

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001990.D
 Acq On : 06 Jul 2018 15:20
 Operator : JU/SJ
 Sample : J3765-07DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H09DL

Manual Integrations
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Quant Time: Jul 07 02:13:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	531650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2478289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1470146	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3303335	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2900523	20.00	ng/ul	0.01
83) Perylene-d12	23.53	264	2542928	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	3068	0.25	ng/uL	0.00
5) Phenol-d5	6.89	99	61533	1.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	41423	1.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	51273	1.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	48414	1.26	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	25879	1.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	26189	1.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	50694	1.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	11912	0.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	166592	1.34	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	209311	1.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	11855	0.52	ng/ul	0.01
57) Fluorene-d10	15.33	176	160096	1.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	12189	0.68	ng/ul	0.00
70) Anthracene-d10	17.18	188	236533	1.48	ng/ul	0.00
76) Pyrene-d10	19.49	212	241561	1.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	193125	1.40	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.53	128	201148	1.530	ng/ul	99
47) Acenaphthylene	14.06	152	831370	5.620	ng/ul	99
53) Dibenzofuran	14.73	168	154098	1.047	ng/ul	97
58) Fluorene	15.39	166	136342	1.161	ng/ul	97
69) Phenanthrene	17.13	178	1309160	7.035	ng/ul	99
71) Anthracene	17.22	178	4980849	26.443	ng/ul	99
72) Carbazole	17.49	167	1726889	10.945	ng/ul	98
74) Fluoranthene	19.15	202	9066554	46.352	ng/ul#	87
77) Pyrene	19.52	202	9753441	53.734	ng/ul#	85
80) Benzo(a)anthracene	21.28	228	5867673	32.009	ng/ul	95
82) Chrysene	21.33	228	6822272	39.999	ng/ul	98
85) Benzo(b)fluoranthene	22.87	252	8971469	55.859	ng/ul#	95
86) Benzo(k)fluoranthene	22.90	252	2726854m	17.508	ng/ul	
88) Benzo(a)pyrene	23.43	252	3225861	21.493	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.77	276	2393195	14.985	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.77	278	671495	5.052	ng/ul#	89
91) Benzo(g,h,i)perylene	26.45	276	1492605	11.330	ng/ul#	90

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

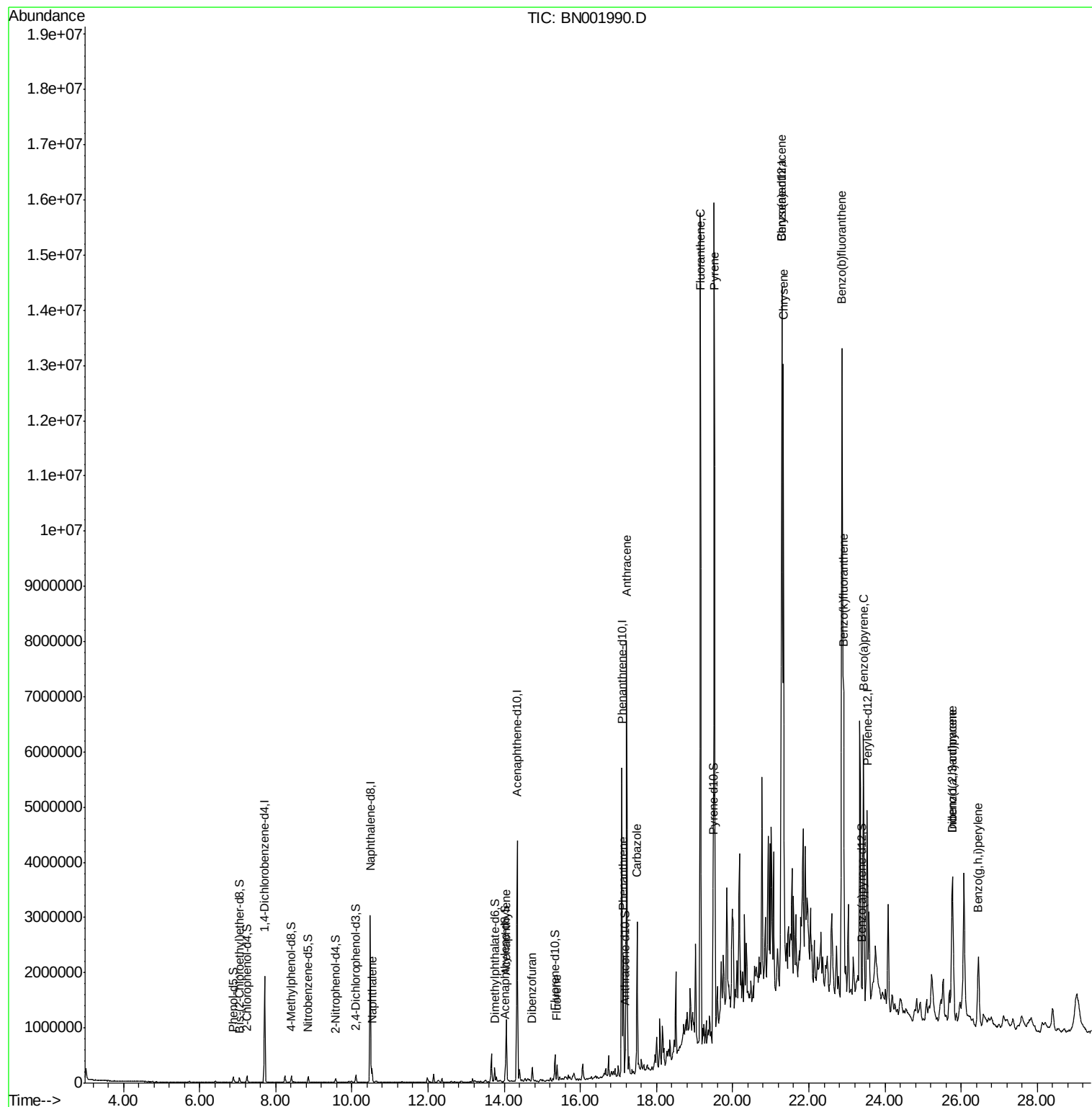
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

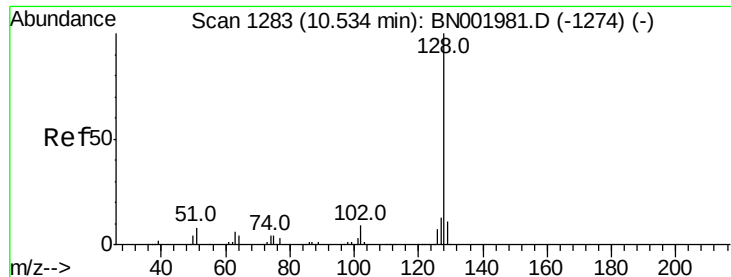
Instrument :
BNA_N
ClientSampled :
F1H09DL

