

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015180.D
 Acq On : 28 Jun 2021 17:48
 Operator : CG/JU
 Sample : M2680-06DL 25X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD2DL

Manual Integrations
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Quant Time: Jun 29 01:07:05 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	165635	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	667068	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	395225	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	797207	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	758145	20.000	ng/u1	0.00
88) Perylene-d12	23.557	264	806729	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	7779	0.541	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	5051	0.598	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	5909	0.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	5936	0.535	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	2898	0.635	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	2184	0.537	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	4879	0.509	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	7466	0.502	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	18010	0.664	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	22383	0.635	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	995	0.210	ng/u1	0.00
60) Fluorene-d10	15.345	176	16827	0.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.192	188	28962	0.794	ng/u1	0.00
81) Pyrene-d10	19.498	212	28899	0.727	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	27221	0.684	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.546	128	205908	6.049	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	83476	3.542	ng/u1	98
37) 1-Methylnaphthalene	12.381	142	150165	6.360	ng/u1	96
43) 1,1'-Biphenyl	13.181	154	112520	3.945	ng/u1	100
50) Acenaphthylene	14.069	152	133210	4.007	ng/u1	97
52) Acenaphthene	14.416	153	612403	26.185	ng/u1	99
56) Dibenzofuran	14.751	168	495893	15.096	ng/u1	99
61) Fluorene	15.398	166	536073	20.615	ng/u1	96
72) Phenanthrene	17.139	178	2627495	62.445	ng/u1	99
74) Anthracene	17.228	178	1005035	23.267	ng/u1	99
77) Carbazole	17.498	167	159592	4.099	ng/u1	99
80) Fluoranthene	19.163	202	2525118	52.641	ng/u1	99
82) Pyrene	19.528	202	2032503	40.652	ng/u1	100
85) Benzo(a)anthracene	21.286	228	1026650	21.894	ng/u1#	91
87) Chrysene	21.339	228	775443	16.793	ng/u1	93
90) Benzo(b)fluoranthene	22.886	252	907854	18.688	ng/u1	97
91) Benzo(k)fluoranthene	22.922	252	331954m	6.752	ng/u1	
93) Benzo(a)pyrene	23.457	252	754634	17.090	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.810	276	396637	7.404	ng/u1	96
95) Dibenzo(a,h)anthracene	25.815	278	111328m	2.507	ng/u1	
96) Benzo(g,h,i)perylene	26.504	276	311316	6.723	ng/u1	98

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

Instrument :

BNA_N

ClientSampleId :

BGDD2DL

Manual Integrations

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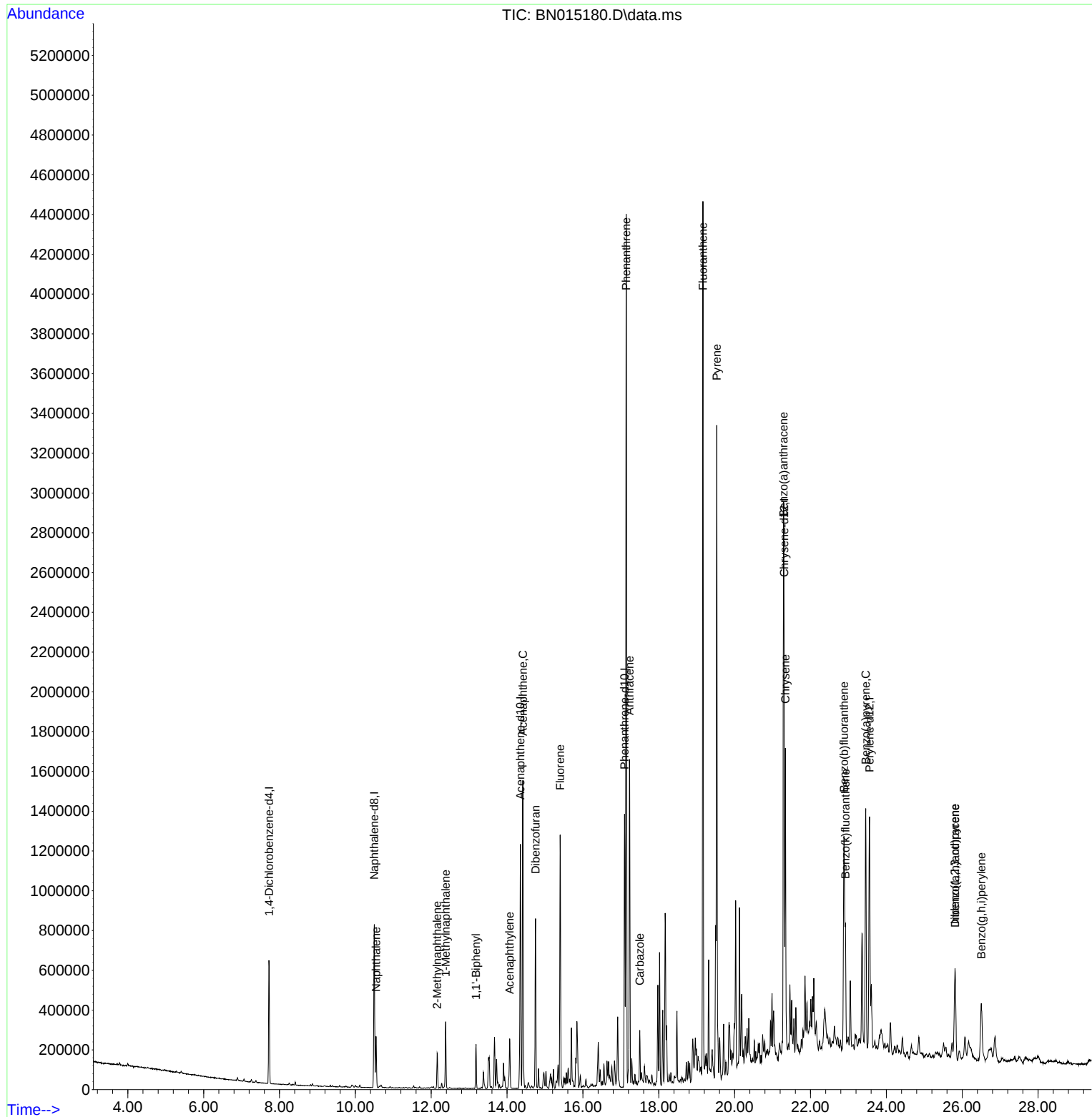
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015180.D
Acq On : 28 Jun 2021 17:48
Operator : CG/JU
Sample : M2680-06DL 25X
Misc :
ALS Vial : 16 Sample Multiplier: 1

