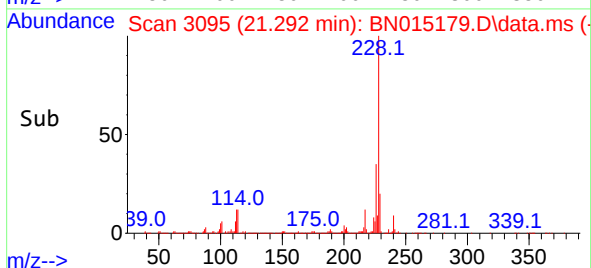
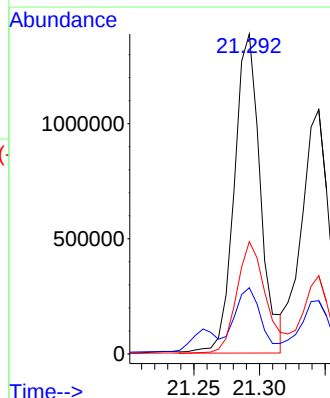
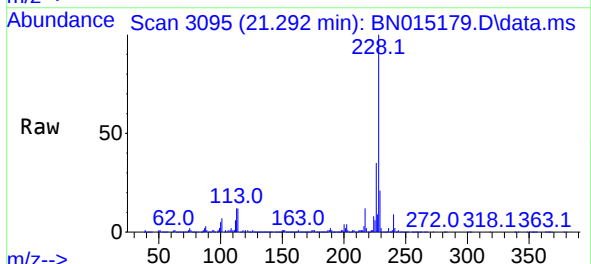
Manual Integrations
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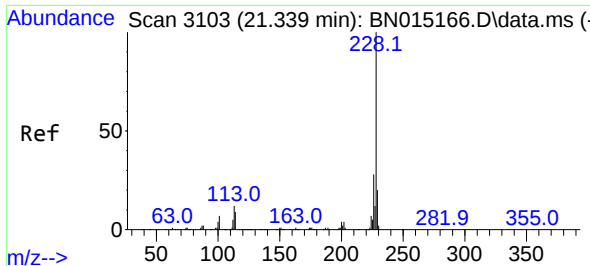
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#85
Benzo(a)anthracene
Concen: 46.473 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:228 Resp: 1927114
Ion Ratio Lower Upper
228 100
229 20.7 14.8 22.2
226 35.1 20.2 30.4#





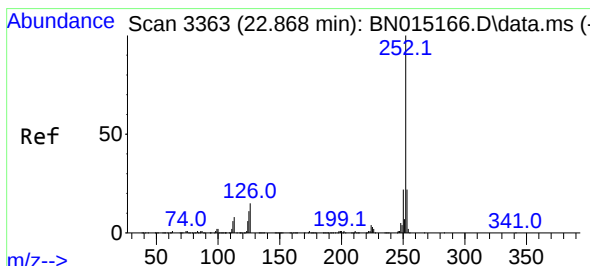
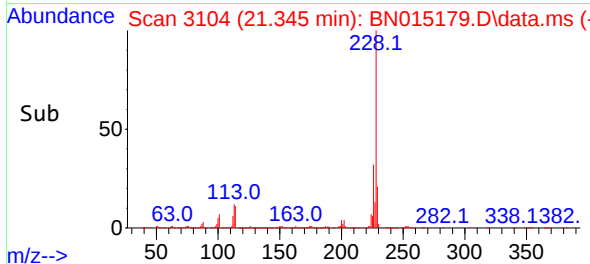
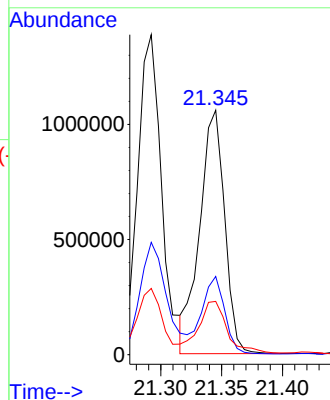
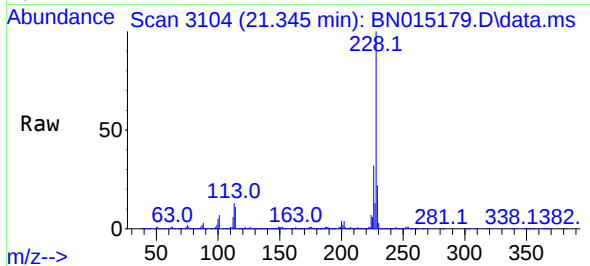
#87
Chrysene
Concen: 37.034 ng/u1
RT: 21.345 min Scan# 3104
Delta R.T. 0.012 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:228 Resp: 1512260
Ion Ratio Lower Upper
228 100
226 32.0 22.6 33.8
229 21.8 15.5 23.3

