

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012088.D
 Acq On : 06 Oct 2020 13:04
 Operator : CG/JU
 Sample : L4184-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK6

Manual Integrations
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mohammad
 10/7/2020 10:37:13 AM

Quant Time: Oct 06 13:46:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 16:22:43 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	307356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.428	136	1212931	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.292	164	709653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.039	188	1504448	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1527971	20.00	ng/ul	0.00
86) Perylene-d12	23.463	264	1752266	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	14680	2.08	ng/uL	0.00
5) Phenol-d5	6.828	99	235860	9.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.993	67	160123	10.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.187	132	204646	9.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.357	113	193886	9.60	ng/ul	0.00
19) Nitrobenzene-d5	8.804	128	94074	9.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.516	143	92186	8.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.051	165	189689	9.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	138275	5.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.704	166	588574	10.57	ng/ul	-0.01
47) Acenaphthylene-d8	13.981	160	704228	10.60	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.492	143	50173	4.89	ng/ul	0.00
58) Fluorene-d10	15.292	176	540237	11.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	24962	2.60	ng/ul	0.00
71) Anthracene-d10	17.139	188	818245	11.22	ng/ul	0.00
79) Pyrene-d10	19.445	212	890526	11.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	1004711	10.22	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.469	105	42344	1.32	ng/ul	98
28) Naphthalene	10.481	128	421207	6.07	ng/ul	100
34) 2-Methylnaphthalene	12.098	142	274484	5.75	ng/ul	92
41) 1,1'-Biphenyl	13.122	154	74856	1.27	ng/ul	96
45) Dimethylphthalate	13.751	163	293557	5.12	ng/ul	99
48) Acenaphthylene	14.010	152	93807	1.34	ng/ul#	90
50) Acenaphthene	14.357	153	490414	9.77	ng/ul	92
54) Dibenzofuran	14.692	168	749305	10.95	ng/ul	97
59) Fluorene	15.345	166	930857	16.22	ng/ul	97
70) Phenanthrene	17.092	178	9499442	103.64	ng/ul	99
72) Anthracene	17.175	178	3030257	32.74	ng/ul	99
75) Carbazole	17.445	167	581428	7.24	ng/ul	99
77) Fluoranthene	19.110	202	12322358	119.70	ng/ul	95
80) Pyrene	19.480	202	11048448	100.24	ng/ul	97
83) Benzo(a)anthracene	21.233	228	6575687	63.88	ng/ul	94
84) Bis(2-ethylhexyl)phtha...	21.174	149	95368	1.37	ng/ul#	83
85) Chrysene	21.286	228	5659945	55.93	ng/ul#	91
88) Benzo(b)fluoranthene	22.810	252	7994352	65.13	ng/ul	95
89) Benzo(k)fluoranthene	22.845	252	3000870m	24.82	ng/ul	
91) Benzo(a)pyrene	23.368	252	6160712	55.33	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.692	276	4517008	31.77	ng/ul	98
93) Dibenzo(a,h)anthracene	25.692	278	1277290	10.90	ng/ul#	90
94) Benzo(g,h,i)perylene	26.374	276	3907063	32.27	ng/ul	96

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 16:22:43 2020
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

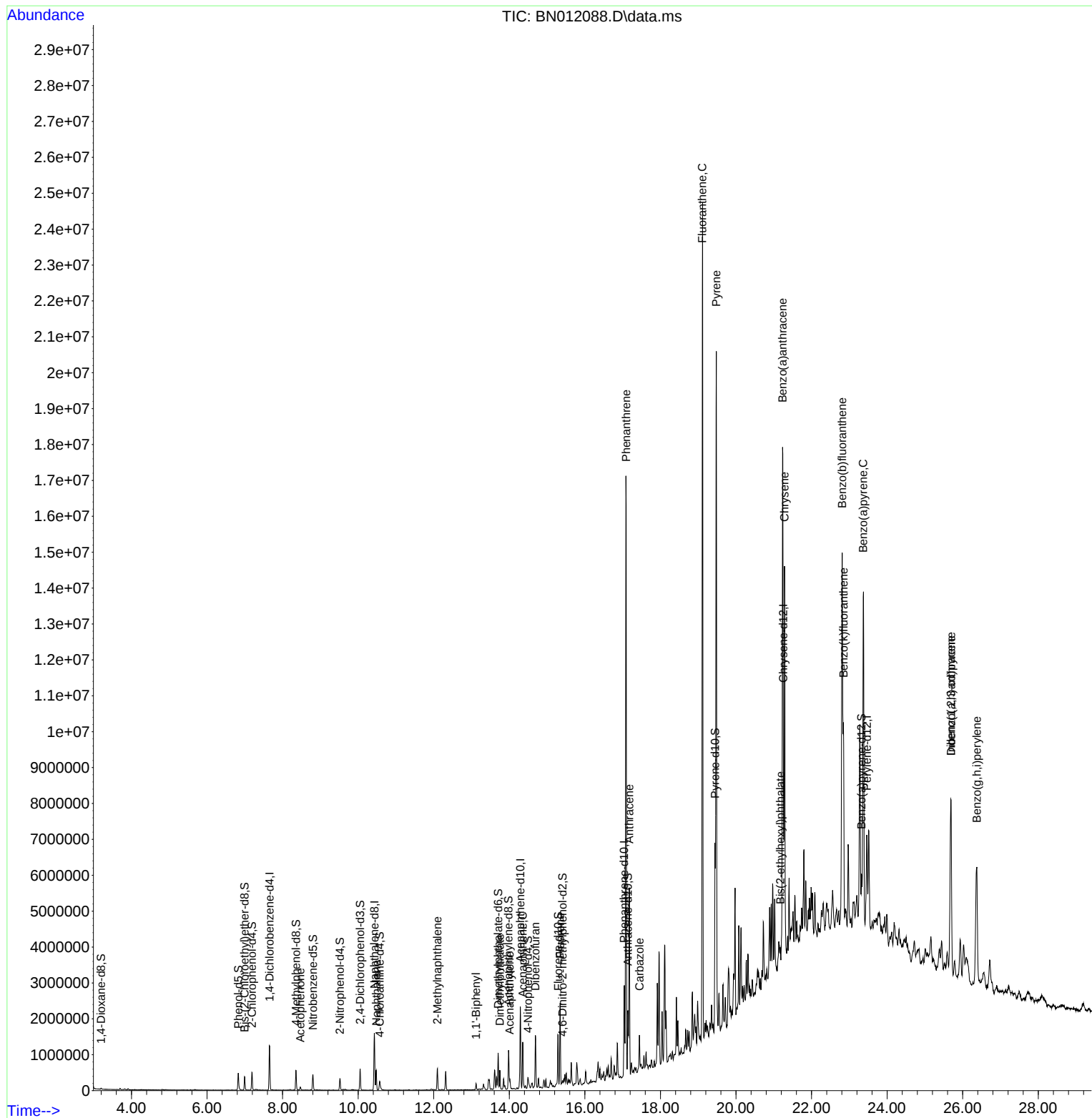
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
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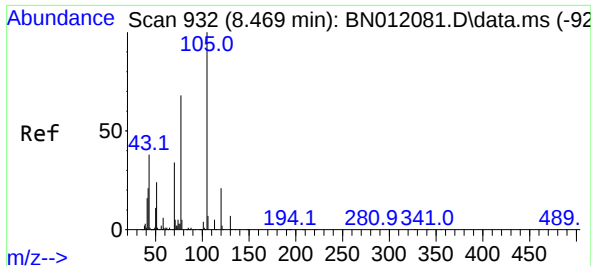
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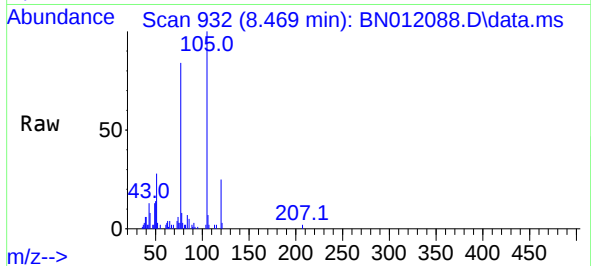
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QLast Update : Fri Oct 02 16:22:43 2020
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#14
Acetophenone
Concen: 1.32 ng/ul
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

