

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015085.D
 Acq On : 25 Jun 2021 19:31
 Operator : CG/JU
 Sample : M2680-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC1

Manual Integrations
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6/28/2021 1:25:21 PM

Quant Time: Jun 25 23:11:33 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	157448	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	637647	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	383976	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	756276	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	641936	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	732520	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14352	3.547	ng/uL	0.00
4) Pyridine-d5	3.681	84	110872	10.163	ng/u1	0.00
7) Phenol-d5	6.893	99	251599	18.411	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	150807	18.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	201532	19.449	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	199521	18.918	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	95049	21.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	89227	22.965	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	182210	19.869	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	234957	16.532	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	565655	21.453	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	703447	20.552	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	60024	13.052	ng/u1	0.00
60) Fluorene-d10	15.345	176	505734	22.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	20602	6.596	ng/u1	0.00
73) Anthracene-d10	17.198	188	771323	22.283	ng/u1	0.00
81) Pyrene-d10	19.498	212	805480	23.939	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	845367	23.377	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.922	94	15296	1.104	ng/u1	98
16) Acetophenone	8.540	105	18204	1.139	ng/u1	95
30) Naphthalene	10.551	128	387326	11.904	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	38160	1.694	ng/u1	96
37) 1-Methylnaphthalene	12.387	142	31831	1.410	ng/u1	98
50) Acenaphthylene	14.075	152	173525	5.373	ng/u1	98
52) Acenaphthene	14.416	153	724698	31.894	ng/u1	99
56) Dibenzofuran	14.751	168	154053	4.827	ng/u1	98
61) Fluorene	15.404	166	541625	21.439	ng/u1	94
72) Phenanthrene	17.145	178	3839539	96.190	ng/u1	100
74) Anthracene	17.233	178	1424847	34.771	ng/u1	99
77) Carbazole	17.498	167	40550	1.098	ng/u1	95
80) Fluoranthene	19.169	202	5349345	131.705	ng/u1	99
82) Pyrene	19.533	202	4370363	103.236	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3173691	79.932	ng/u1#	85
86) Bis(2-ethylhexyl)phtha...	21.227	149	107961	4.468	ng/u1	99
87) Chrysene	21.339	228	2655187	67.910	ng/u1	95
90) Benzo(b)fluoranthene	22.886	252	3464355	78.537	ng/u1	98
91) Benzo(k)fluoranthene	22.921	252	1132633m	25.370	ng/u1	
93) Benzo(a)pyrene	23.457	252	2812965	70.160	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.815	276	1647181	33.863	ng/u1	94
95) Dibenzo(a,h)anthracene	25.815	278	459709m	11.402	ng/u1	
96) Benzo(g,h,i)perylene	26.509	276	1315637	31.289	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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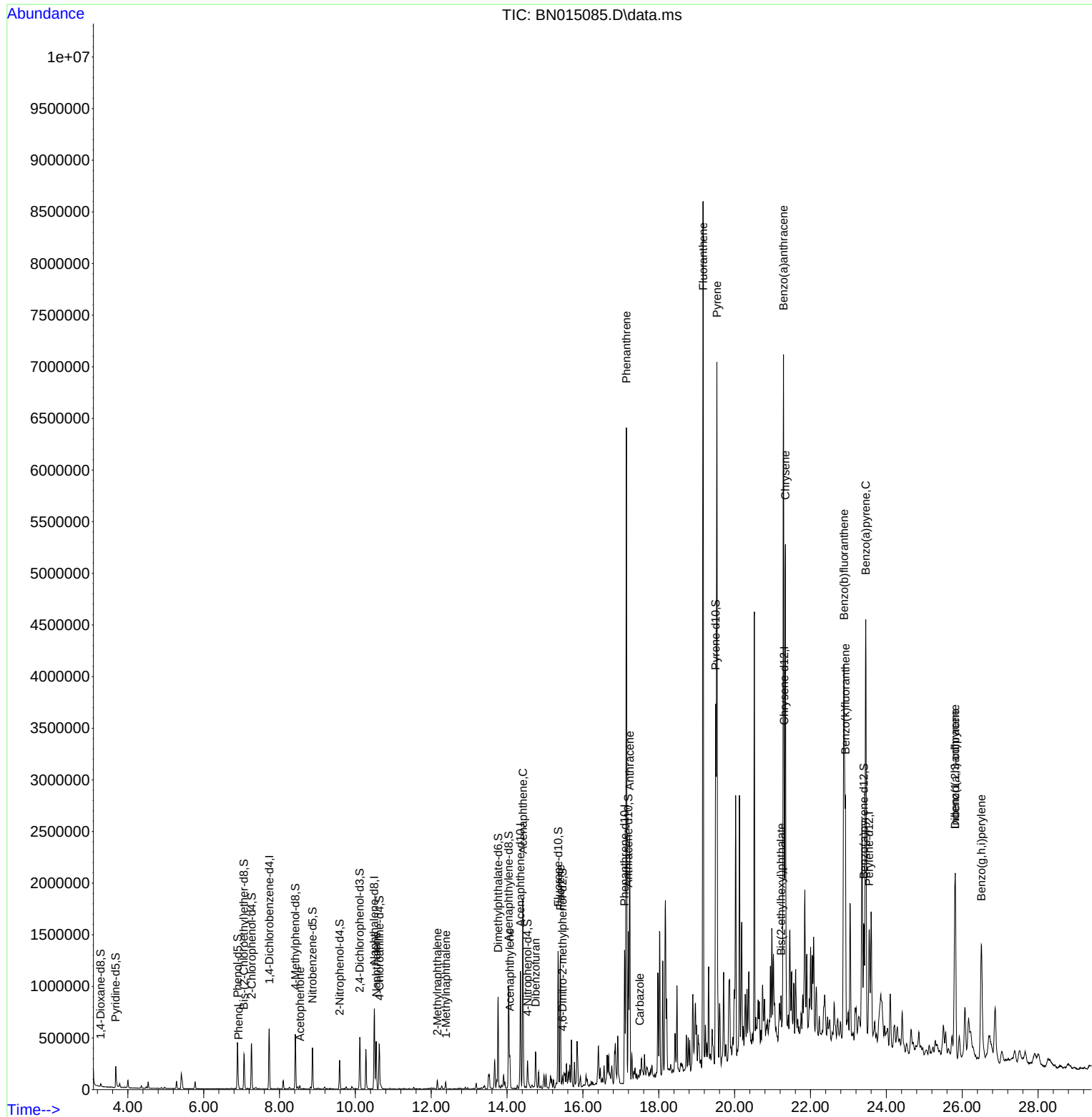
Instrument :
BNA_N
ClientSampleId :
BGDC1

