

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
 Data File : BN005884.D
 Acq On : 23 May 2019 12:11
 Operator : JU/SJ
 Sample : K2927-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 A42A7

Manual Integrations
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Quant Time: May 23 17:17:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	72220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	317246	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	219361	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	560090	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	597548	20.00	ng/ul	0.01
85) Perylene-d12	23.42	264	590587	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	3604	2.79	ng/uL	0.00
5) Phenol-d5	6.77	99	84324	15.11	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	48042	16.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	73121	16.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	68881	14.43	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	37851	16.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	39725	14.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	81206	16.00	ng/ul	0.02
29) 4-Chloroaniline-d4	10.51	131	41378	7.34	ng/ul	0.04
43) Dimethylphthalate-d6	13.62	166	293578	17.39	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	372243	18.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	26919	11.32	ng/ul	0.04
57) Fluorene-d10	15.20	176	279369	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	8861	2.63	ng/ul	0.02
70) Anthracene-d10	17.06	188	468032	19.34	ng/ul	0.00
78) Pyrene-d10	19.37	212	574923	19.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	502392	18.96	ng/ul	0.03

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.67	163	87206	5.240	ng/ul	98
47) Acenaphthylene	13.92	152	38653	1.957	ng/ul	99
49) Acenaphthene	14.26	153	17696	1.323	ng/ul	94
53) Dibenzofuran	14.62	168	20865	1.051	ng/ul	92
58) Fluorene	15.26	166	25156	1.558	ng/ul#	91
69) Phenanthrene	17.00	178	482788	17.389	ng/ul	99
71) Anthracene	17.10	178	124059	4.389	ng/ul	99
74) Carbazole	17.38	167	39106	1.569	ng/ul	98
76) Fluoranthene	19.04	202	869963	25.345	ng/ul#	88
79) Pyrene	19.41	202	779377	21.240	ng/ul#	86
82) Benzo(a)anthracene	21.19	228	446970	11.873	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	290820	13.635	ng/ul#	98
84) Chrysene	21.25	228	419195	11.812	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	503441	15.495	ng/ul#	95
88) Benzo(k)fluoranthene	22.80	252	159893m	5.086	ng/ul	
90) Benzo(a)pyrene	23.33	252	352601m	11.207	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.63	276	220801	5.740	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.62	278	66916	2.067	ng/ul#	89
93) Benzo(g,h,i)perylene	26.30	276	175119	5.446	ng/ul#	89

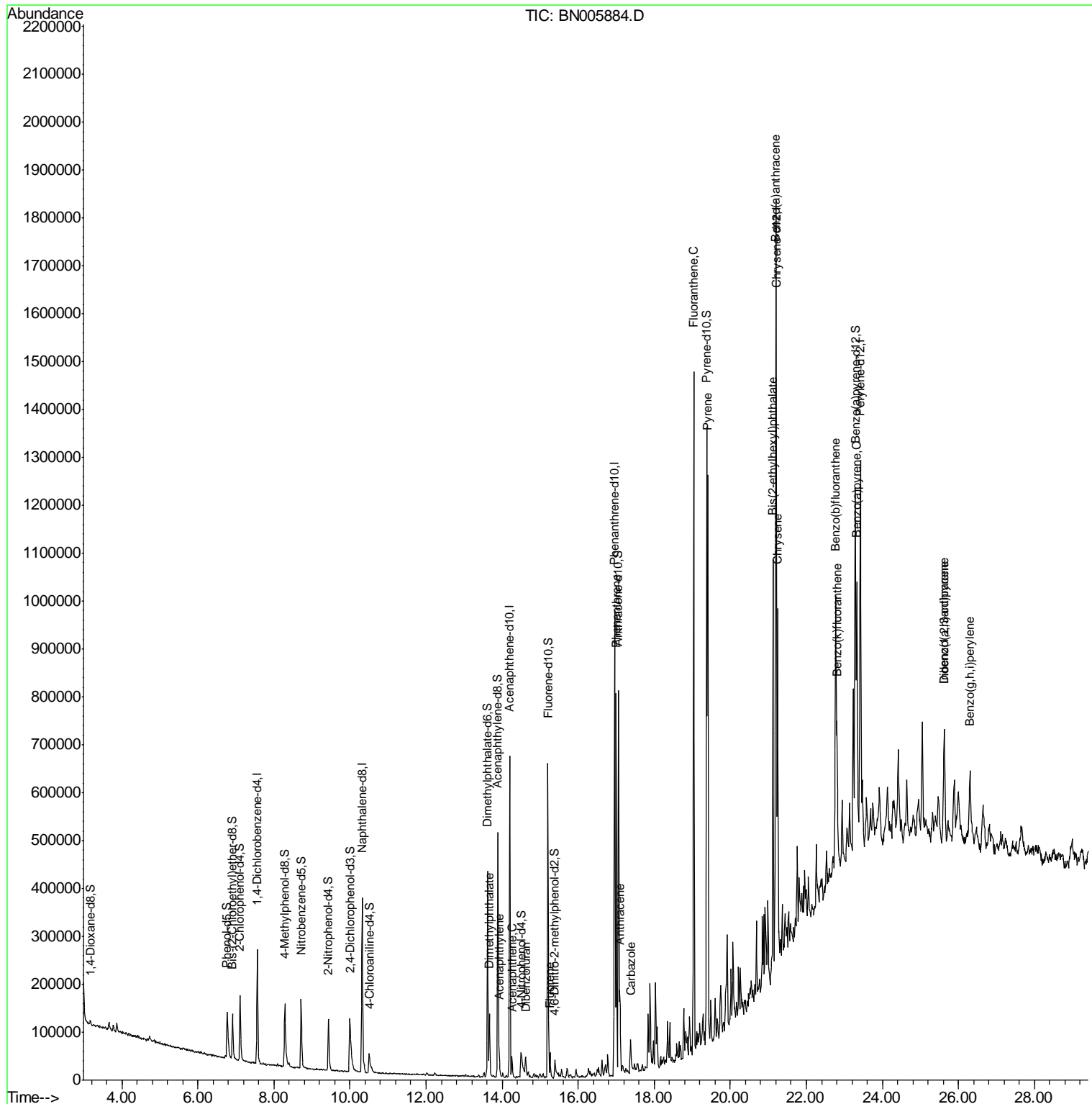
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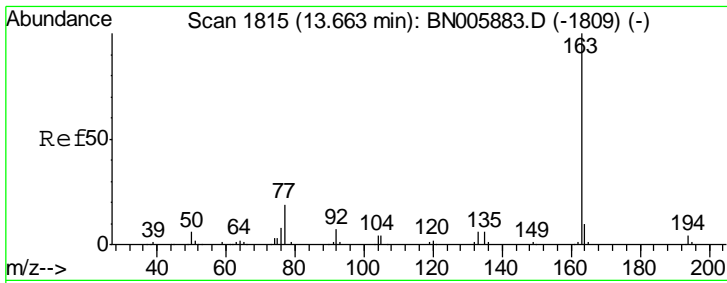
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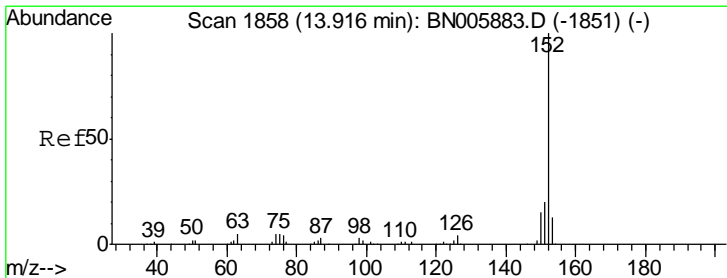
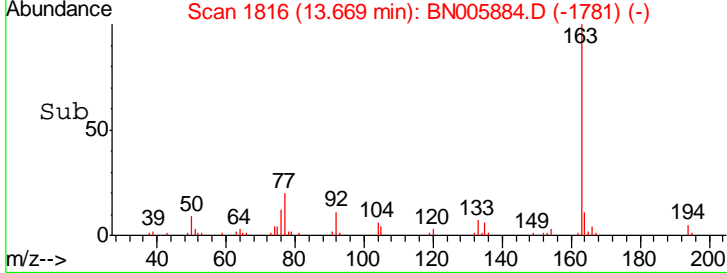
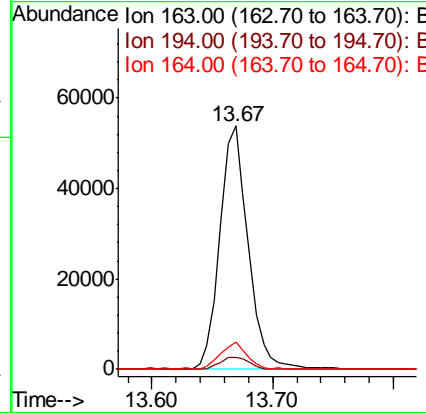
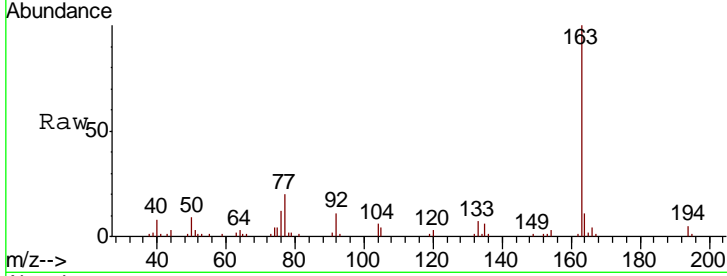
#44
 Dimethylphthalate
 Concen: 5.240 ng/ul
 RT: 13.67 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
 ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	11.0	8.1	12.1

