

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015101.D
 Acq On : 26 Jun 2021 05:39
 Operator : CG/JU
 Sample : M2704-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Manual Integrations
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Quant Time: Jun 26 06:20:11 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	7.728	152	171792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	712723	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	442674	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	866727	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	801630	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	846341	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11299	2.559	ng/uL	0.00
4) Pyridine-d5	3.681	84	103936	8.732	ng/u1	0.00
7) Phenol-d5	6.893	99	236592	15.868	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	141654	16.177	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	188755	16.695	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	180499	15.685	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	90507	18.564	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	89815	20.681	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	179733	17.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	218523	13.756	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	614906	20.229	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	750057	19.008	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	69937	13.191	ng/u1	0.00
60) Fluorene-d10	15.345	176	539937	20.417	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	41487	11.590	ng/u1	0.00
73) Anthracene-d10	17.198	188	808463	20.380	ng/u1	0.00
81) Pyrene-d10	19.498	212	861062	20.493	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	876522	20.979	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.546	128	91231	2.508	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	49761	1.976	ng/u1	97
37) 1-Methylnaphthalene	12.381	142	41888	1.660	ng/u1	98
50) Acenaphthylene	14.069	152	101943	2.738	ng/u1	99
52) Acenaphthene	14.416	153	109682	4.187	ng/u1	99
56) Dibenzofuran	14.751	168	166656	4.530	ng/u1	99
61) Fluorene	15.398	166	178491	6.128	ng/u1	97
72) Phenanthrene	17.139	178	1558758	34.074	ng/u1	98
74) Anthracene	17.228	178	403448	8.591	ng/u1	98
77) Carbazole	17.498	167	121859	2.879	ng/u1	95
80) Fluoranthene	19.163	202	1478578	29.152	ng/u1	99
82) Pyrene	19.527	202	1235991	23.380	ng/u1	99
85) Benzo(a)anthracene	21.274	228	626588	12.637	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	94221	3.122	ng/u1	98
87) Chrysene	21.327	228	552127	11.308	ng/u1	97
90) Benzo(b)fluoranthene	22.868	252	629921	12.360	ng/u1	97
91) Benzo(k)fluoranthene	22.904	252	185978m	3.606	ng/u1	
93) Benzo(a)pyrene	23.439	252	480867	10.381	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.786	276	255452	4.545	ng/u1	96
95) Dibenzo(a,h)anthracene	25.804	278	77766m	1.669	ng/u1	
96) Benzo(g,h,i)perylene	26.480	276	223104	4.592	ng/u1	99

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

Instrument :
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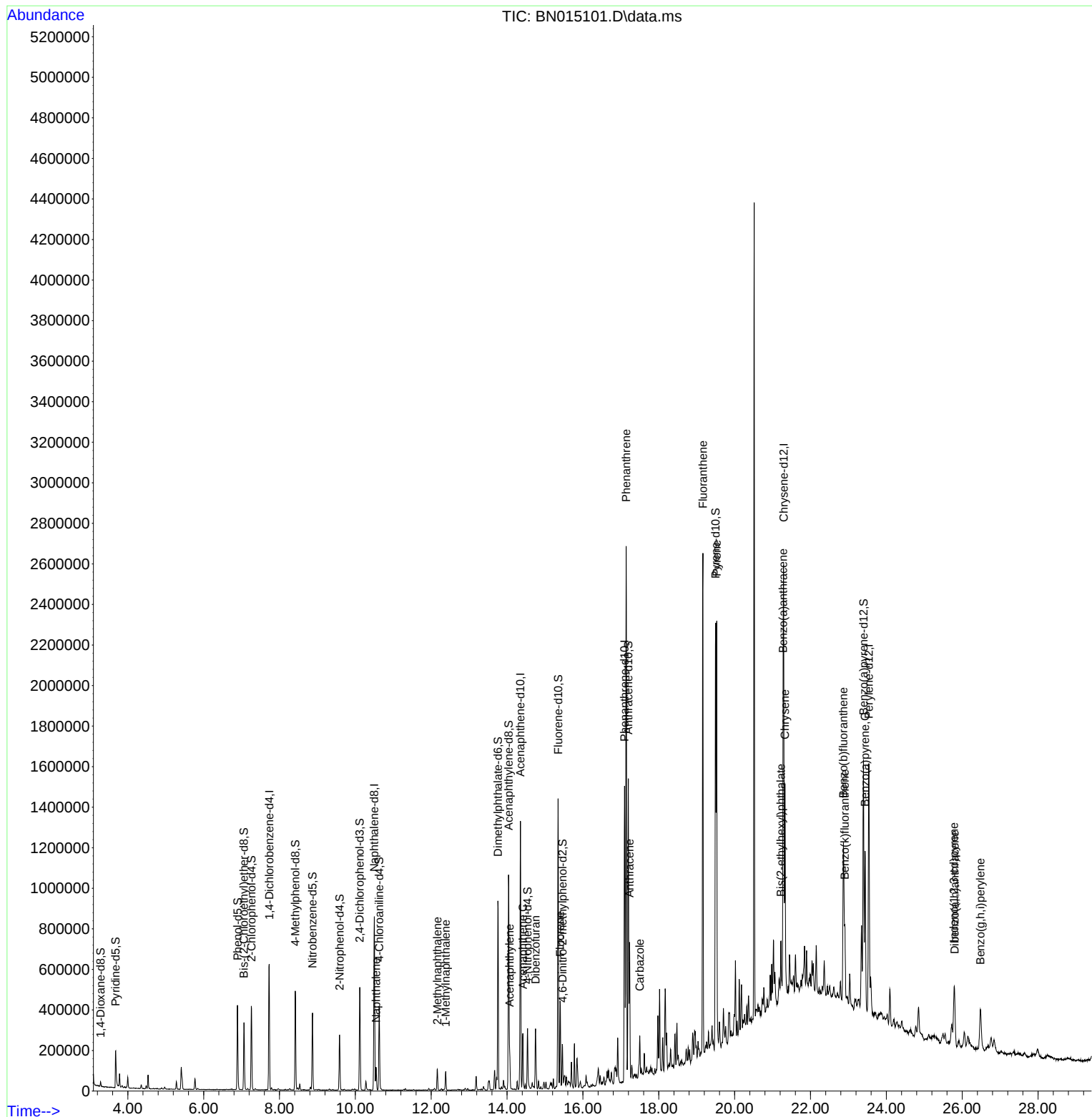
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Data File : BN015101.D
Acq On : 26 Jun 2021 05:39
Operator : CG/JU
Sample : M2704-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