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





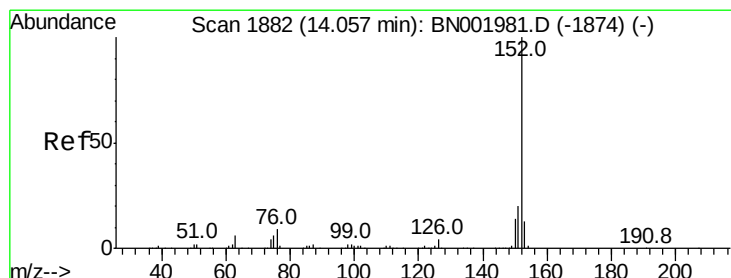
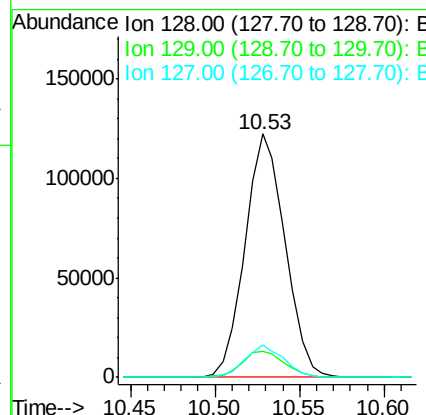
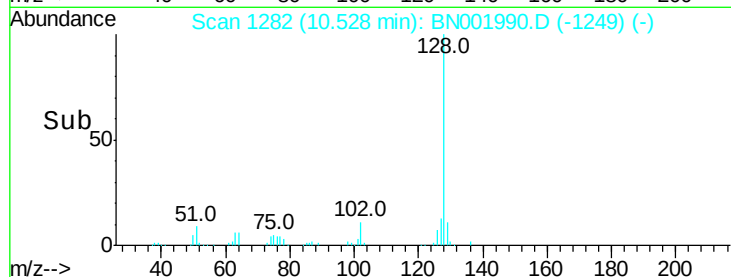
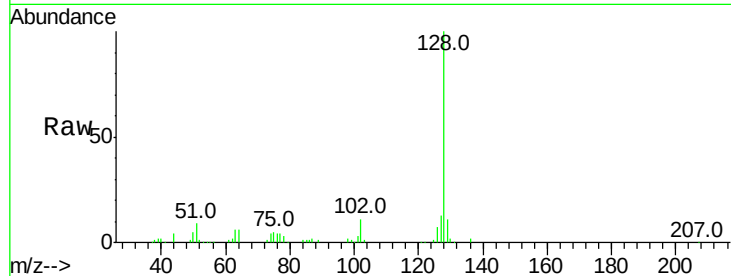
#28
Naphthalene
Concen: 1.530 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Instrument :
BNA_N
ClientSampleId :
F1H09DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.3	10.8	16.2

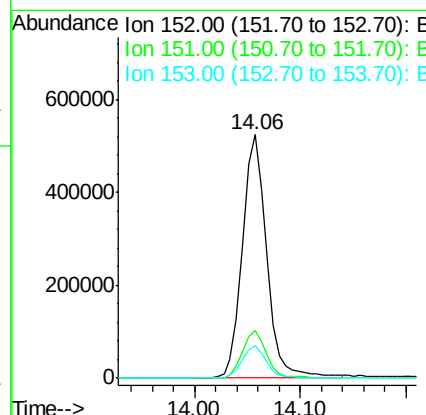
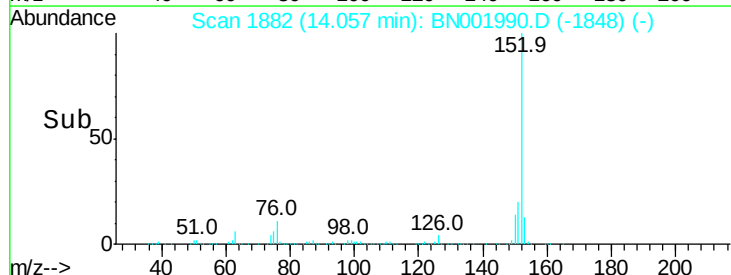
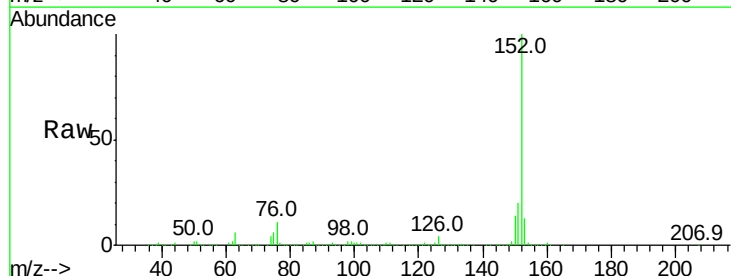
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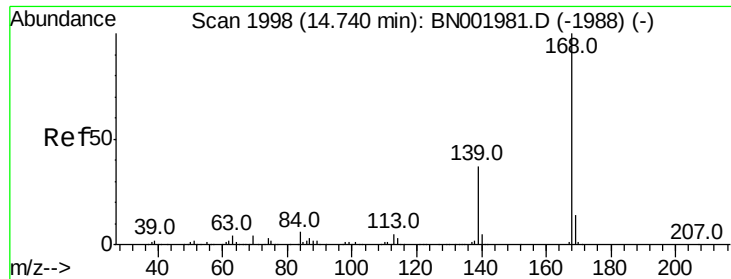
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#47
Acenaphthylene
Concen: 5.620 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.4	10.8	16.2