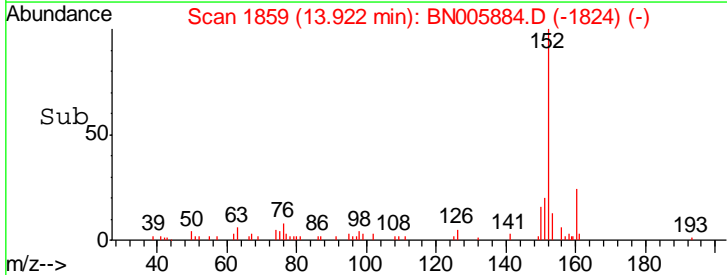
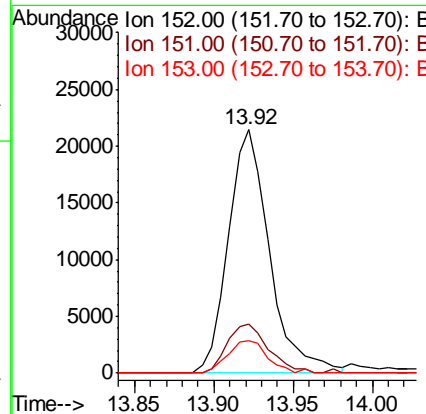
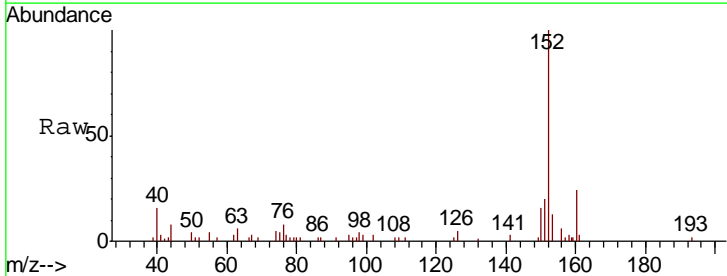
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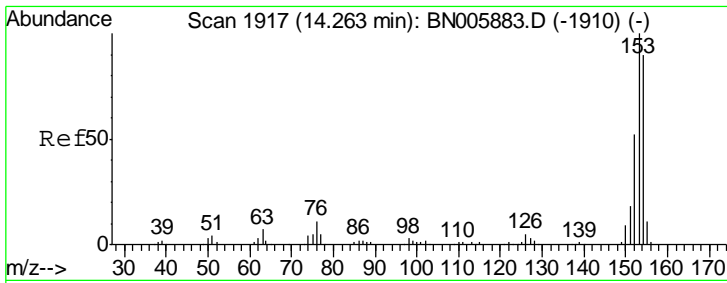
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#47
 Acenaphthylene
 Concen: 1.957 ng/ul
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	9.8	14.8





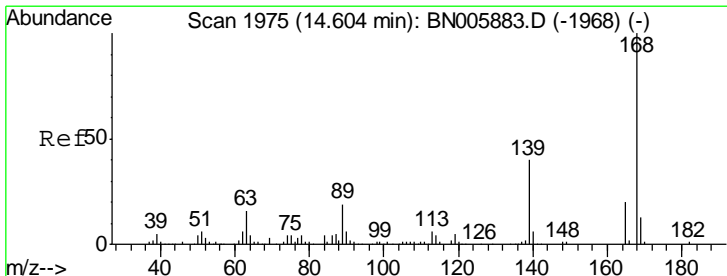
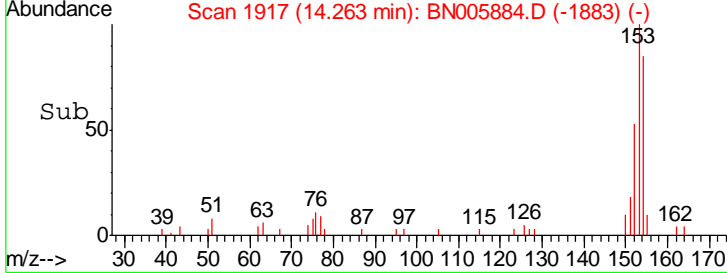
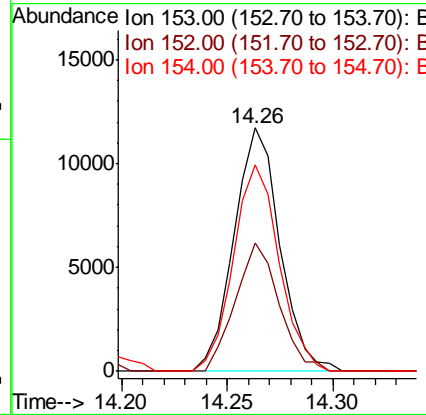
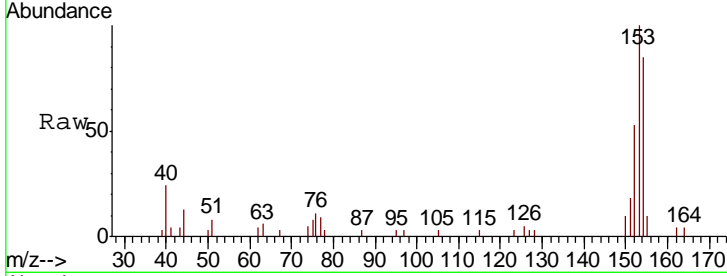
#49
 Acenaphthene
 Concen: 1.323 ng/ul
 RT: 14.26 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
 ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
153	17696		
152	52.6	37.4	56.0
154	84.6	71.2	106.8