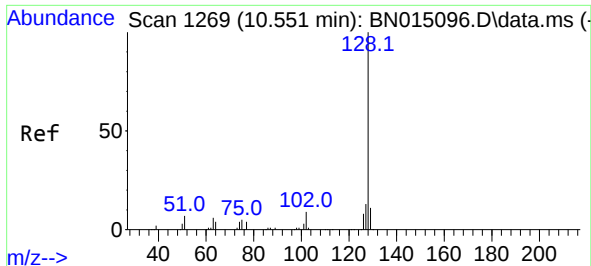
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BNA_N
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BGD87

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Quant Time: Jun 26 06:20:11 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
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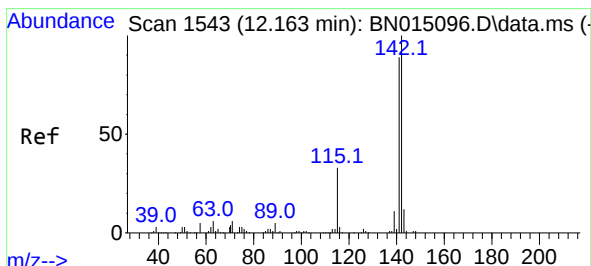
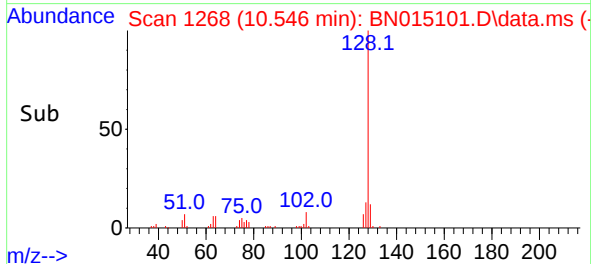
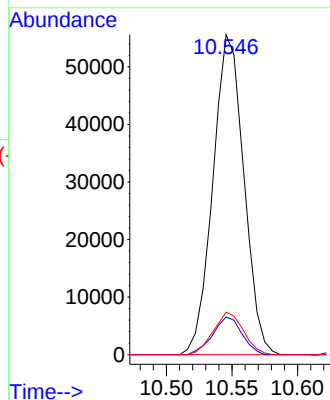
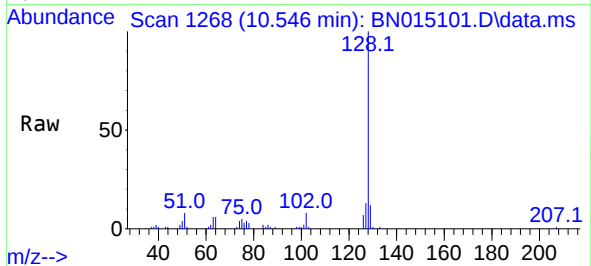
#30
Naphthalene
Concen: 2.508 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:	128	Resp:	91231
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	13.0
127	13.3	10.6	16.0

Instrument :
BNA_N
ClientSampleId :
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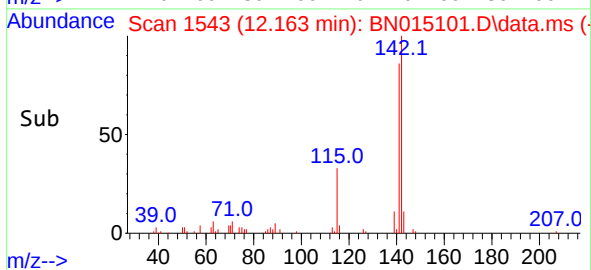
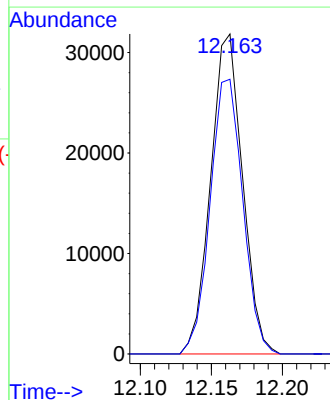
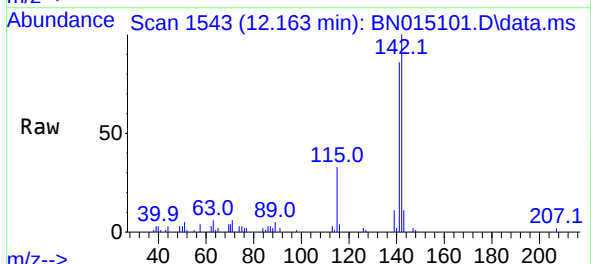
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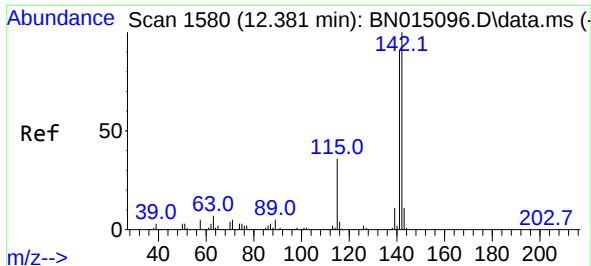
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#36
2-Methylnaphthalene
Concen: 1.976 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

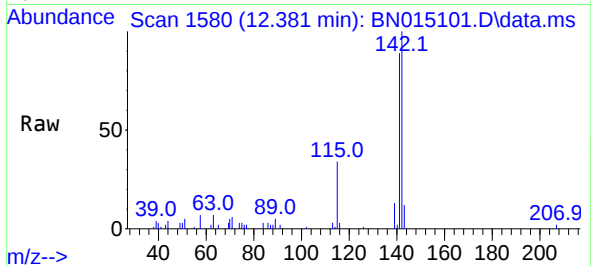
Tgt Ion:	142	Resp:	49761
Ion Ratio	Lower	Upper	
142	100		
141	85.9	71.0	106.6





#37
1-Methylnaphthalene
Concen: 1.660 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

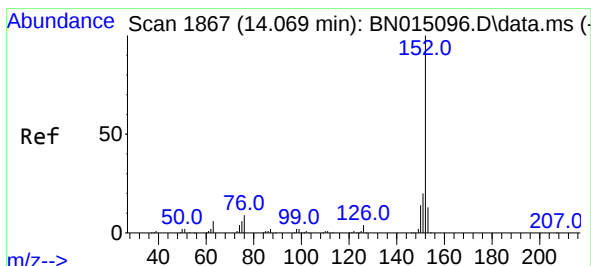
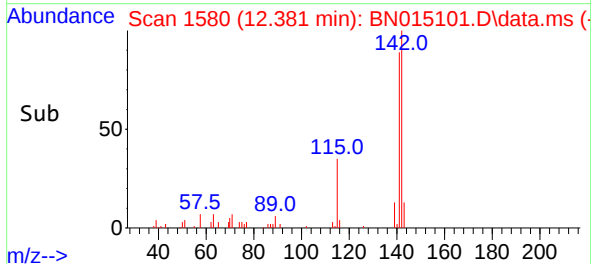
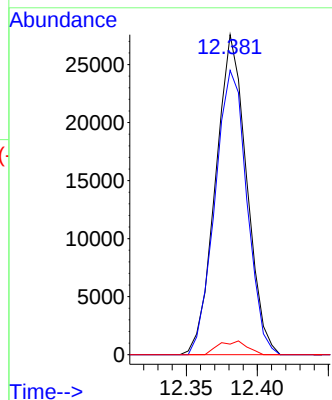
Instrument :
BNA_N
ClientSampled :
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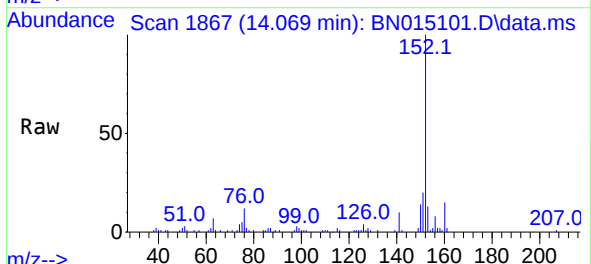
Tgt Ion:142 Resp: 41888
Ion Ratio Lower Upper
142 100
141 88.9 69.6 104.4
116 3.3 3.0 4.6

