

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
 Data File : BN012097.D
 Acq On : 07 Oct 2020 15:11
 Operator : CG/JU
 Sample : L4184-04DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK6DL

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Quant Time: Oct 07 16:06:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 07 13:26:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	347655	20.00	ng/ul	0.01
18) Naphthalene-d8	10.428	136	1406691	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	828191	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1644804	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1432281	20.00	ng/ul	0.00
86) Perylene-d12	23.468	264	1638547	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9036	1.13	ng/uL	0.02
5) Phenol-d5	6.834	99	145882	5.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)eth...	6.993	67	97972	5.50	ng/ul	0.01
9) 2-Chlorophenol-d4	7.187	132	126546	5.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.358	113	121268	5.31	ng/ul	0.01
19) Nitrobenzene-d5	8.805	128	61003	5.46	ng/ul	0.01
22) 2-Nitrophenol-d4	9.522	143	61450	5.09	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.052	165	123432	5.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	84905	3.11	ng/ul	0.01
44) Dimethylphthalate-d6	13.704	166	394510	6.07	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	457401	5.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.504	143	29142	2.44	ng/ul	0.01
58) Fluorene-d10	15.292	176	325558	5.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.416	200	9401	0.90	ng/ul	0.00
71) Anthracene-d10	17.139	188	502924	6.31	ng/ul	0.00
79) Pyrene-d10	19.445	212	484511	6.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	528541	5.75	ng/ul	0.00
Target Compounds						
					Qvalue	
28) Naphthalene	10.475	128	276209	3.43	ng/ul	97
34) 2-Methylnaphthalene	12.093	142	171828	3.11	ng/ul	85
45) Dimethylphthalate	13.751	163	190828	2.85	ng/ul	99
50) Acenaphthene	14.357	153	328836	5.62	ng/ul	99
54) Dibenzofuran	14.692	168	480503	6.01	ng/ul	98
59) Fluorene	15.345	166	575129	8.59	ng/ul	93
70) Phenanthrene	17.092	178	5693829	56.82	ng/ul	99
72) Anthracene	17.175	178	1808232	17.87	ng/ul	98
75) Carbazole	17.445	167	331455	3.77	ng/ul	98
77) Fluoranthene	19.116	202	7289999	64.77	ng/ul	99
80) Pyrene	19.480	202	6175894	59.78	ng/ul	99
83) Benzo(a)anthracene	21.239	228	3598081	37.29	ng/ul	99
85) Chrysene	21.292	228	3043411m	32.08	ng/ul	
88) Benzo(b)fluoranthene	22.810	252	4179552	36.41	ng/ul	99
89) Benzo(k)fluoranthene	22.845	252	1596424m	14.12	ng/ul	
91) Benzo(a)pyrene	23.374	252	3186848	30.61	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.686	276	2384645	17.94	ng/ul	97
93) Dibenzo(a,h)anthracene	25.692	278	670780	6.12	ng/ul#	81
94) Benzo(g,h,i)perylene	26.368	276	2032995	17.95	ng/ul	98

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

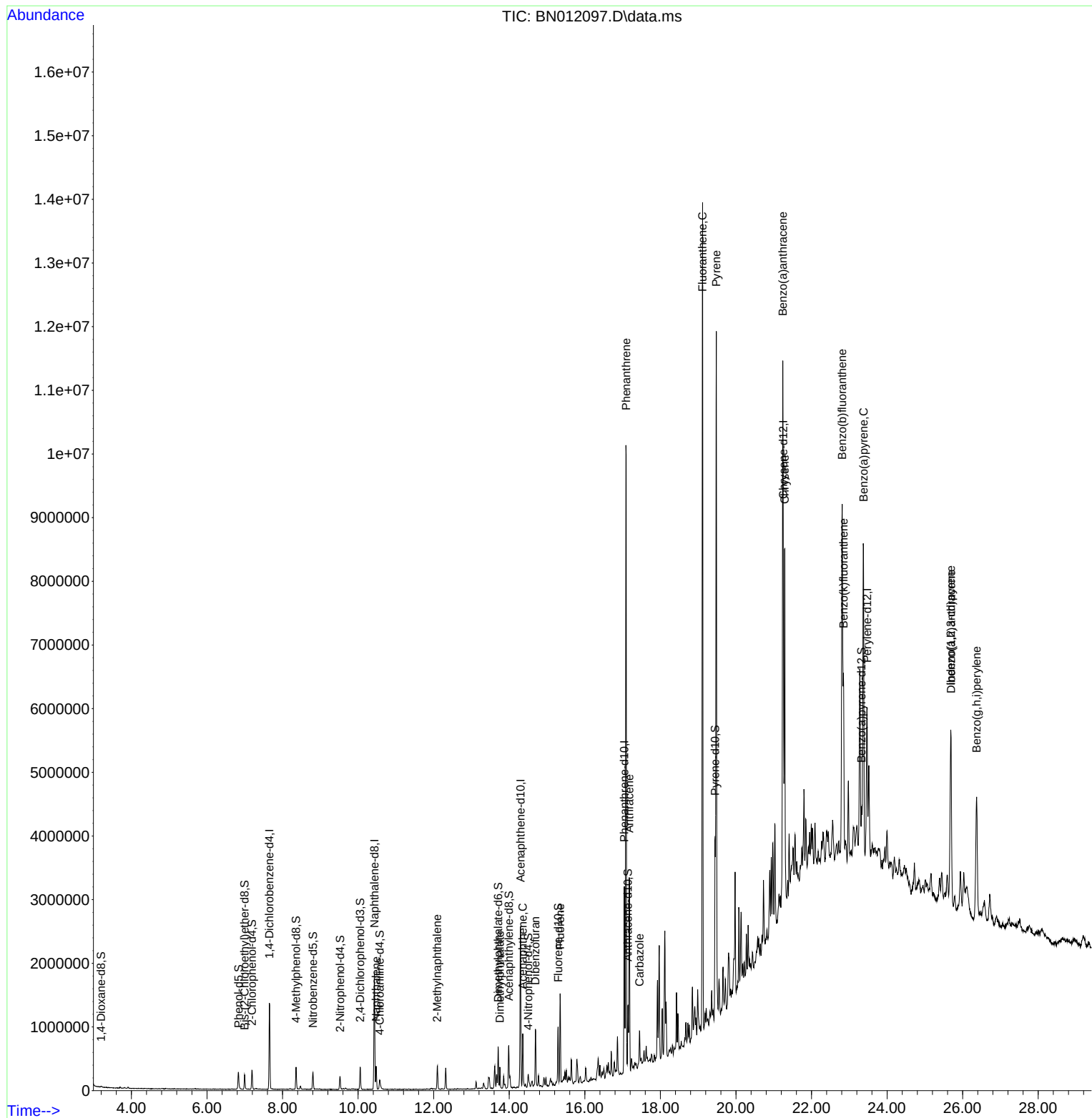
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012097.D
Acq On : 07 Oct 2020 15:11
Operator : CG/JU
Sample : L4184-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