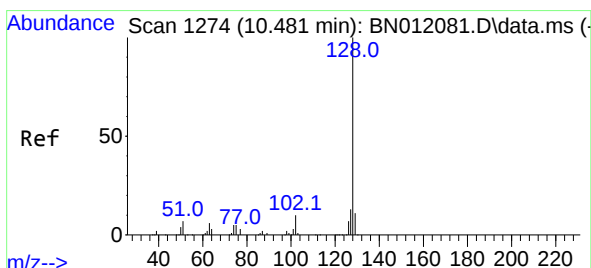
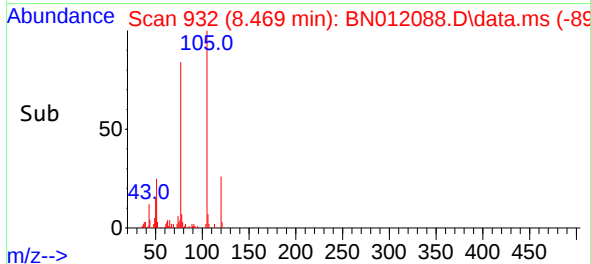
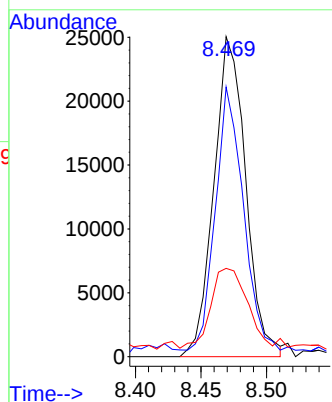
Instrument :
BNA_N
ClientSampled :
C0AK6



Tgt Ion:105 Resp: 42344
Ion Ratio Lower Upper
105 100
77 84.3 66.9 100.3
51 27.6 24.3 36.5

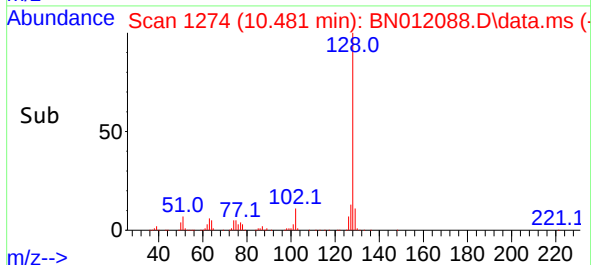
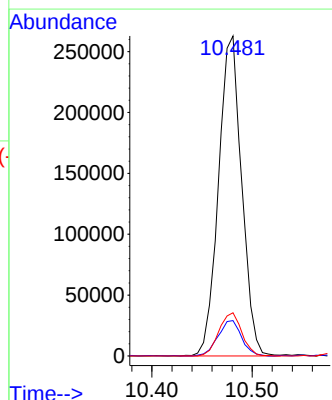
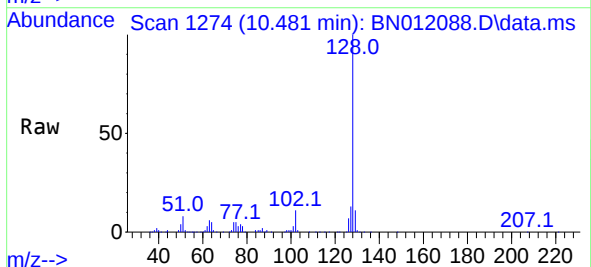
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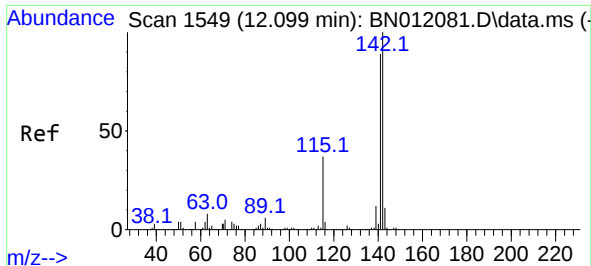
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#28
Naphthalene
Concen: 6.07 ng/ul
RT: 10.481 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

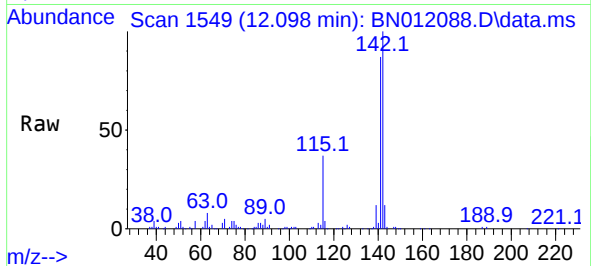
Tgt Ion:128 Resp: 421207
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1





#34
2-Methylnaphthalene
Concen: 5.75 ng/ul
RT: 12.098 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

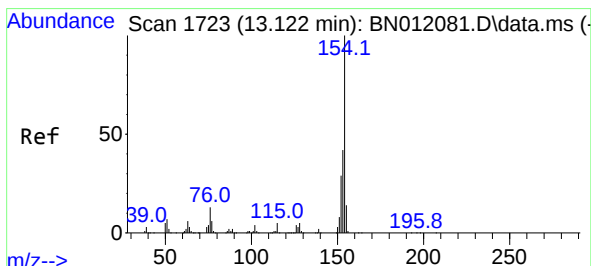
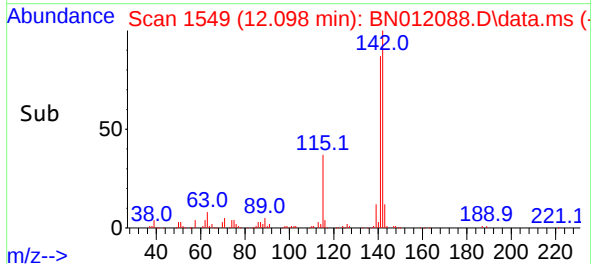
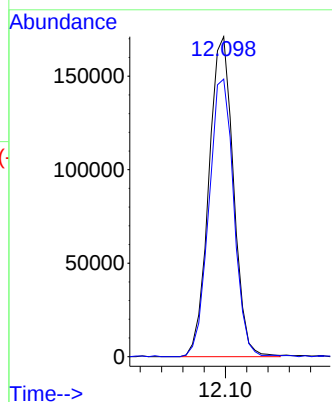
Instrument :
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Tgt Ion:142 Resp: 274484
Ion Ratio Lower Upper
142 100
141 86.8 75.9 113.9