Instrument :
BNA_N
ClientSampleId :
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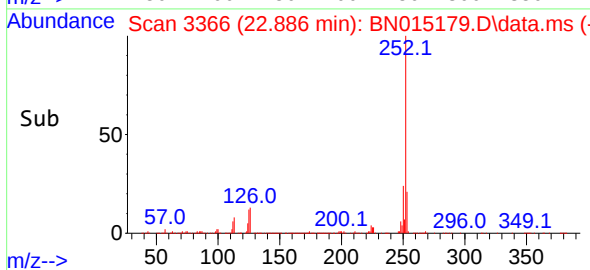
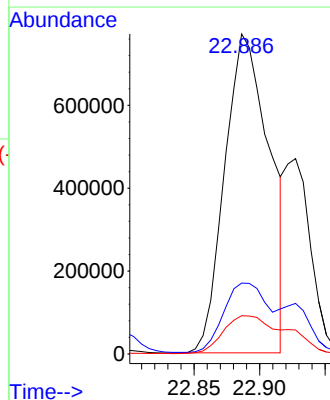
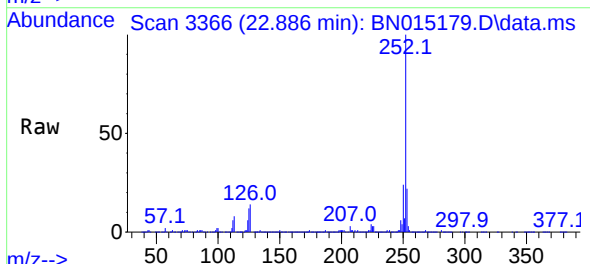
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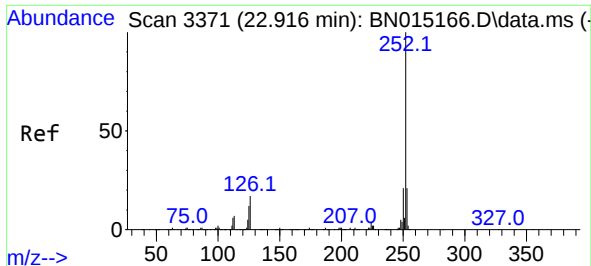
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#90
Benzo(b)fluoranthene
Concen: 39.032 ng/u1
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:252 Resp: 1824786
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.9 9.4 14.0





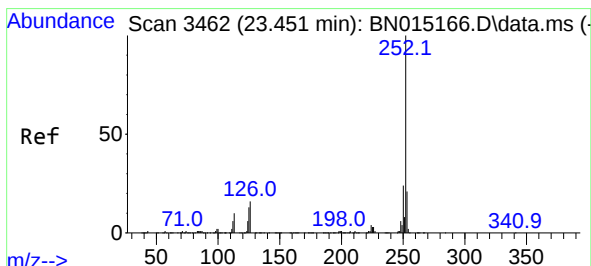
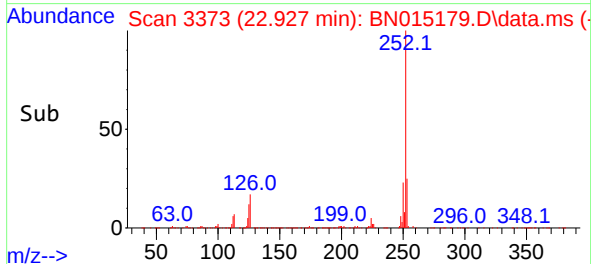
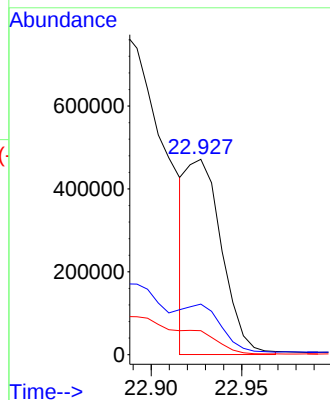
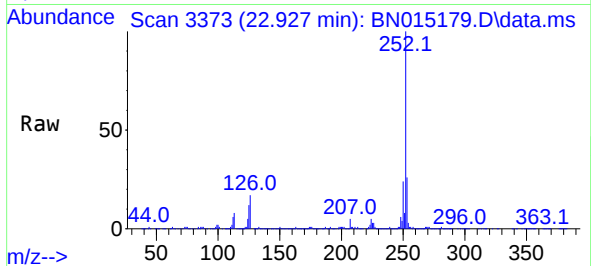
#91
Benzo(k)fluoranthene
Concen: 13.401 ng/ul m
RT: 22.927 min Scan# 3373
Delta R.T. 0.012 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:252 Resp: 634085
Ion Ratio Lower Upper
252 100
253 25.9 18.0 27.0
125 12.3 8.8 13.2