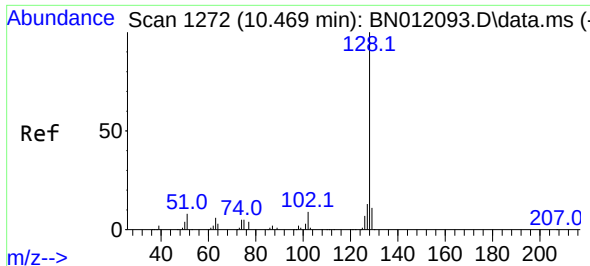
Instrument :
BNA_N
ClientSampleId :
C0AK6DL

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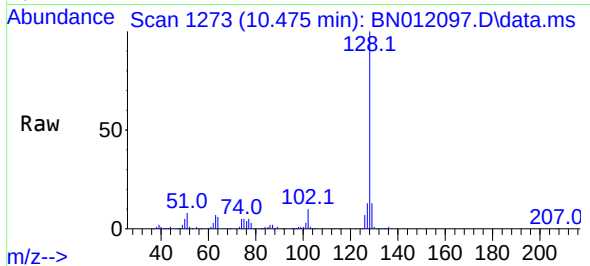
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 13:26:33 2020
Response via : Initial Calibration





#28
Naphthalene
Concen: 3.43 ng/ul
RT: 10.475 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

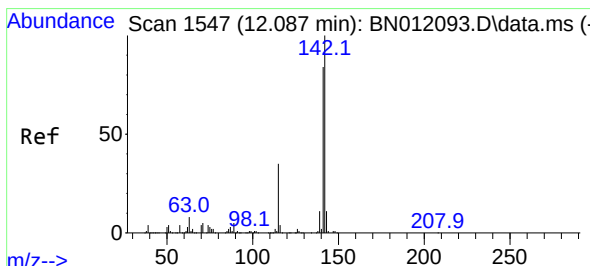
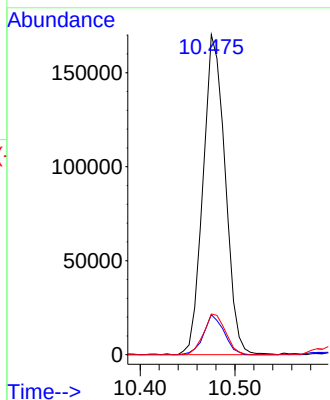
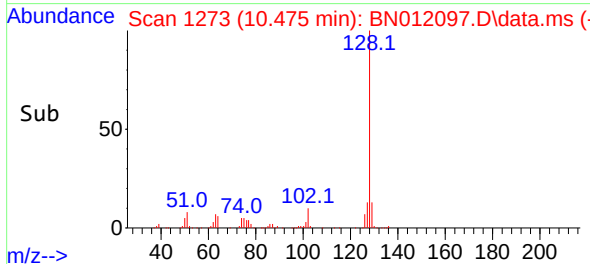
Instrument :
BNA_N
ClientSampleId :
C0AK6DL



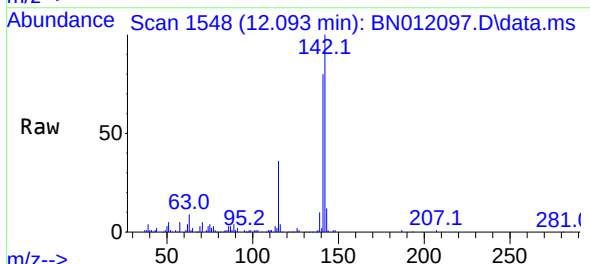
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Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 12.7 10.7 16.1

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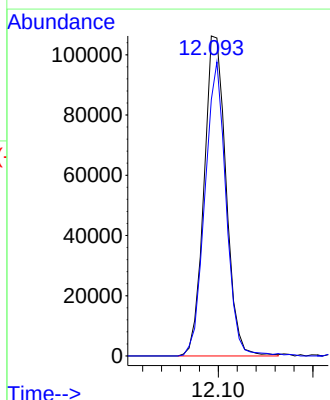
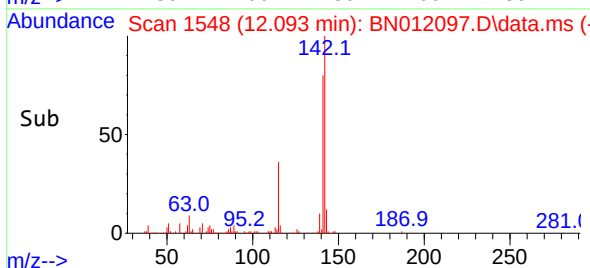
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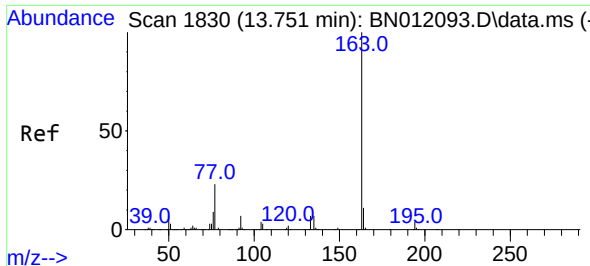


#34
2-Methylnaphthalene
Concen: 3.11 ng/ul
RT: 12.093 min Scan# 1548
Delta R.T. 0.006 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11