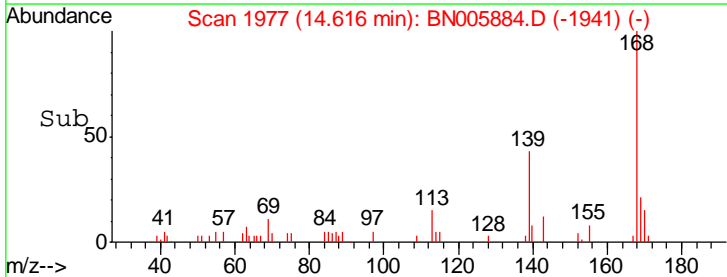
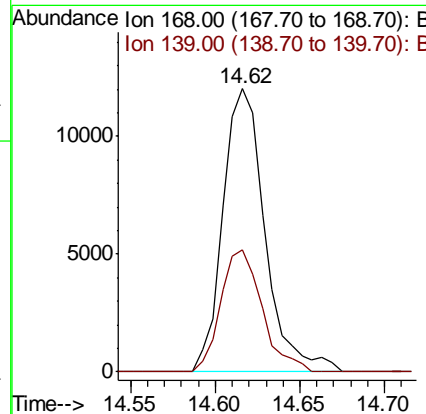
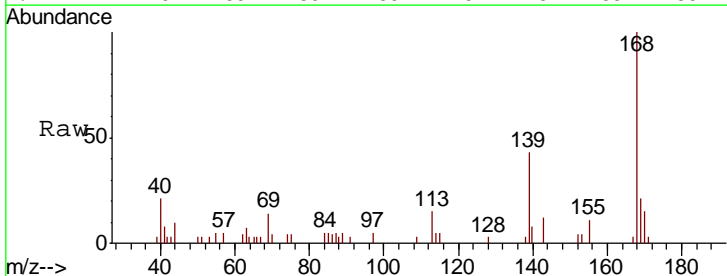
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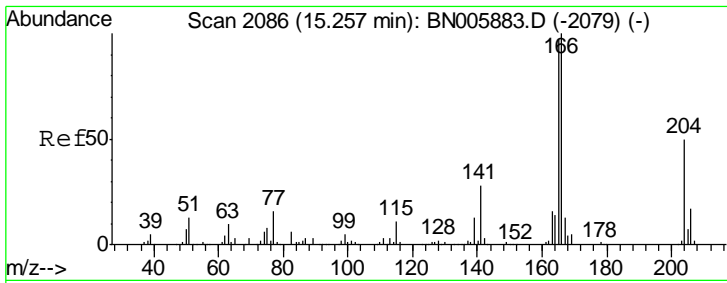
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#53
 Dibenzofuran
 Concen: 1.051 ng/ul
 RT: 14.62 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
168	20865		
139	43.3	30.9	46.3





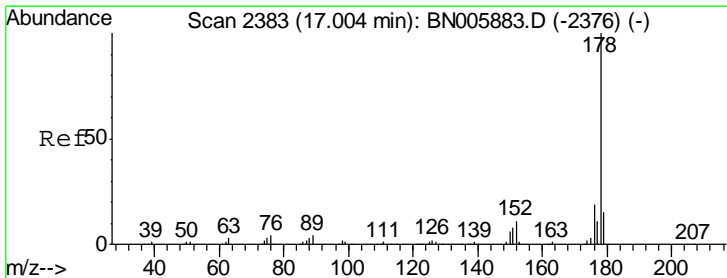
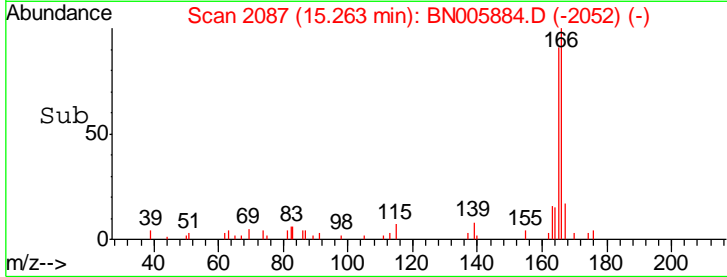
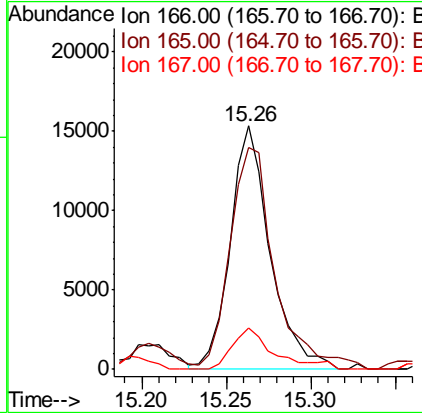
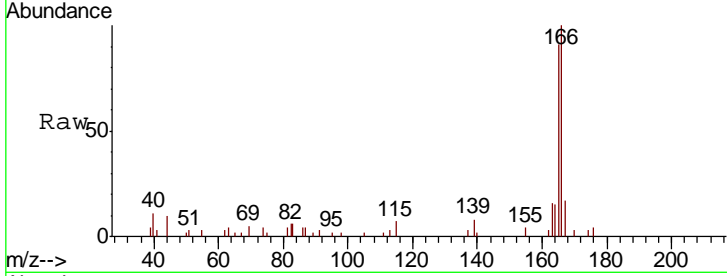
#58
 Fluorene
 Concen: 1.558 ng/ul
 RT: 15.26 min Scan# 2087
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
166	25156		
165	91.1	80.0	120.0
167	17.2	10.7	16.1#