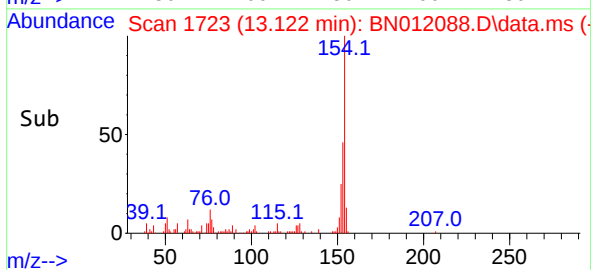
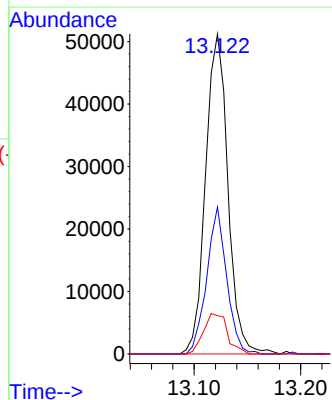
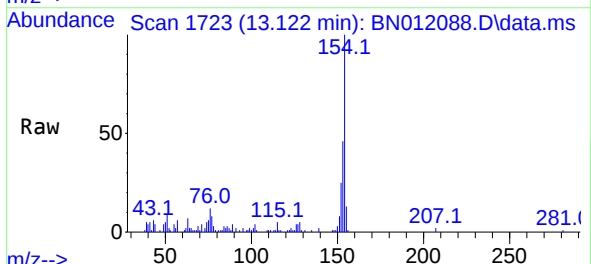
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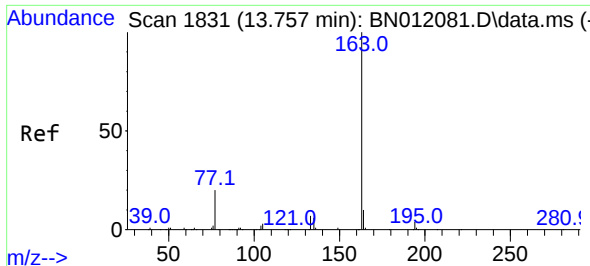
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#41
1,1'-Biphenyl
Concen: 1.27 ng/ul
RT: 13.122 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

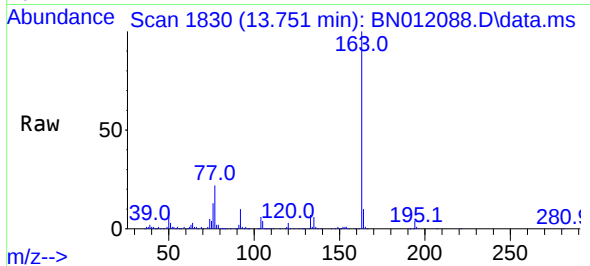
Tgt Ion:154 Resp: 74856
Ion Ratio Lower Upper
154 100
153 45.9 33.9 50.9
76 12.0 9.8 14.8





#45
Dimethylphthalate
Concen: 5.12 ng/ul
RT: 13.751 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

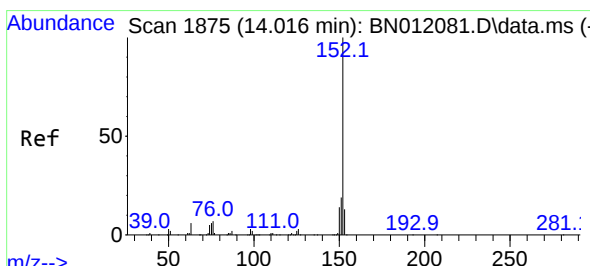
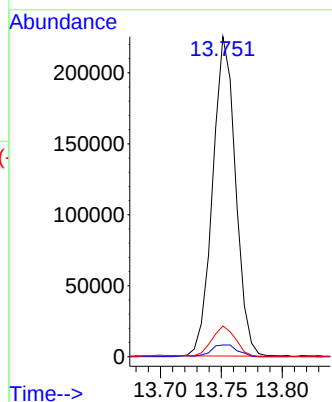
Instrument :
BNA_N
ClientSampled :
C0AK6



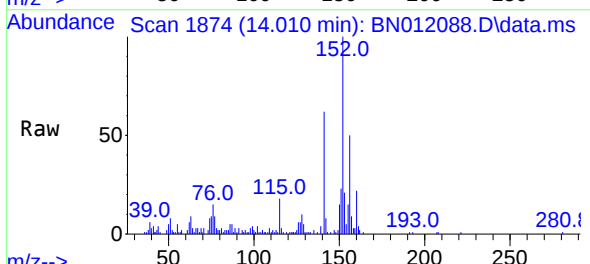
Tgt Ion:163 Resp: 293557
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.6 7.8 11.8

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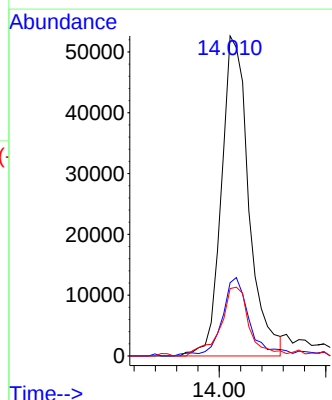
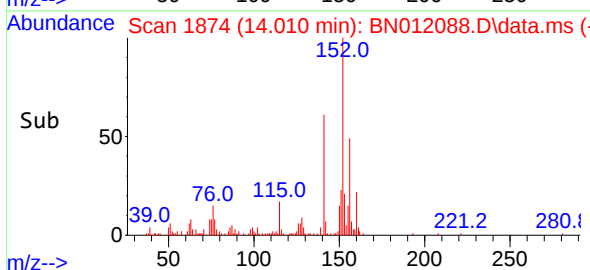
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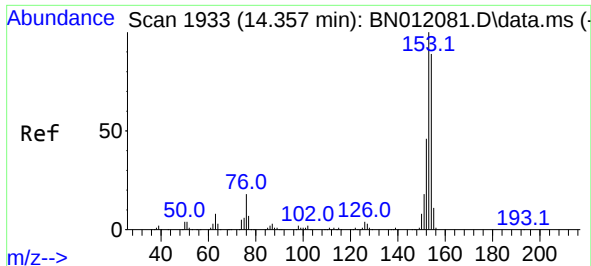


#48
Acenaphthylene
Concen: 1.34 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04



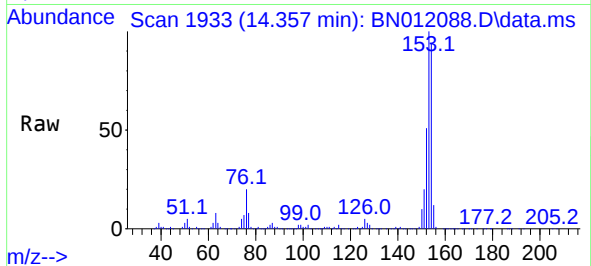
Tgt Ion:152 Resp: 93807
Ion Ratio Lower Upper
152 100
151 22.9 16.3 24.5
153 21.1 11.4 17.2#





#50
Acenaphthene
Concen: 9.77 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