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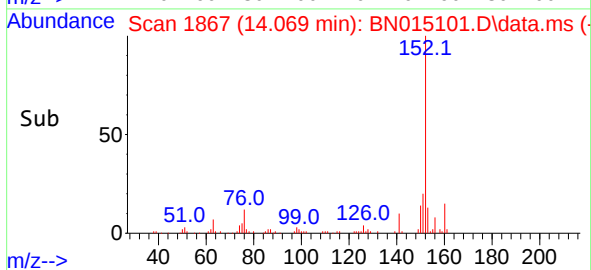
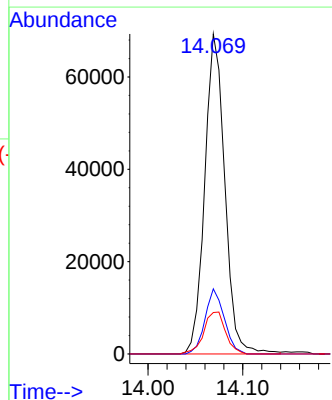
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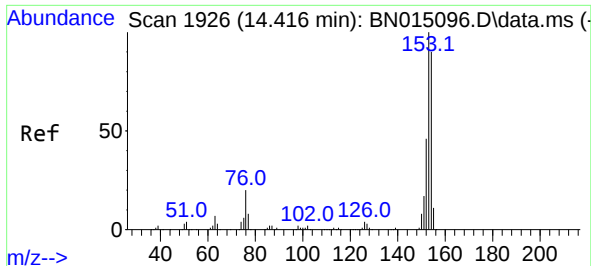


#50
Acenaphthylene
Concen: 2.738 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39



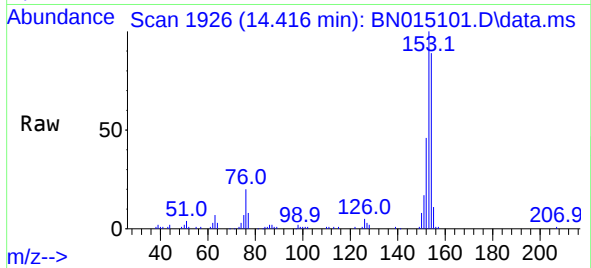
Tgt Ion:152 Resp: 101943
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.0 10.0 15.0





#52
Acenaphthene
Concen: 4.187 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

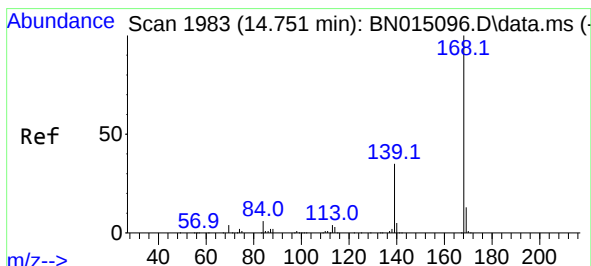
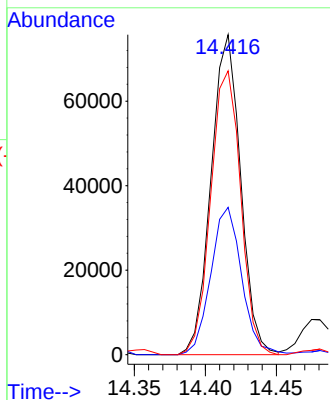
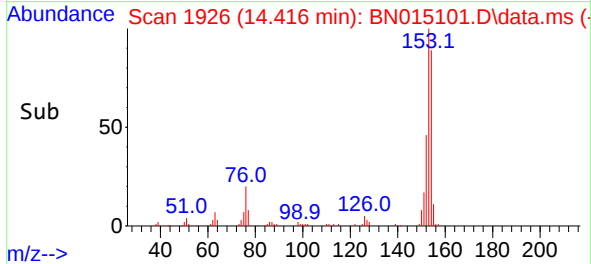
Instrument :
BNA_N
ClientSampleId :
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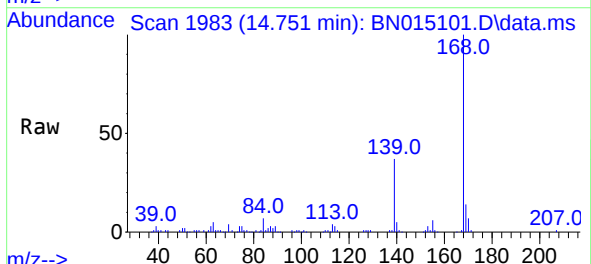
Tgt Ion:153 Resp: 109682
Ion Ratio Lower Upper
153 100
152 46.1 37.6 56.4
154 88.7 71.6 107.4

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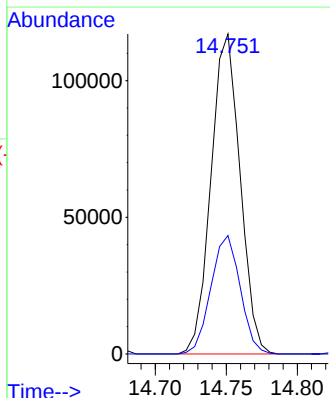
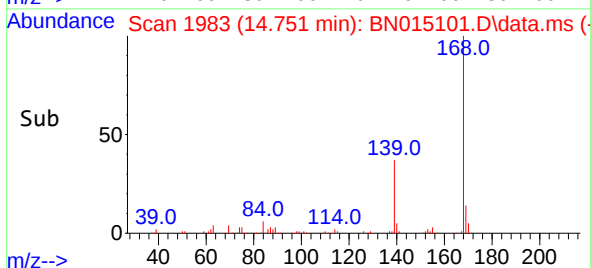
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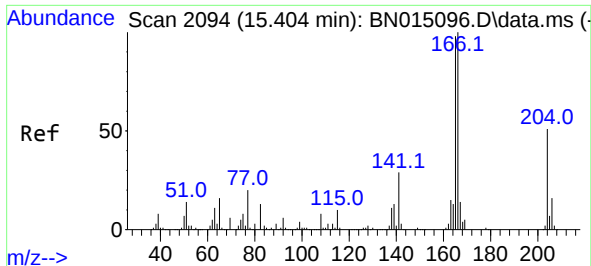