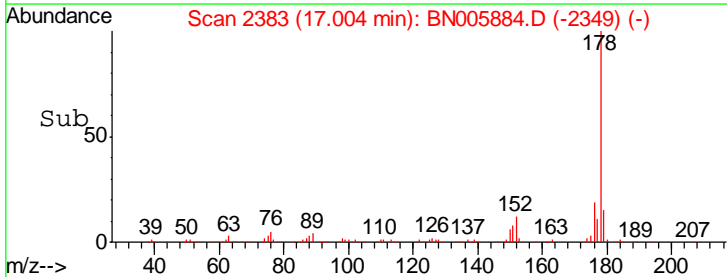
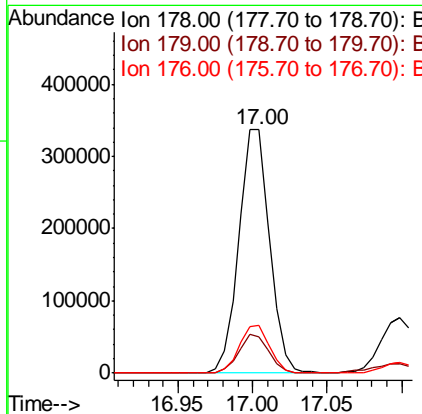
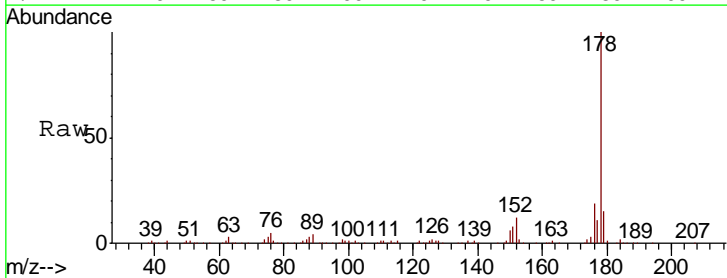
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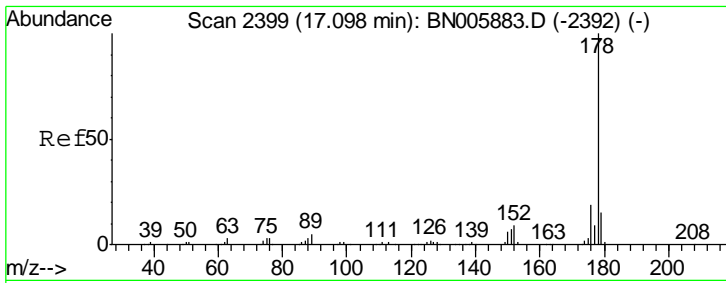
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#69
 Phenanthrene
 Concen: 17.389 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
178	482788		
179	14.7	12.2	18.4
176	19.5	15.1	22.7





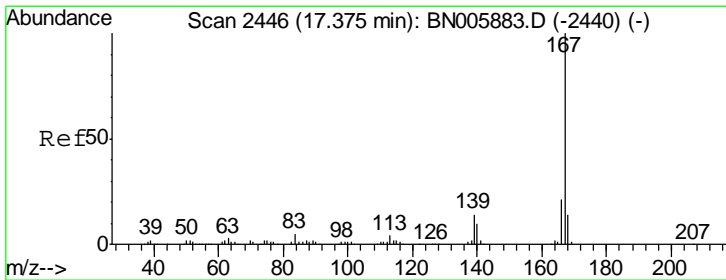
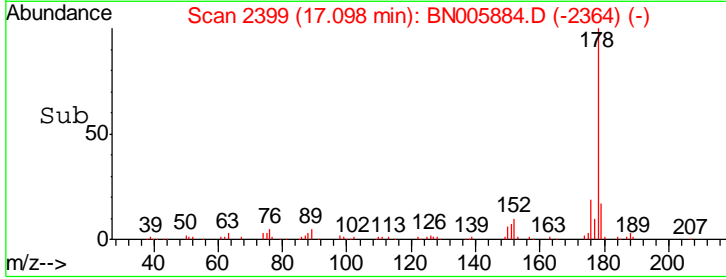
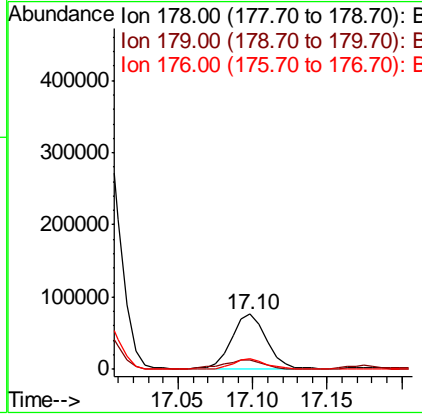
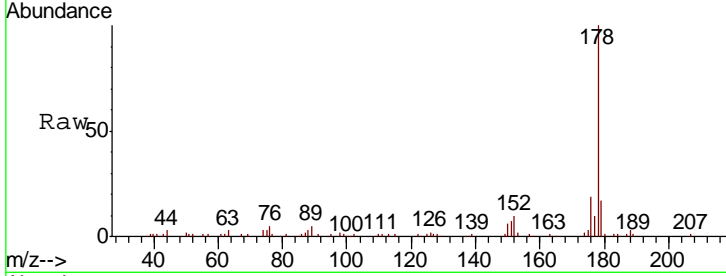
#71
 Anthracene
 Concen: 4.389 ng/ul
 RT: 17.10 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
 ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
178	124059		
179	16.7	12.3	18.5
176	18.9	15.1	22.7

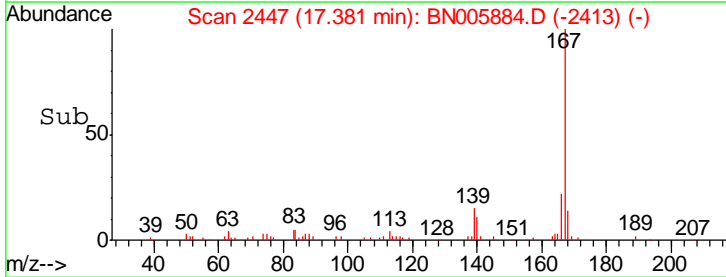
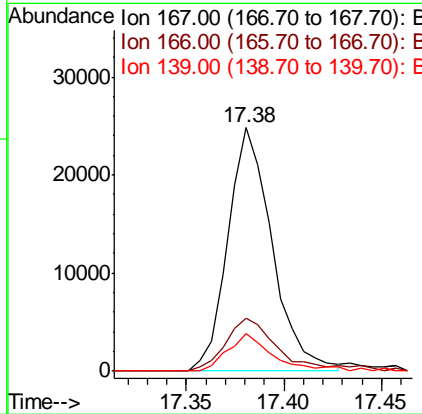
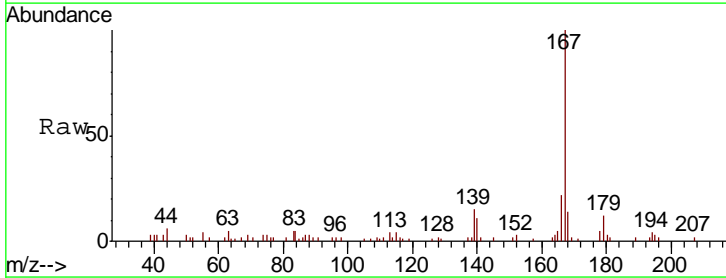
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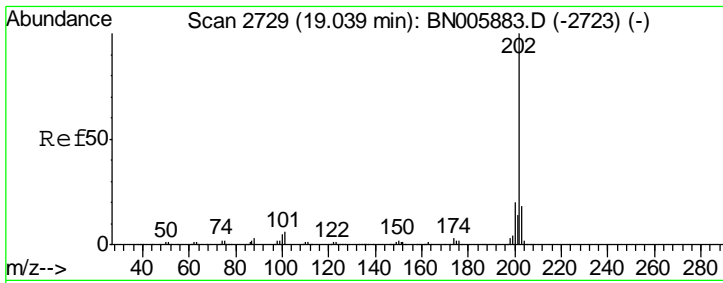
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#74
 Carbazole
 Concen: 1.569 ng/ul
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
167	39106		
166	21.8	17.2	25.8
139	15.4	10.6	16.0





