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 Data File : BN012096.D
 Acq On : 07 Oct 2020 14:35
 Operator : CG/JU
 Sample : L4184-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP4

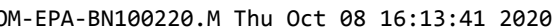
Quant Time: Oct 07 15:07:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 07 13:26:33 2020
 Response via : Initial Calibration

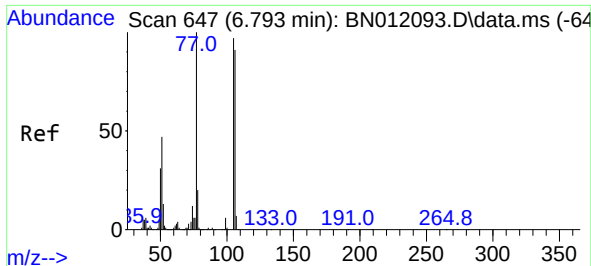
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	382586	20.00	ng/ul	0.01
18) Naphthalene-d8	10.428	136	1552857	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.293	164	920390	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1826872	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1652165	20.00	ng/ul	0.00
86) Perylene-d12	23.463	264	1853998	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	27057	3.08	ng/uL	0.01
5) Phenol-d5	6.828	99	505674	15.84	ng/ul	0.01
7) Bis-(2-Chloroethyl)eth...	6.993	67	306042	15.60	ng/ul	0.01
9) 2-Chlorophenol-d4	7.187	132	417122	16.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.358	113	375651	14.95	ng/ul	0.01
19) Nitrobenzene-d5	8.805	128	201540	16.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.516	143	223661	16.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.052	165	390850	15.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	325901	10.81	ng/ul	0.01
44) Dimethylphthalate-d6	13.710	166	1243660	17.23	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	1482266	17.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.498	143	175393	13.19	ng/ul	0.00
58) Fluorene-d10	15.292	176	1012465	16.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	100663	8.63	ng/ul	0.00
71) Anthracene-d10	17.139	188	1508818	17.03	ng/ul	0.00
79) Pyrene-d10	19.445	212	1493963	17.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	1634199	15.71	ng/ul	0.00
Target Compounds					Qvalue	
4) Benzaldehyde	6.805	77	74787	4.07	ng/ul	90
14) Acetophenone	8.475	105	60781	1.52	ng/ul	89
45) Dimethylphthalate	13.757	163	550720	7.40	ng/ul	99
70) Phenanthrene	17.086	178	331851	2.98	ng/ul	96
77) Fluoranthene	19.110	202	453352	3.63	ng/ul	99
80) Pyrene	19.475	202	388767	3.26	ng/ul	98
83) Benzo(a)anthracene	21.233	228	212707	1.91	ng/ul	94
84) Bis(2-ethylhexyl)phtha...	21.174	149	598314	7.96	ng/ul	96
85) Chrysene	21.286	228	205727	1.88	ng/ul#	94
88) Benzo(b)fluoranthene	22.798	252	297196	2.29	ng/ul#	48
91) Benzo(a)pyrene	23.363	252	185207	1.57	ng/ul#	37
94) Benzo(g,h,i)perylene	26.345	276	136143	1.06	ng/ul	96

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

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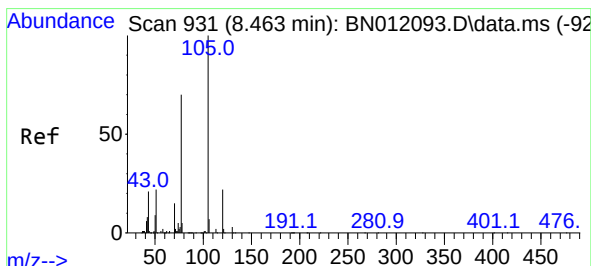
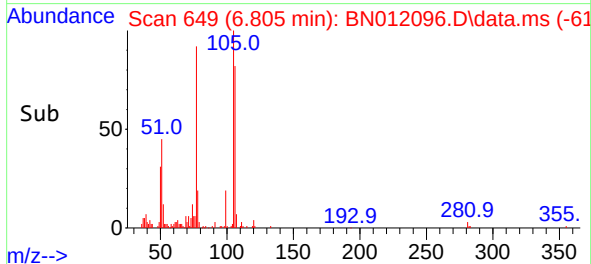
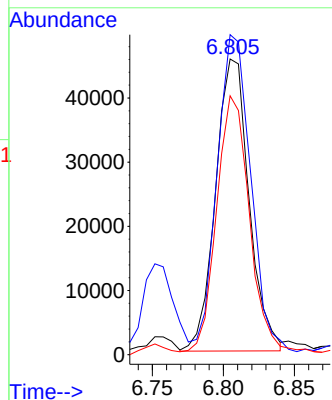
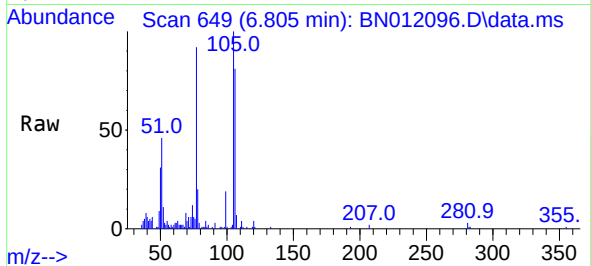