#56
Dibenzofuran
Concen: 4.530 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39



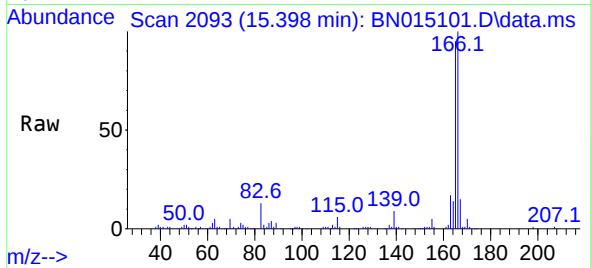
Tgt Ion:168 Resp: 166656
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.4





#61
Fluorene
Concen: 6.128 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

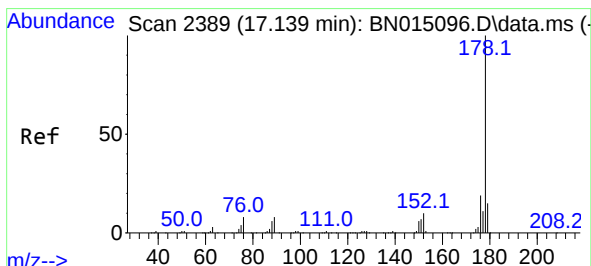
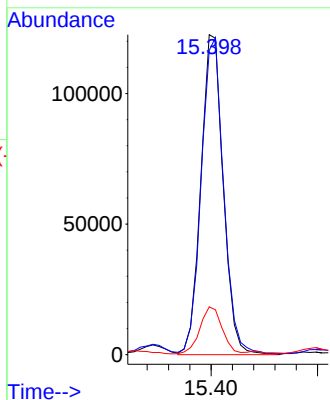
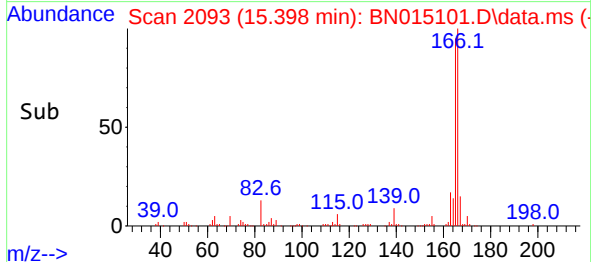
Instrument :
BNA_N
ClientSampleId :
BGD87



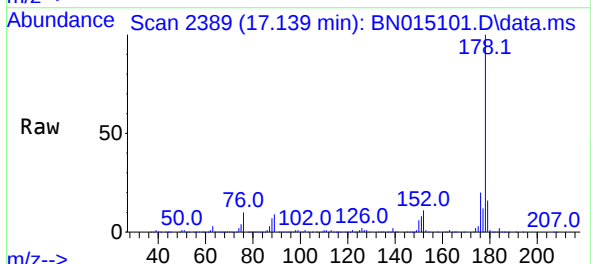
Tgt Ion:166 Resp: 178491
Ion Ratio Lower Upper
166 100
165 95.1 78.2 117.4
167 14.9 11.0 16.4

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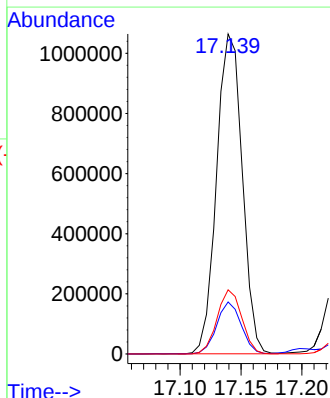
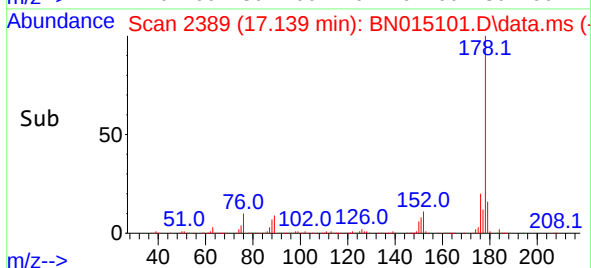
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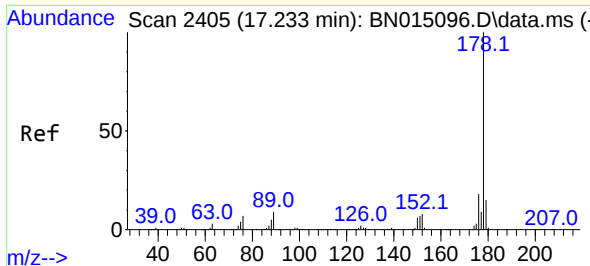


#72
Phenanthrene
Concen: 34.074 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39



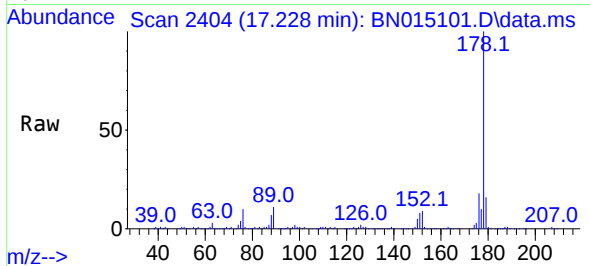
Tgt Ion:178 Resp: 1558758
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.2
176 20.1 15.4 23.2





#74
 Anthracene
 Concen: 8.591 ng/ul
 RT: 17.228 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BN015101.D
 Acq: 26 Jun 2021 05:39