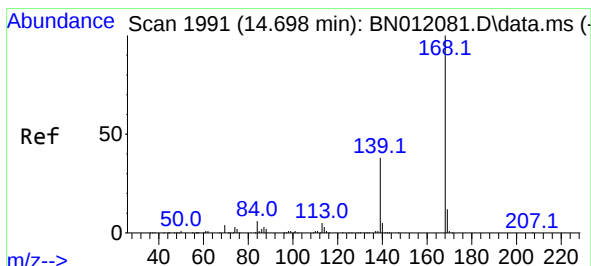
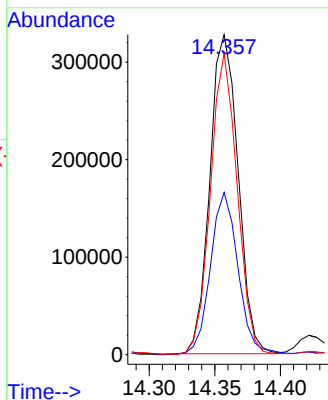
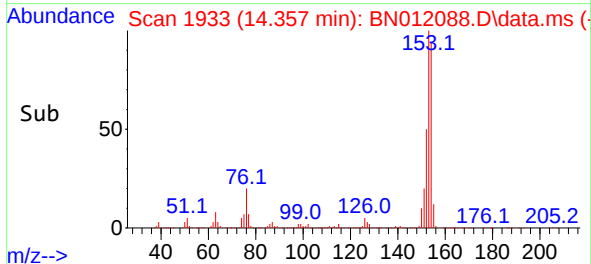
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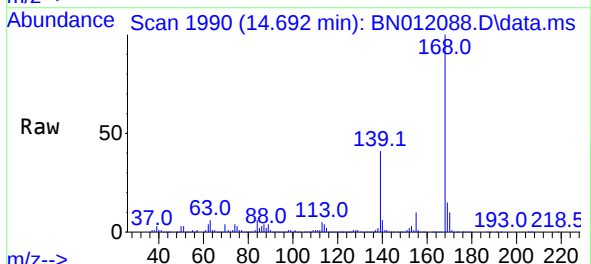
Tgt Ion:153 Resp: 490414
Ion Ratio Lower Upper
153 100
152 50.7 35.9 53.9
154 94.1 70.2 105.2

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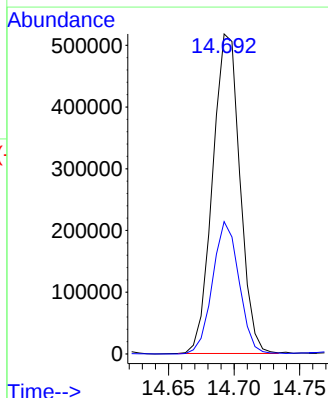
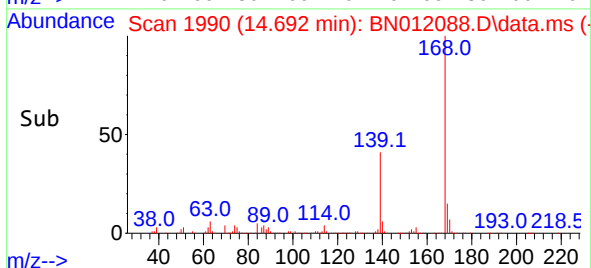
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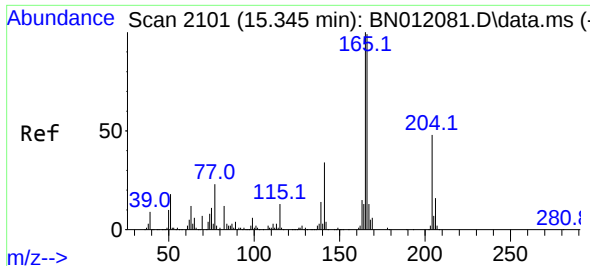


#54
Dibenzofuran
Concen: 10.95 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04



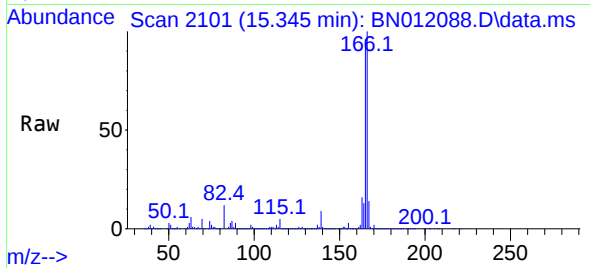
Tgt Ion:168 Resp: 749305
Ion Ratio Lower Upper
168 100
139 41.4 31.5 47.3





#59
Fluorene
Concen: 16.22 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

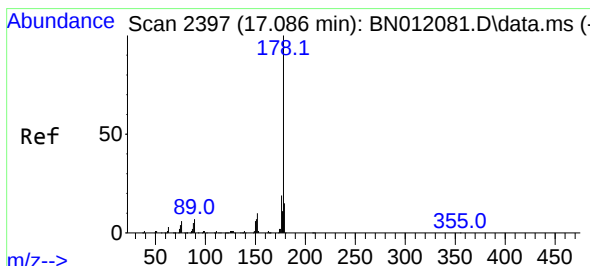
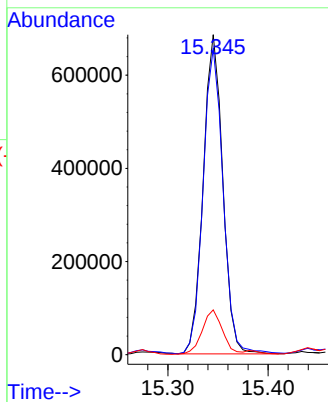
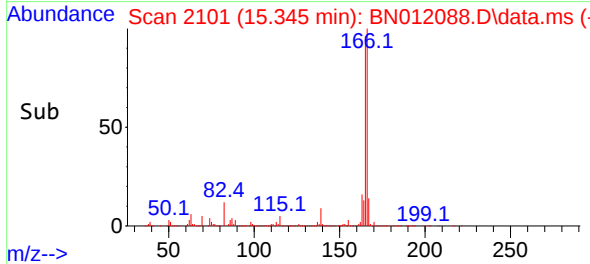
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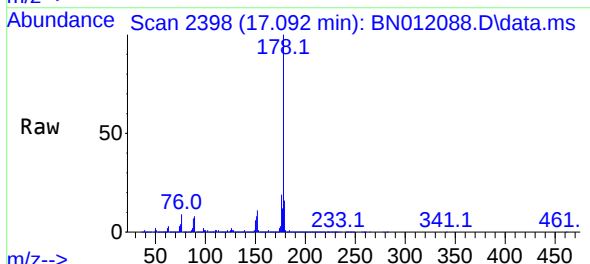
Tgt Ion:166 Resp: 930857
Ion Ratio Lower Upper
166 100
165 95.7 79.0 118.6
167 14.0 10.5 15.7

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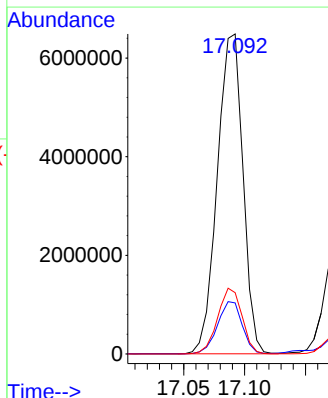
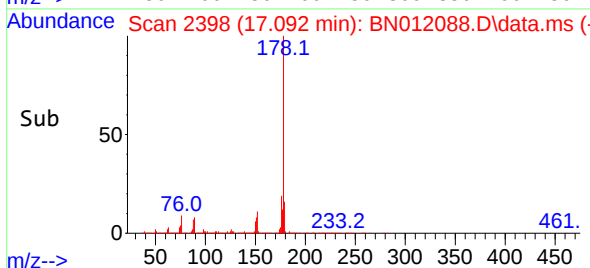
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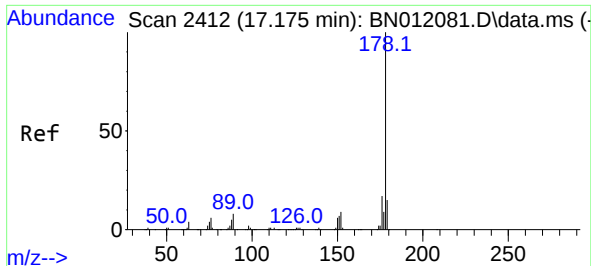