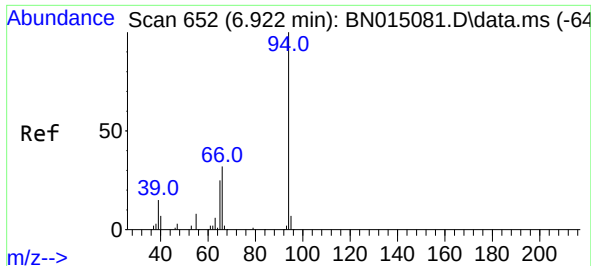
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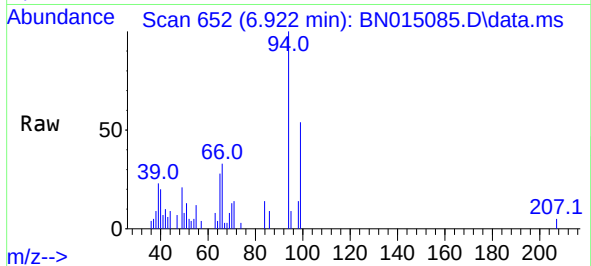
Quant Time: Jun 25 23:11:33 2021
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#8
Phenol
Concen: 1.104 ng/u1
RT: 6.922 min Scan# 652
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampled :
BGDC1

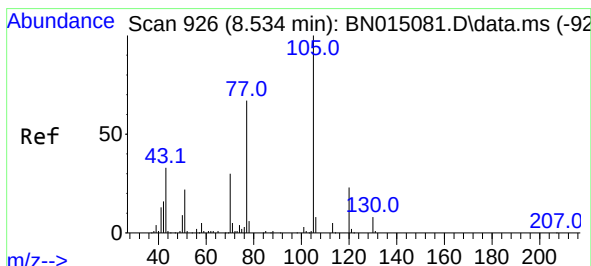
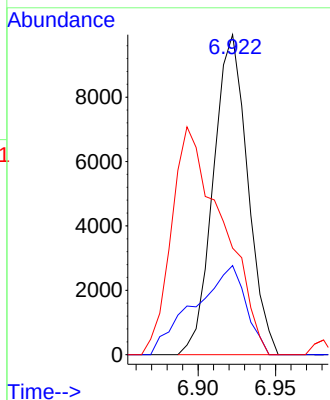
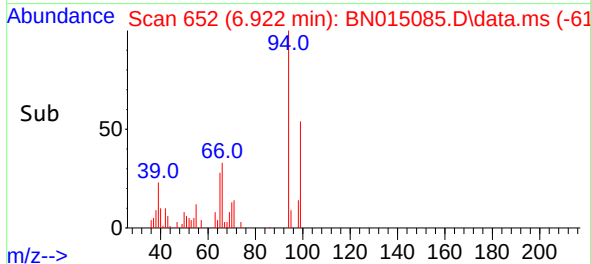


Tgt Ion: 94 Resp: 15296
Ion Ratio Lower Upper
94 100
65 27.9 21.4 32.0
66 33.3 27.8 41.6

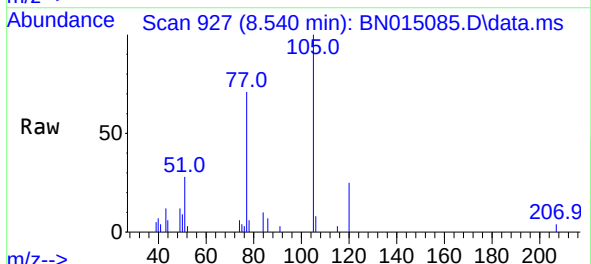
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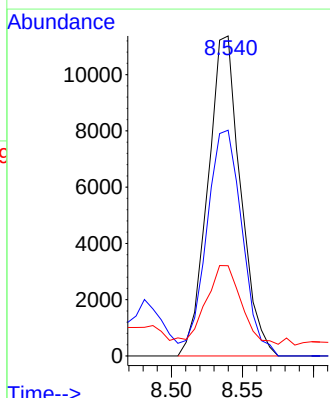
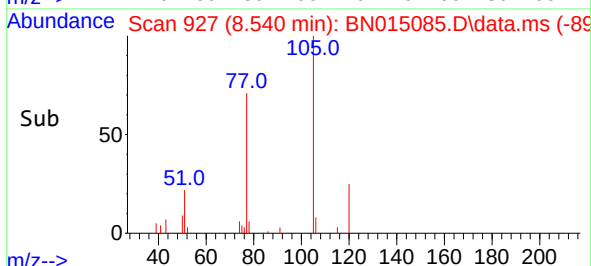
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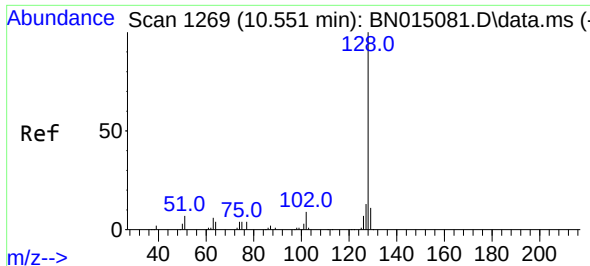


#16
Acetophenone
Concen: 1.139 ng/u1
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



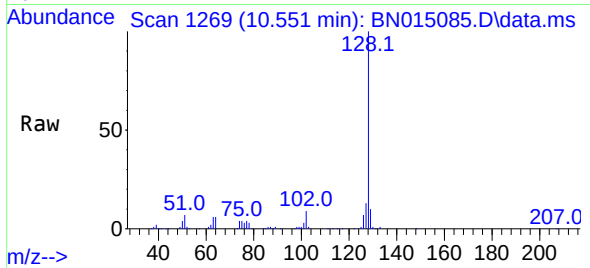
Tgt Ion: 105 Resp: 18204
Ion Ratio Lower Upper
105 100
77 70.6 59.9 89.9
51 28.2 20.0 30.0





#30
Naphthalene
Concen: 11.904 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampled :
BGDC1

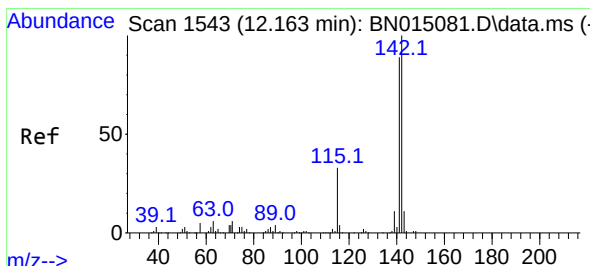
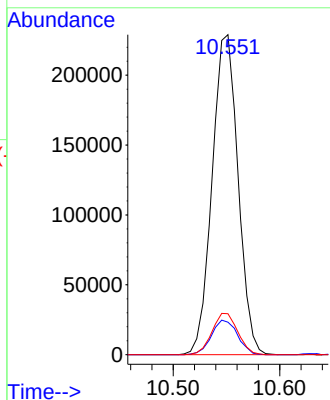
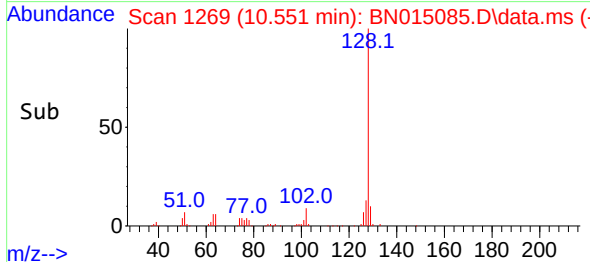


Tgt Ion:128 Resp: 387326
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 12.8 10.6 16.0