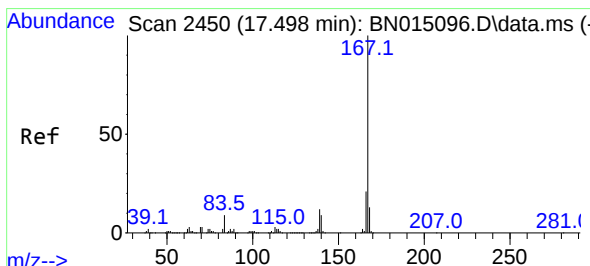
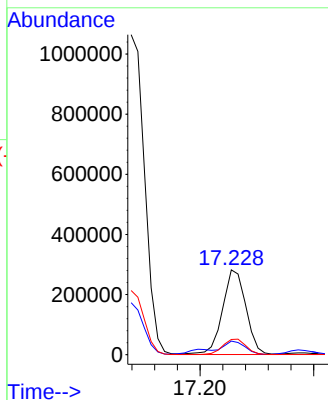
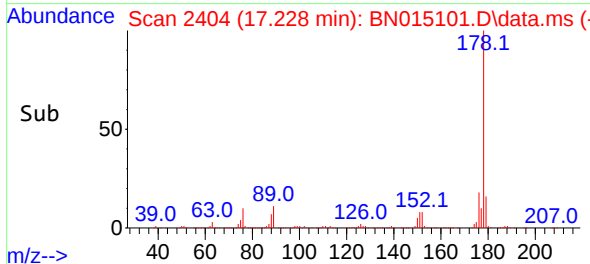
Instrument :
 BNA_N
 ClientSampled :
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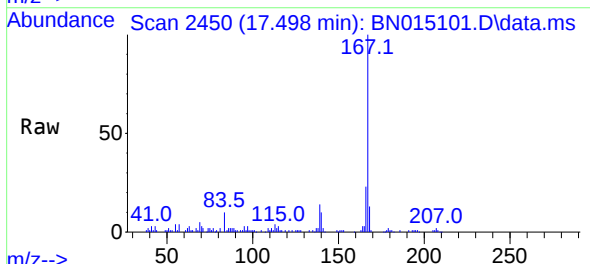
Tgt Ion:178 Resp: 403448
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.6 17.4
 176 18.0 14.6 21.8

Manual Integrations
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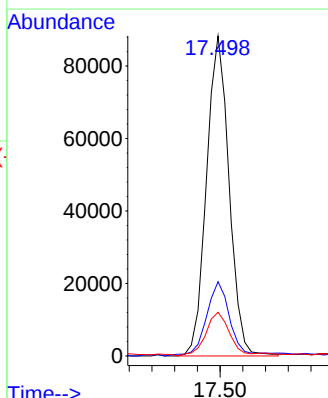
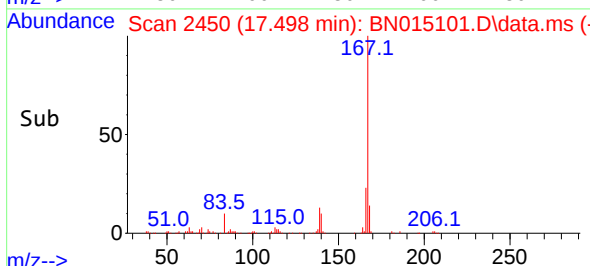
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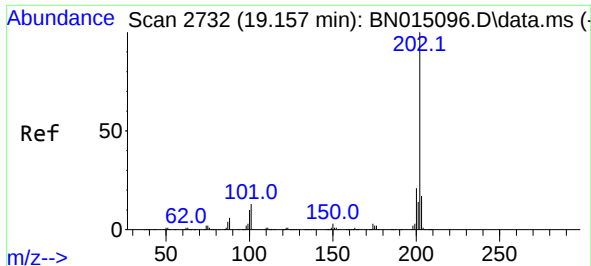


#77
 Carbazole
 Concen: 2.879 ng/ul
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015101.D
 Acq: 26 Jun 2021 05:39



Tgt Ion:167 Resp: 121859
 Ion Ratio Lower Upper
 167 100
 166 23.2 16.4 24.6
 139 13.6 10.0 15.0





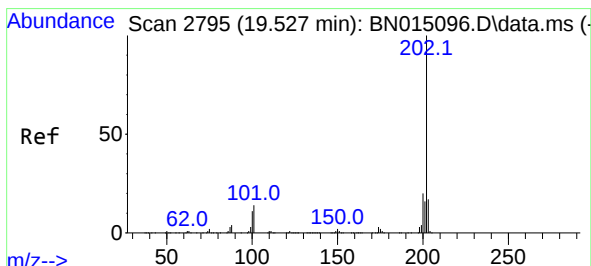
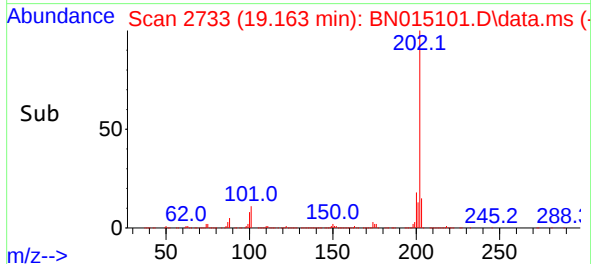
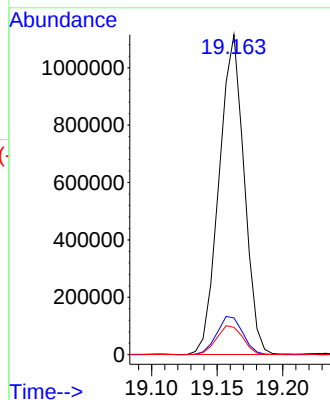
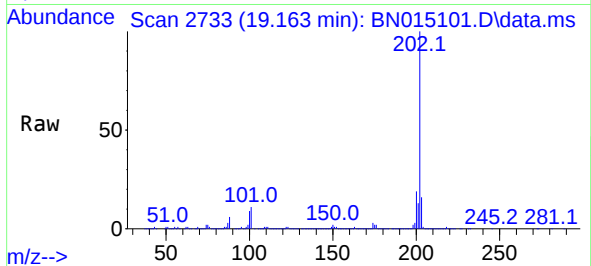
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Fluoranthene
Concen: 29.152 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:202 Resp: 1478578
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.5 7.4 11.2

Instrument :
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ClientSampleId :
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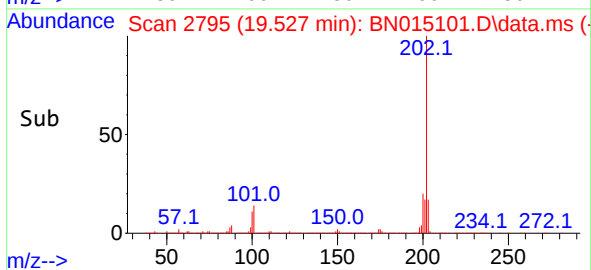
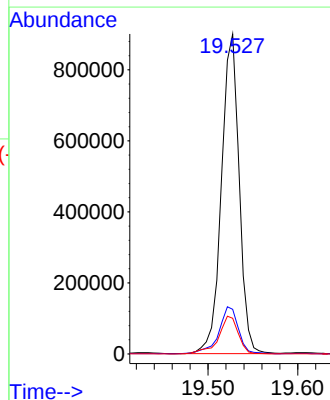
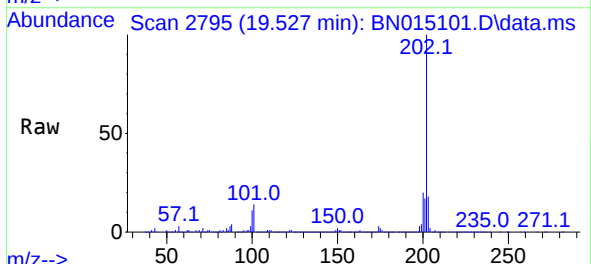
Manual Integrations
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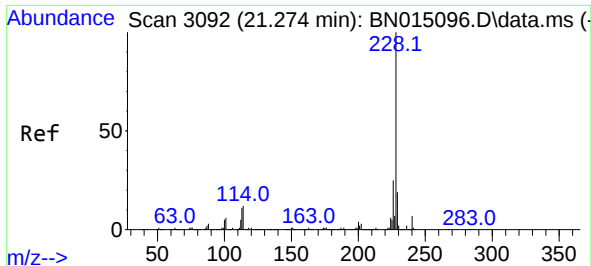
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#82
Pyrene
Concen: 23.380 ng/u1
RT: 19.527 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:202 Resp: 1235991
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.1 9.2 13.8