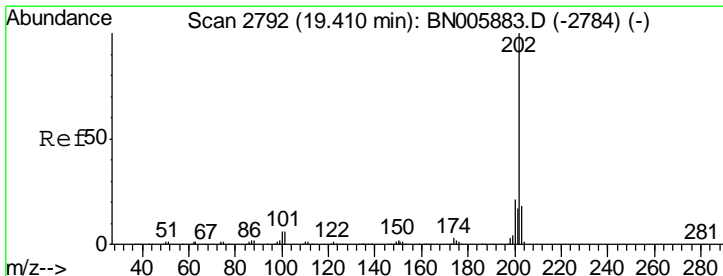
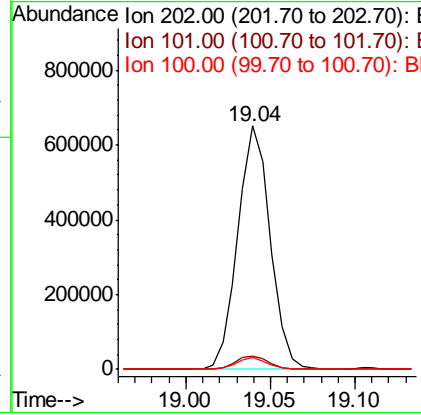
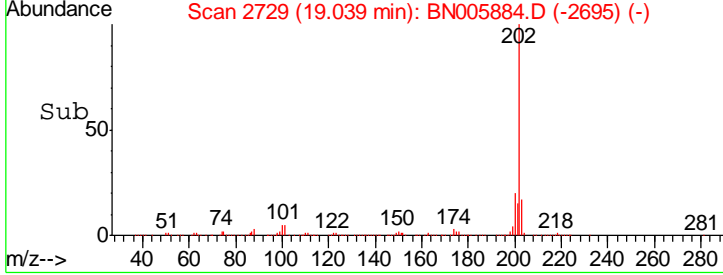
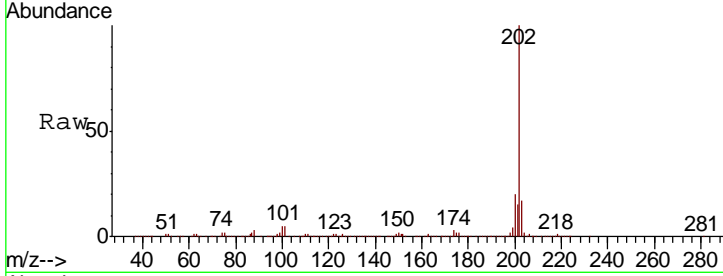
#76
 Fluoranthene
 Concen: 25.345 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
202	100		
101	5.5	8.6	12.8#
100	4.7	6.3	9.5#

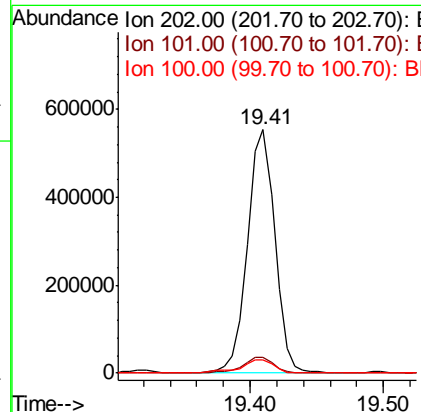
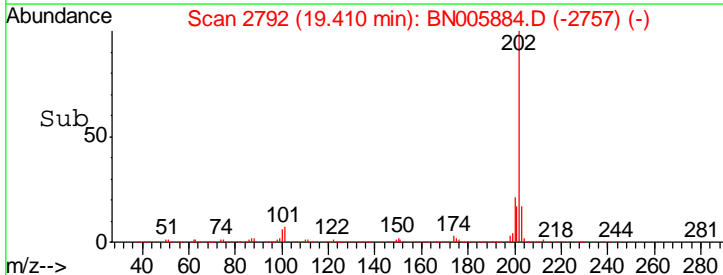
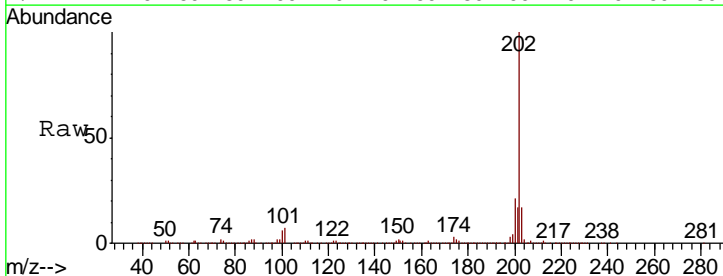
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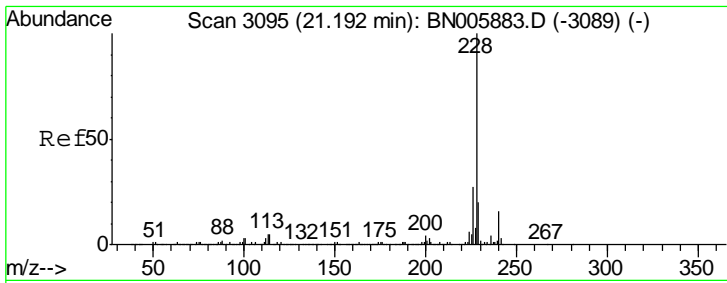
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#79
 Pyrene
 Concen: 21.240 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
202	100		
101	6.7	10.3	15.5#
100	5.6	7.9	11.9#



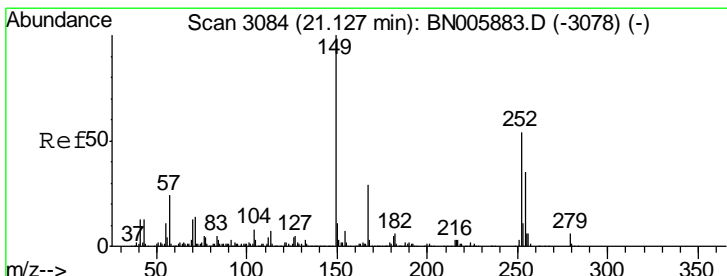
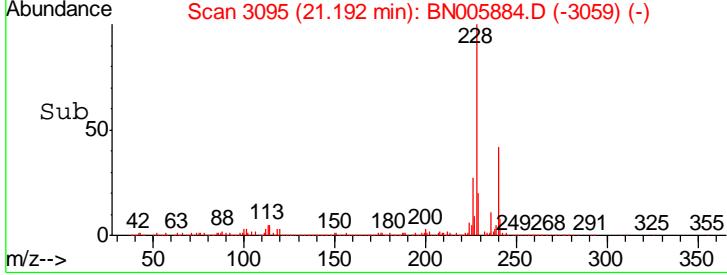
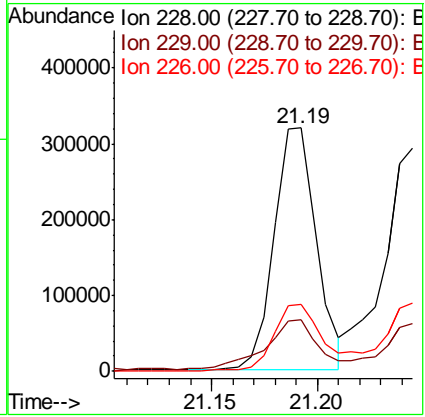
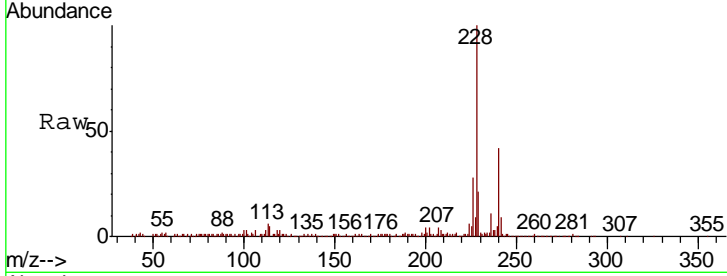