#4
Benzaldehyde
Concen: 4.07 ng/ul
RT: 6.805 min Scan# 649
Delta R.T. 0.012 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

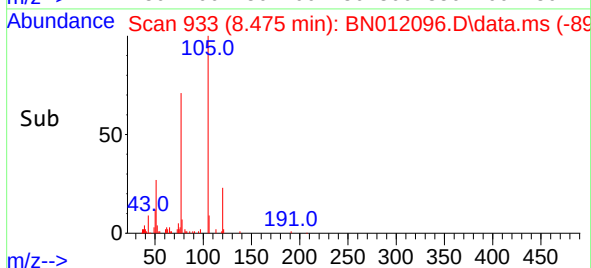
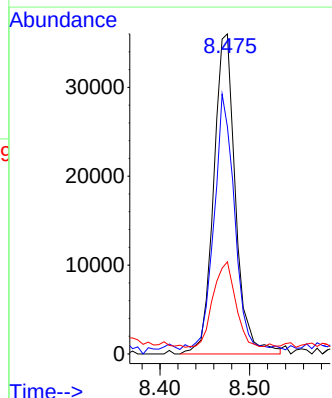
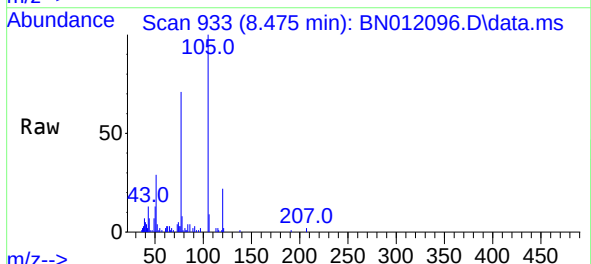
Instrument :
BNA_N
ClientSampled :
C0AP4

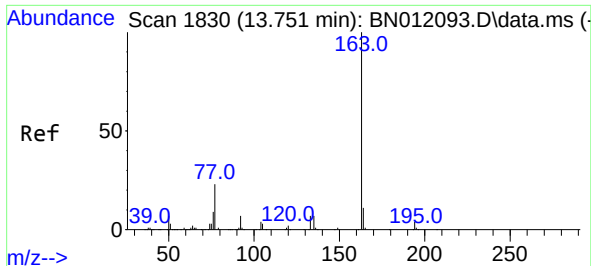
Tgt Ion: 77 Resp: 74787
Ion Ratio Lower Upper
77 100
105 108.2 74.6 112.0
106 87.6 73.2 109.8



#14
Acetophenone
Concen: 1.52 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.012 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Tgt Ion: 105 Resp: 60781
Ion Ratio Lower Upper
105 100
77 71.0 66.9 100.3
51 28.8 24.3 36.5