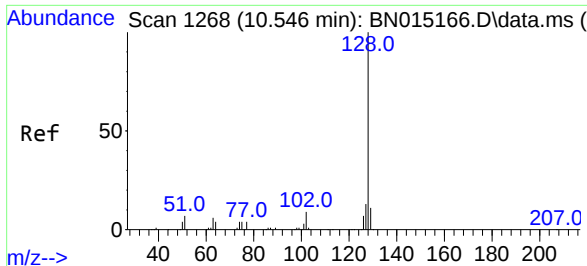
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BNA_N
ClientSampleId :
BGDD2DL

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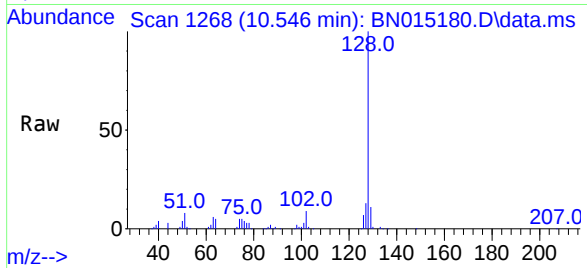
Quant Time: Jun 29 01:07:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 6.049 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

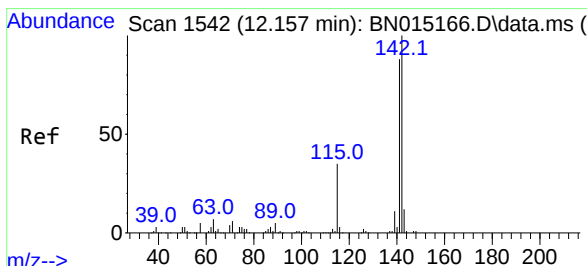
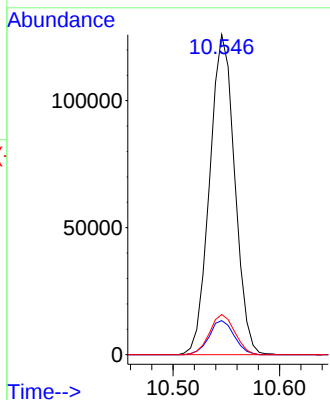
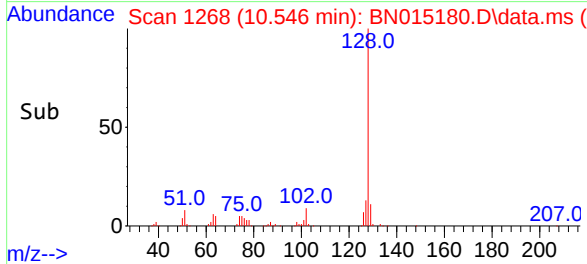
Instrument :
BNA_N
ClientSampleId :
BGDD2DL



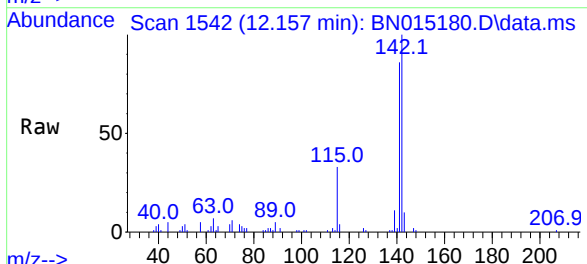
Tgt Ion:128 Resp: 205908
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.5 10.6 16.0

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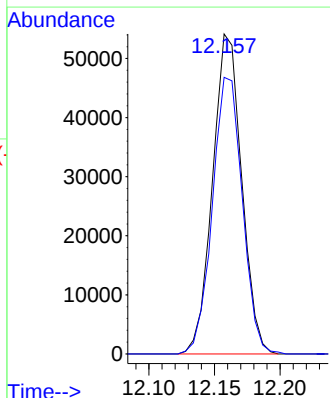
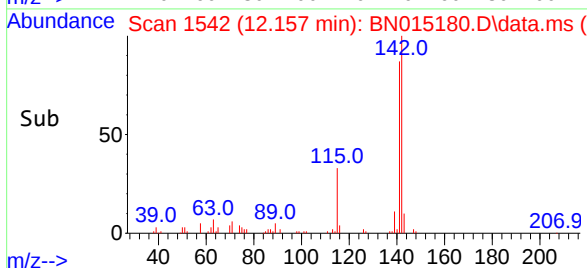
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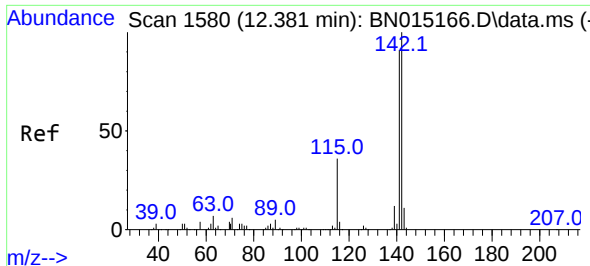


#36
2-Methylnaphthalene
Concen: 3.542 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



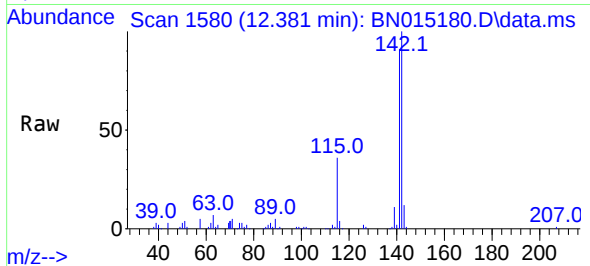
Tgt Ion:142 Resp: 83476
Ion Ratio Lower Upper
142 100
141 86.5 71.0 106.6





#37
1-Methylnaphthalene
Concen: 6.360 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

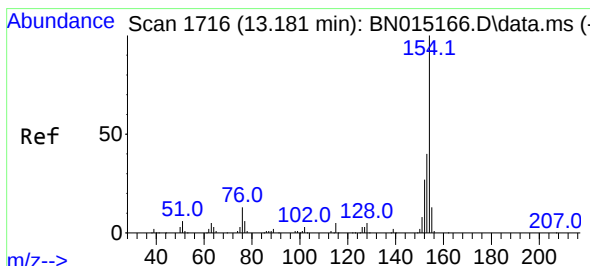
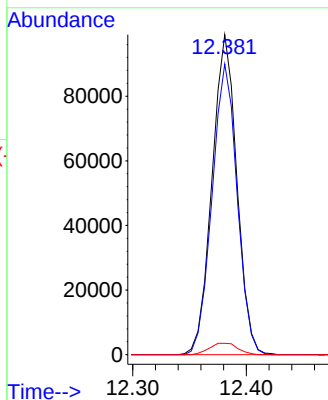
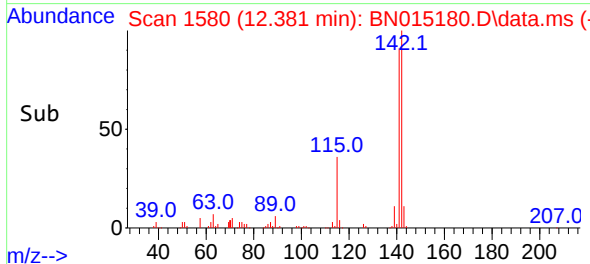
Instrument :
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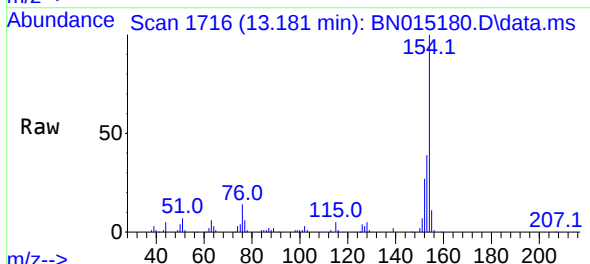
Tgt Ion:142 Resp: 150165
Ion Ratio Lower Upper
142 100
141 90.9 69.6 104.4
116 3.5 3.0 4.6