#82
 Benzo(a)anthracene
 Concen: 11.873 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

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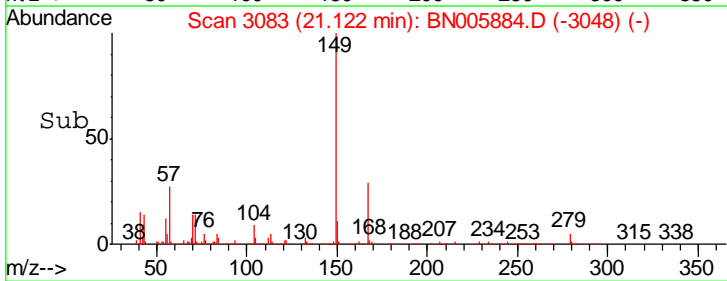
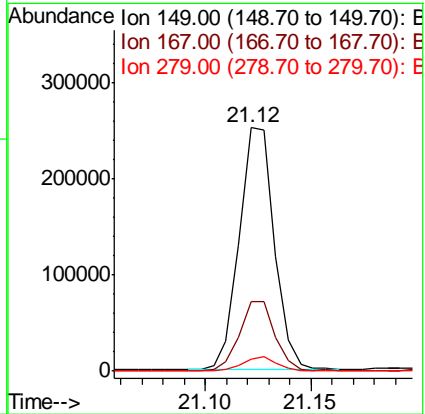
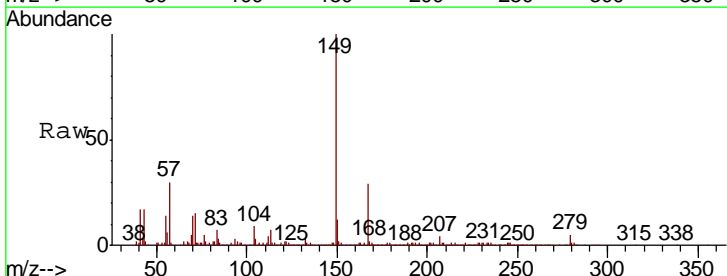
Tgt Ion	Resp	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	27.7	21.4	32.2

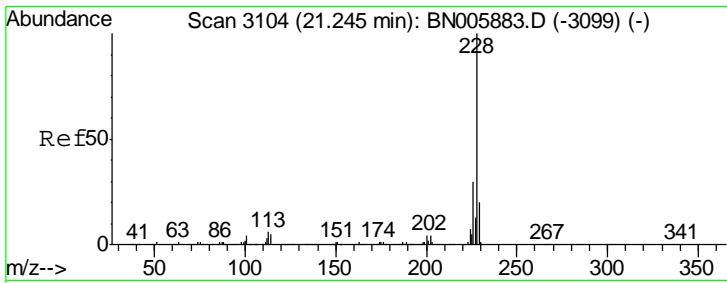
Manual Integrations
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.635 ng/ul
 RT: 21.12 min Scan# 3083
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
149	100		
167	28.8	22.3	33.5
279	5.1	3.3	4.9#





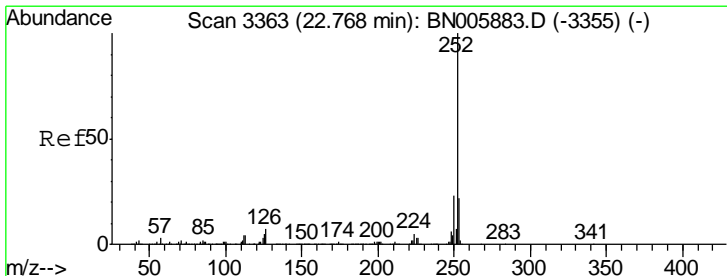
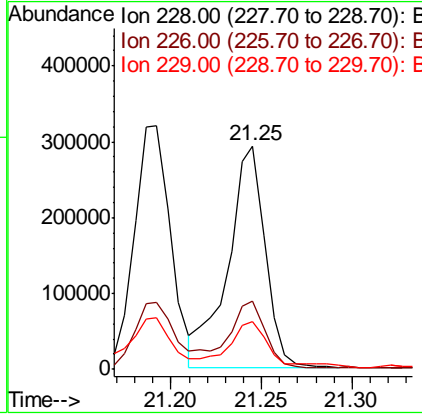
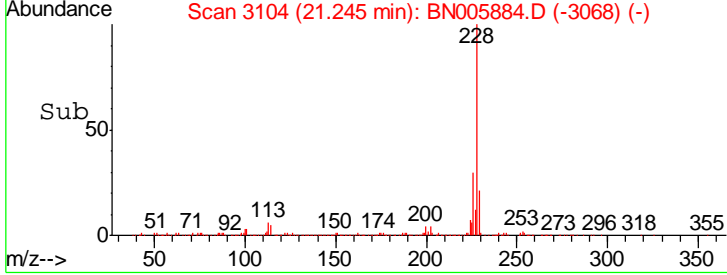
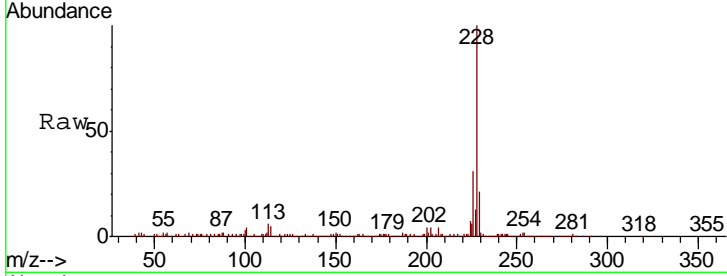
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 Chrysene
 Concen: 11.812 ng/ul
 RT: 21.25 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.3	15.4	23.0