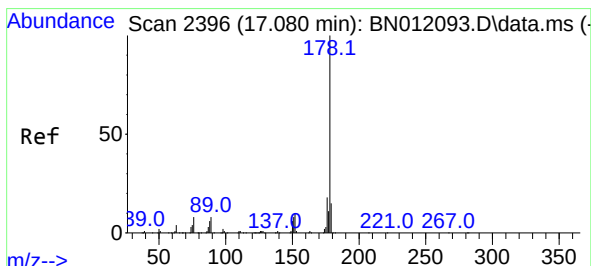
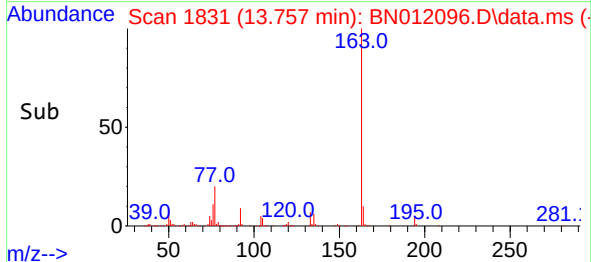
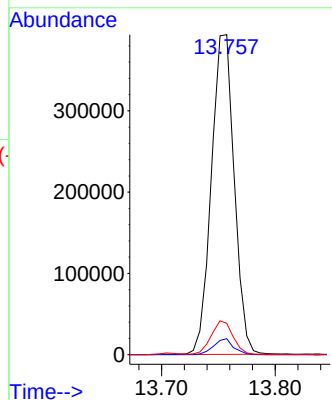
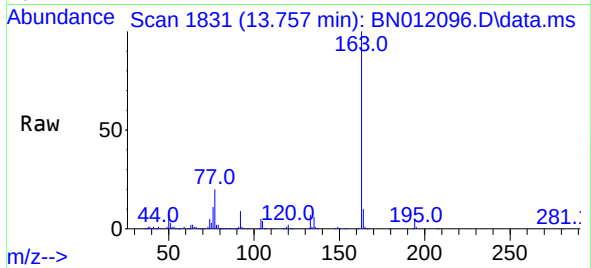




#45
Dimethylphthalate
Concen: 7.40 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

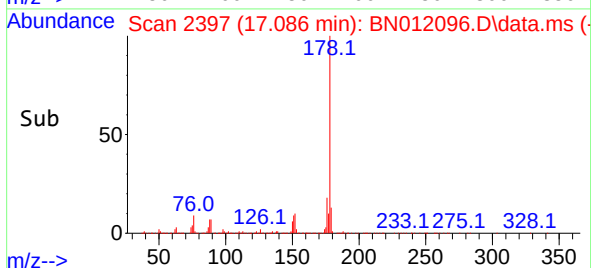
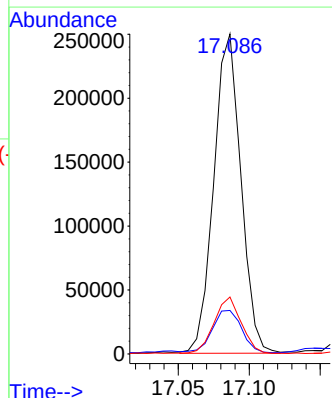
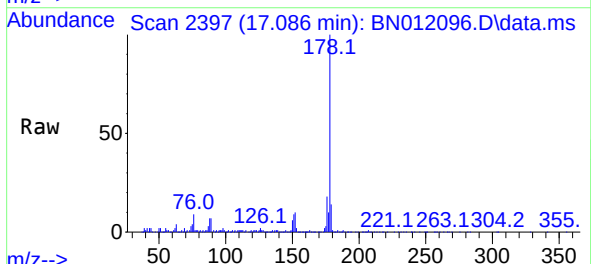
Instrument :
BNA_N
ClientSampled :
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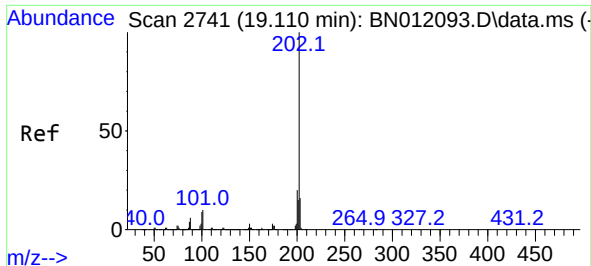
Tgt Ion:163 Resp: 550720
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 9.8 7.8 11.8



#70
Phenanthrene
Concen: 2.98 ng/ul
RT: 17.086 min Scan# 2397
Delta R.T. 0.006 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Tgt Ion:178 Resp: 331851
Ion Ratio Lower Upper
178 100
179 13.6 12.2 18.2
176 17.8 15.4 23.2