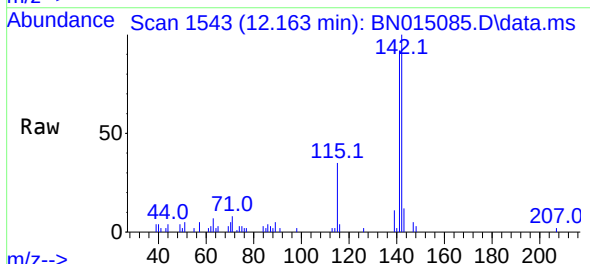
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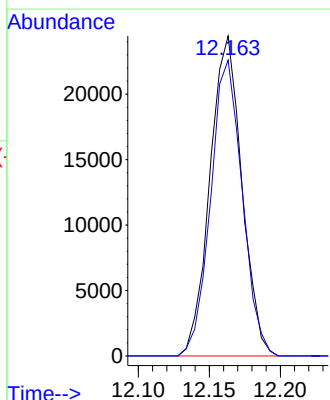
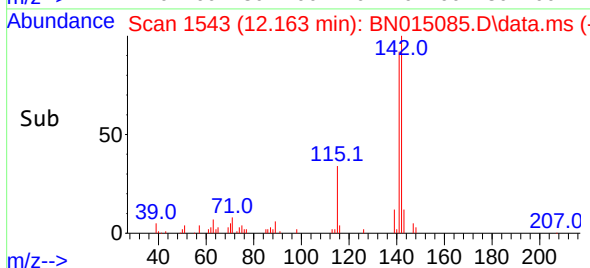
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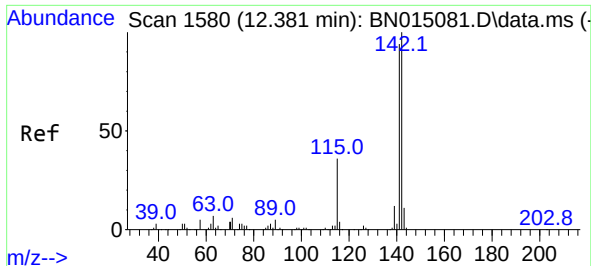


#36
2-Methylnaphthalene
Concen: 1.694 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

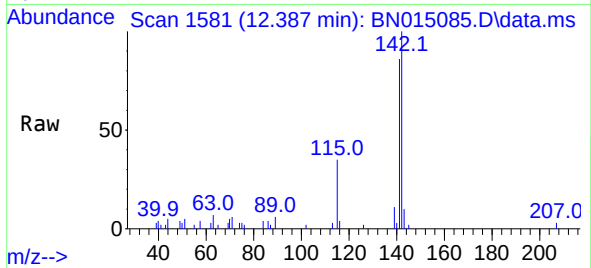


Tgt Ion:142 Resp: 38160
Ion Ratio Lower Upper
142 100
141 92.5 71.0 106.6

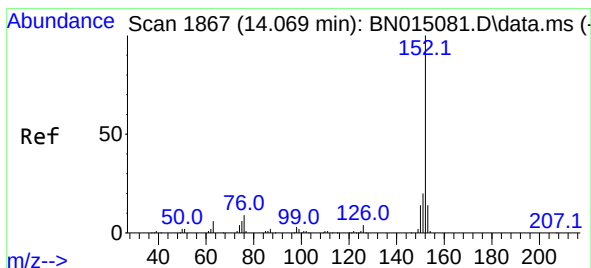
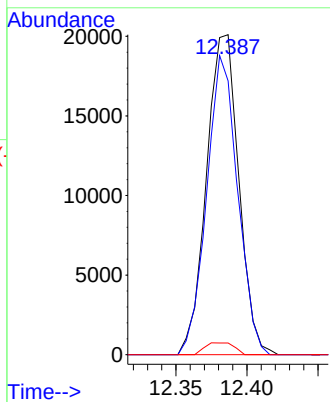
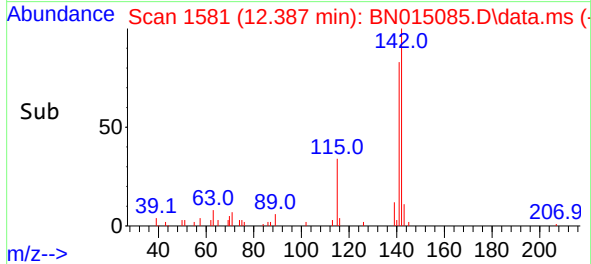




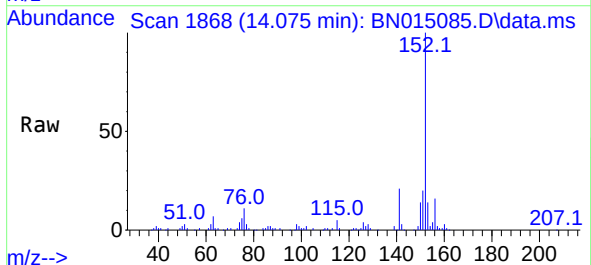
#37
1-Methylnaphthalene
Concen: 1.410 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



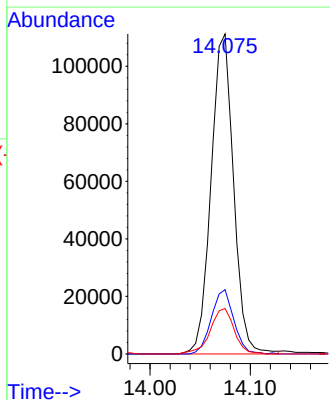
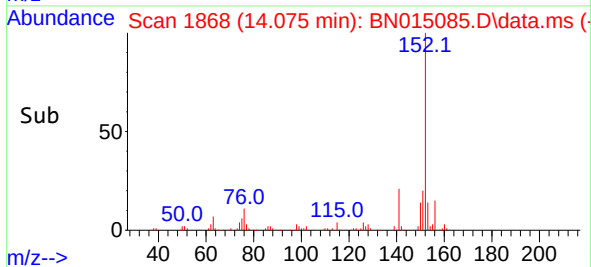
Tgt Ion:142 Resp: 31831
Ion Ratio Lower Upper
142 100
141 85.6 69.6 104.4
116 3.7 3.0 4.6



#50
Acenaphthylene
Concen: 5.373 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



Tgt Ion:152 Resp: 173525
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 14.2 10.0 15.0

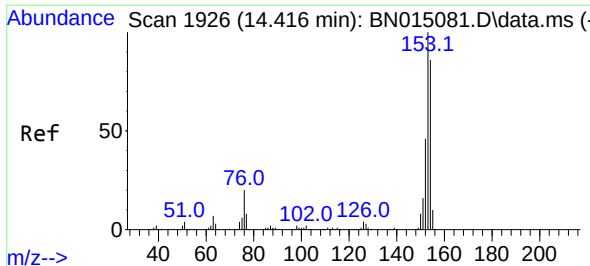


Instrument :
BNA_N
ClientSampled :
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#52
Acenaphthene
Concen: 31.894 ng/u1
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