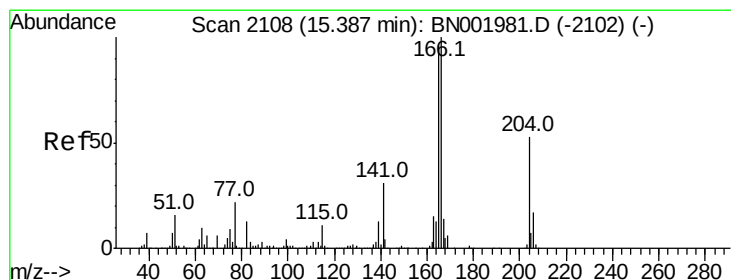
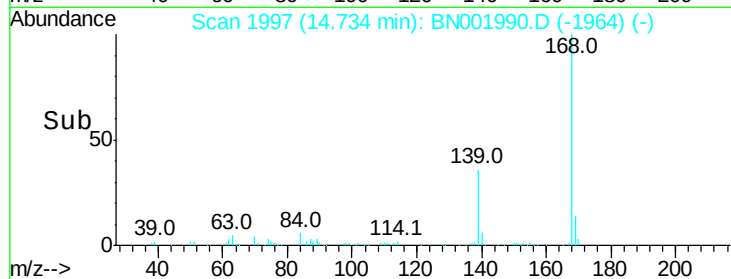
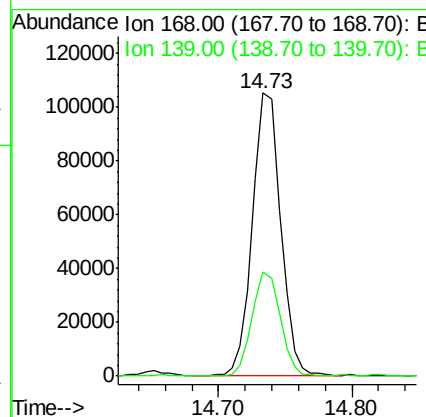
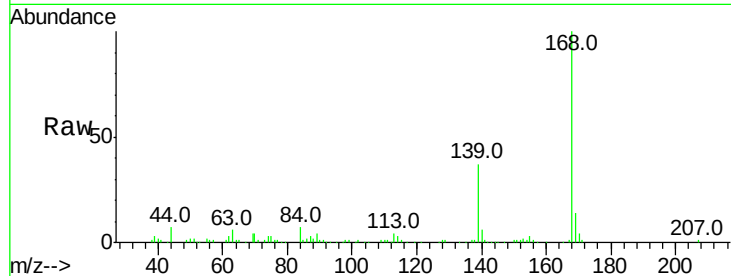
#53
Dibenzenofuran
Concen: 1.047 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Instrument :
BNA_N
ClientSampleId :
F1H09DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.0	46.4

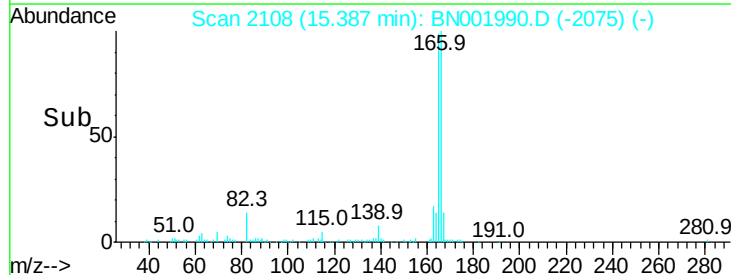
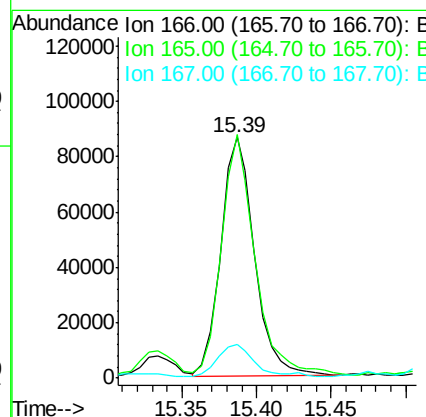
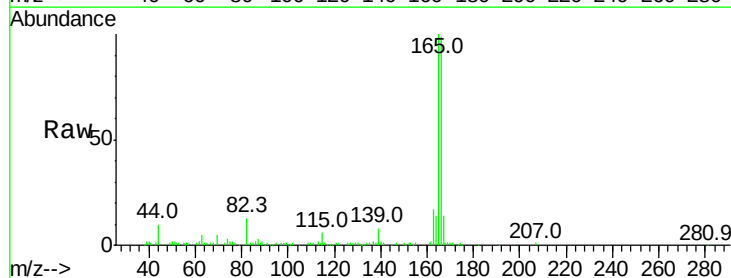
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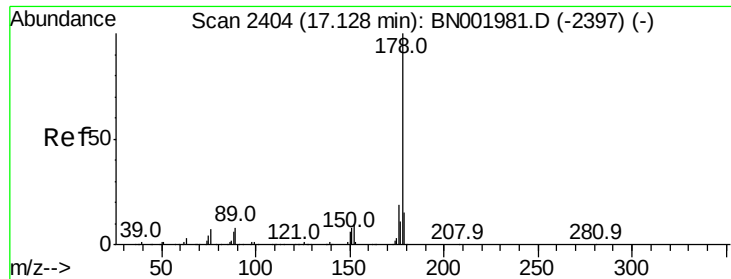
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#58
Fluorene
Concen: 1.161 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.4	117.6
167	14.0	11.1	16.7





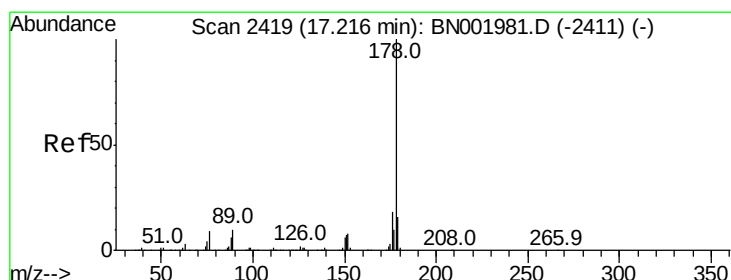
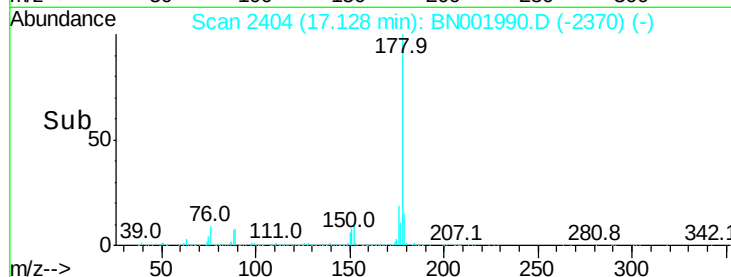
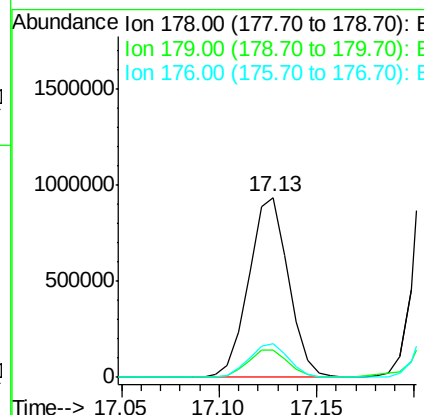
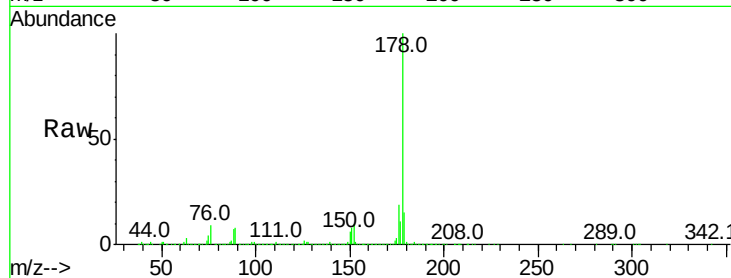
#69
 Phenanthrene
 Concen: 7.035 ng/ul
 RT: 17.13 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Instrument :
 BNA_N
 ClientSampleId :
 F1H09DL