#70
Phenanthrene
Concen: 103.64 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

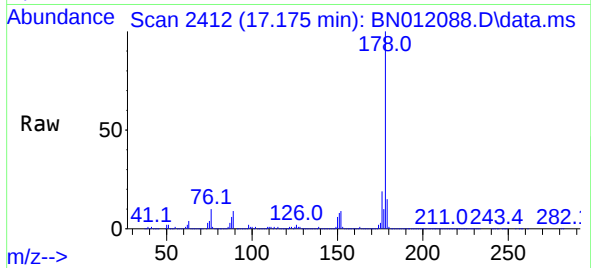


Tgt Ion:178 Resp: 9499442
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 19.1 15.4 23.2



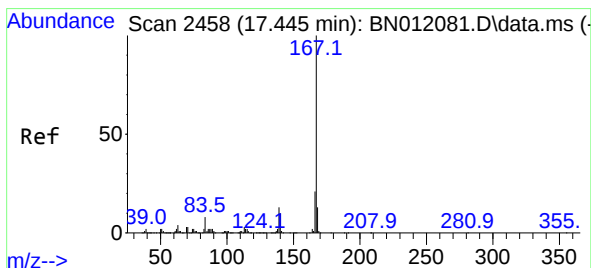
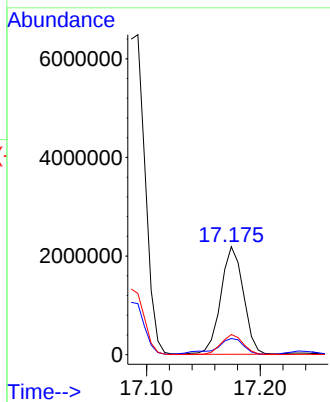
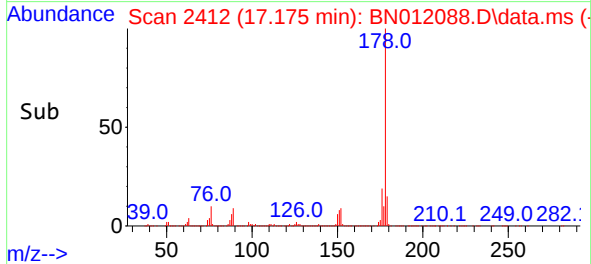


#72
 Anthracene
 Concen: 32.74 ng/u1
 RT: 17.175 min Scan# 2412
 Delta R.T. -0.006 min
 Lab File: BN012088.D
 Acq: 06 Oct 2020 13:04

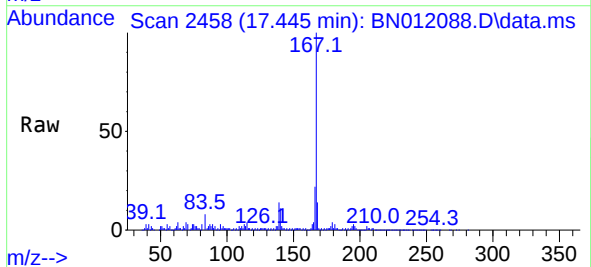


Tgt Ion:178 Resp: 3030257

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.8	19.2
176	18.7	15.0	22.6

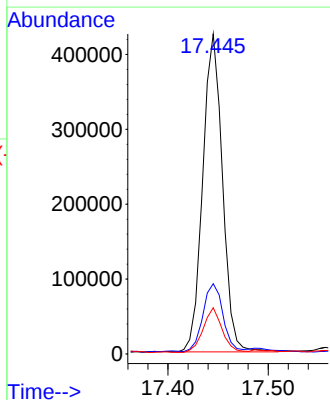
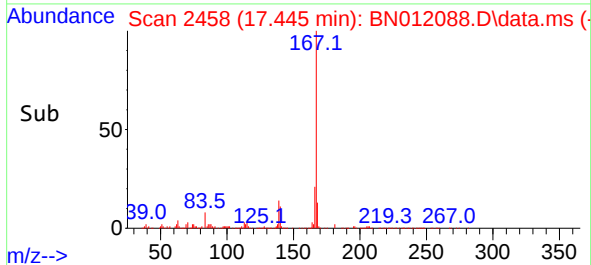


#75
 Carbazole
 Concen: 7.24 ng/u1
 RT: 17.445 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BN012088.D
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Tgt Ion:167 Resp: 581428

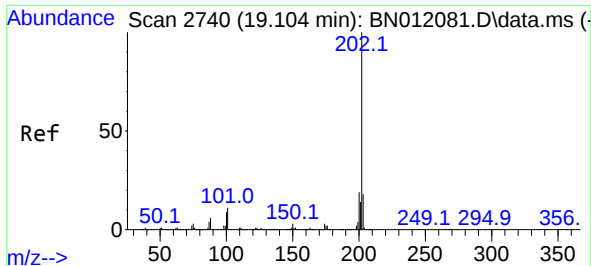
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	14.5	10.9	16.3



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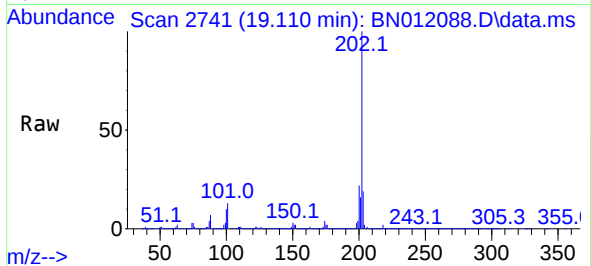
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#77
Fluoranthene
Concen: 119.70 ng/ul
RT: 19.110 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

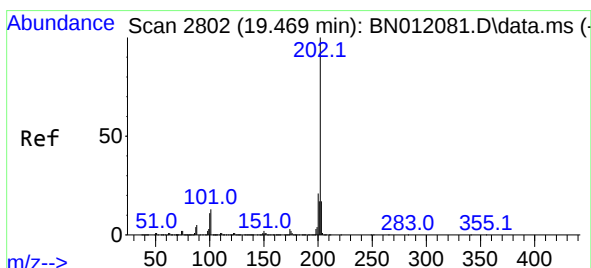
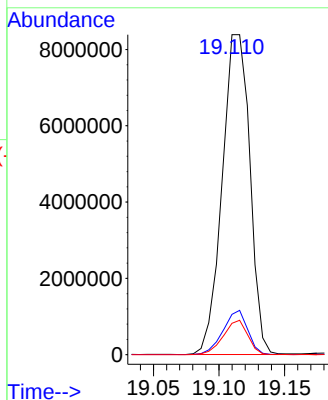
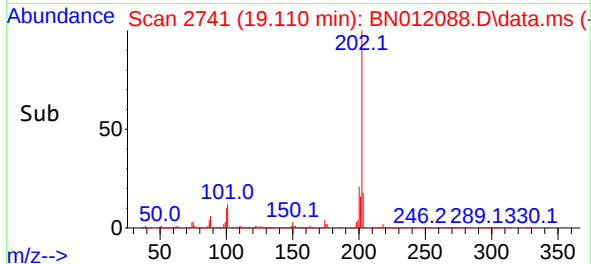
Instrument :
BNA_N
ClientSampled :
C0AK6