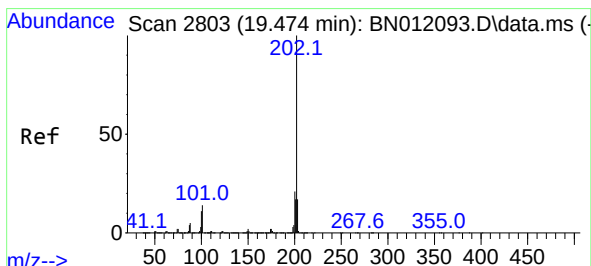
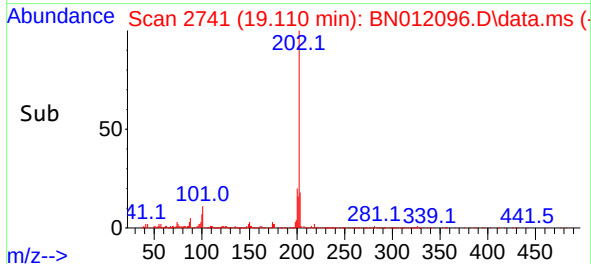
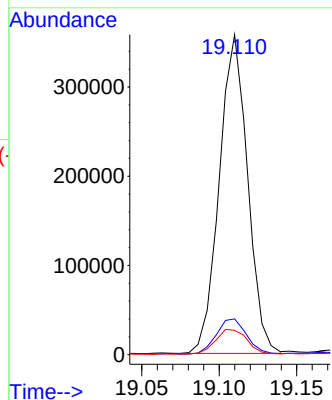
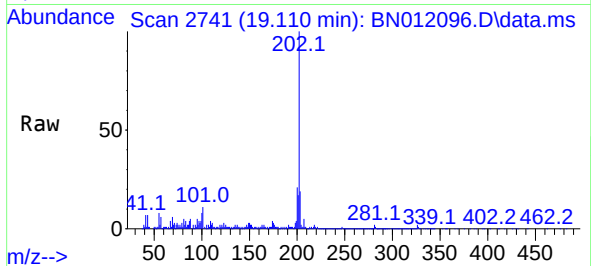




#77
Fluoranthene
Concen: 3.63 ng/ul
RT: 19.110 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

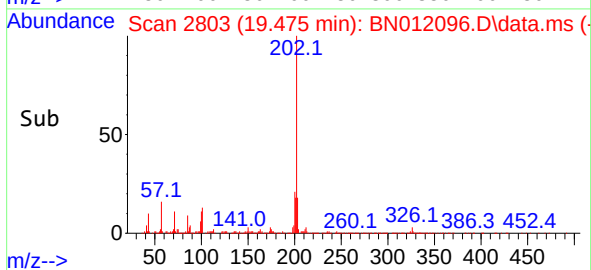
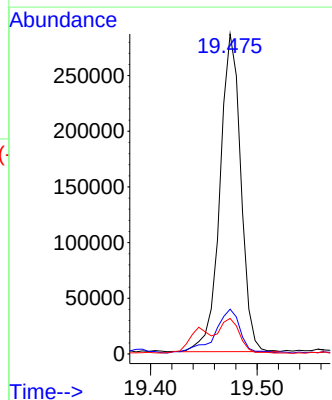
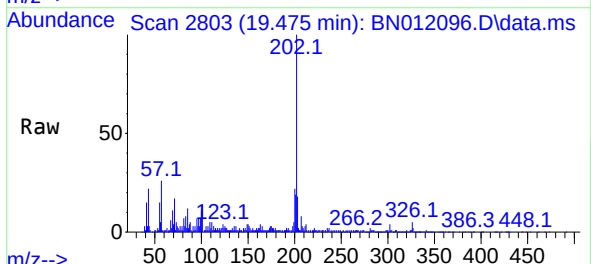
Instrument :
BNA_N
ClientSampled :
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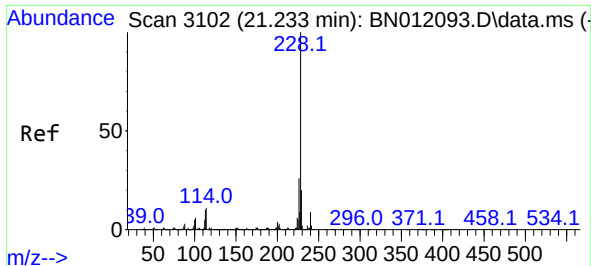
Tgt Ion:202 Resp: 453352
Ion Ratio Lower Upper
202 100
101 11.2 8.6 13.0
100 7.6 6.6 9.8