Tgt Ion:142 Resp: 171828
Ion Ratio Lower Upper
142 100
141 80.1 75.9 113.9





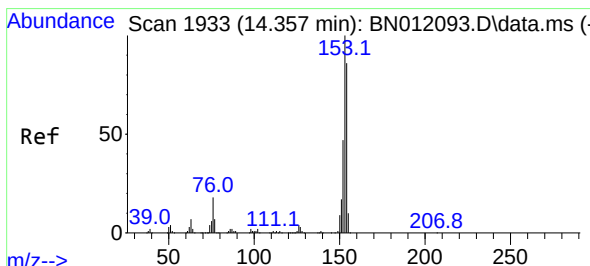
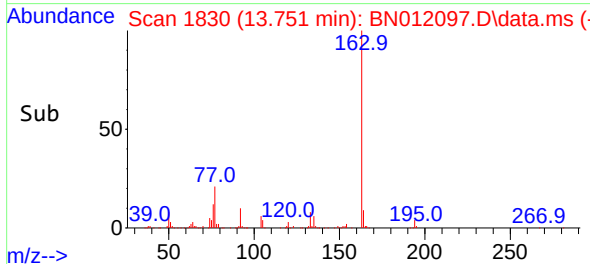
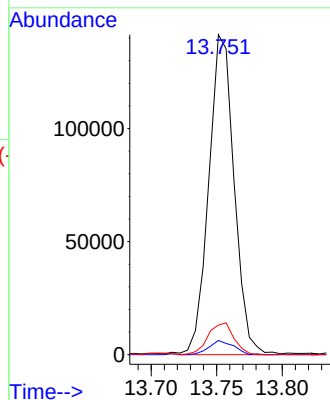
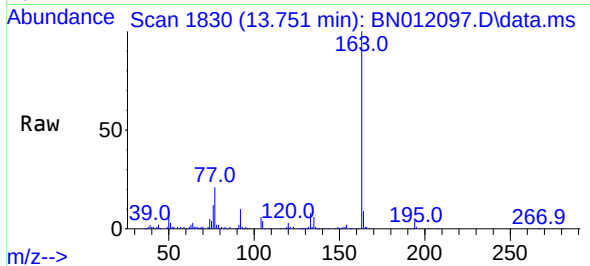
#45
Dimethylphthalate
Concen: 2.85 ng/ul
RT: 13.751 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

Tgt Ion:163 Resp: 190828
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.3 7.8 11.8

Instrument :
BNA_N
ClientSampleId :
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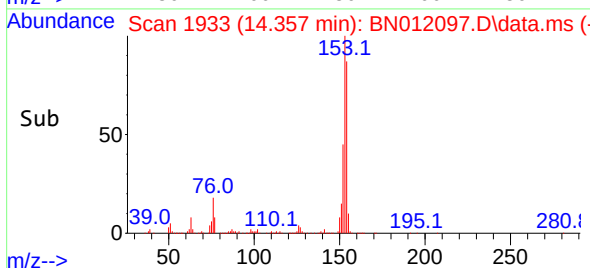
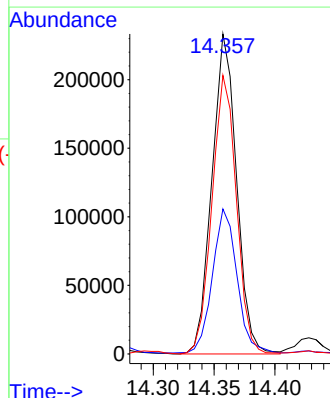
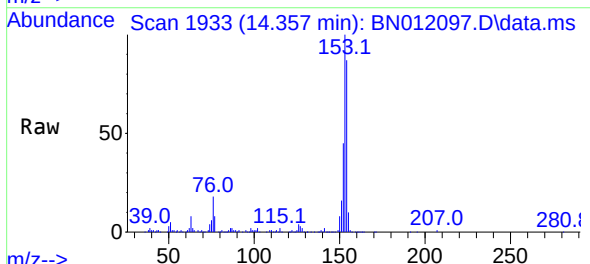
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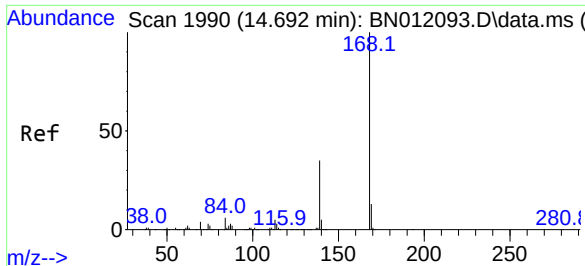
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#50
Acenaphthene
Concen: 5.62 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

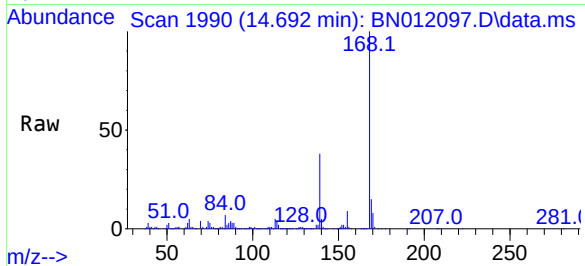
Tgt Ion:153 Resp: 328836
Ion Ratio Lower Upper
153 100
152 45.3 35.9 53.9
154 87.0 70.2 105.2





#54
Dibenzofuran
Concen: 6.01 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

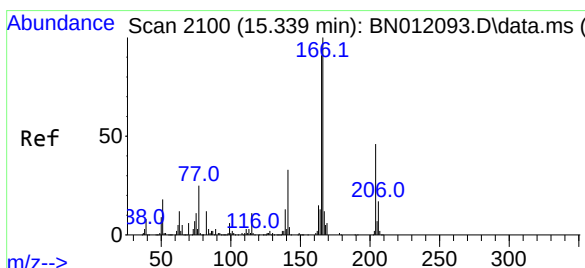
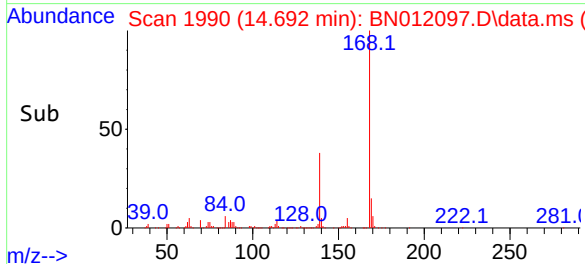
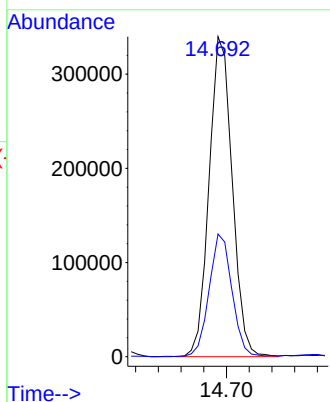
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ClientSampleId :
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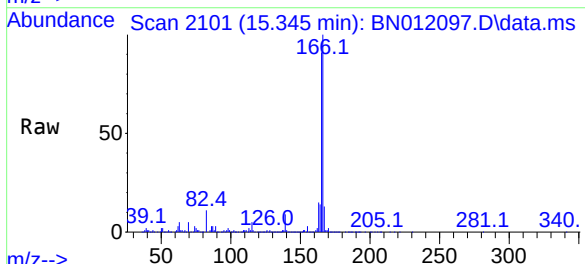
Tgt Ion:168 Resp: 480503
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3