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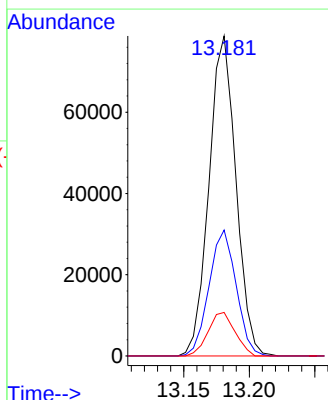
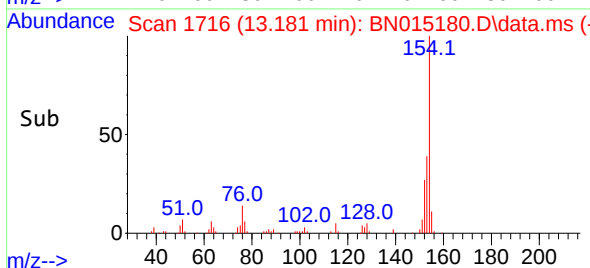
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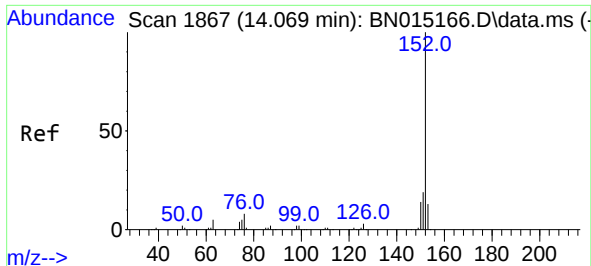


#43
1,1'-Biphenyl
Concen: 3.945 ng/ul
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



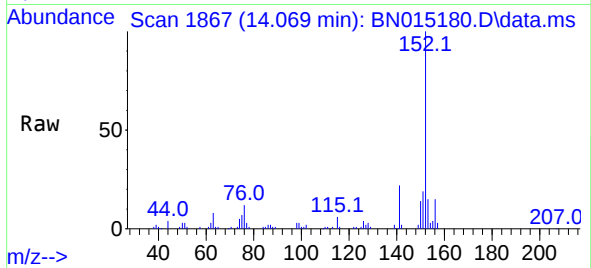
Tgt Ion:154 Resp: 112520
Ion Ratio Lower Upper
154 100
153 39.3 31.4 47.2
76 13.6 10.7 16.1





#50
Acenaphthylene
Concen: 4.007 ng/u1
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

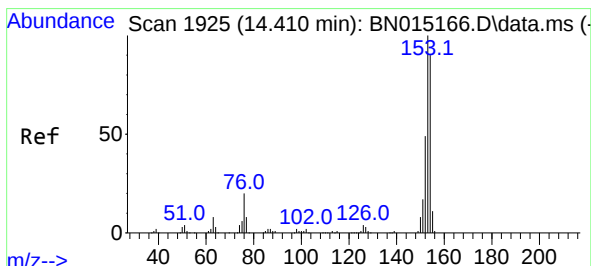
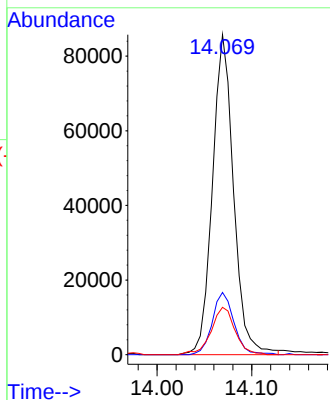
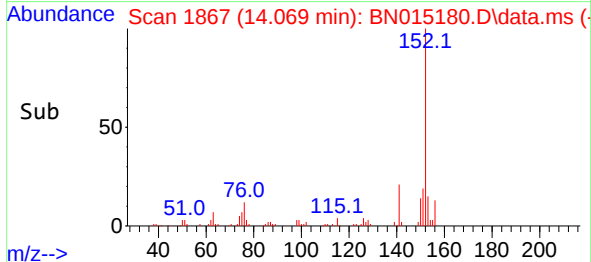
Instrument :
BNA_N
ClientSampleID :
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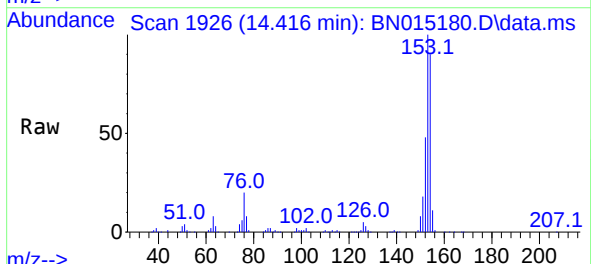
Tgt Ion:152 Resp: 133210
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 14.8 10.0 15.0

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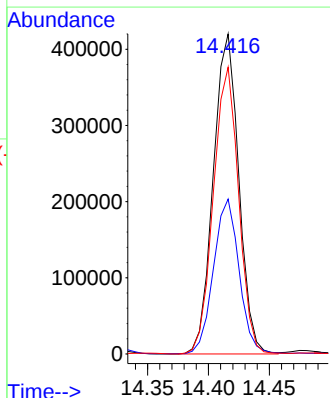
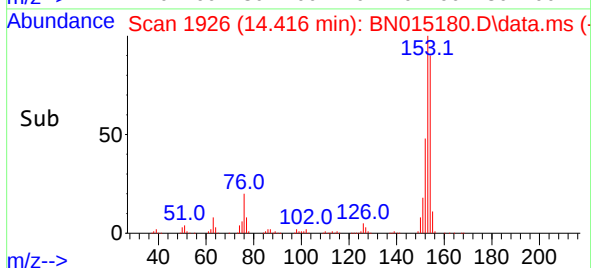
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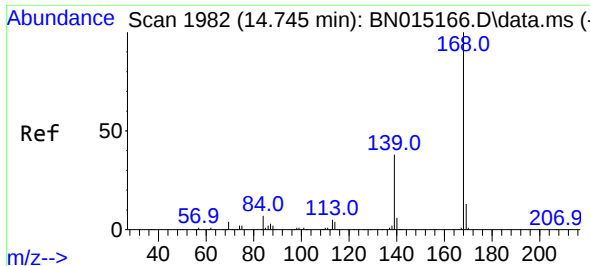