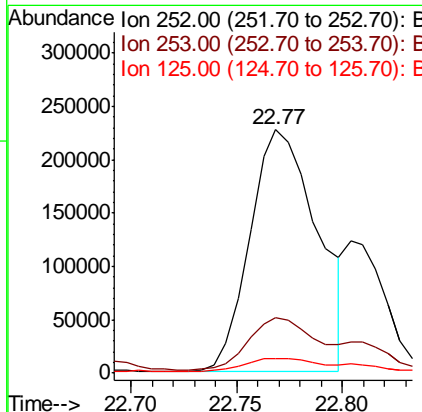
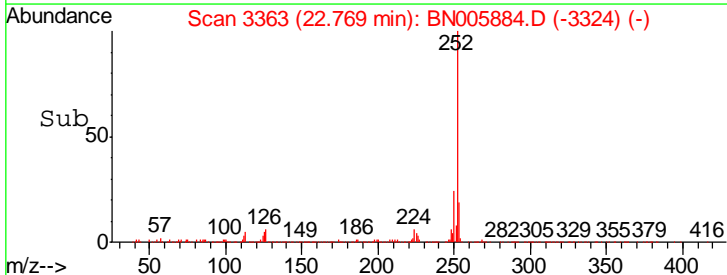
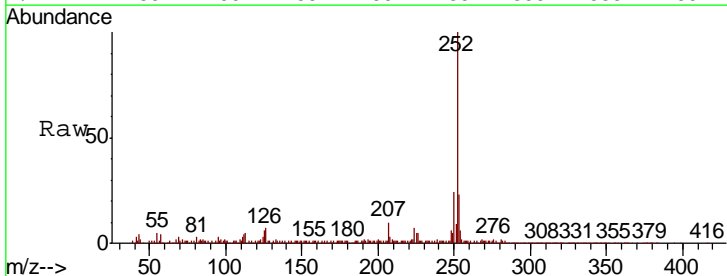
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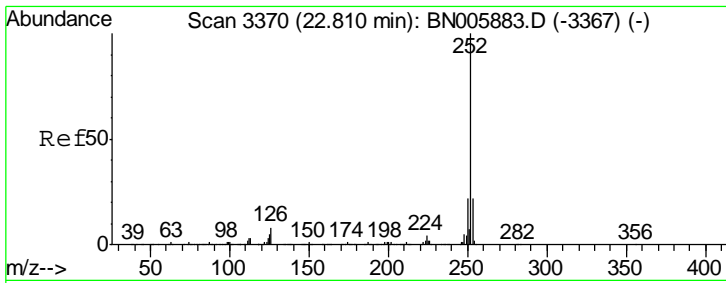
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#87
 Benzo(b)fluoranthene
 Concen: 15.495 ng/ul
 RT: 22.77 min Scan# 3363
 Delta R.T. 0.03 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	5.9	8.4	12.6#





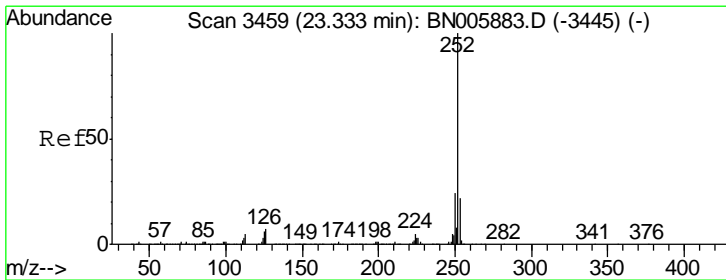
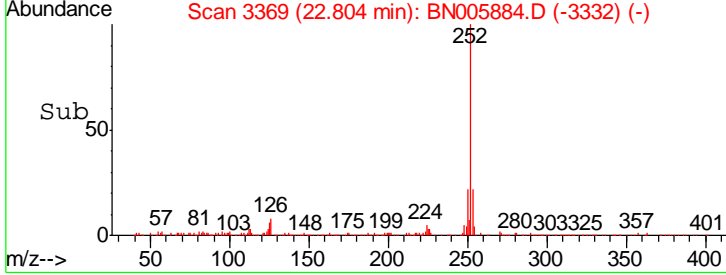
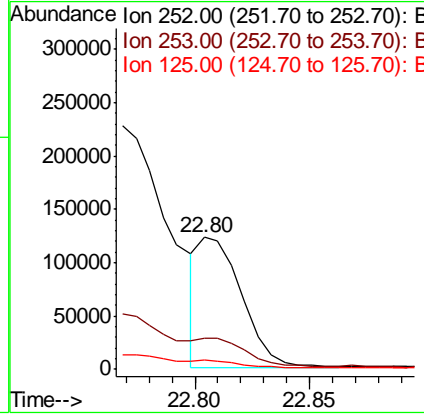
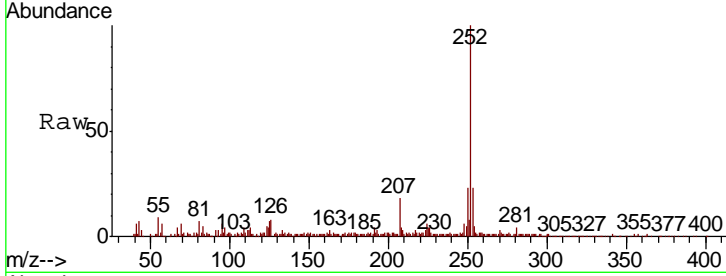
#88
 Benzo(k)fluoranthene
 Concen: 5.086 ng/ul m
 RT: 22.80 min Scan# 3369
 Delta R.T. 0.02 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
 ClientSampled :
 A42A7

Tgt Ion	Resp	Lower	Upper
252	159893		
253	23.4	17.4	26.0
125	6.8	7.5	11.3#

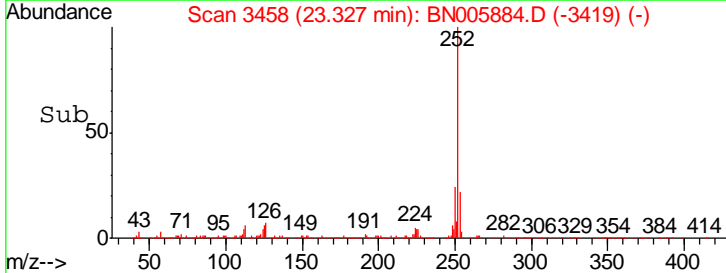
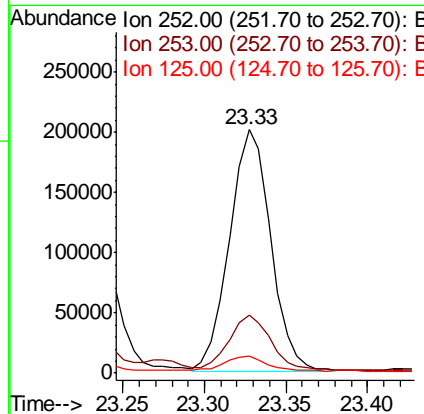
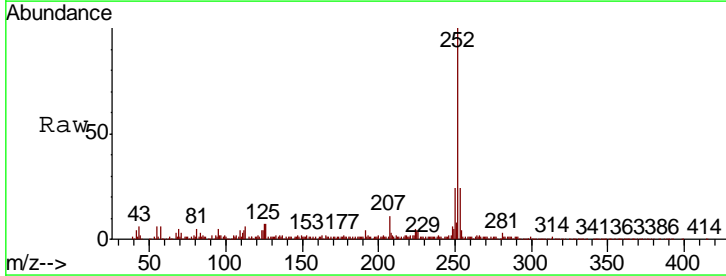
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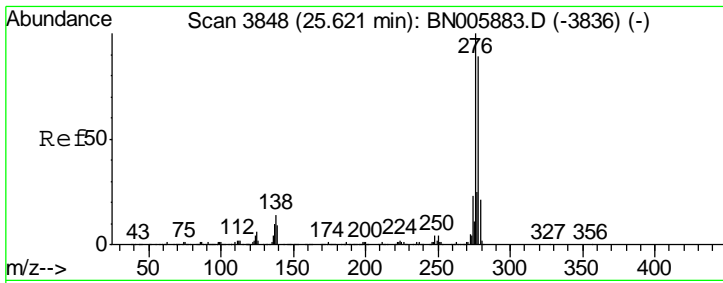
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#90
 Benzo(a)pyrene
 Concen: 11.207 ng/ul m
 RT: 23.33 min Scan# 3458
 Delta R.T. 0.03 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
252	352601		
253	24.0	17.3	25.9
125	7.0	8.6	13.0#