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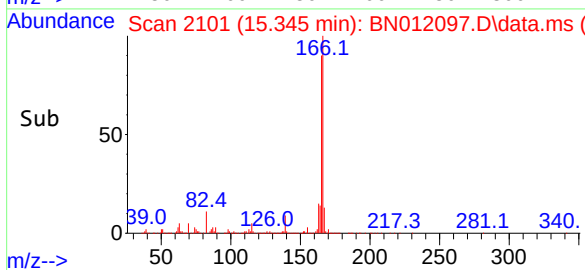
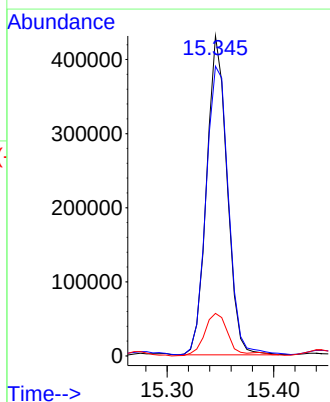
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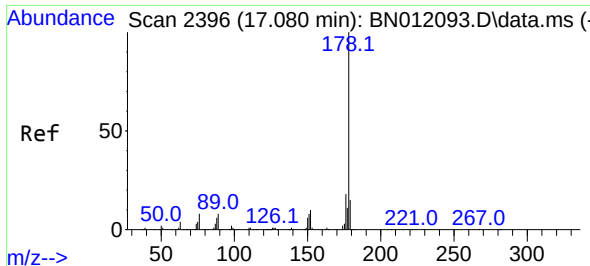


#59
Fluorene
Concen: 8.59 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

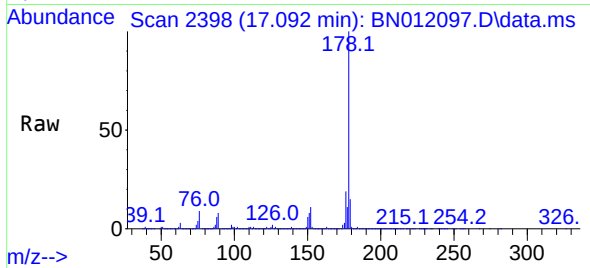


Tgt Ion:166 Resp: 575129
Ion Ratio Lower Upper
166 100
165 90.6 79.0 118.6
167 13.3 10.5 15.7

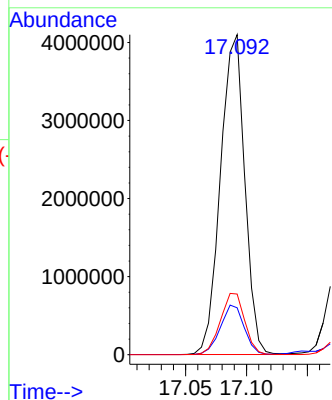




#70
Phenanthrene
Concen: 56.82 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. 0.012 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11



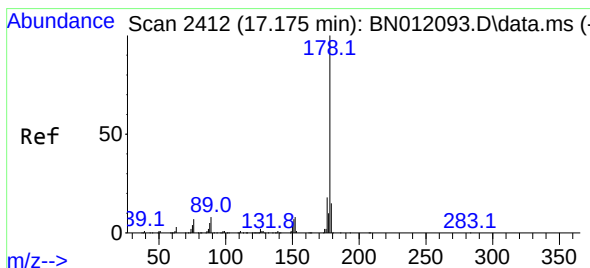
Tgt Ion:178 Resp: 5693829
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.2
176 19.0 15.4 23.2



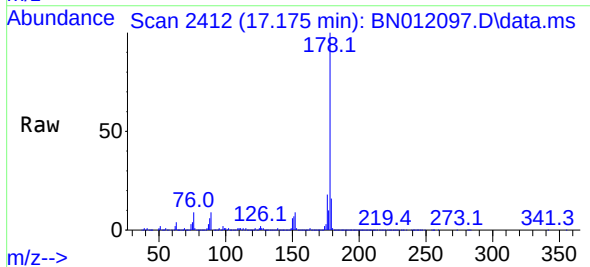
Instrument :
BNA_N
ClientSampleId :
C0AK6DL

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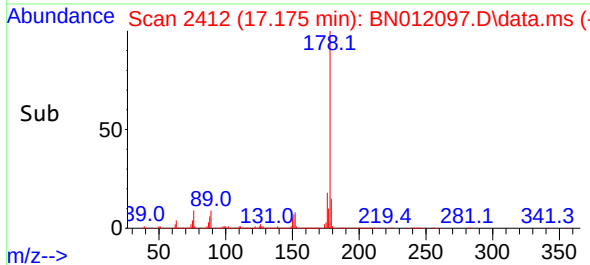
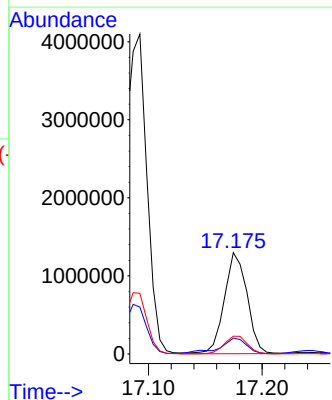
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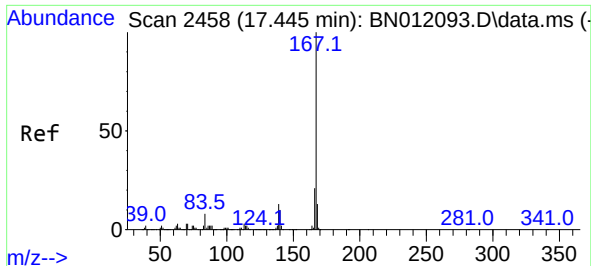