#52
Acenaphthene
Concen: 26.185 ng/u1
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



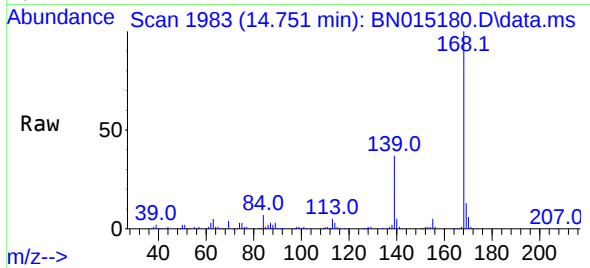
Tgt Ion:153 Resp: 612403
Ion Ratio Lower Upper
153 100
152 48.4 37.6 56.4
154 89.6 71.6 107.4





#56
Dibenzofuran
Concen: 15.096 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

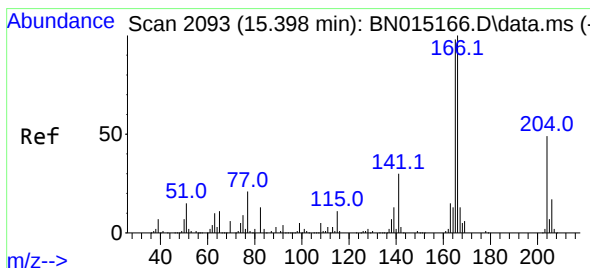
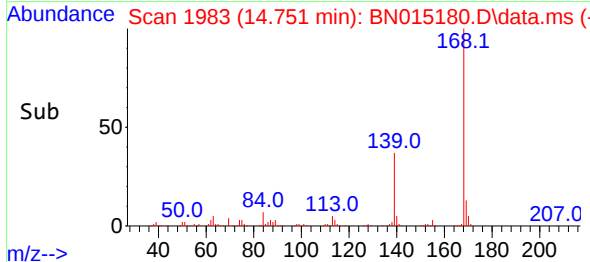
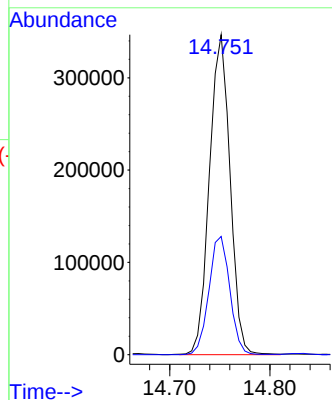
Instrument :
BNA_N
ClientSampleID :
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Tgt Ion:168 Resp: 495893
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.4

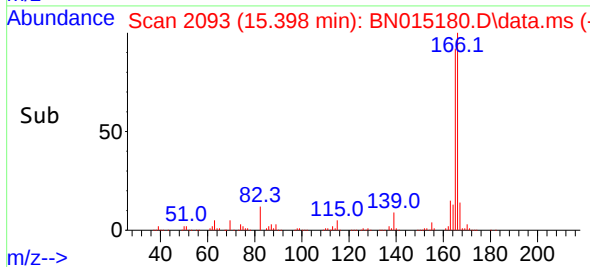
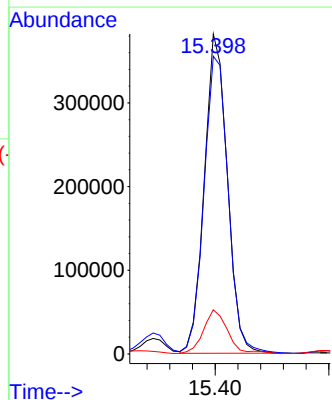
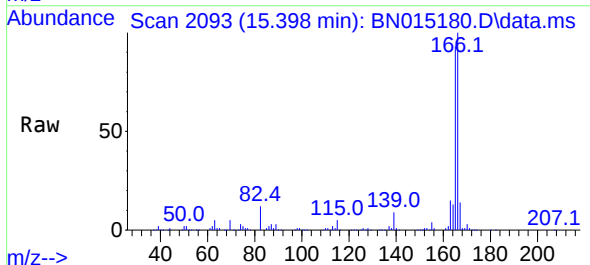
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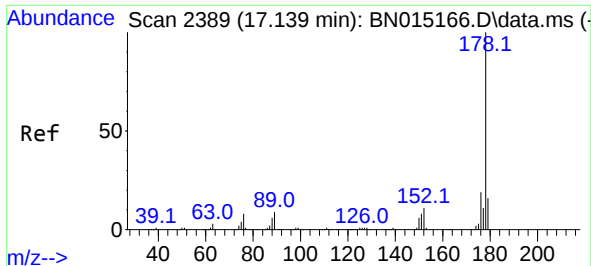
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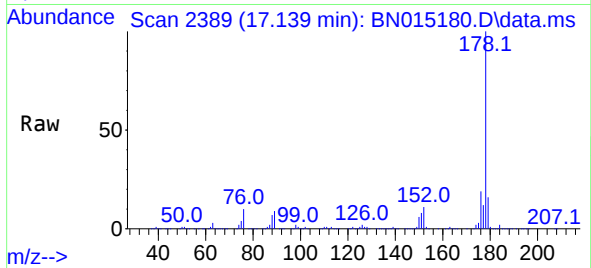
#61
Fluorene
Concen: 20.615 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

Tgt Ion:166 Resp: 536073
Ion Ratio Lower Upper
166 100
165 93.1 78.2 117.4
167 13.8 11.0 16.4

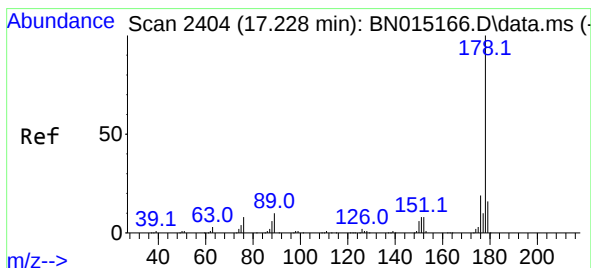
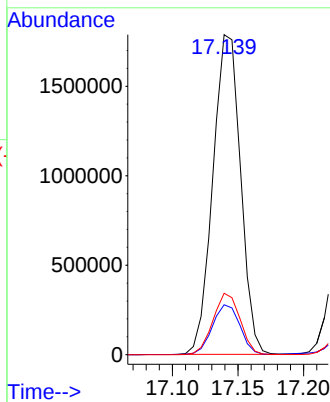
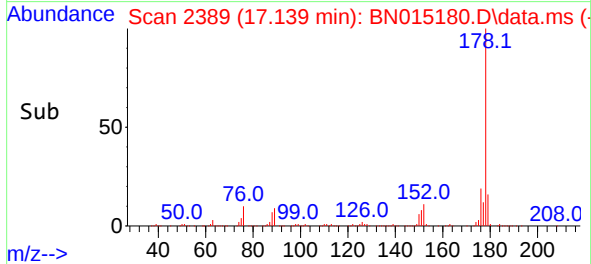