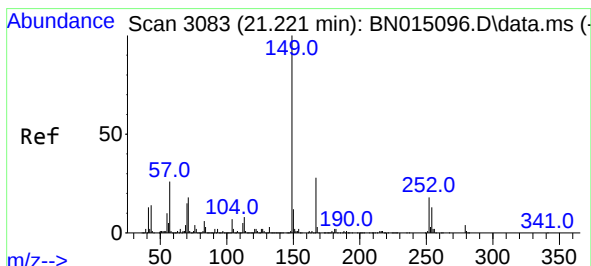
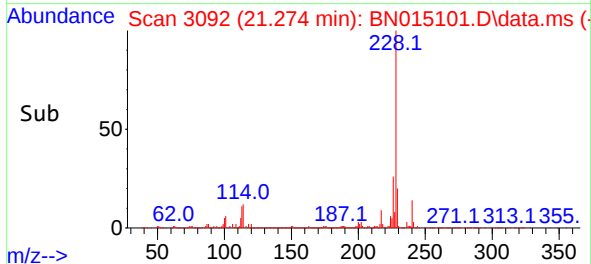
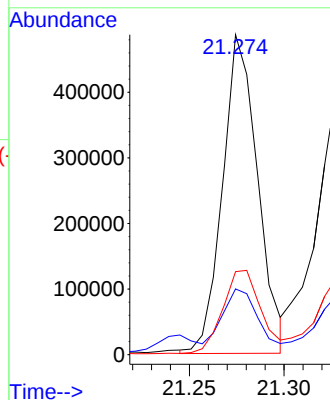
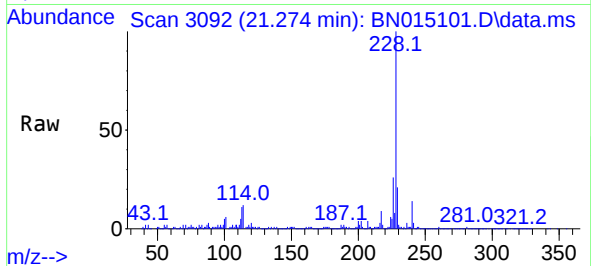
#85
Benzo(a)anthracene
Concen: 12.637 ng/ul
RT: 21.274 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:228 Resp: 626588
Ion Ratio Lower Upper
228 100
229 20.6 14.8 22.2
226 26.0 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
BGD87

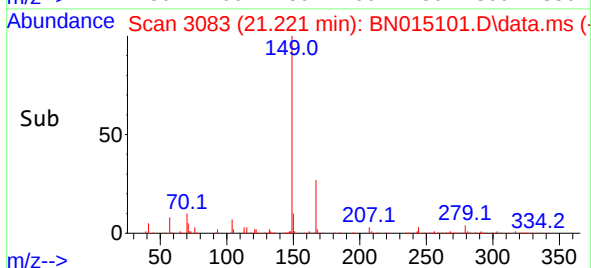
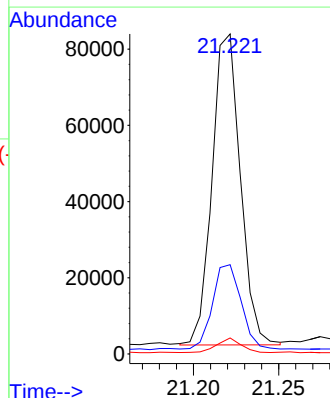
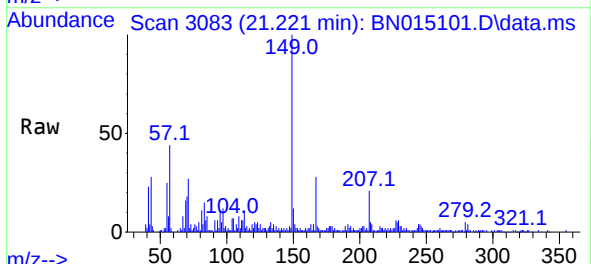
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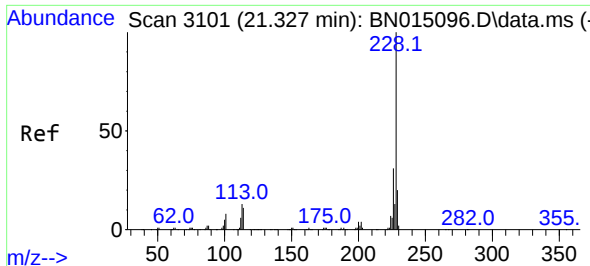
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.122 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:149 Resp: 94221
Ion Ratio Lower Upper
149 100
167 27.9 23.4 35.0
279 5.0 3.4 5.2