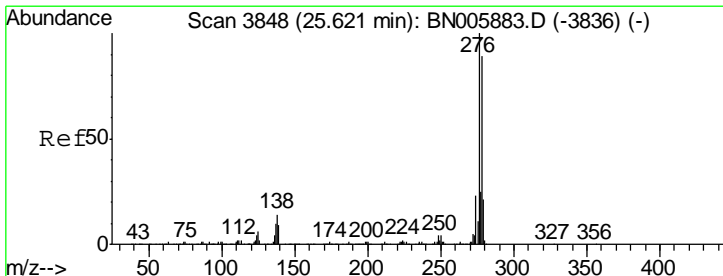
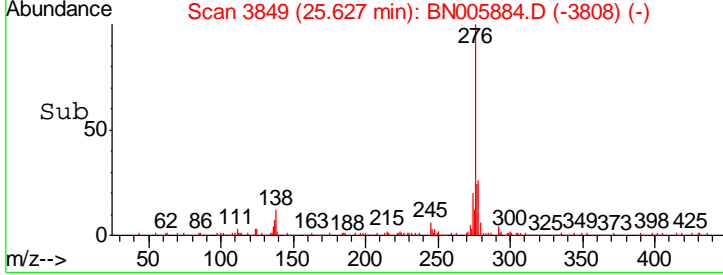
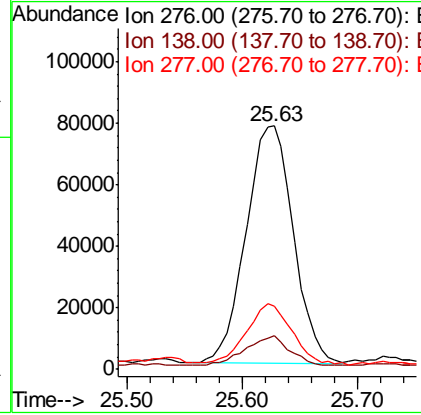
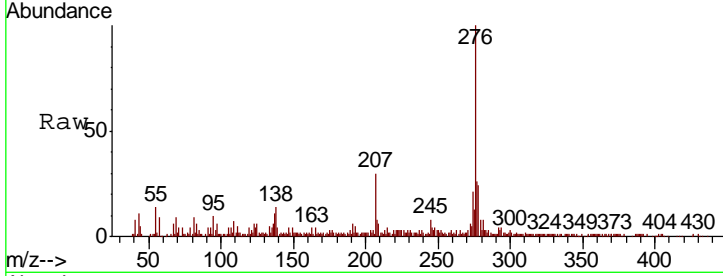


#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.740 ng/ul
 RT: 25.63 min Scan# 3849
 Delta R.T. 0.04 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
Client Sampled :
 A42A7

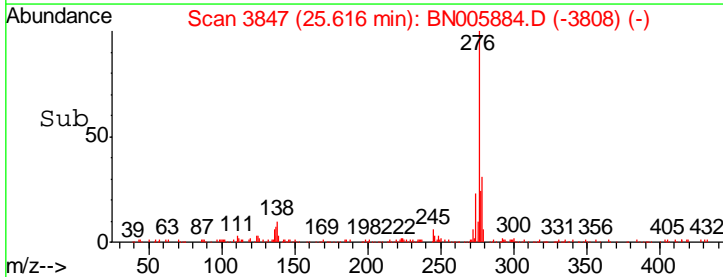
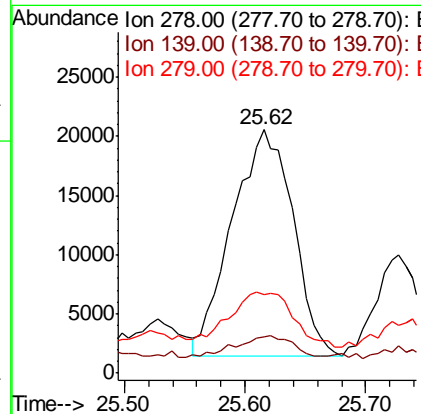
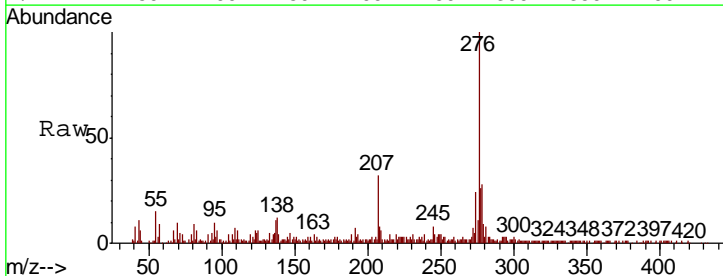
Tgt Ion	Resp	Lower	Upper
276	220801		
276	100		
138	13.6	17.9	26.9#
277	26.0	19.7	29.5

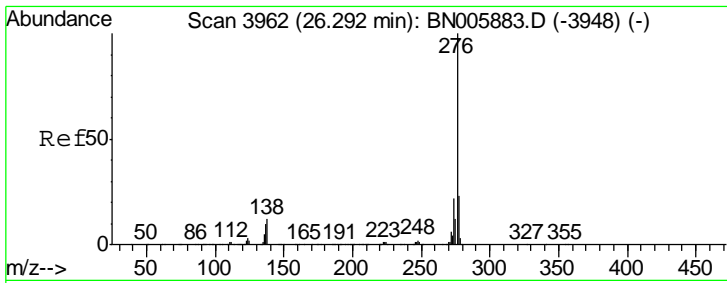
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#92
 Dibenzo(a,h)anthracene
 Concen: 2.067 ng/ul
 RT: 25.62 min Scan# 3847
 Delta R.T. 0.03 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Tgt Ion	Resp	Lower	Upper
278	66916		
278	100		
139	14.6	13.1	19.7
279	32.0	19.4	29.0#





#93
 Benzo(a,h,i)perylene
 Concen: 5.446 ng/ul
 RT: 26.30 min Scan# 3963
 Delta R.T. 0.04 min
 Lab File: BN005884.D
 Acq: 23 May 2019 12:11

Instrument :
 BNA_N
ClientSampled :
 A42A7

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	16.7	25.1#
277	26.3	18.2	27.2

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