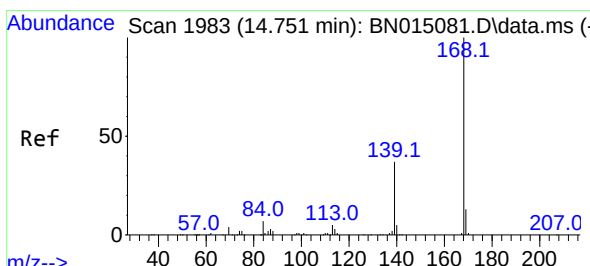
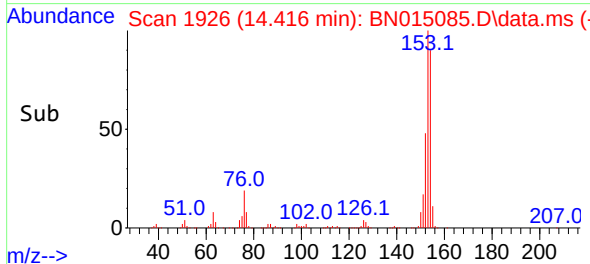
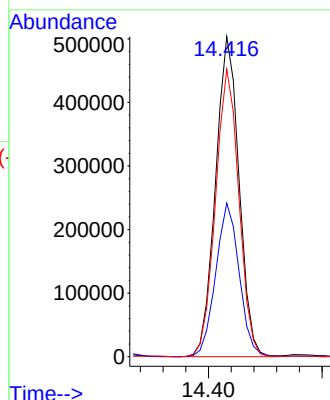
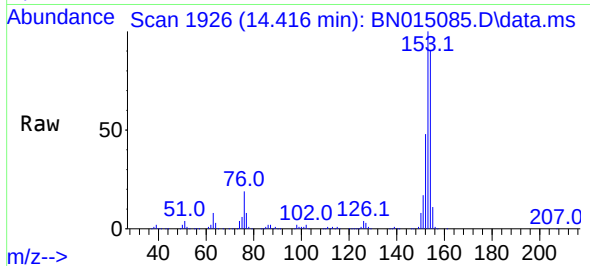
Instrument :
BNA_N
ClientSampled :
BGDC1

Tgt Ion:153 Resp: 724698
Ion Ratio Lower Upper
153 100
152 48.0 37.6 56.4
154 89.8 71.6 107.4

Manual Integrations
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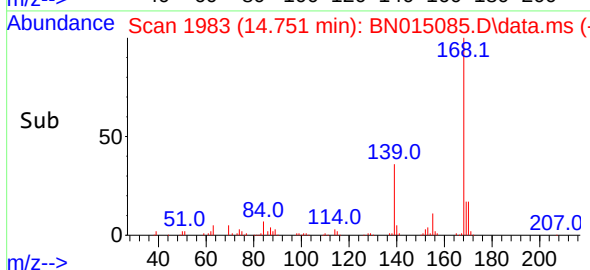
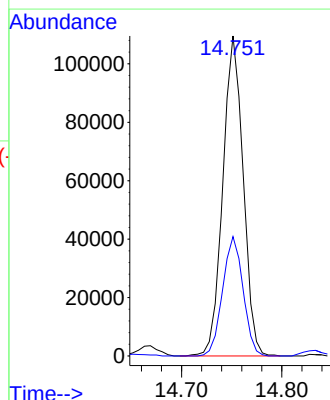
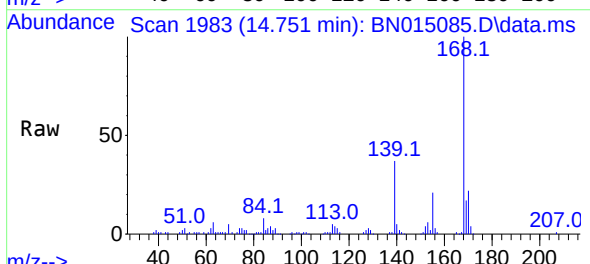
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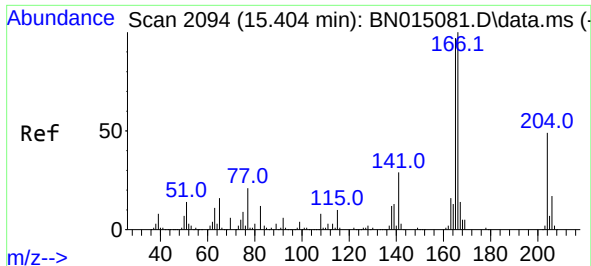
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#56
Dibenzofuran
Concen: 4.827 ng/u1
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

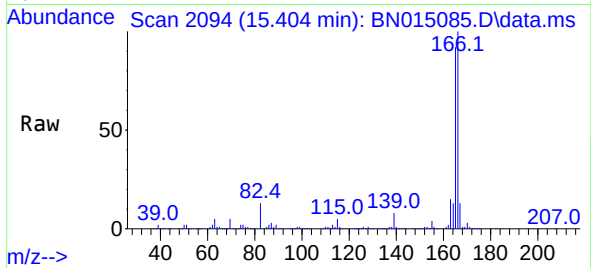
Tgt Ion:168 Resp: 154053
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.4





#61
Fluorene
Concen: 21.439 ng/u1
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015085.D
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Instrument :
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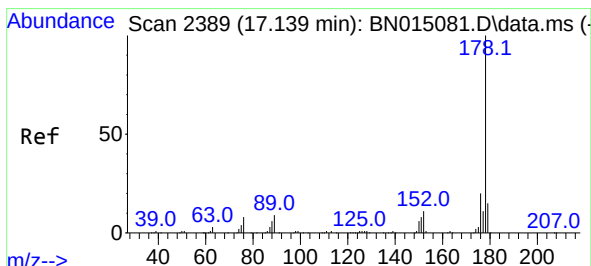
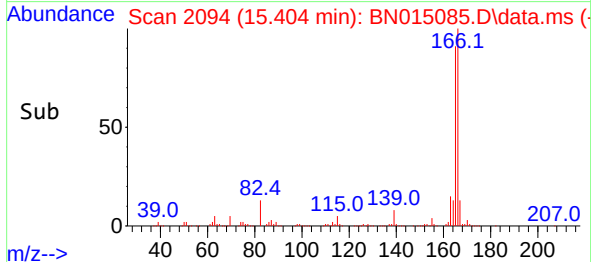
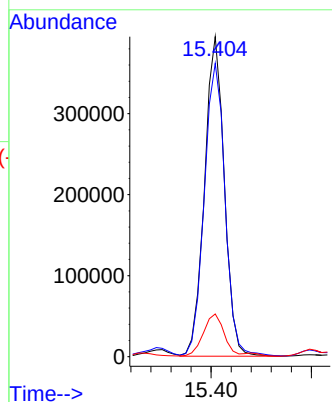


Tgt Ion:166 Resp: 541625
Ion Ratio Lower Upper
166 100
165 91.7 78.2 117.4
167 13.4 11.0 16.4