Instrument :
BNA_N
ClientSampleId :
BGDD3DL

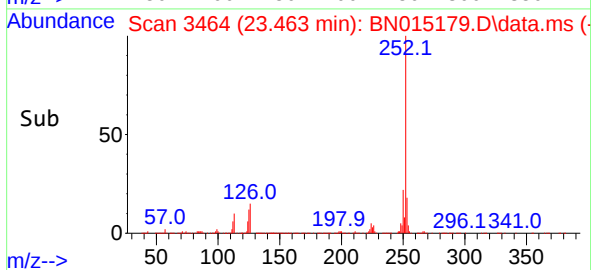
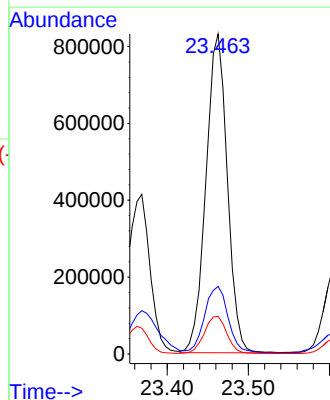
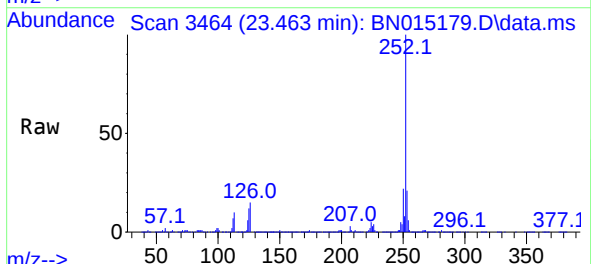
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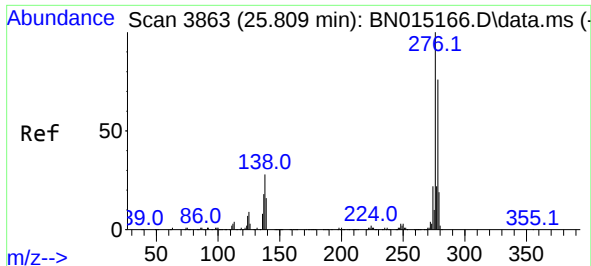
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#93
Benzo(a)pyrene
Concen: 35.699 ng/ul
RT: 23.463 min Scan# 3464
Delta R.T. 0.018 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:252 Resp: 1516967
Ion Ratio Lower Upper
252 100
253 21.1 16.4 24.6
125 11.7 9.3 13.9





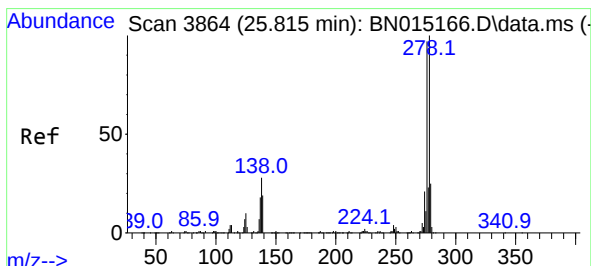
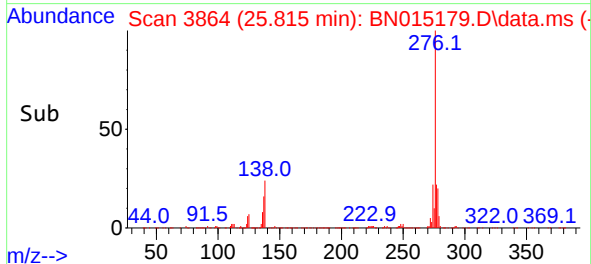
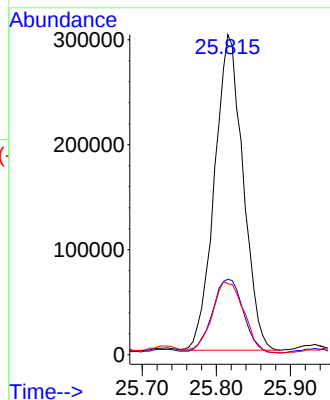
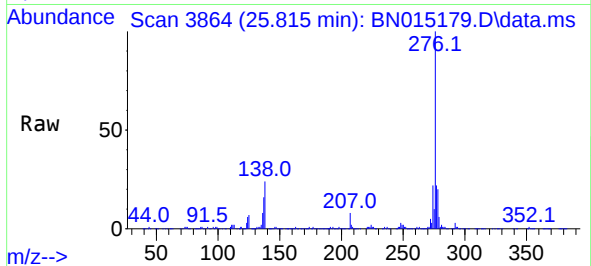
#94
Indeno(1,2,3-cd)pyrene
Concen: 15.575 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. 0.012 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:276 Resp: 802965
Ion Ratio Lower Upper
276 100
138 23.6 23.0 34.4
277 22.1 19.5 29.3