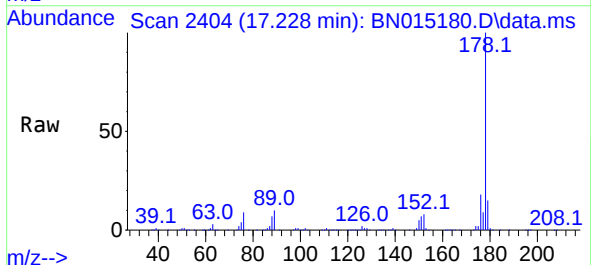
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Phenanthrene
Concen: 62.445 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



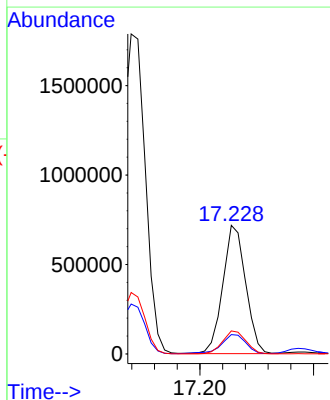
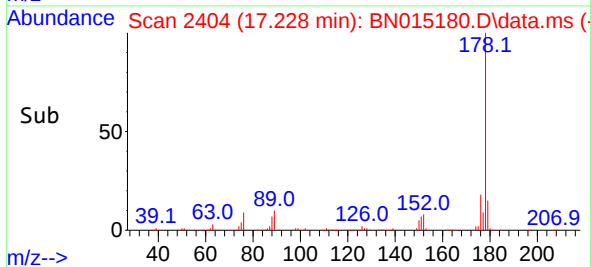
Tgt Ion:178 Resp: 2627495
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.2 15.4 23.2



#74
Anthracene
Concen: 23.267 ng/u1
RT: 17.228 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



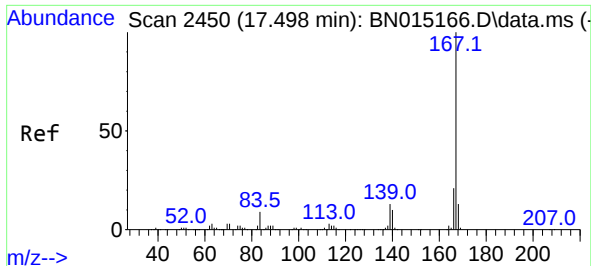
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Ion Ratio Lower Upper
178 100
179 15.1 11.6 17.4
176 17.9 14.6 21.8



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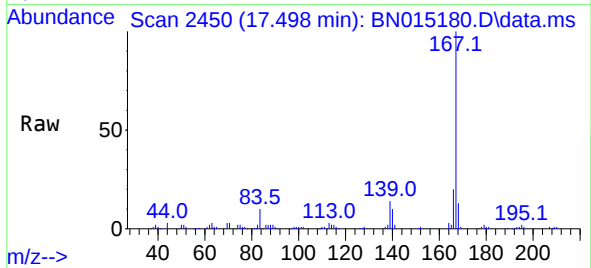
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#77
 Carbazole
 Concen: 4.099 ng/ul
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015180.D
 Acq: 28 Jun 2021 17:48

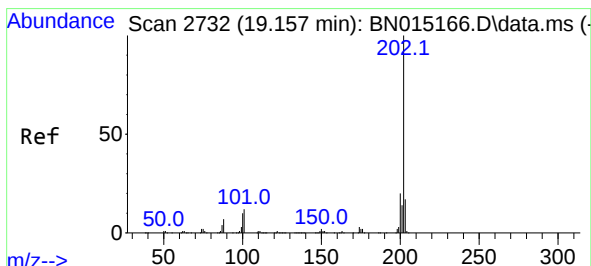
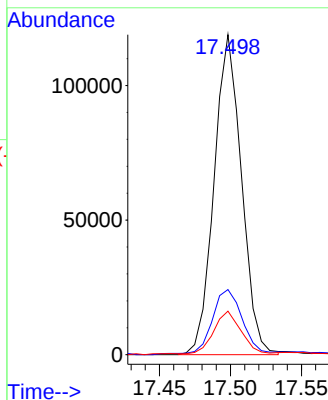
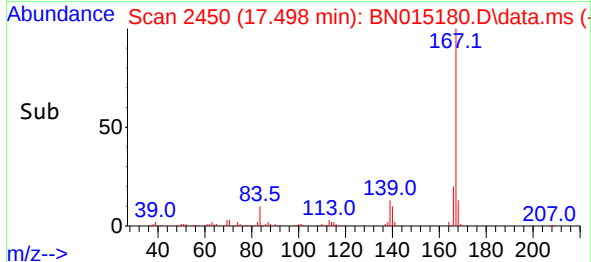
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 BNA_N
 ClientSampleID :
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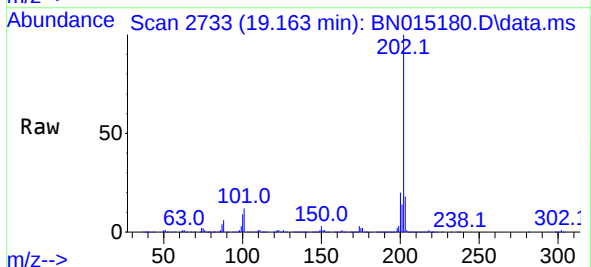
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 Ion Ratio Lower Upper
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 166 20.3 16.4 24.6
 139 13.6 10.0 15.0

Manual Integrations
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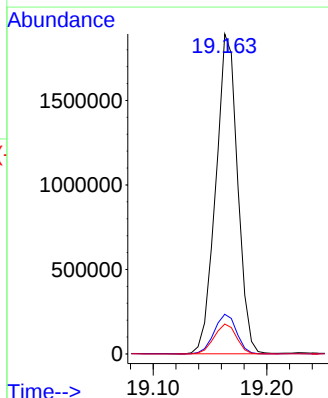
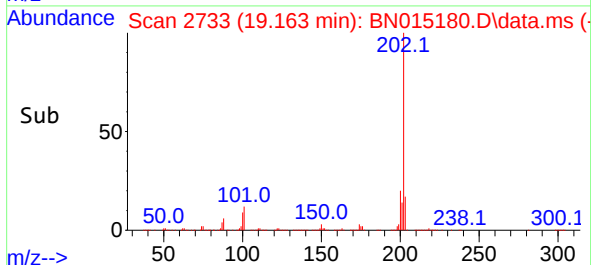
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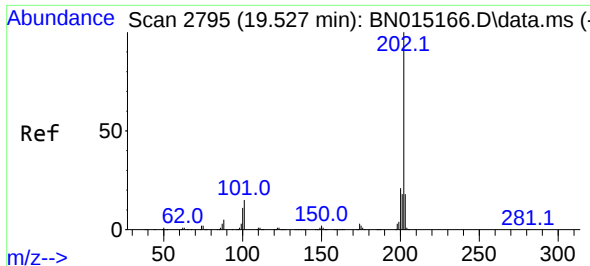