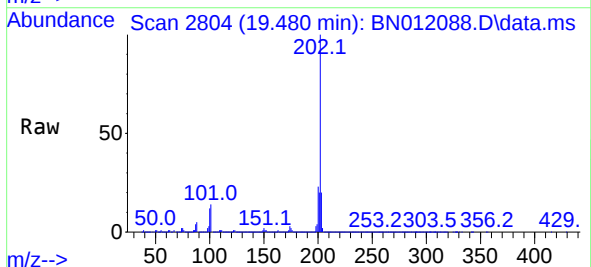
Tgt Ion:202 Resp:12322358
Ion Ratio Lower Upper
202 100
101 12.6 8.6 13.0
100 9.8 6.6 9.8

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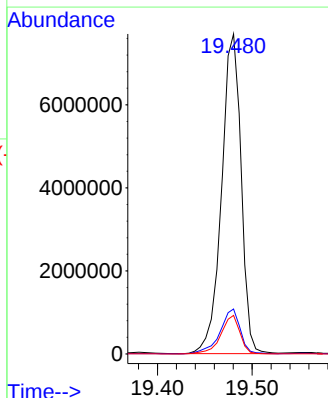
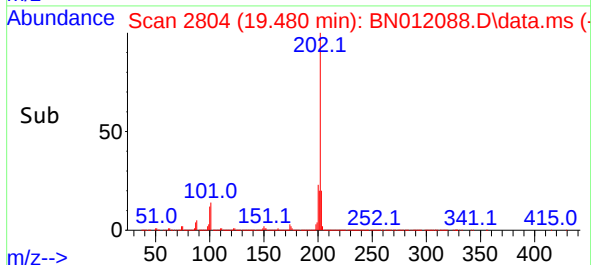
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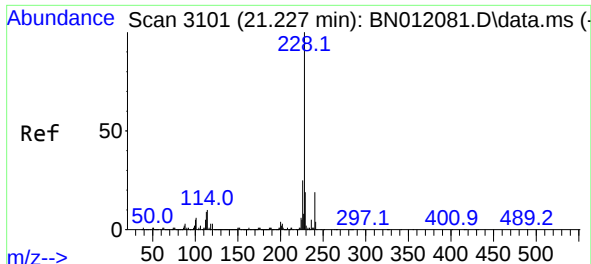


#80
Pyrene
Concen: 100.24 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04



Tgt Ion:202 Resp:11048448
Ion Ratio Lower Upper
202 100
101 14.0 10.2 15.2
100 12.1 8.8 13.2





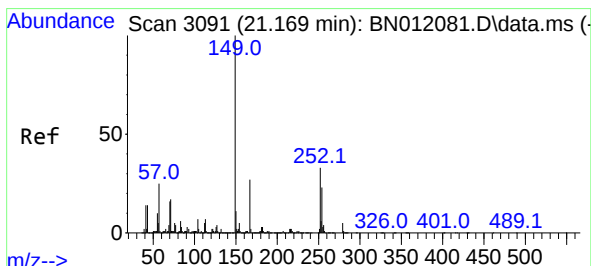
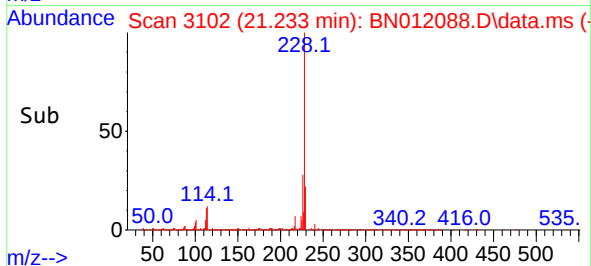
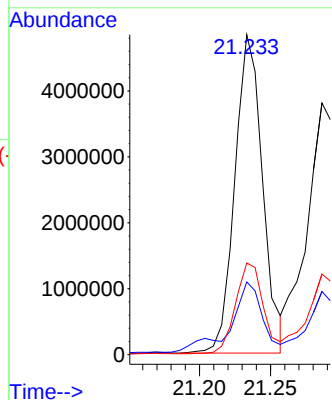
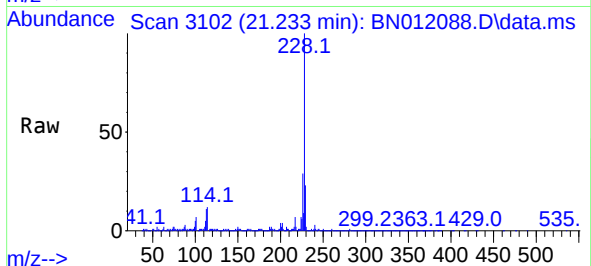
#83
Benzo(a)anthracene
Concen: 63.88 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

Tgt Ion:228 Resp: 6575687
Ion Ratio Lower Upper
228 100
229 22.7 15.4 23.2
226 28.6 21.2 31.8

Instrument :
BNA_N
ClientSampled :
C0AK6

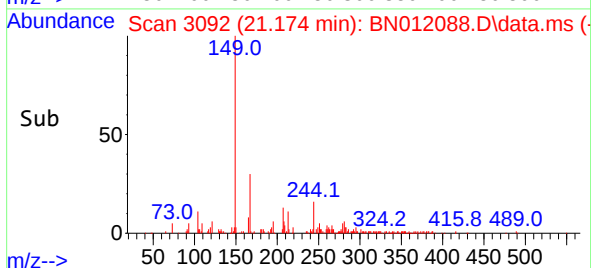
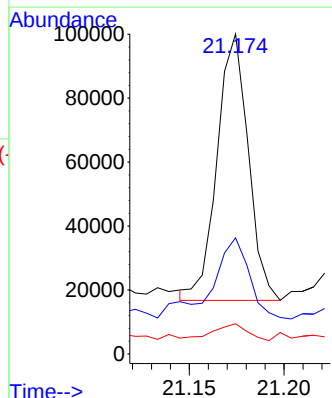
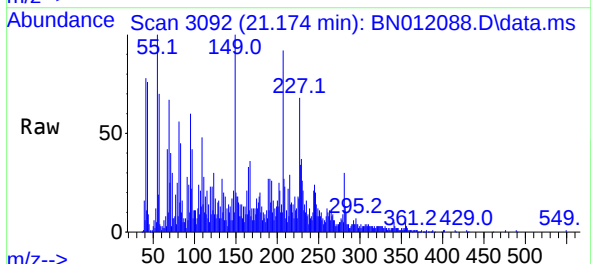
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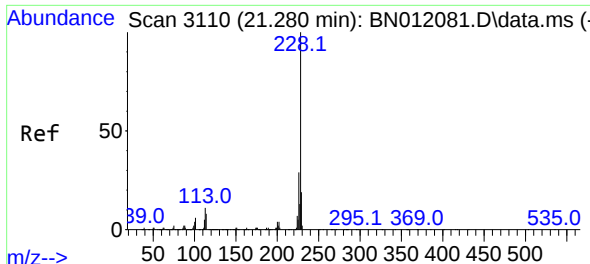
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.37 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

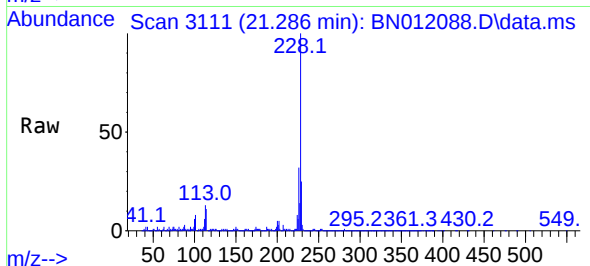
Tgt Ion:149 Resp: 95368
Ion Ratio Lower Upper
149 100
167 36.3 22.0 33.0#
279 9.5 3.6 5.4#