#72
Anthracene
Concen: 17.87 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11



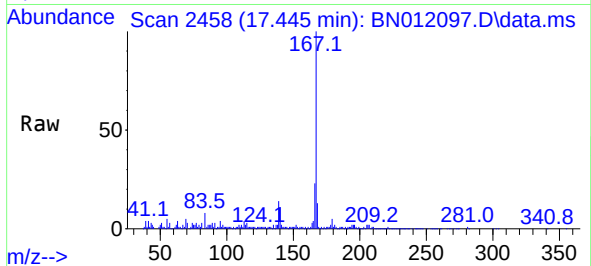
Tgt Ion:178 Resp: 1808232
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 17.6 15.0 22.6





#75
 Carbazole
 Concen: 3.77 ng/ul
 RT: 17.445 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BN012097.D
 Acq: 07 Oct 2020 15:11

Instrument :
 BNA_N
 ClientSampleId :
 C0AK6DL

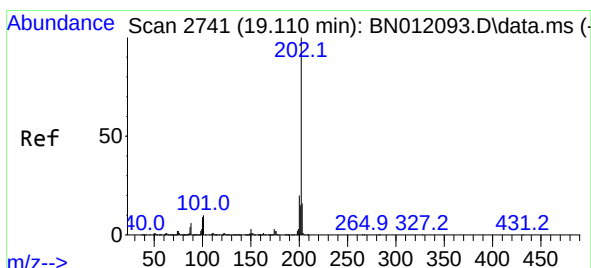
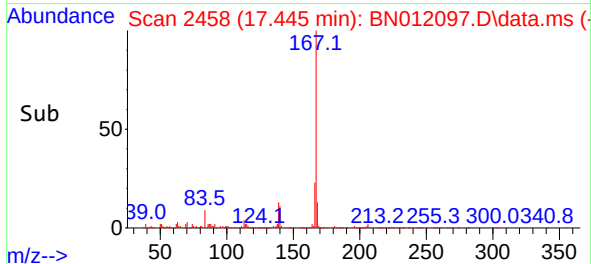
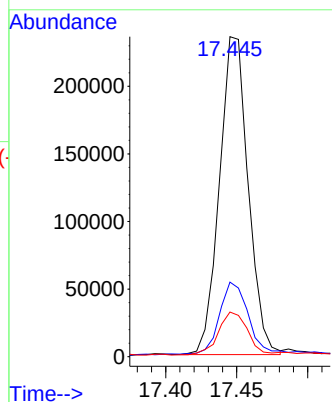


Tgt Ion:167 Resp: 331455

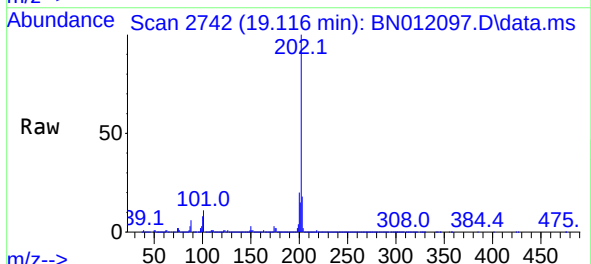
Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.4	26.0
139	13.9	10.9	16.3

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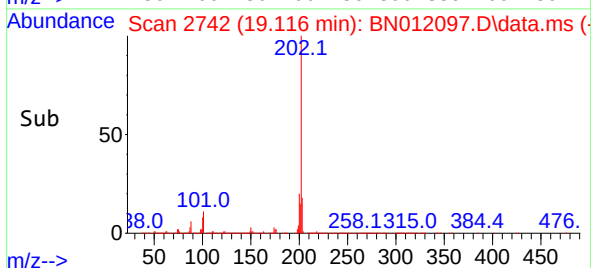
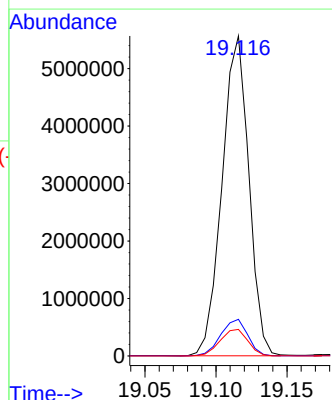


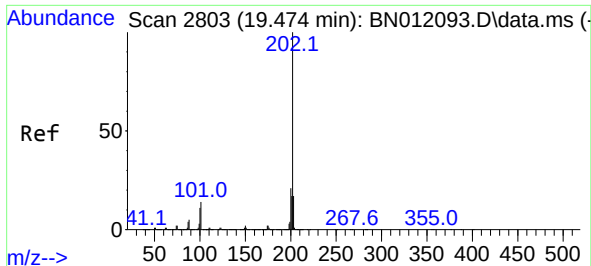
#77
 Fluoranthene
 Concen: 64.77 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.006 min
 Lab File: BN012097.D
 Acq: 07 Oct 2020 15:11



Tgt Ion:202 Resp: 7289999

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.6	13.0
100	8.3	6.6	9.8





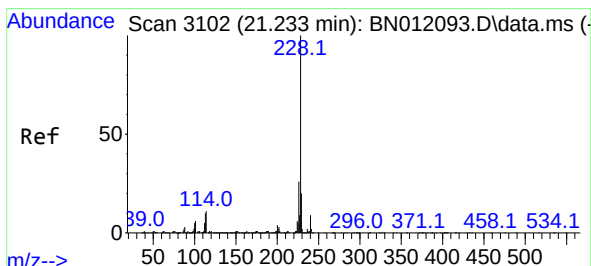
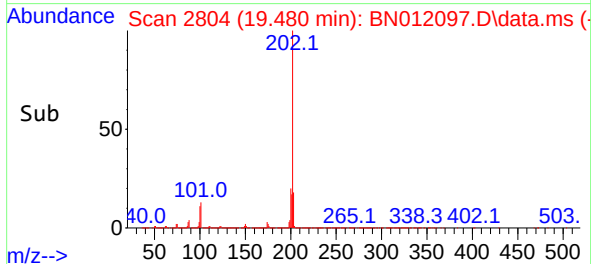
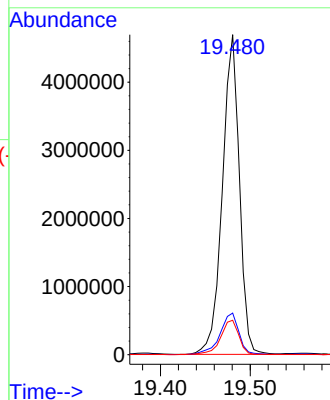
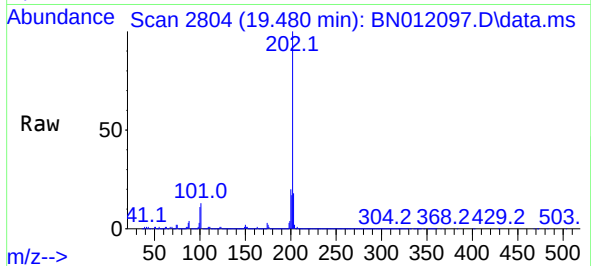
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Pyrene
Concen: 59.78 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