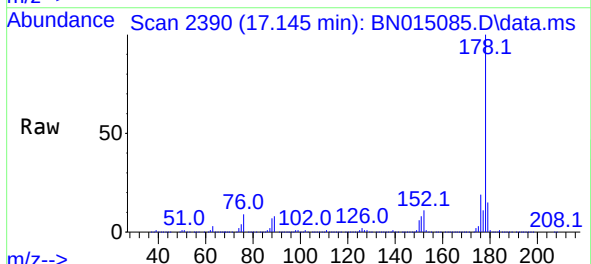
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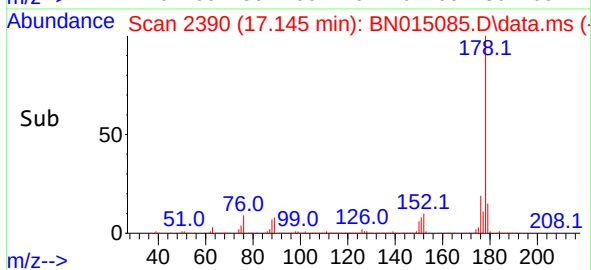
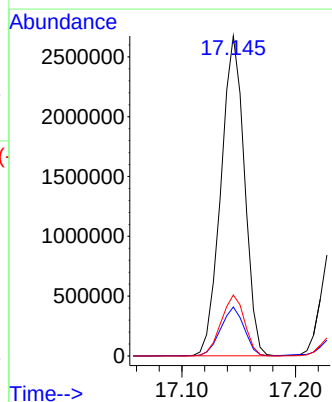
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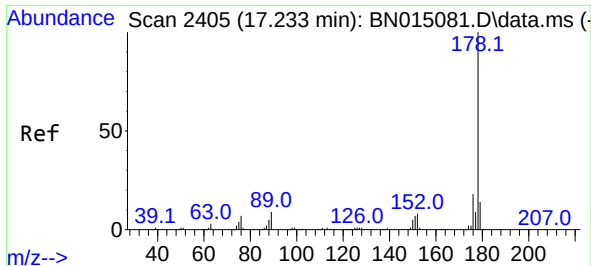


#72
Phenanthrene
Concen: 96.190 ng/u1
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



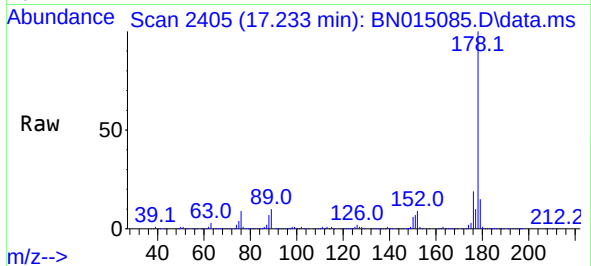
Tgt Ion:178 Resp: 3839539
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.0 15.4 23.2





#74
 Anthracene
 Concen: 34.771 ng/u1
 RT: 17.233 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: BN015085.D
 Acq: 25 Jun 2021 19:31

Instrument :
 BNA_N
 ClientSampled :
 BGDC1

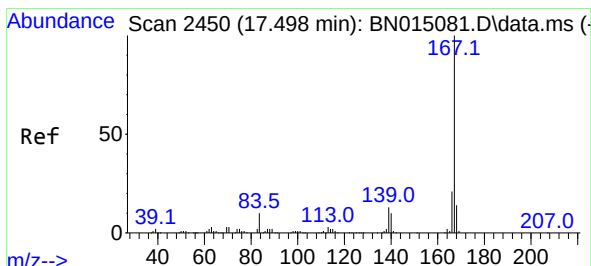
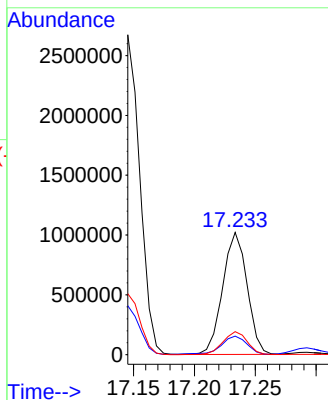
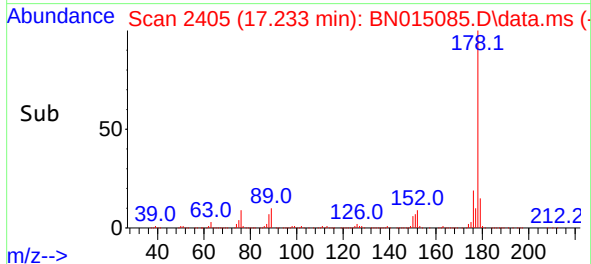


Tgt Ion:178 Resp: 1424847
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.6 17.4
 176 18.8 14.6 21.8

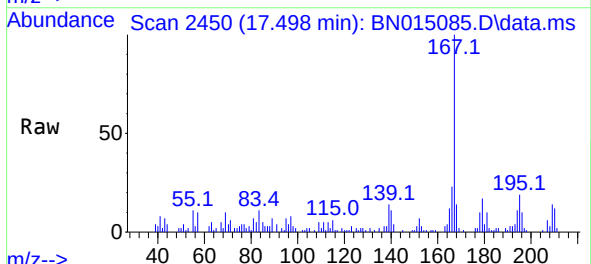
Manual Integrations
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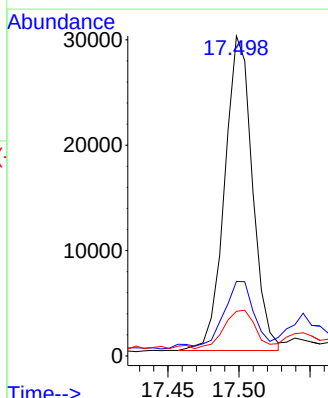
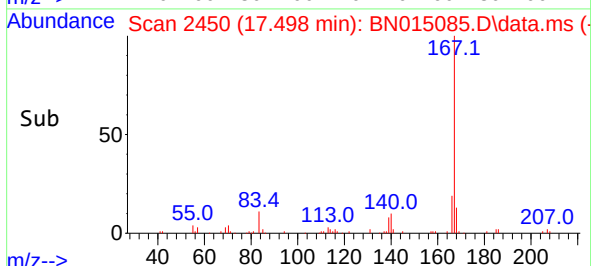
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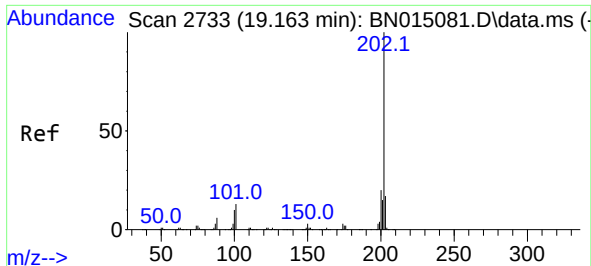


#77
 Carbazole
 Concen: 1.098 ng/u1
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015085.D
 Acq: 25 Jun 2021 19:31



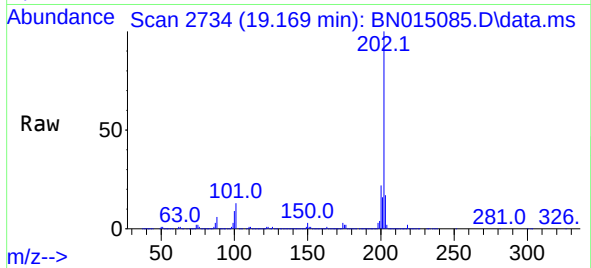
Tgt Ion:167 Resp: 40550
 Ion Ratio Lower Upper
 167 100
 166 23.3 16.4 24.6
 139 14.0 10.0 15.0





#80
Fluoranthene
Concen: 131.705 ng/u1
RT: 19.169 min Scan# 2734
Delta R.T. 0.006 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampled :
BGDC1