Tot Ion:178 Resp: 1309160
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.3 18.5
 176 18.7 15.4 23.0

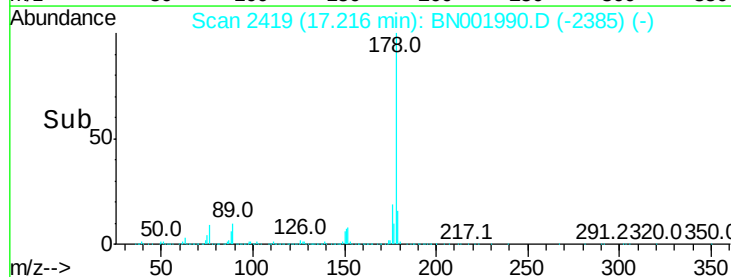
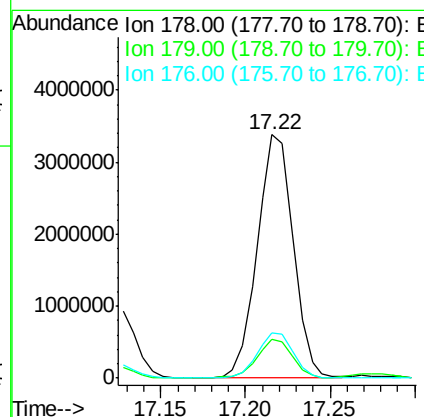
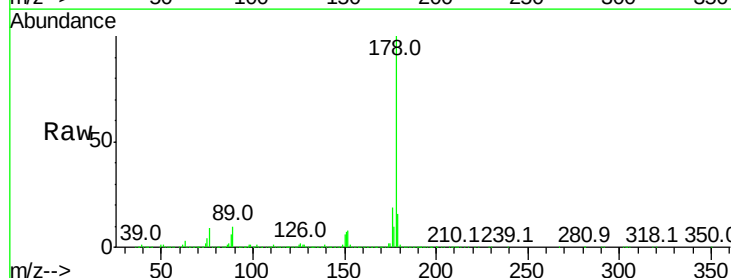
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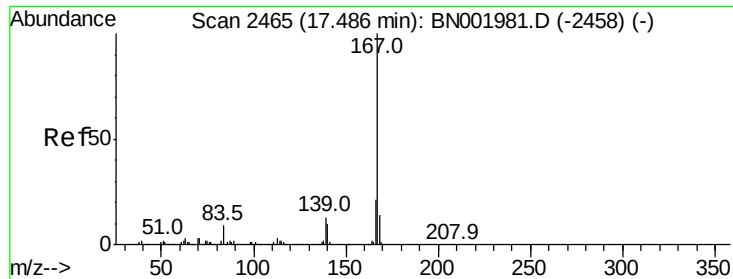
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#71
 Anthracene
 Concen: 26.443 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Tgt Ion:178 Resp: 4980849
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.4 20.2
 176 18.7 15.4 23.0





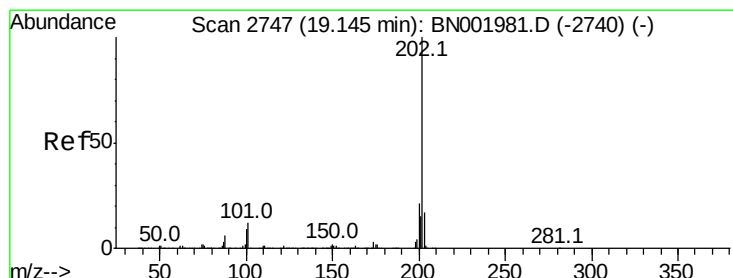
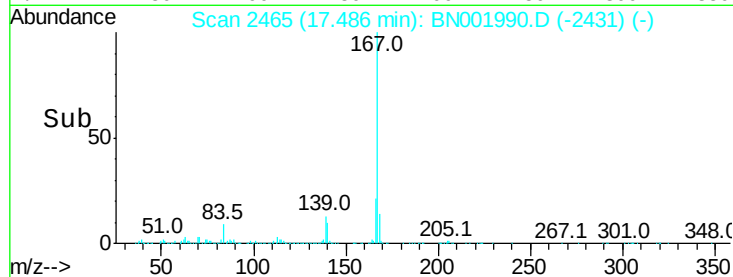
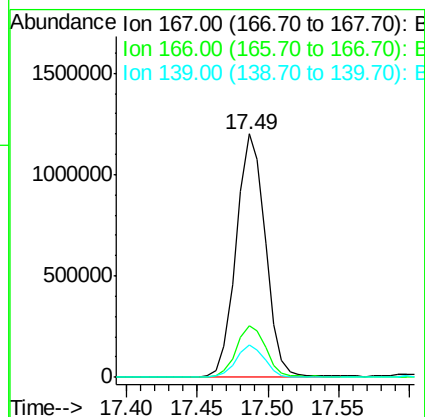
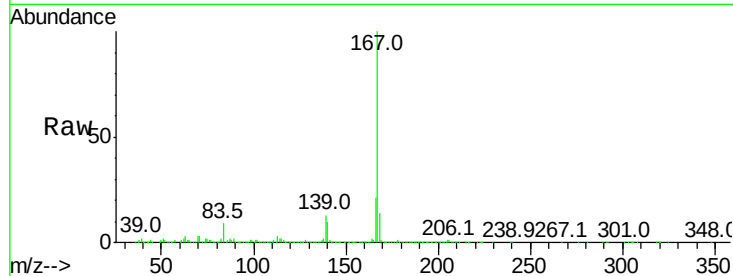
#72
 Carbazole
 Concen: 10.945 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Instrument :
 BNA_N
 ClientSampleId :
 F1H09DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.2	9.1	13.7