Tgt Ion:202 Resp: 6175894
Ion Ratio Lower Upper
202 100
101 13.0 10.2 15.2
100 10.7 8.8 13.2

Instrument :
BNA_N
ClientSampleId :
C0AK6DL

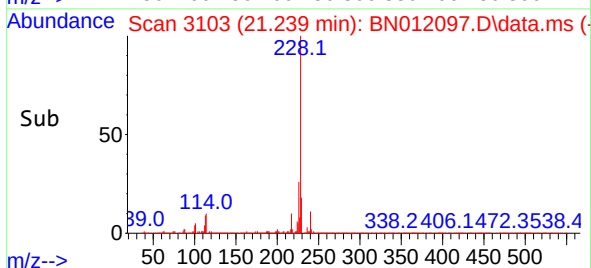
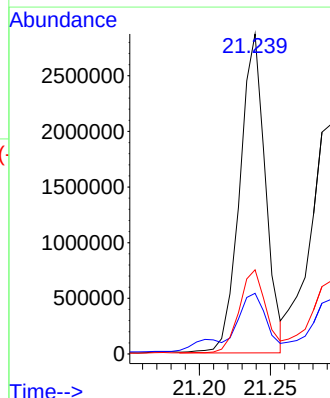
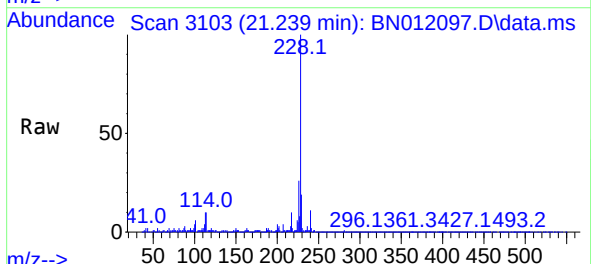
Manual Integrations
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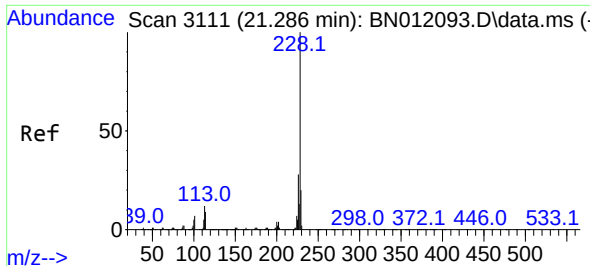
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#83
Benzo(a)anthracene
Concen: 37.29 ng/ul
RT: 21.239 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

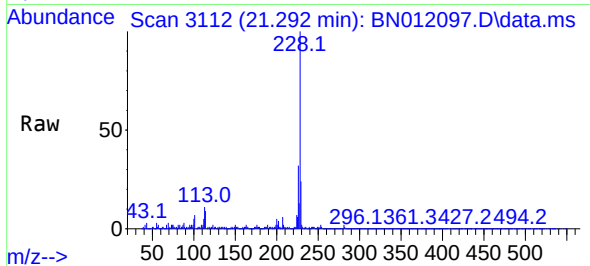
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Ion Ratio Lower Upper
228 100
229 18.9 15.4 23.2
226 26.3 21.2 31.8





#85
Chrysene
Concen: 32.08 ng/ul m
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

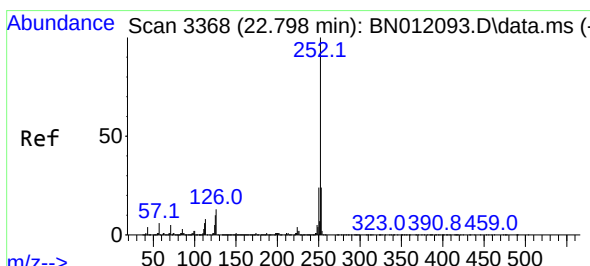
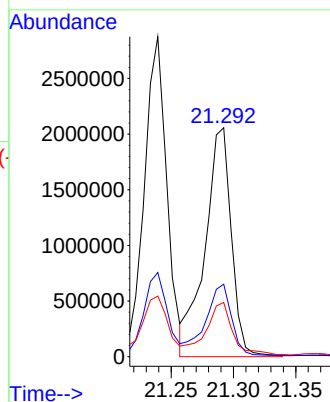
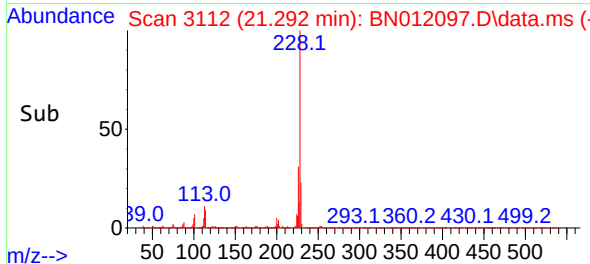
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ClientSampleId :
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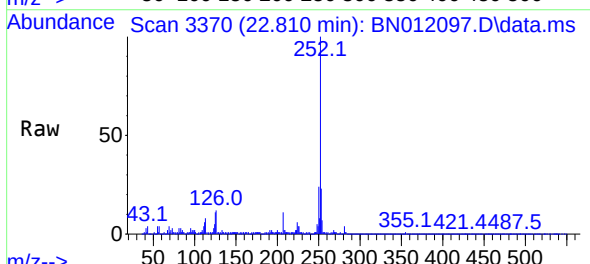
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Ion Ratio Lower Upper
228 100
226 31.6 23.3 34.9
229 23.7 15.0 22.4#