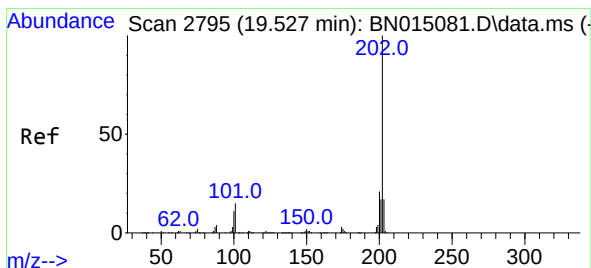
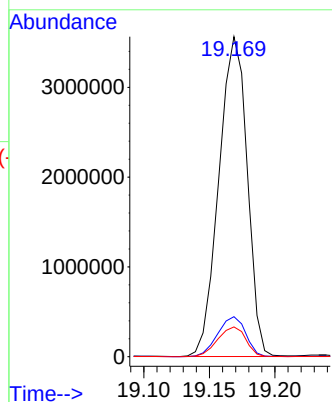


Tgt Ion:202 Resp: 5349345
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 9.3 7.4 11.2

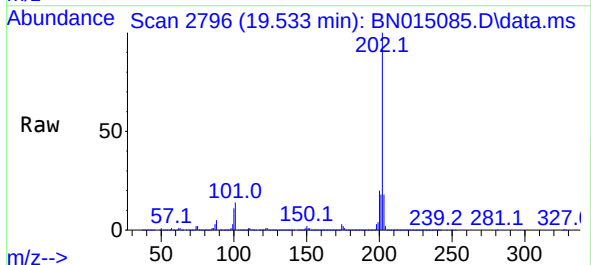
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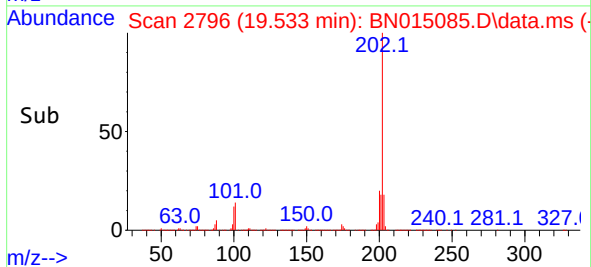
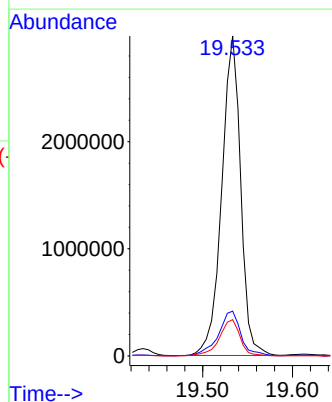
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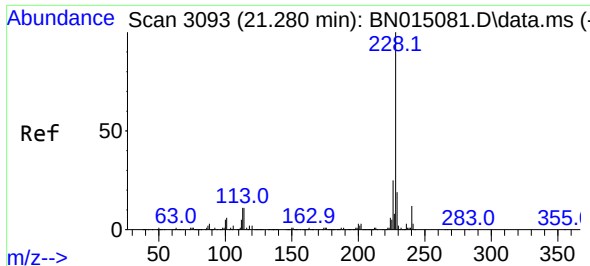


#82
Pyrene
Concen: 103.236 ng/u1
RT: 19.533 min Scan# 2796
Delta R.T. 0.006 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



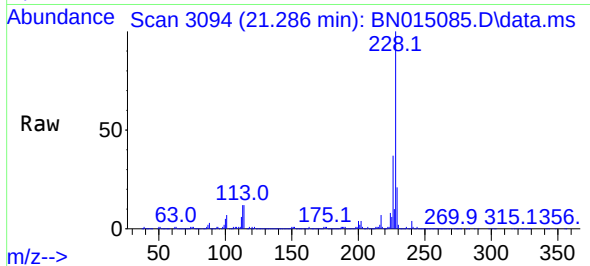
Tgt Ion:202 Resp: 4370363
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.4 9.2 13.8





#85
Benzo(a)anthracene
Concen: 79.932 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampled :
BGDC1



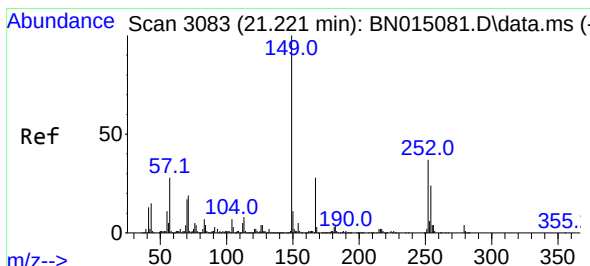
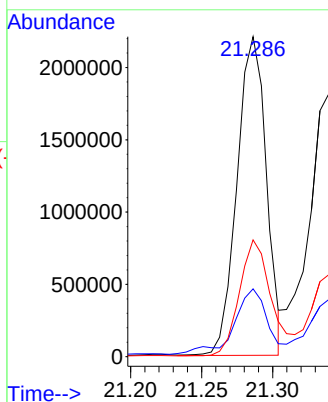
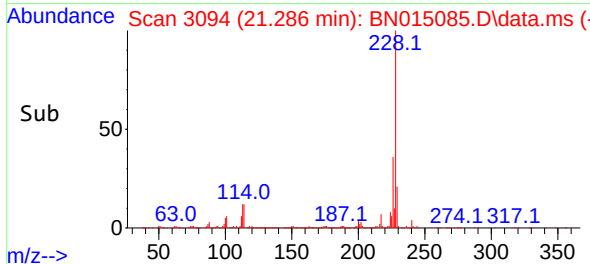
Tgt Ion:228 Resp: 3173691

Ion	Ratio	Lower	Upper
228	100		
229	21.2	14.8	22.2
226	36.5	20.2	30.4#

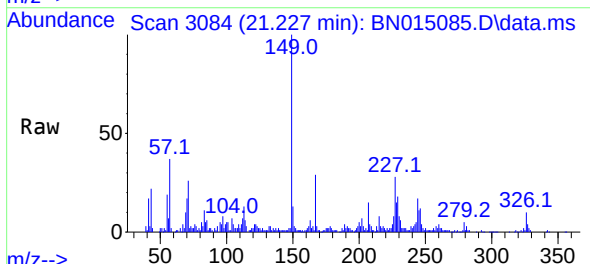
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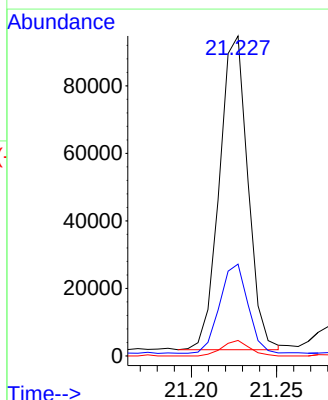
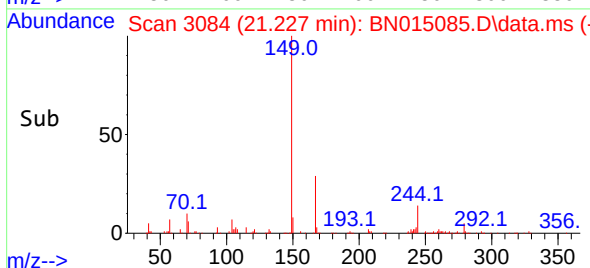