#80
Pyrene
Concen: 3.26 ng/ul
RT: 19.475 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Tgt Ion:202 Resp: 388767
Ion Ratio Lower Upper
202 100
101 14.0 10.2 15.2
100 11.1 8.8 13.2

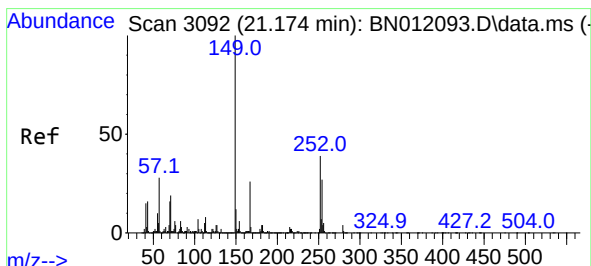
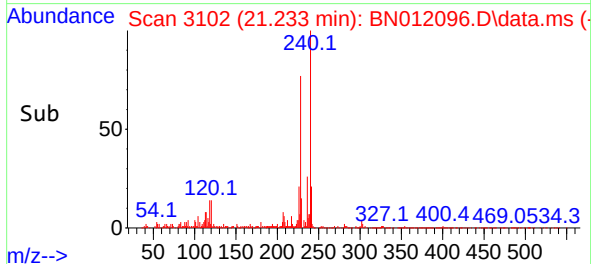
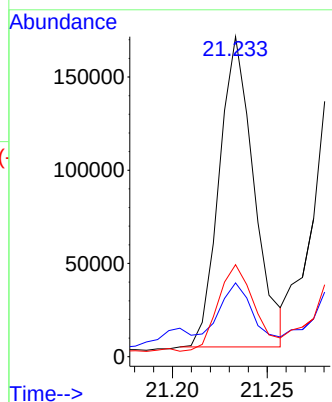
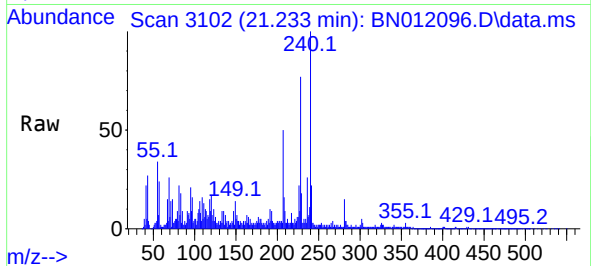




#83
Benzo(a)anthracene
Concen: 1.91 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

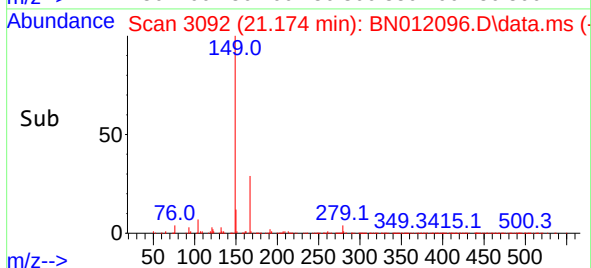
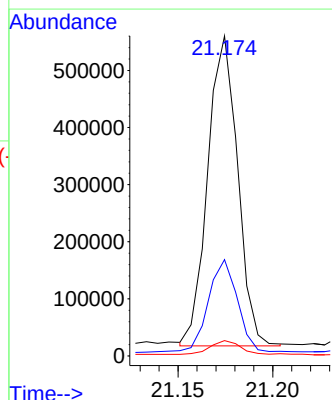
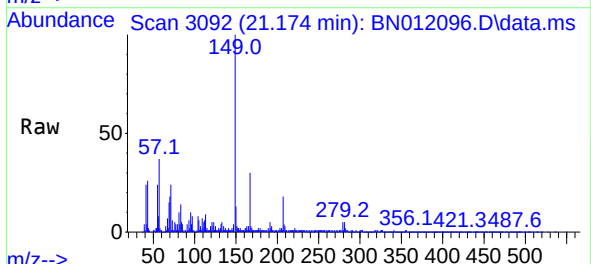
Instrument :
BNA_N
ClientSampled :
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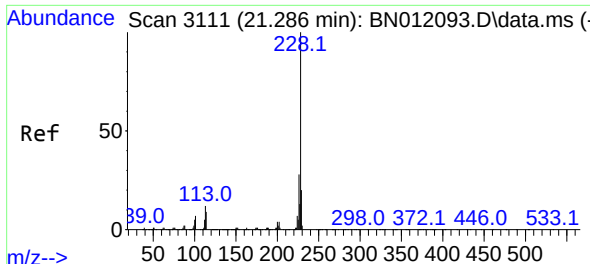
Tgt Ion:228 Resp: 212707
Ion Ratio Lower Upper
228 100
229 23.1 15.4 23.2
226 28.7 21.2 31.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.96 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Tgt Ion:149 Resp: 598314
Ion Ratio Lower Upper
149 100
167 30.1 22.0 33.0
279 4.8 3.6 5.4