#80
 Fluoranthene
 Concen: 52.641 ng/ul
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN015180.D
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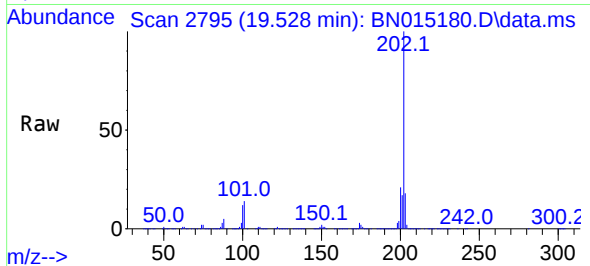
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 Ion Ratio Lower Upper
 202 100
 101 12.4 9.5 14.3
 100 9.3 7.4 11.2





#82
Pyrene
Concen: 40.652 ng/u1
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

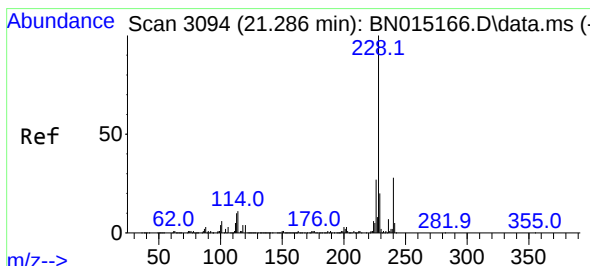
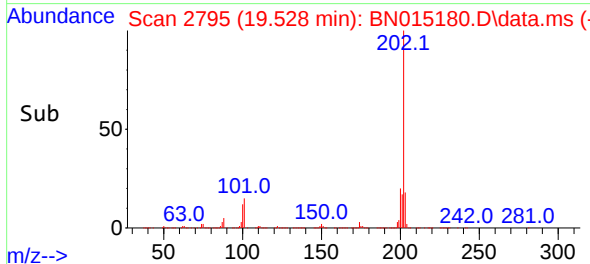
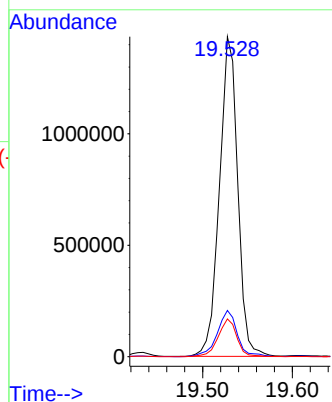
Instrument :
BNA_N
ClientSampleId :
BGDD2DL



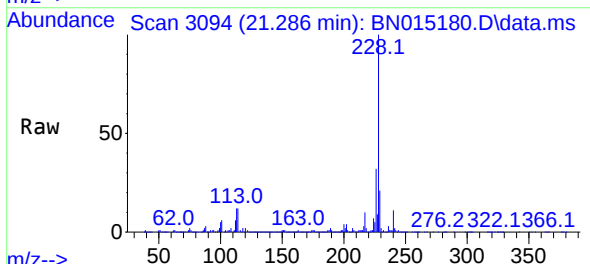
Tgt Ion:202 Resp: 2032503
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.8 9.2 13.8

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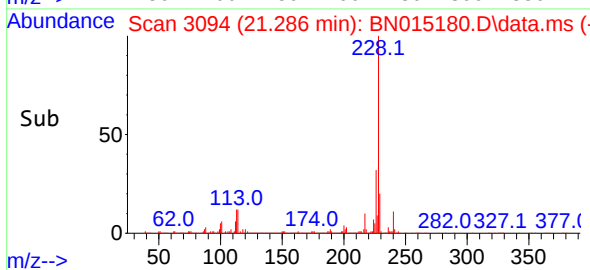
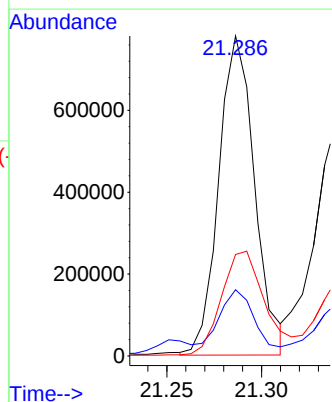
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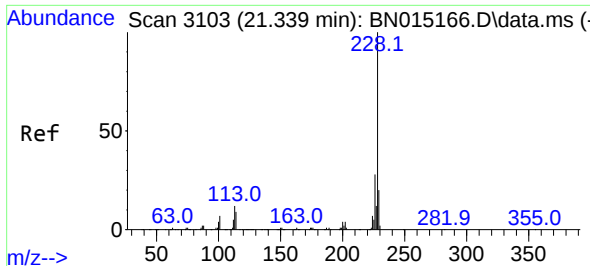


#85
Benzo(a)anthracene
Concen: 21.894 ng/u1
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



Tgt Ion:228 Resp: 1026650
Ion Ratio Lower Upper
228 100
229 20.7 14.8 22.2
226 31.7 20.2 30.4#





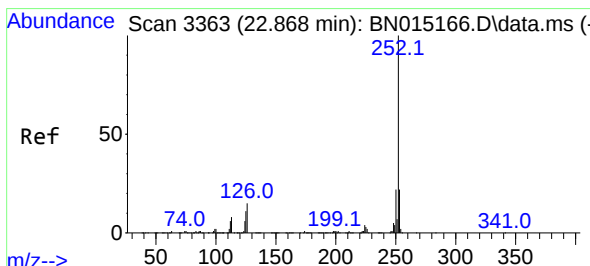
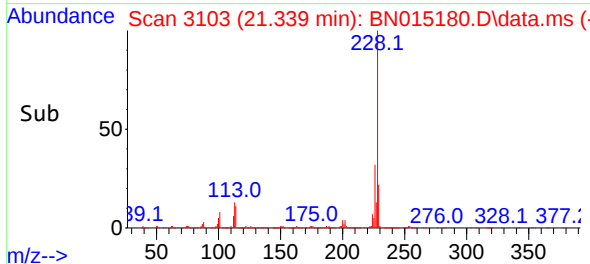
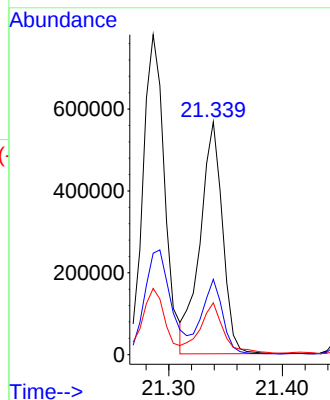
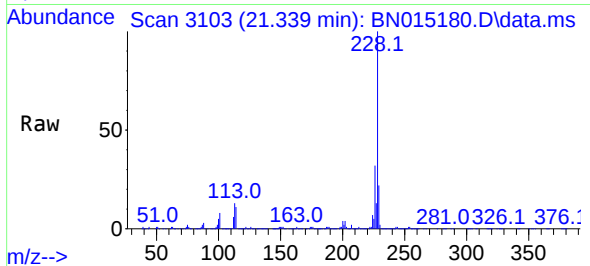
#87
Chrysene
Concen: 16.793 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