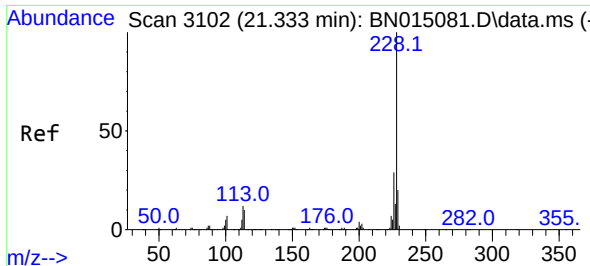
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.468 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



Tgt Ion:149 Resp: 107961

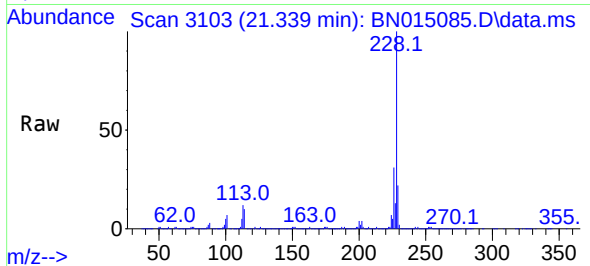
Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	4.8	3.4	5.2





#87
Chrysene
Concen: 67.910 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampled :
BGDC1

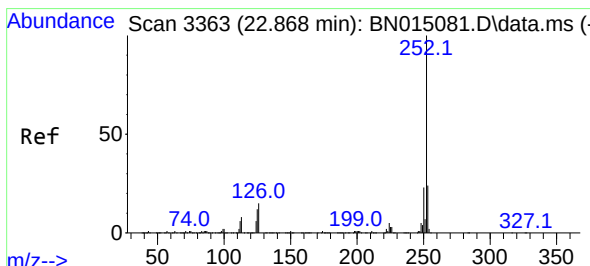
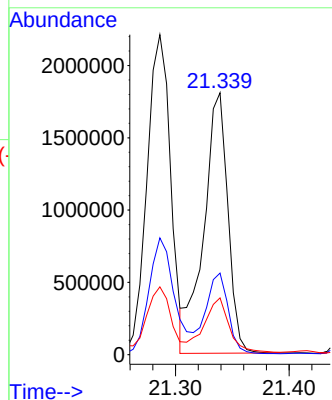


Tgt Ion:228 Resp: 2655187
Ion Ratio Lower Upper
228 100
226 31.1 22.6 33.8
229 21.7 15.5 23.3

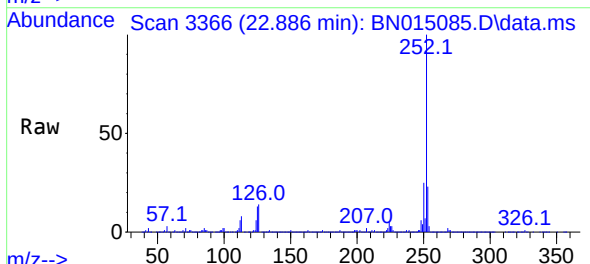
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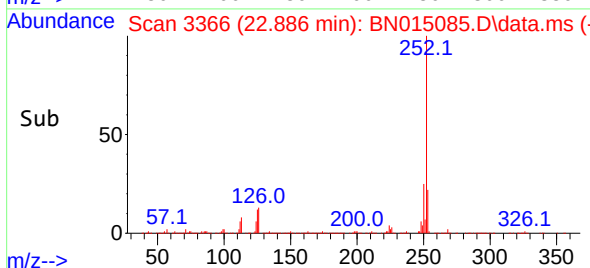
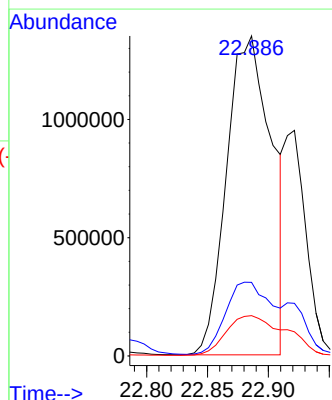
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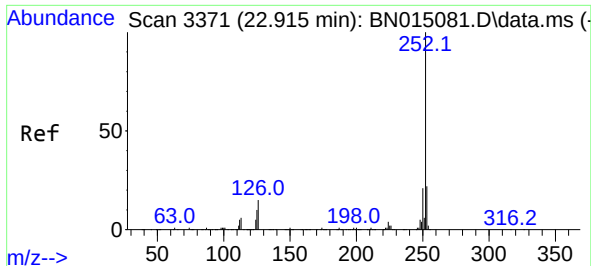


#90
Benzo(b)fluoranthene
Concen: 78.537 ng/u1
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



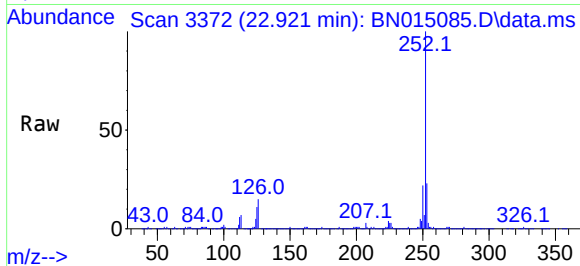
Tgt Ion:252 Resp: 3464355
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.6 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 25.370 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. 0.006 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampleId :
BGDC1

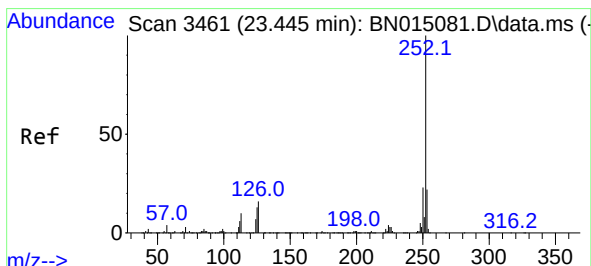
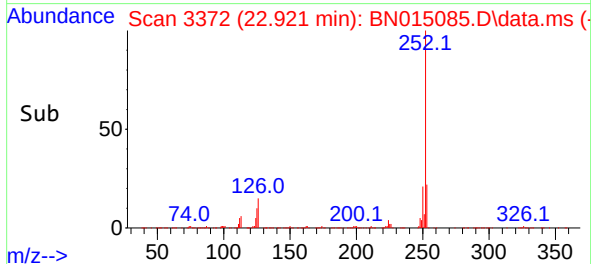
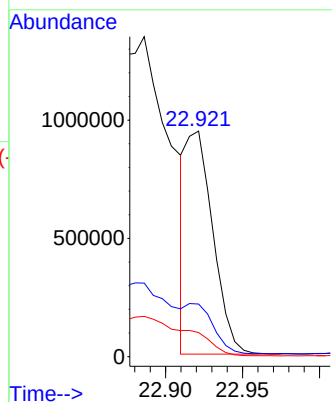


Tgt Ion:252 Resp: 1132633
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 10.7 8.8 13.2