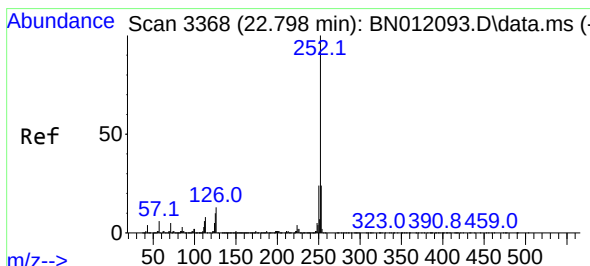
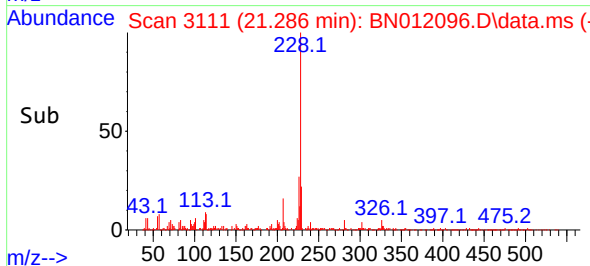
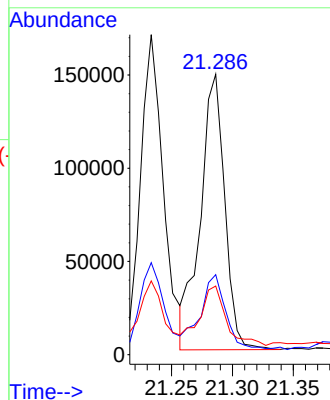
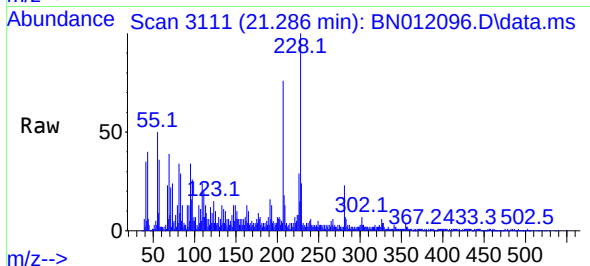