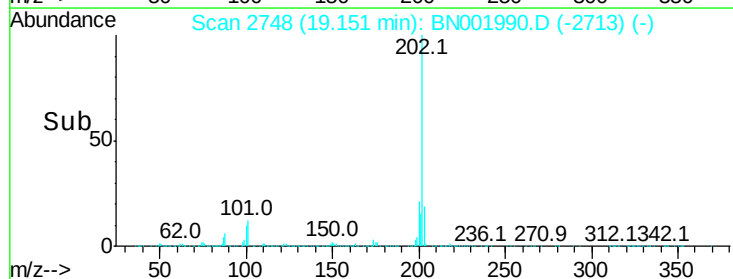
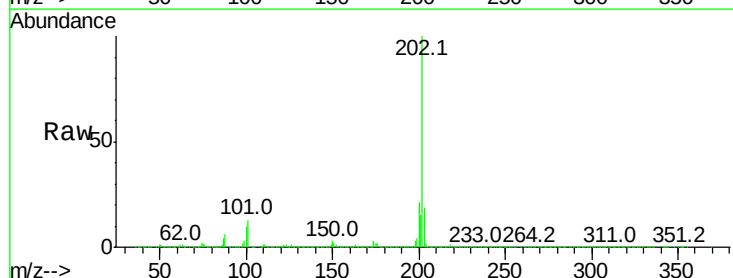
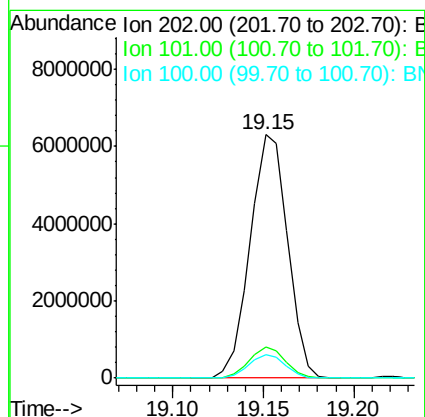
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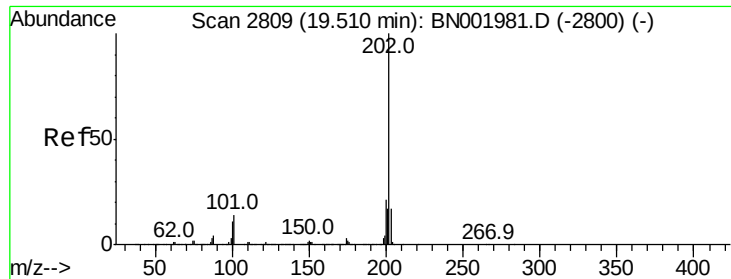
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#74
 Fluoranthene
 Concen: 46.352 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.1	9.1#
100	9.6	4.6	7.0#





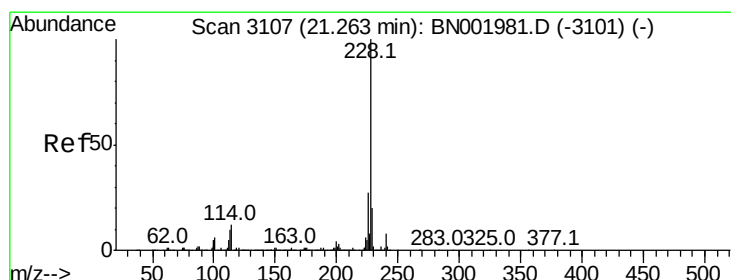
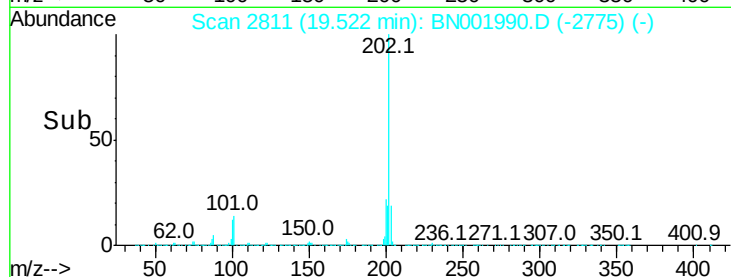
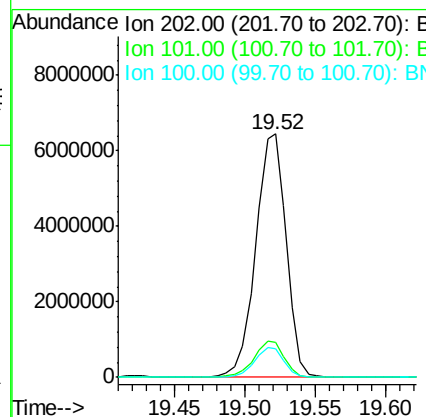
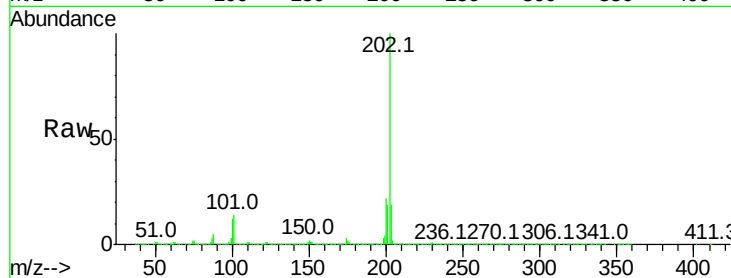
#77
Pvrene
Concen: 53.734 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Instrument :
BNA_N
ClientSampleId :
F1H09DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	6.9	10.3#
100	11.6	5.6	8.4#