Manual Integrations
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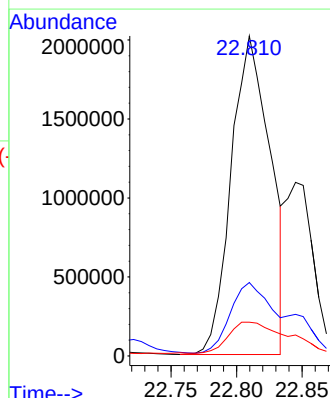
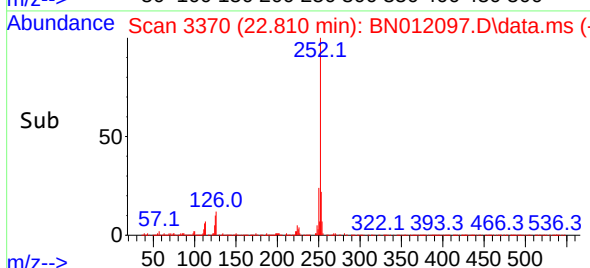
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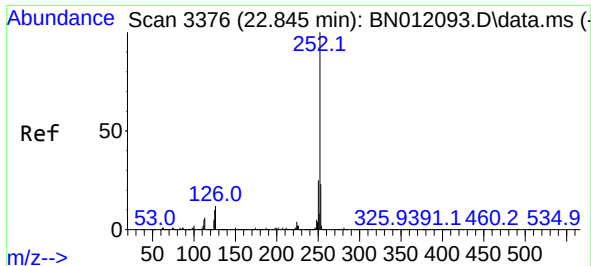


#88
Benzo(b)fluoranthene
Concen: 36.41 ng/ul
RT: 22.810 min Scan# 3370
Delta R.T. 0.012 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11



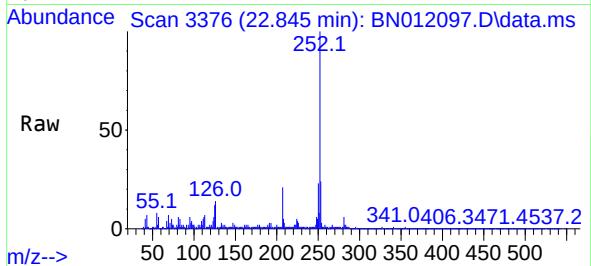
Tgt Ion:252 Resp: 4179552
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 14.12 ng/ul m
RT: 22.845 min Scan# 3376
Delta R.T. 0.000 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

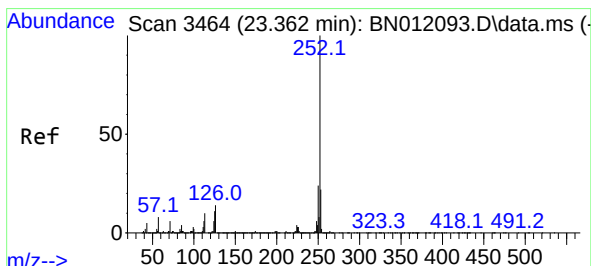
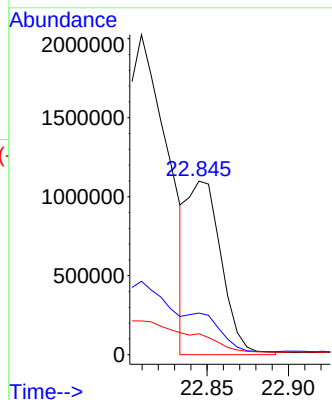
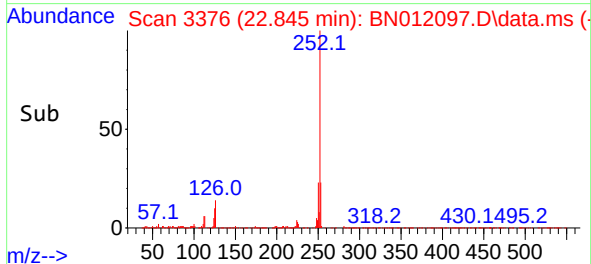
Instrument :
BNA_N
ClientSampleId :
C0AK6DL



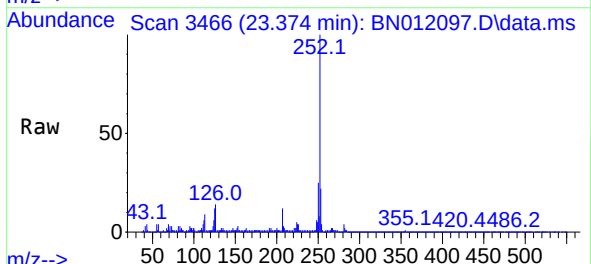
Tgt Ion:252 Resp: 1596424
Ion Ratio Lower Upper
252 100
253 24.0 18.1 27.1
125 12.1 7.7 11.5#

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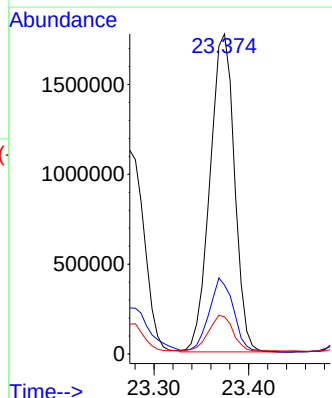
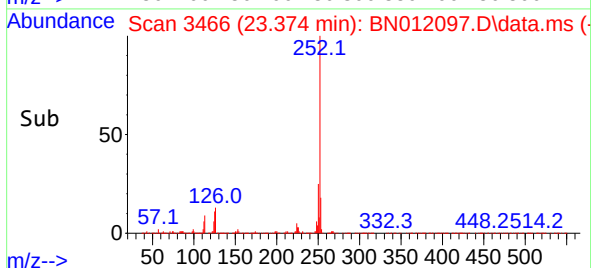
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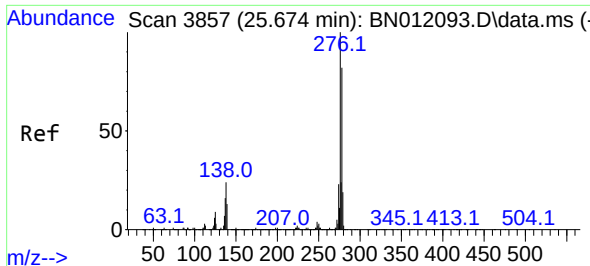