Instrument :
BNA_N
ClientSampleId :
BGDD3DL

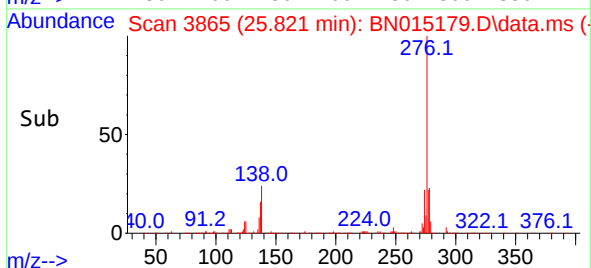
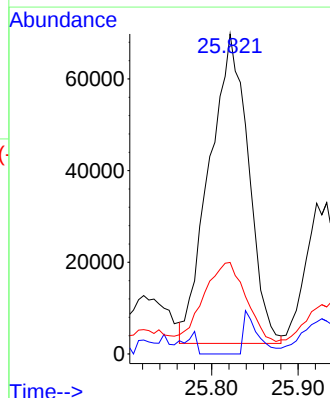
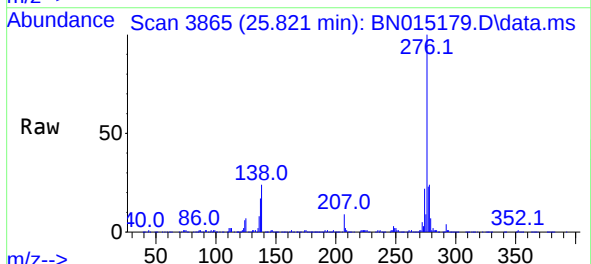
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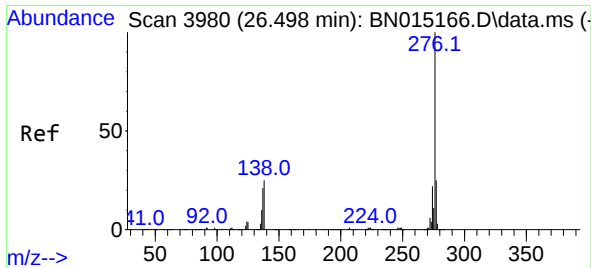
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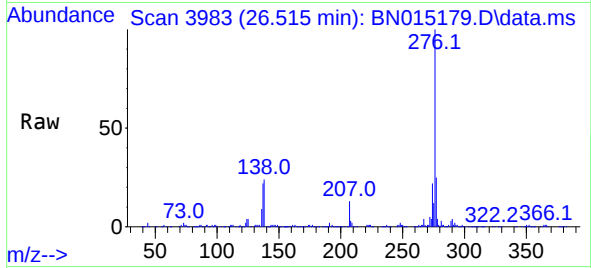
#95
Dibenzo(a,h)anthracene
Concen: 4.958 ng/ul m
RT: 25.821 min Scan# 3865
Delta R.T. 0.000 min
Lab File: BN015179.D
Acq: 28 Jun 2021 17:12

Tgt Ion:278 Resp: 211838
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 28.6 20.2 30.4



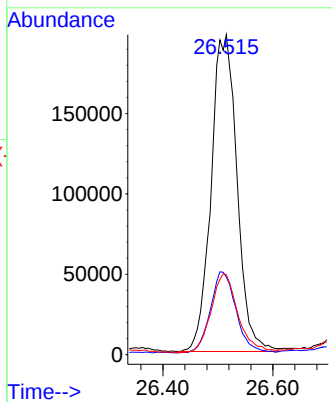
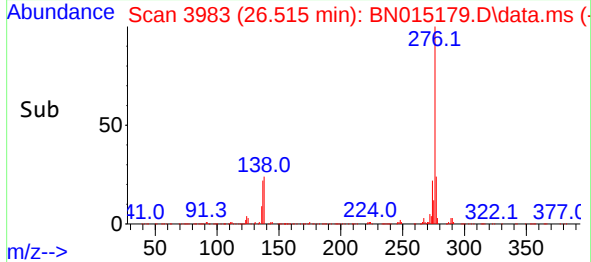


#96
 Benzo(g,h,i)perylene
 Concen: 14.456 ng/ul
 RT: 26.515 min Scan# 3983
 Delta R.T. 0.018 min
 Lab File: BN015179.D
 Acq: 28 Jun 2021 17:12



Tgt Ion: 276 Resp: 644206

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.2
277	25.0	18.4	27.6



Instrument :
 BNA_N
 ClientSampleId :
 BGDD3DL

Manual Integrations
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