#85
Chrysene
Concen: 55.93 ng/u1
RT: 21.286 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

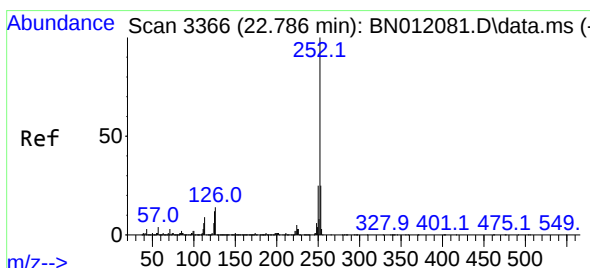
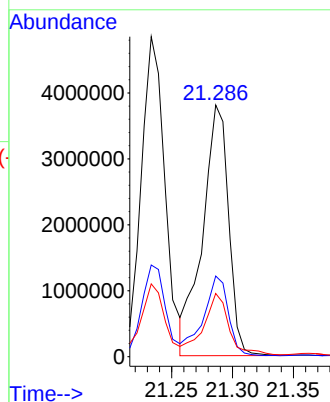
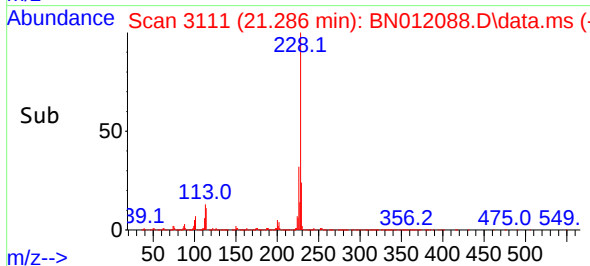
Instrument :
BNA_N
ClientSampled :
C0AK6



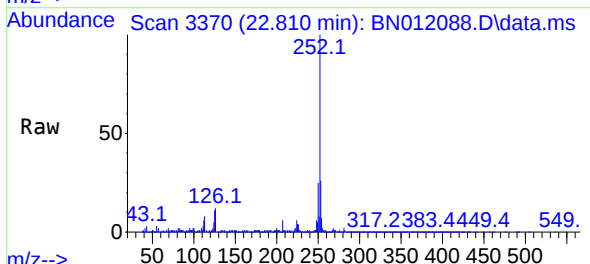
Tgt Ion:228 Resp: 5659945
Ion Ratio Lower Upper
228 100
226 32.1 23.3 34.9
229 25.1 15.0 22.4#

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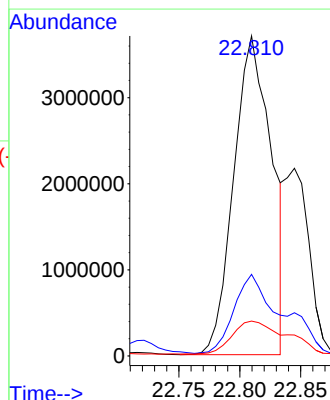
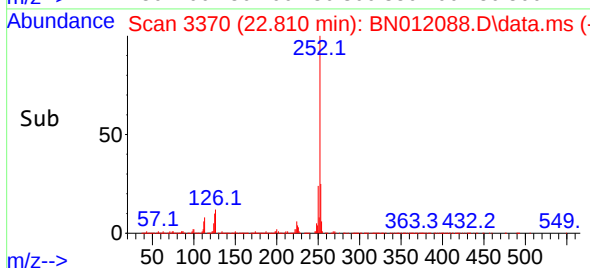
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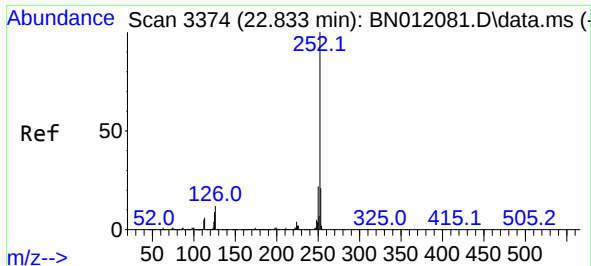


#88
Benzo(b)fluoranthene
Concen: 65.13 ng/u1
RT: 22.810 min Scan# 3370
Delta R.T. 0.018 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04



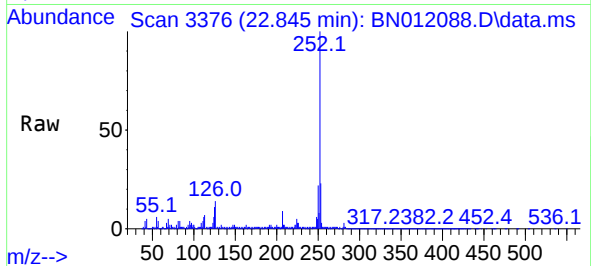
Tgt Ion:252 Resp: 7994352
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 10.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 24.82 ng/ul m
RT: 22.845 min Scan# 3376
Delta R.T. 0.006 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

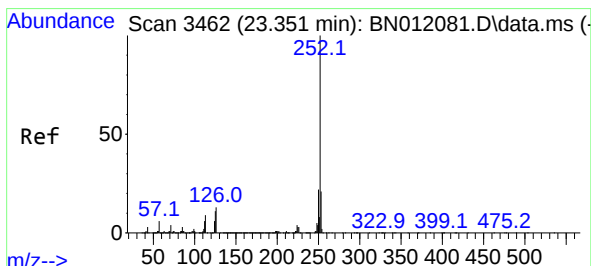
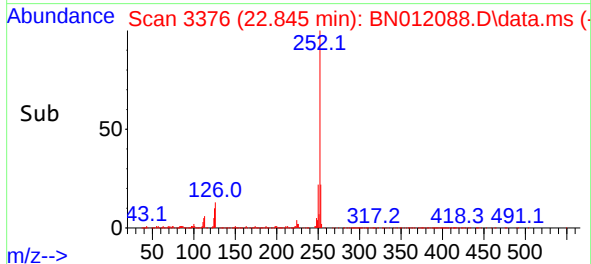
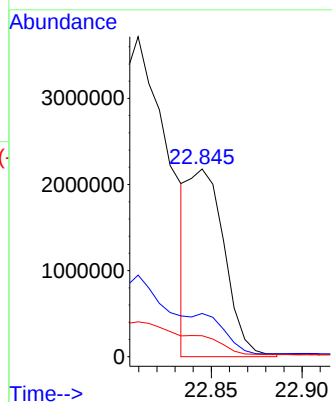
Instrument :
BNA_N
ClientSampled :
C0AK6



Tgt Ion:252 Resp: 3000870
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.2 7.7 11.5