#91
Benzo(a)pyrene
Concen: 30.61 ng/ul
RT: 23.374 min Scan# 3466
Delta R.T. 0.012 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11



Tgt Ion:252 Resp: 3186848
Ion Ratio Lower Upper
252 100
253 21.5 16.6 24.8
125 11.6 9.0 13.6





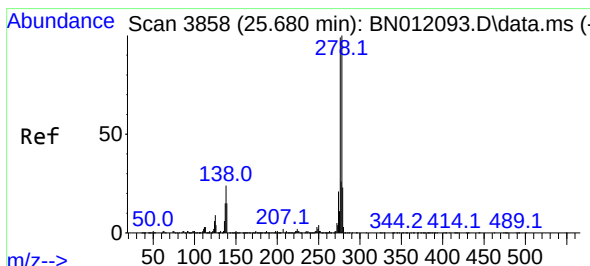
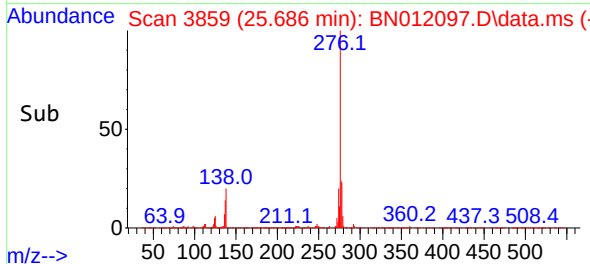
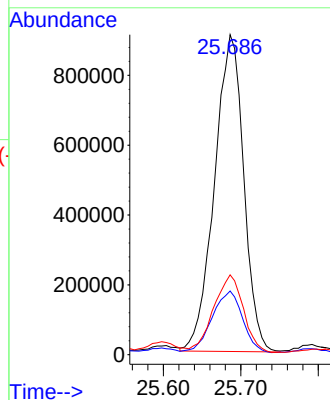
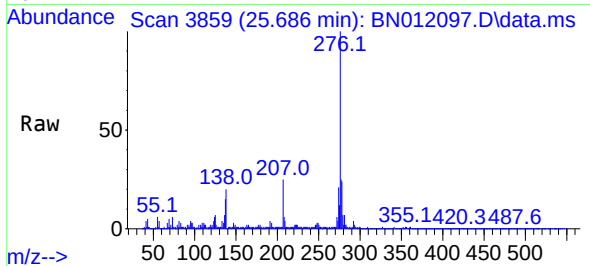
#92
Indeno(1,2,3-cd)pyrene
Concen: 17.94 ng/ul
RT: 25.686 min Scan# 3859
Delta R.T. 0.012 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

Instrument :
BNA_N
ClientSampleId :
C0AK6DL

Tgt Ion:276 Resp: 2384645
Ion Ratio Lower Upper
276 100
138 19.9 17.4 26.2
277 25.0 19.0 28.4

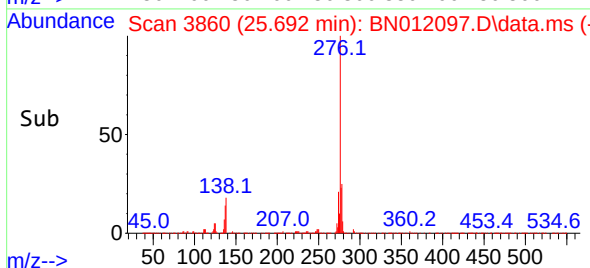
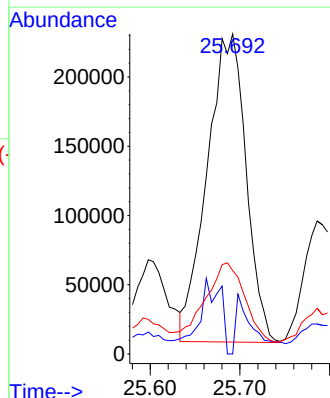
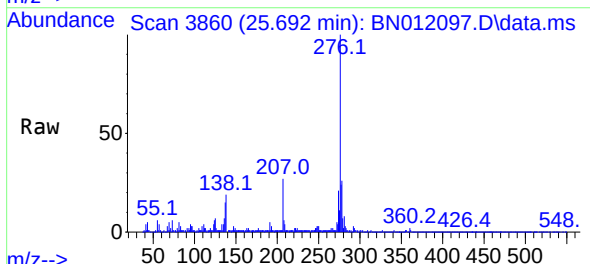
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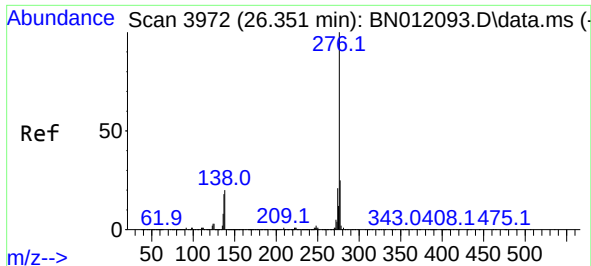
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#93
Dibenzo(a,h)anthracene
Concen: 6.12 ng/ul
RT: 25.692 min Scan# 3860
Delta R.T. 0.012 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

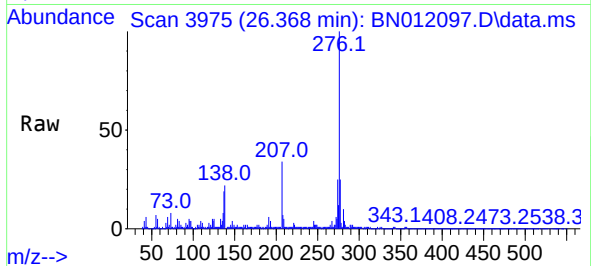
Tgt Ion:278 Resp: 670780
Ion Ratio Lower Upper
278 100
139 0.0 12.2 18.2#
279 26.1 18.2 27.4





#94
Benzo(g,h,i)perylene
Concen: 17.95 ng/ul
RT: 26.368 min Scan# 3975
Delta R.T. 0.018 min
Lab File: BN012097.D
Acq: 07 Oct 2020 15:11

Instrument :
BNA_N
ClientSampleId :
C0AK6DL



Tgt Ion: 276 Resp: 2032995
Ion Ratio Lower Upper
276 100
138 21.7 16.7 25.1
277 25.3 19.0 28.6

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