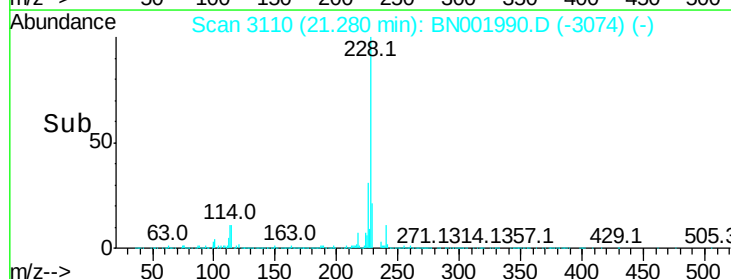
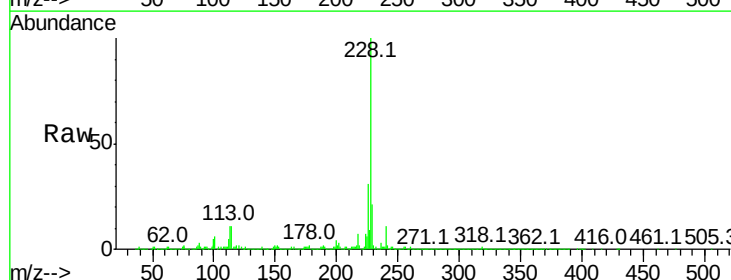
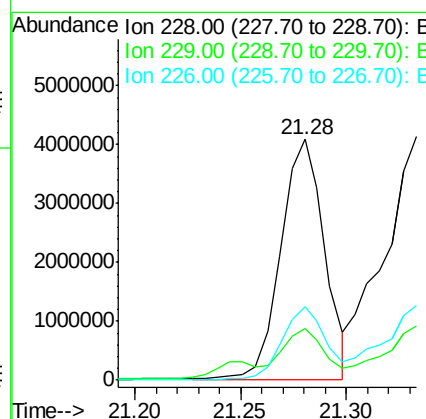
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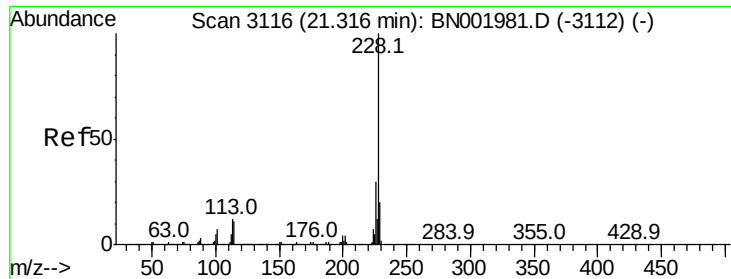
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#80
Benzo(a)anthracene
Concen: 32.009 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	30.7	21.8	32.8





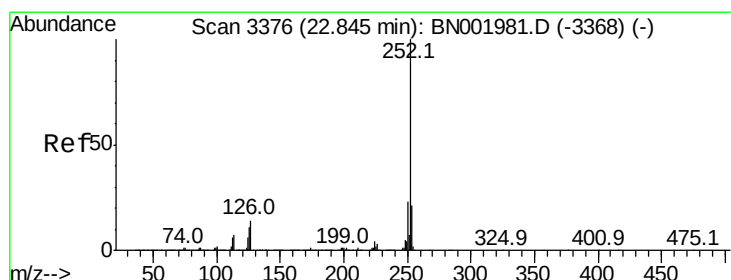
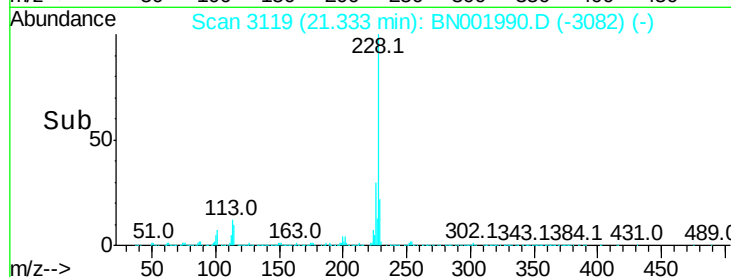
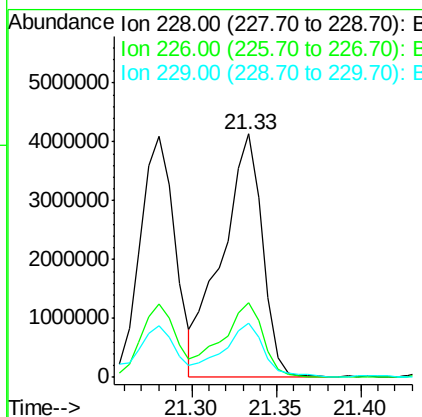
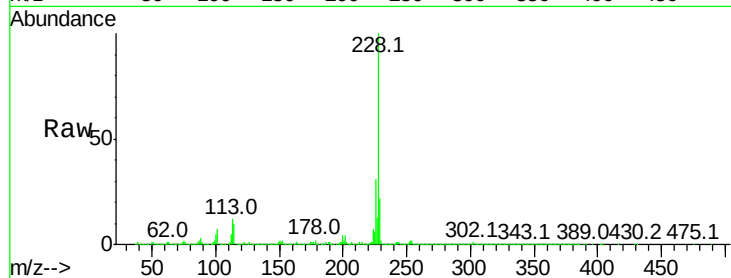
#82
Chrysene
Concen: 39.999 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. 0.02 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Instrument :
BNA_N
ClientSampled :
F1H09DL

Tot Ion:228 Resp: 6822272
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.2 16.0 24.0

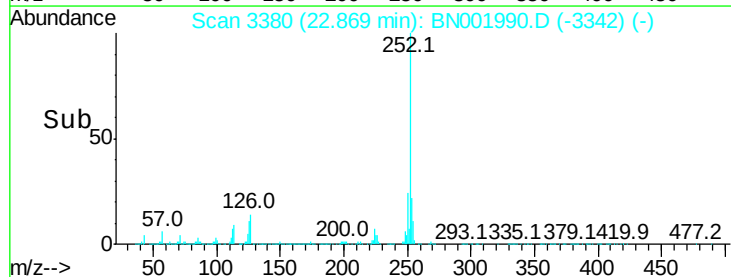
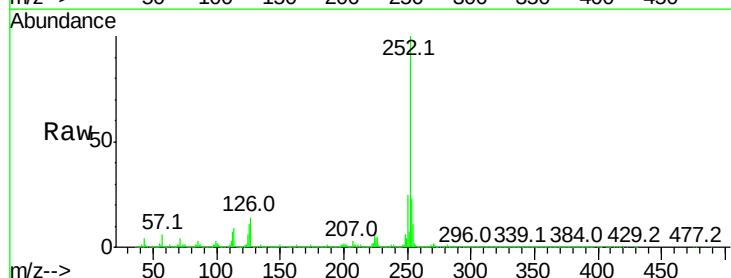
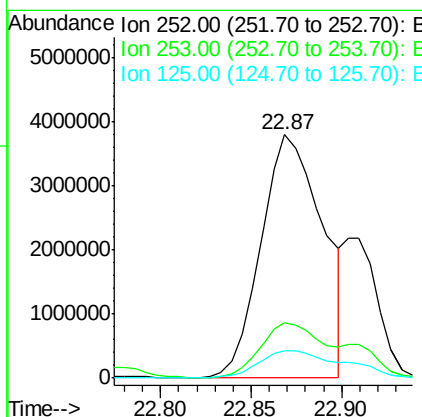
Manual Integrations
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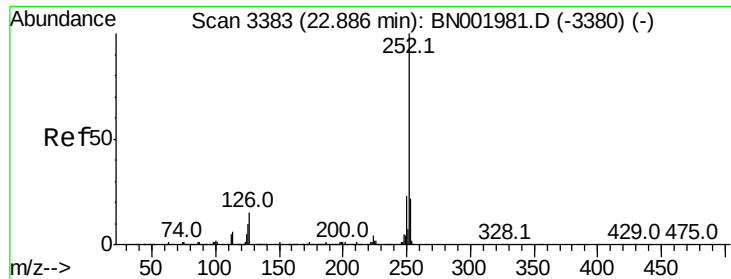
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#85
Benzo(b)fluoranthene
Concen: 55.859 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. 0.02 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Tgt Ion:252 Resp: 8971469
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.4 4.9 7.3#