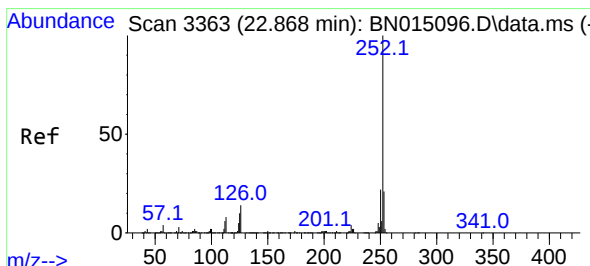
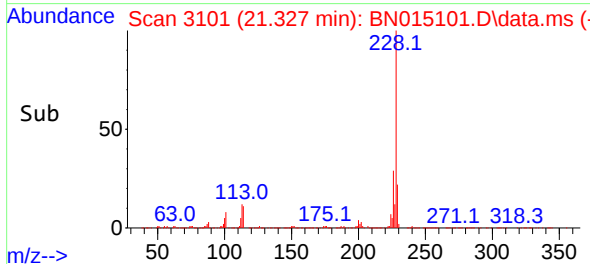
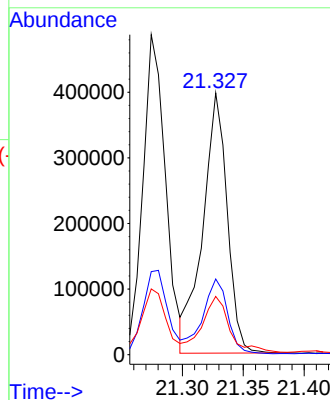
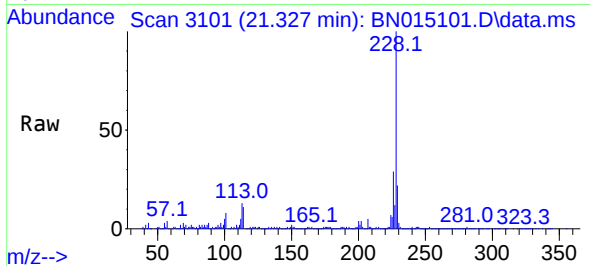
#87
Chrysene
Concen: 11.308 ng/u1
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:228 Resp: 552127
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 22.2 15.5 23.3

Instrument :
BNA_N
ClientSampleId :
BGD87

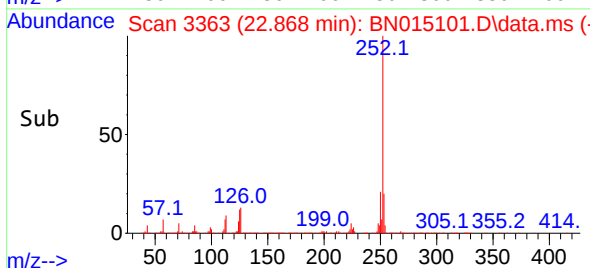
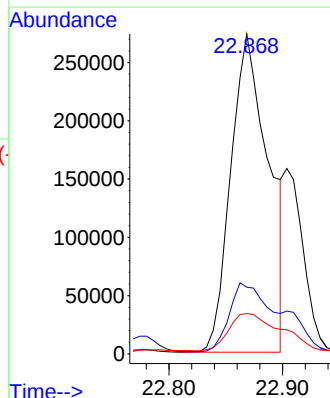
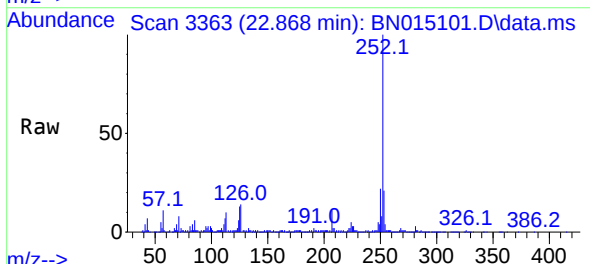
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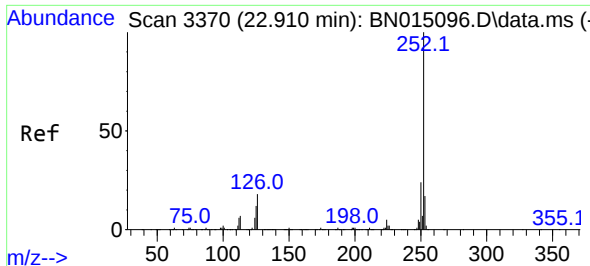
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#90
Benzo(b)fluoranthene
Concen: 12.360 ng/u1
RT: 22.868 min Scan# 3363
Delta R.T. 0.000 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Tgt Ion:252 Resp: 629921
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 12.6 9.4 14.0





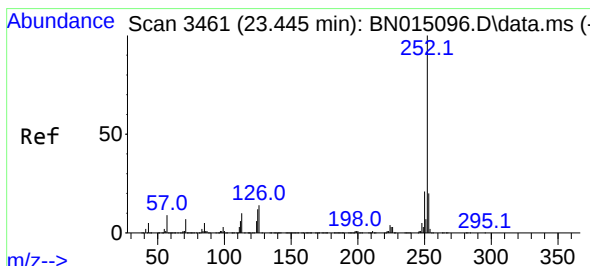
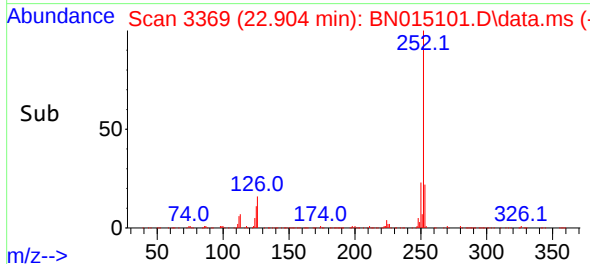
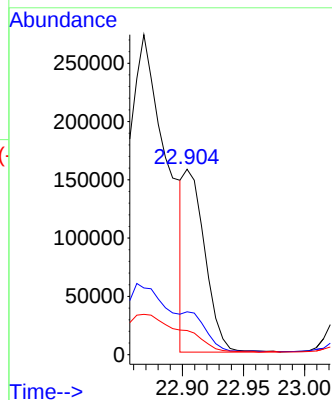
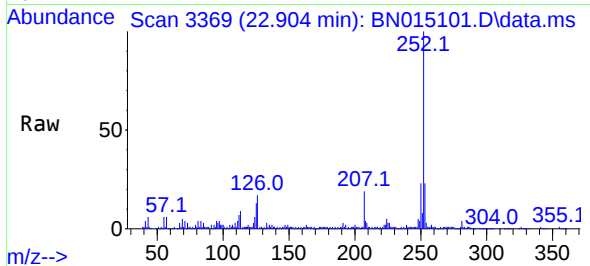
#91
Benzo(k)fluoranthene
Concen: 3.606 ng/ul m
RT: 22.904 min Scan# 3369
Delta R.T. -0.012 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

Instrument :
BNA_N
ClientSampled :
BGD87

Tgt Ion:252 Resp: 185978
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 13.0 8.8 13.2