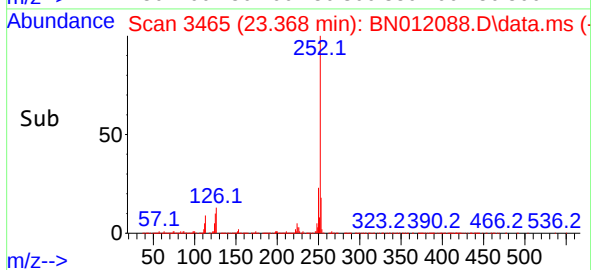
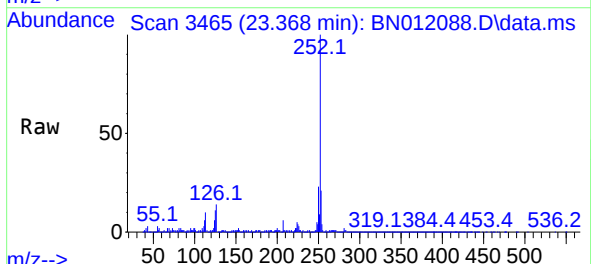
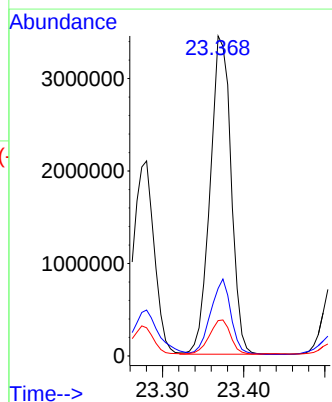
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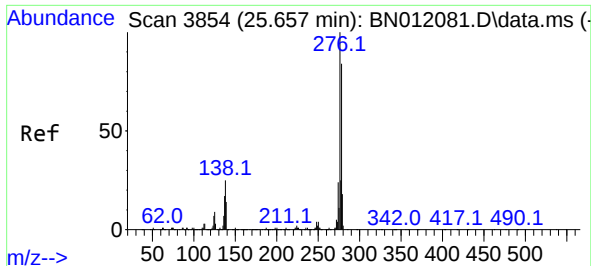
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#91
Benzo(a)pyrene
Concen: 55.33 ng/ul
RT: 23.368 min Scan# 3465
Delta R.T. 0.012 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

Tgt Ion:252 Resp: 6160712
Ion Ratio Lower Upper
252 100
253 21.1 16.6 24.8
125 11.0 9.0 13.6



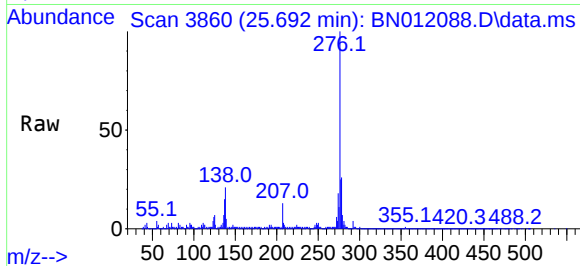


#92
Indeno(1,2,3-cd)pyrene
Concen: 31.77 ng/ul
RT: 25.692 min Scan# 3860
Delta R.T. 0.036 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

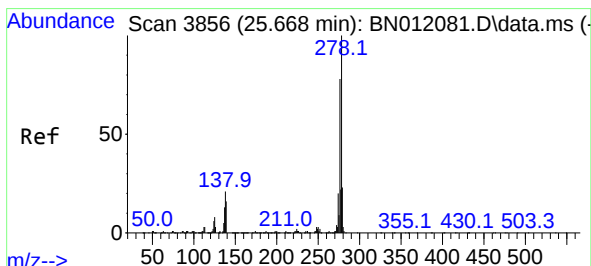
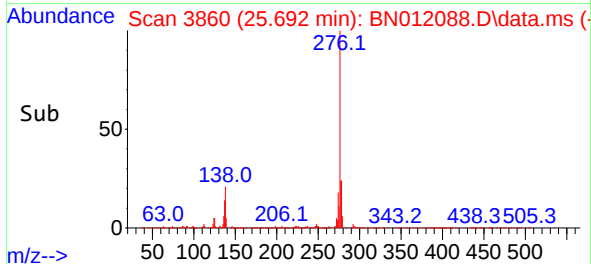
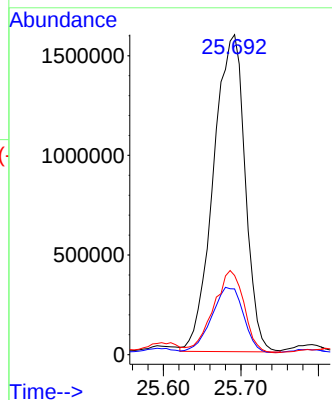
Instrument :
BNA_N
ClientSampled :
C0AK6

Manual Integrations
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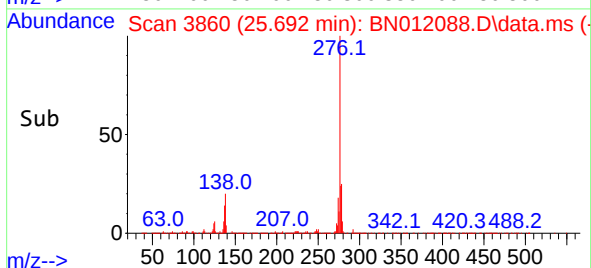
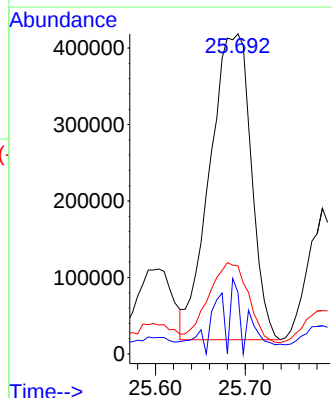
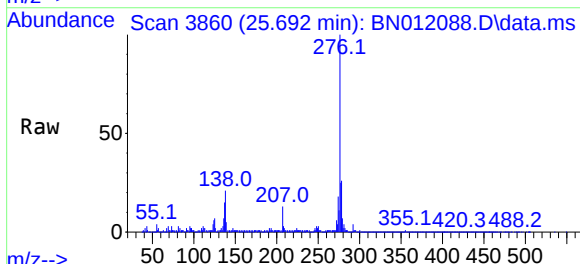


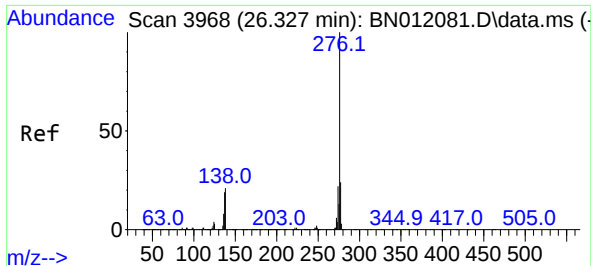
Tgt Ion:276 Resp: 4517008
Ion Ratio Lower Upper
276 100
138 20.5 17.4 26.2
277 24.8 19.0 28.4



#93
Dibenzo(a,h)anthracene
Concen: 10.90 ng/ul
RT: 25.692 min Scan# 3860
Delta R.T. 0.018 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

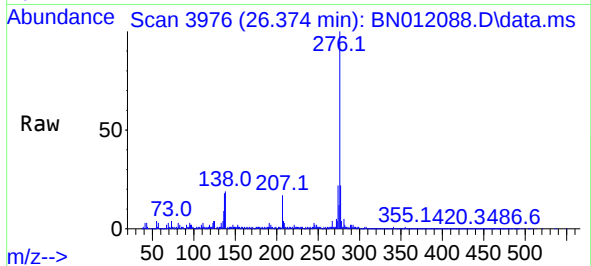
Tgt Ion:278 Resp: 1277290
Ion Ratio Lower Upper
278 100
139 19.2 12.2 18.2#
279 27.5 18.2 27.4#





#94
Benzo(g,h,i)perylene
Concen: 32.27 ng/ul
RT: 26.374 min Scan# 3976
Delta R.T. 0.041 min
Lab File: BN012088.D
Acq: 06 Oct 2020 13:04

Instrument :
BNA_N
ClientSampleId :
C0AK6



Tgt Ion: 276 Resp: 3907063
Ion Ratio Lower Upper
276 100
138 19.3 16.7 25.1
277 22.0 19.0 28.6

Manual Integrations
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