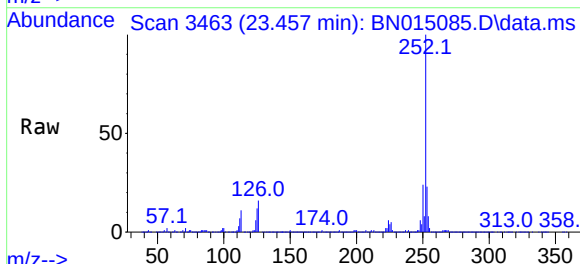
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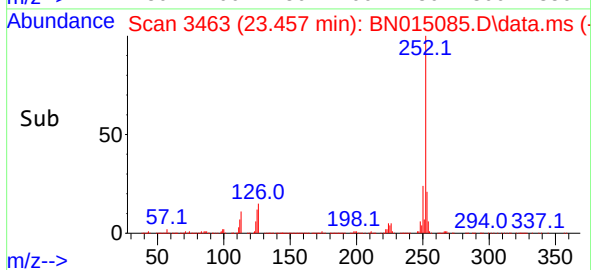
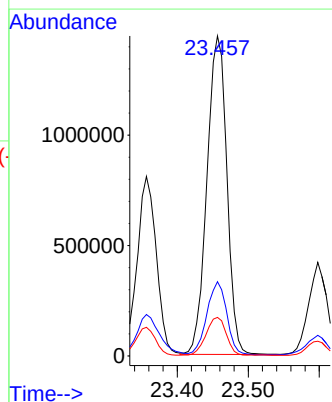
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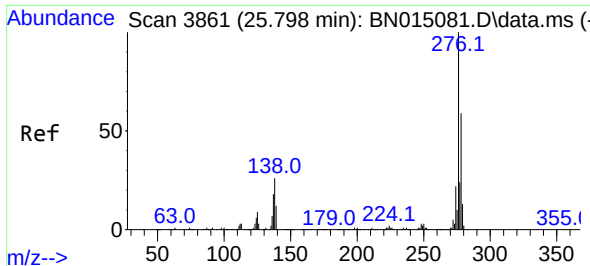


#93
Benzo(a)pyrene
Concen: 70.160 ng/ul
RT: 23.457 min Scan# 3463
Delta R.T. 0.012 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



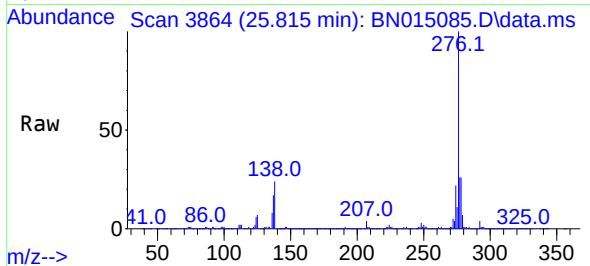
Tgt Ion:252 Resp: 2812965
Ion Ratio Lower Upper
252 100
253 23.2 16.4 24.6
125 12.1 9.3 13.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 33.863 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. 0.012 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Instrument :
BNA_N
ClientSampled :
BGDC1

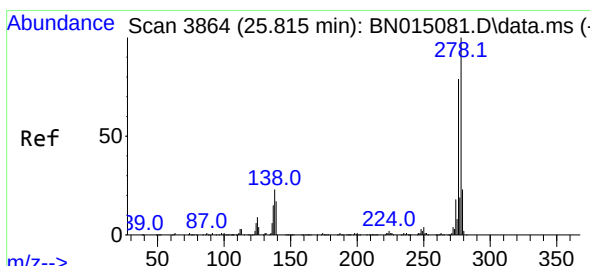
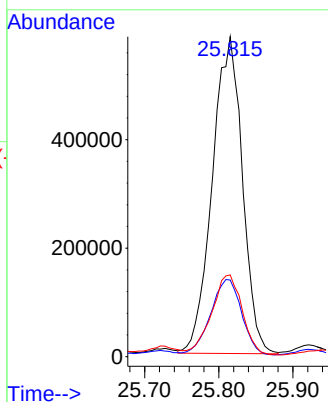
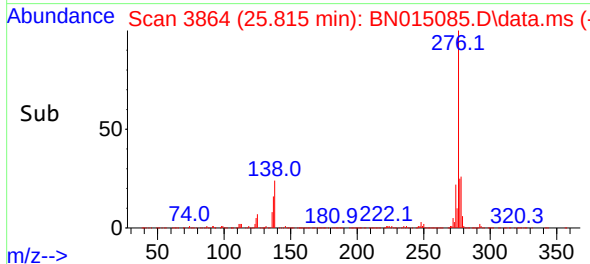


Tgt Ion:276 Resp: 1647181
Ion Ratio Lower Upper
276 100
138 24.0 23.0 34.4
277 25.6 19.5 29.3

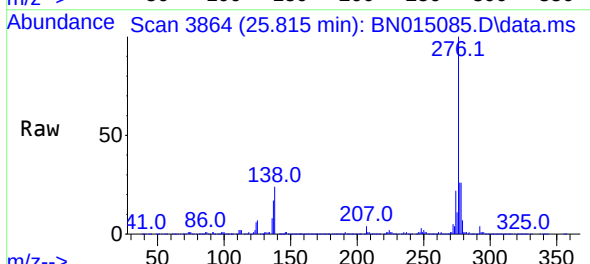
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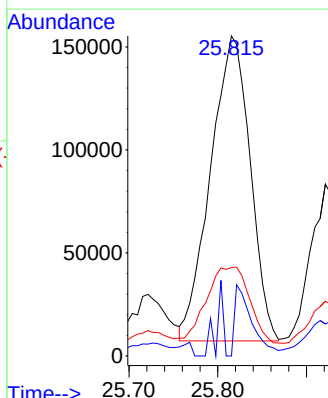
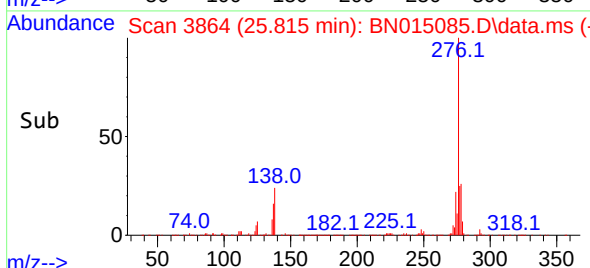
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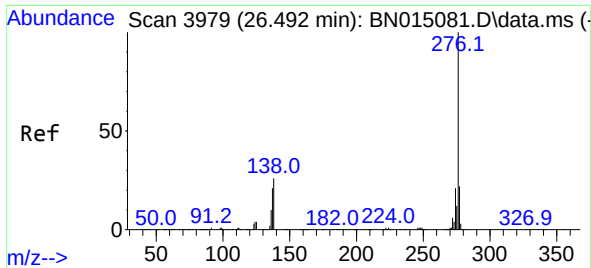


#95
Dibenzo(a,h)anthracene
Concen: 11.402 ng/ul m
RT: 25.815 min Scan# 3864
Delta R.T. -0.006 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31



Tgt Ion:278 Resp: 459709
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 27.7 20.2 30.4





#96
Benzo(g,h,i)perylene
Concen: 31.289 ng/ul
RT: 26.509 min Scan# 3982
Delta R.T. 0.012 min
Lab File: BN015085.D
Acq: 25 Jun 2021 19:31

Tgt Ion: 276 Resp: 1315637
Ion Ratio Lower Upper
276 100
138 23.0 19.4 29.2
277 23.0 18.4 27.6

Instrument :
BNA_N
ClientSampleId :
BGDC1

Manual Integrations
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