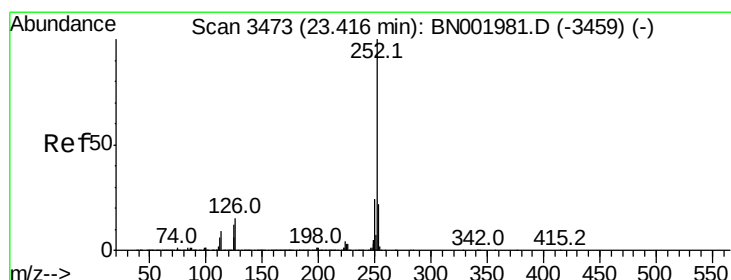
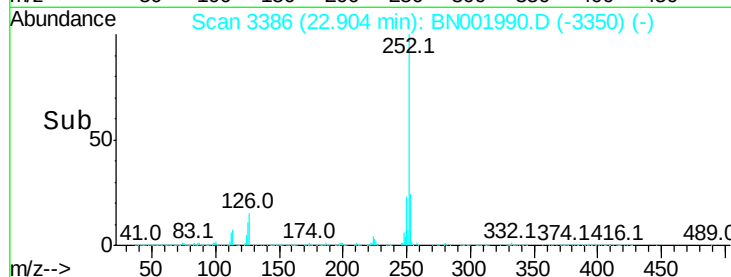
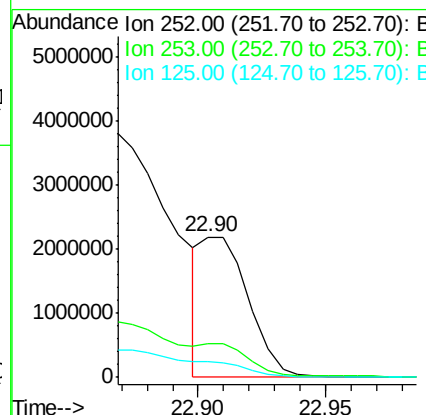
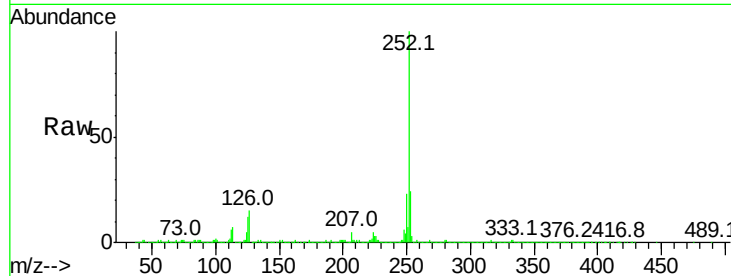
#86
Benzo(k)fluoranthene
Concen: 17.508 ng/ul m
RT: 22.90 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Instrument :
BNA_N
ClientSampled :
F1H09DL

Tot Ion:252 Resp: 2726854
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 11.6 5.4 8.0#

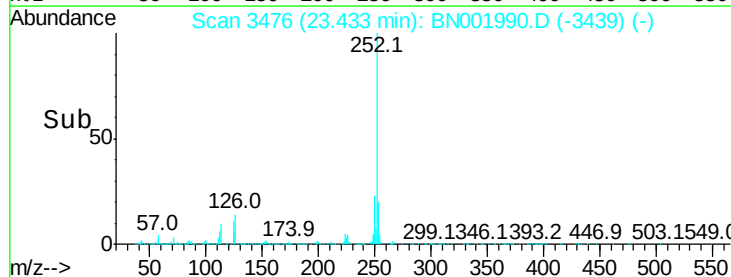
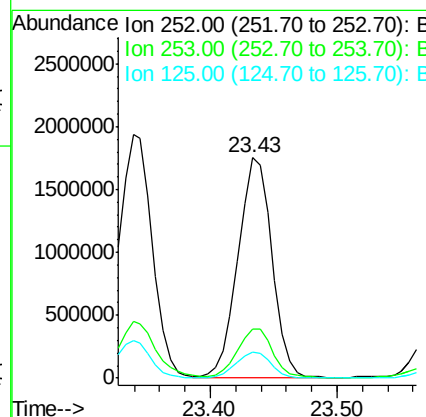
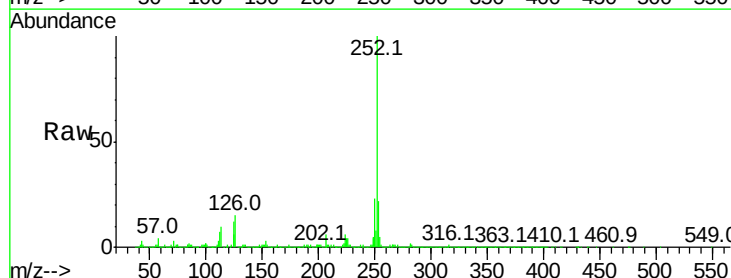
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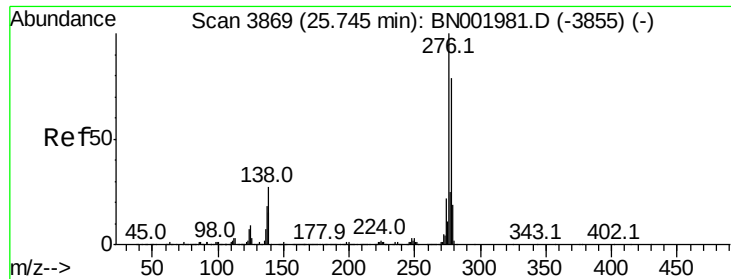
Sohil
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#88
Benzo(a)pyrene
Concen: 21.493 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BN001990.D
Acq: 06 Jul 2018 15:20