Tgt Ion:228 Resp: 775443
Ion Ratio Lower Upper
228 100
226 32.4 22.6 33.8
229 22.3 15.5 23.3

Instrument :
BNA_N
ClientSampleId :
BGDD2DL

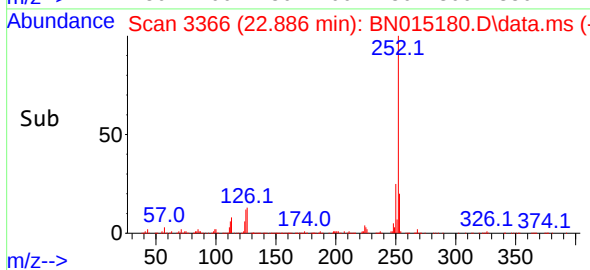
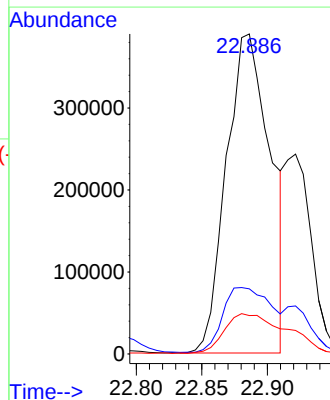
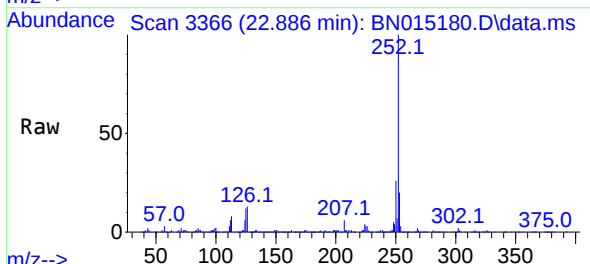
Manual Integrations
APPROVED

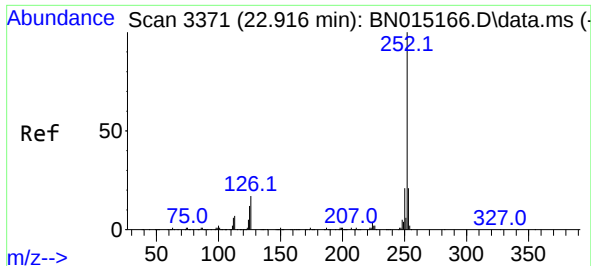
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#90
Benzo(b)fluoranthene
Concen: 18.688 ng/u1
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

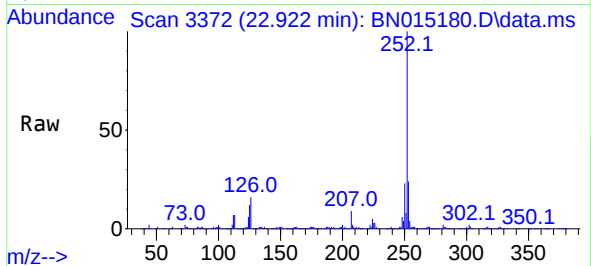
Tgt Ion:252 Resp: 907854
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.8
125 12.0 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 6.752 ng/ul m
RT: 22.922 min Scan# 3372
Delta R.T. 0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

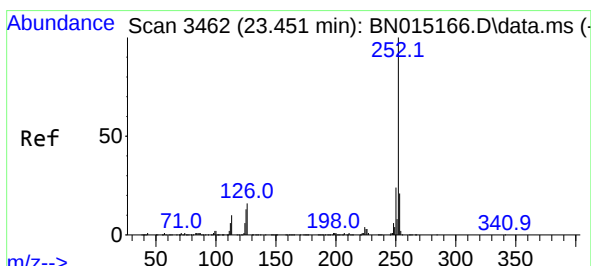
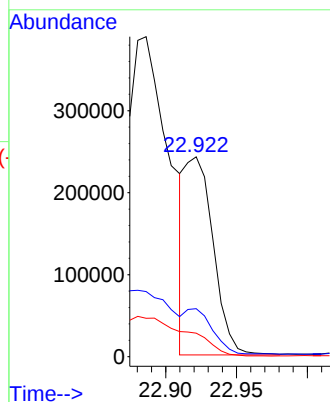
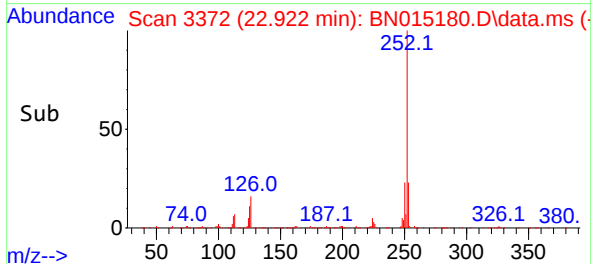
Instrument :
BNA_N
ClientSampleId :
BGDD2DL



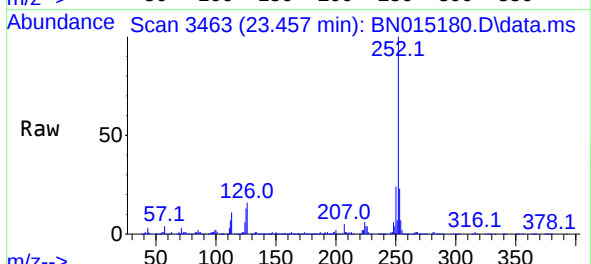
Tgt Ion:252 Resp: 331954
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 11.8 8.8 13.2