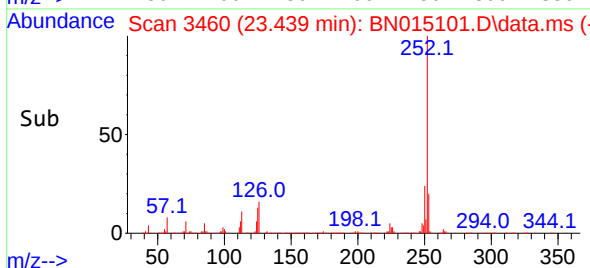
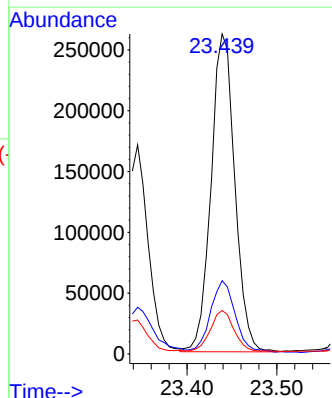
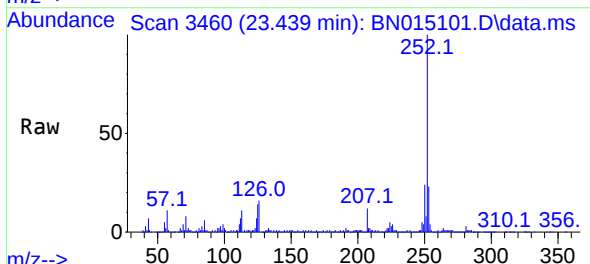
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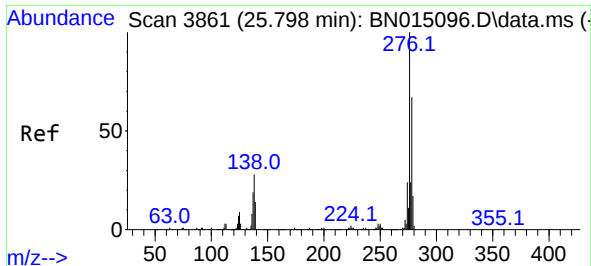
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#93
Benzo(a)pyrene
Concen: 10.381 ng/ul
RT: 23.439 min Scan# 3460
Delta R.T. -0.006 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

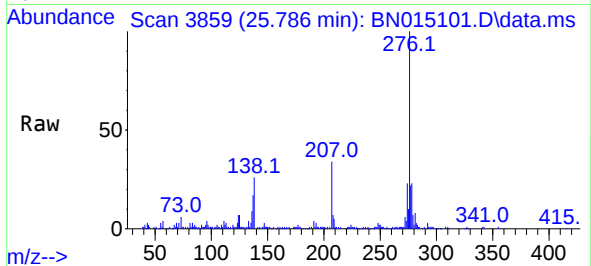
Tgt Ion:252 Resp: 480867
Ion Ratio Lower Upper
252 100
253 22.9 16.4 24.6
125 13.6 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.545 ng/ul
RT: 25.786 min Scan# 3859
Delta R.T. -0.018 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39

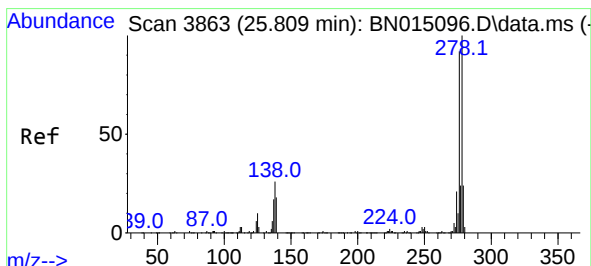
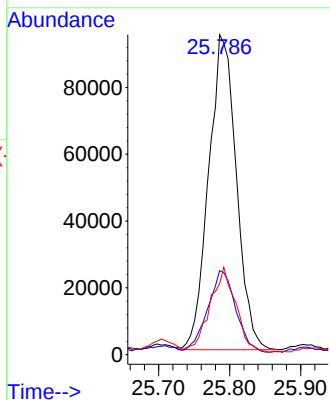
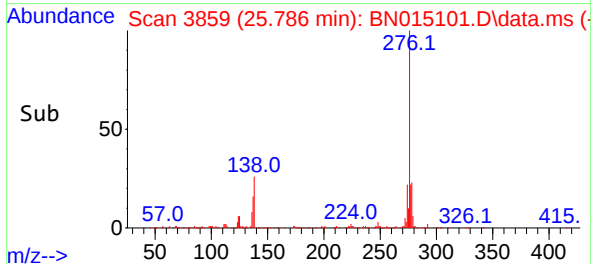
Instrument :
BNA_N
ClientSampled :
BGD87



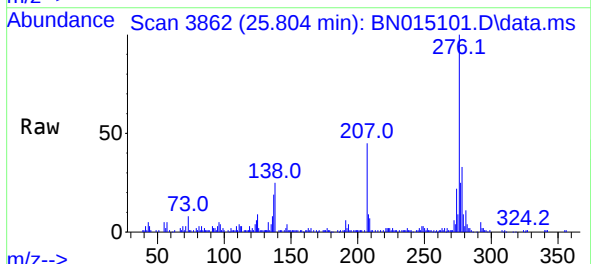
Tgt Ion:276 Resp: 255452
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.4
277 22.2 19.5 29.3

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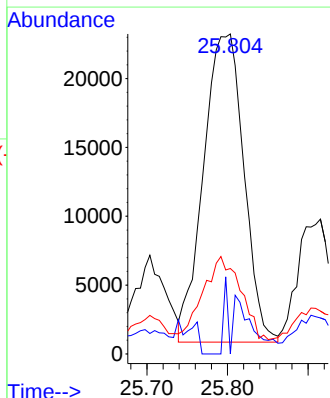
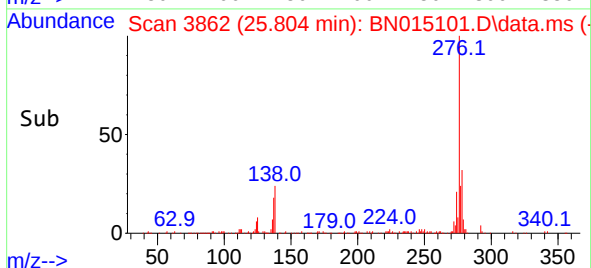
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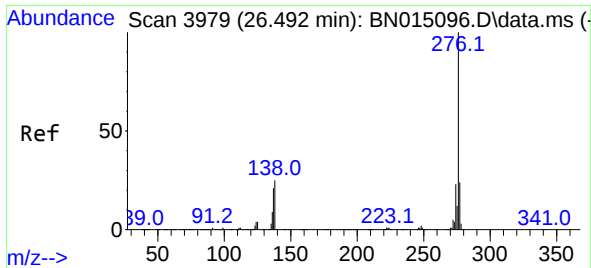


#95
Dibenzo(a,h)anthracene
Concen: 1.669 ng/ul m
RT: 25.804 min Scan# 3862
Delta R.T. -0.018 min
Lab File: BN015101.D
Acq: 26 Jun 2021 05:39



Tgt Ion:278 Resp: 77766
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 26.7 20.2 30.4





#96
 Benzo(g,h,i)perylene
 Concen: 4.592 ng/ul
 RT: 26.480 min Scan# 3977
 Delta R.T. -0.018 min
 Lab File: BN015101.D
 Acq: 26 Jun 2021 05:39

Tgt Ion: 276 Resp: 223104
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.4 29.2
 277 22.5 18.4 27.6

Instrument :
 BNA_N
 ClientSampleId :
 BGD87

Manual Integrations
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