#85
Chrysene
Concen: 1.88 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

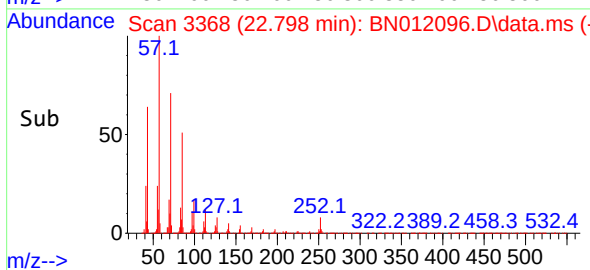
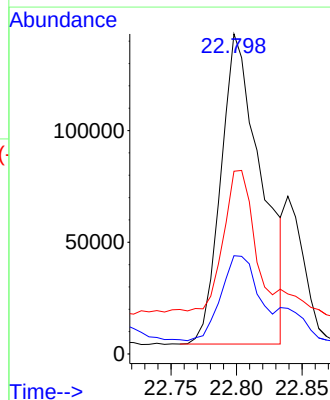
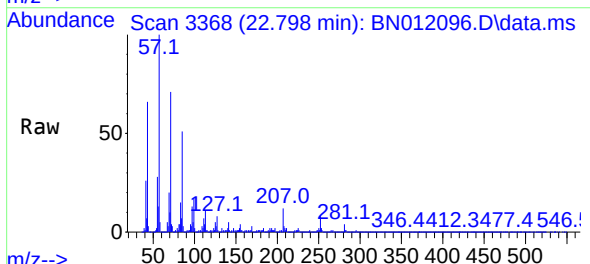
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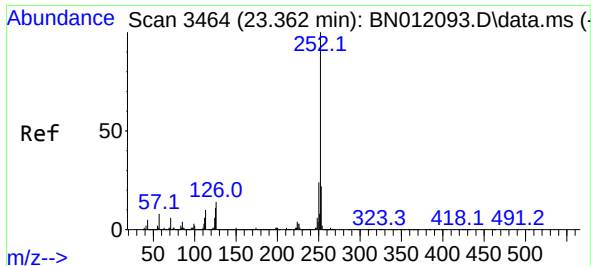
Tgt Ion:228 Resp: 205727
Ion Ratio Lower Upper
228 100
226 28.5 23.3 34.9
229 24.5 15.0 22.4#



#88
Benzo(b)fluoranthene
Concen: 2.29 ng/ul
RT: 22.798 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Tgt Ion:252 Resp: 297196
Ion Ratio Lower Upper
252 100
253 30.7 17.8 26.8#
125 57.1 8.1 12.1#

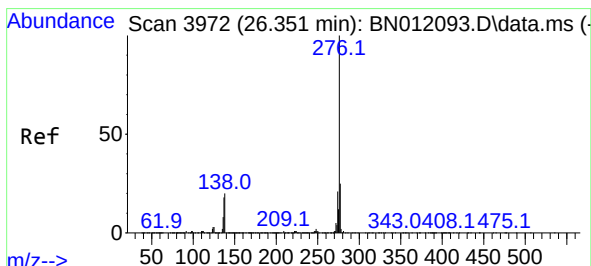
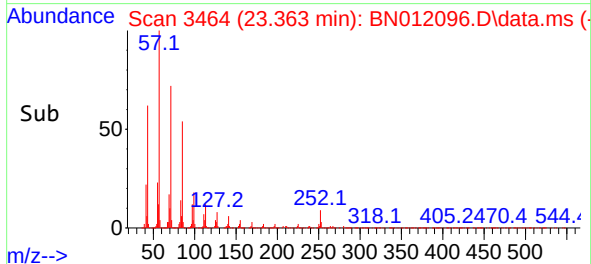
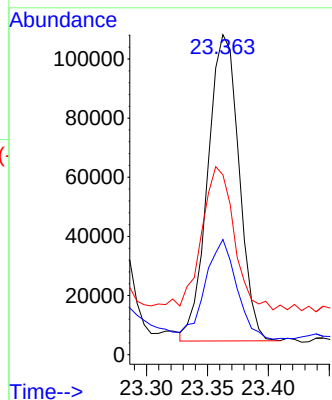
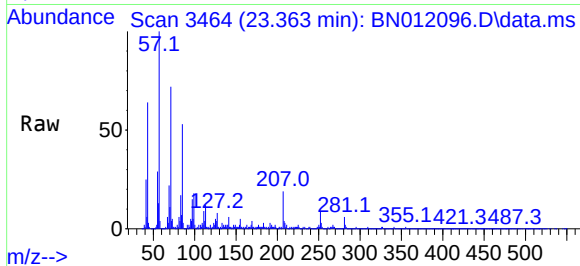




#91
Benzo(a)pyrene
Concen: 1.57 ng/ul
RT: 23.363 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Instrument :
BNA_N
ClientSampled :
C0AP4

Tgt Ion:252 Resp: 185207
Ion Ratio Lower Upper
252 100
253 36.0 16.6 24.8#
125 56.2 9.0 13.6#



#94
Benzo(g,h,i)perylene
Concen: 1.06 ng/ul
RT: 26.345 min Scan# 3971
Delta R.T. -0.006 min
Lab File: BN012096.D
Acq: 07 Oct 2020 14:35

Tgt Ion:276 Resp: 136143
Ion Ratio Lower Upper
276 100
138 20.5 16.7 25.1
277 27.5 19.0 28.6