Manual Integrations
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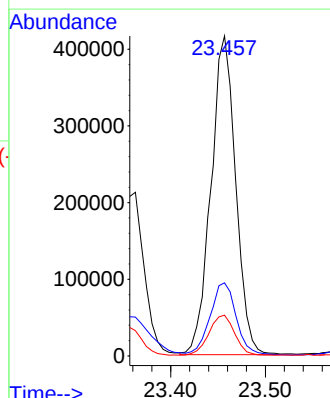
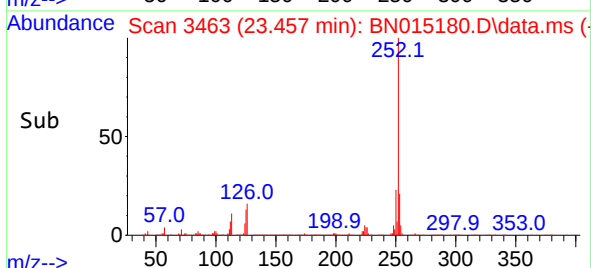
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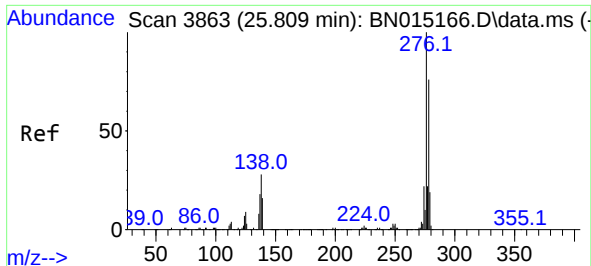


#93
Benzo(a)pyrene
Concen: 17.090 ng/ul
RT: 23.457 min Scan# 3463
Delta R.T. 0.012 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



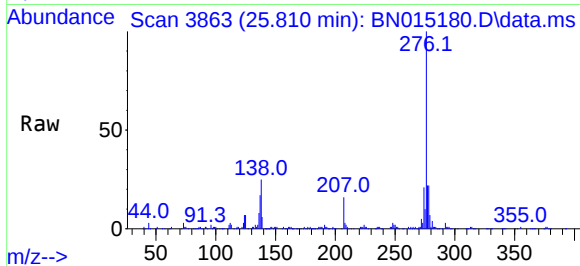
Tgt Ion:252 Resp: 754634
Ion Ratio Lower Upper
252 100
253 22.9 16.4 24.6
125 12.8 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 7.404 ng/ul
RT: 25.810 min Scan# 3863
Delta R.T. 0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48

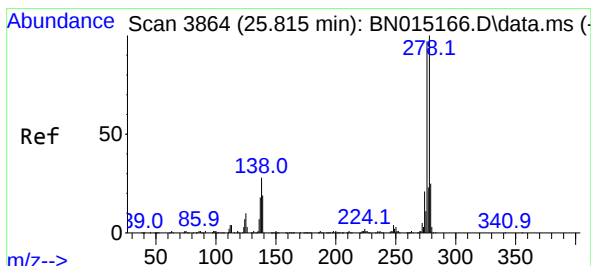
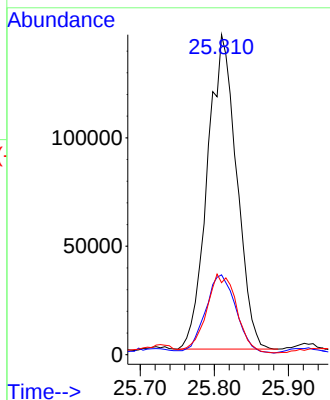
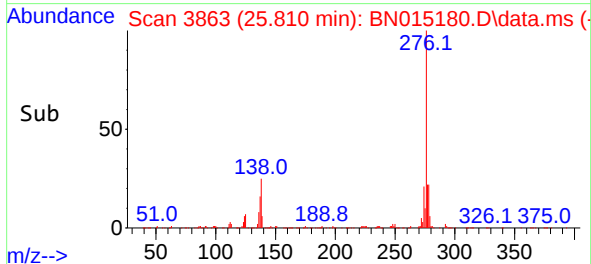
Instrument :
BNA_N
ClientSampled :
BGDD2DL



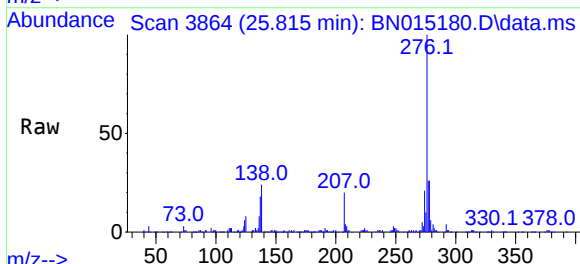
Tgt Ion:276 Resp: 396637
Ion Ratio Lower Upper
276 100
138 31.2 23.0 34.4
277 22.5 19.5 29.3

Manual Integrations
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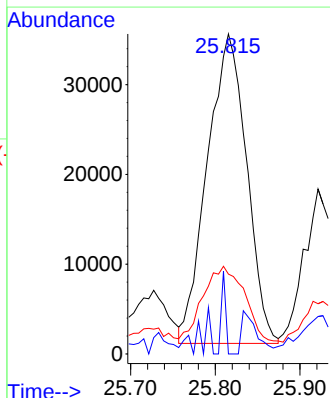
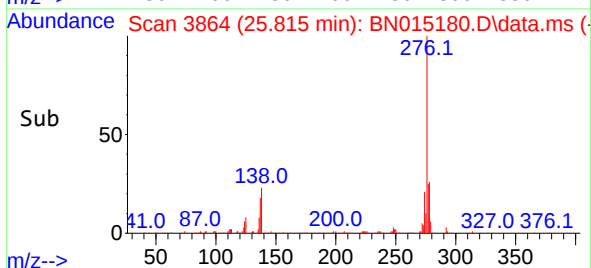
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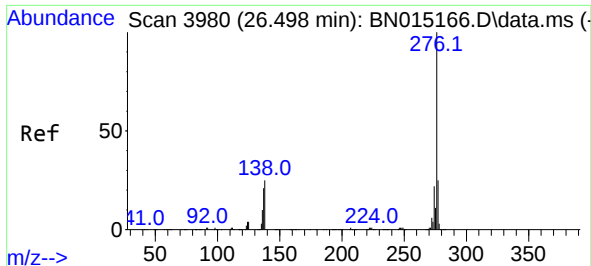


#95
Dibenzo(a,h)anthracene
Concen: 2.507 ng/ul m
RT: 25.815 min Scan# 3864
Delta R.T. -0.006 min
Lab File: BN015180.D
Acq: 28 Jun 2021 17:48



Tgt Ion:278 Resp: 111328
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 24.9 20.2 30.4





#96
 Benzo(g,h,i)perylene
 Concen: 6.723 ng/ul
 RT: 26.504 min Scan# 3981
 Delta R.T. 0.006 min
 Lab File: BN015180.D
 Acq: 28 Jun 2021 17:48

Tgt Ion: 276 Resp: 311316

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.4	29.2
277	24.0	18.4	27.6

Instrument :
 BNA_N
 ClientSampleId :
 BGDD2DL

Manual Integrations
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