Tgt Ion:252 Resp: 3225861
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 11.6 5.8 8.6#





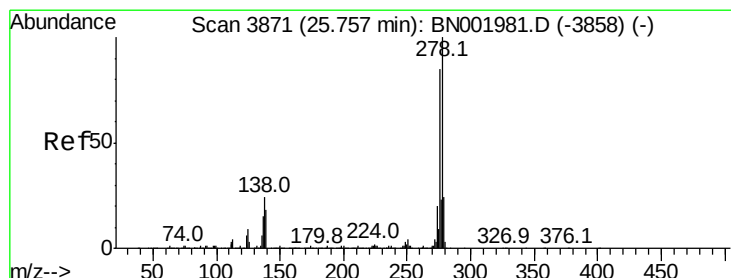
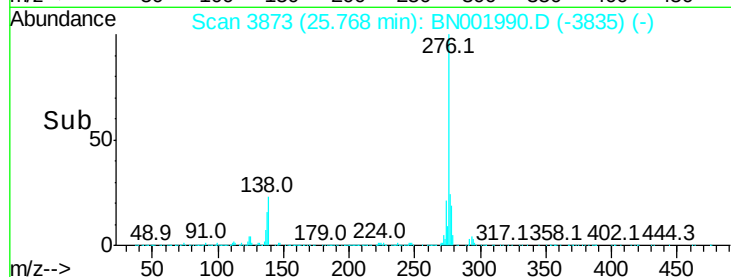
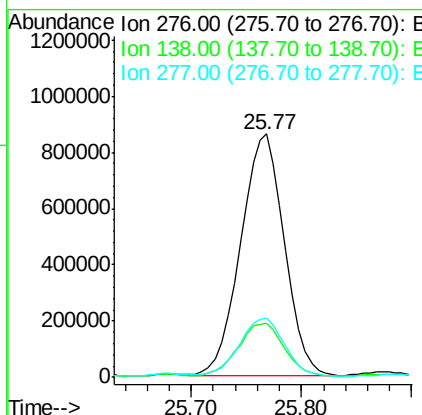
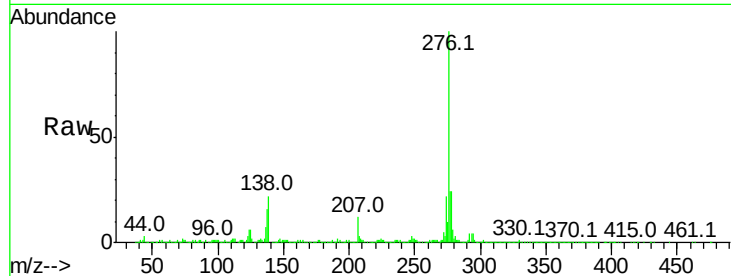
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 14.985 ng/ul
 RT: 25.77 min Scan# 3873
 Delta R.T. 0.02 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Instrument :
 BNA_N
 ClientSampleID :
 F1H09DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	10.9	16.3#
277	24.4	18.9	28.3

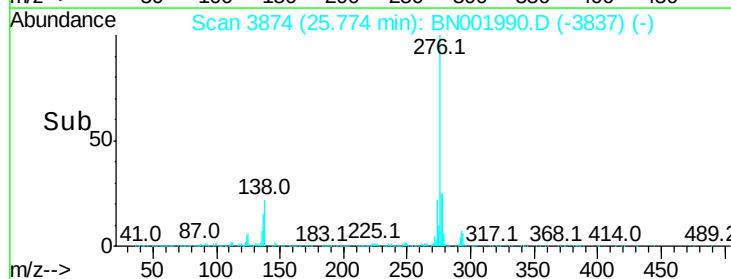
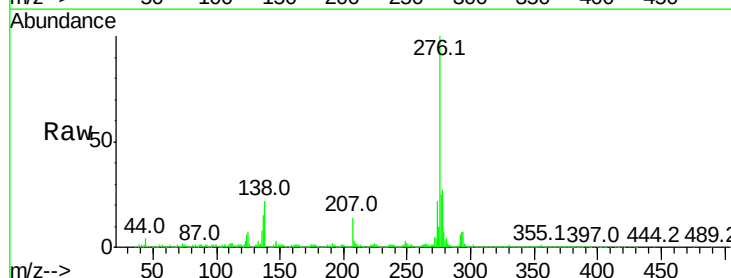
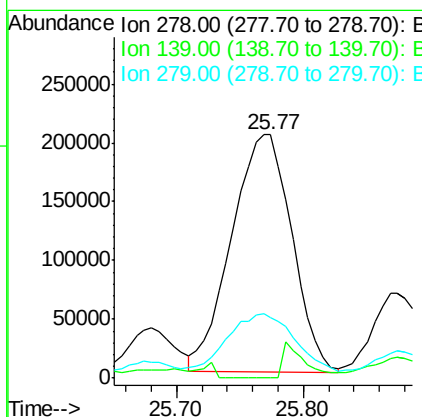
Manual Integrations
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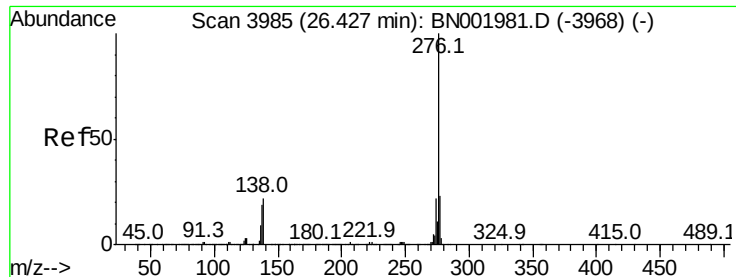
Sohil
 7/9/2018 2:09:26 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 5.052 ng/ul
 RT: 25.77 min Scan# 3874
 Delta R.T. 0.02 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	24.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 11.330 ng/ul
 RT: 26.45 min Scan# 3989
 Delta R.T. 0.03 min
 Lab File: BN001990.D
 Acq: 06 Jul 2018 15:20

Instrument :
 BNA_N
 ClientSampleId :
 F1H09DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	11.2	16.8#
277	24.5	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:09:26 PM

