

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000648.D
 Acq On : 27 Mar 2018 15:54
 Operator : JU/SJ
 Sample : J2060-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS7

Manual Integrations
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Sohil
 3/28/2018 5:01:40 PM

Quant Time: Mar 28 02:09:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	156931	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	699077	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	403490	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	854310	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	774949	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	667416	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	20226	4.60	ng/uL	0.00
5) Phenol-d5	7.55	99	373389	25.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	235598	27.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	285792	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	304062	26.66	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	144834	25.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	156409	26.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	263422	24.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	391505	36.18	ng/ul	-0.01
43) Dimethylphthalate-d6	14.41	166	892689	28.00	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1117611	26.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	112615	19.03	ng/ul	0.00
57) Fluorene-d10	16.01	176	739413	27.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	94064	19.23	ng/ul	0.00
70) Anthracene-d10	17.85	188	1116937	27.20	ng/ul	0.00
76) Pyrene-d10	20.11	212	1165577	27.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	885382	28.11	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.58	94	23896	1.600	ng/ul	97
44) Dimethylphthalate	14.46	163	195026	6.185	ng/ul#	99
49) Acenaphthene	15.09	153	79584	2.833	ng/ul	99
53) Dibenzofuran	15.42	168	70466	1.847	ng/ul	96
58) Fluorene	16.07	166	98836	3.260	ng/ul	99
69) Phenanthrene	17.80	178	777964	15.807	ng/ul	100
71) Anthracene	17.88	178	223671	4.432	ng/ul	97
72) Carbazole	18.15	167	109782	2.537	ng/ul	97
74) Fluoranthene	19.78	202	1014948	20.753	ng/ul#	83
77) Pyrene	20.14	202	806394m	14.247	ng/ul	
80) Benzo(a)anthracene	21.86	228	501557	9.714	ng/ul	99
82) Chrysene	21.91	228	458325	9.468	ng/ul	99
85) Benzo(b)fluoranthene	23.60	252	476253	11.293	ng/ul#	93
86) Benzo(k)fluoranthene	23.64	252	160646m	3.946	ng/ul	
88) Benzo(a)pyrene	24.25	252	304110	7.662	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.90	276	143494	3.353	ng/ul#	85
90) Dibenzo(a,h)anthracene	26.91	278	45490	1.276	ng/ul#	89
91) Benzo(g,h,i)perylene	27.69	276	121193	3.408	ng/ul#	86

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

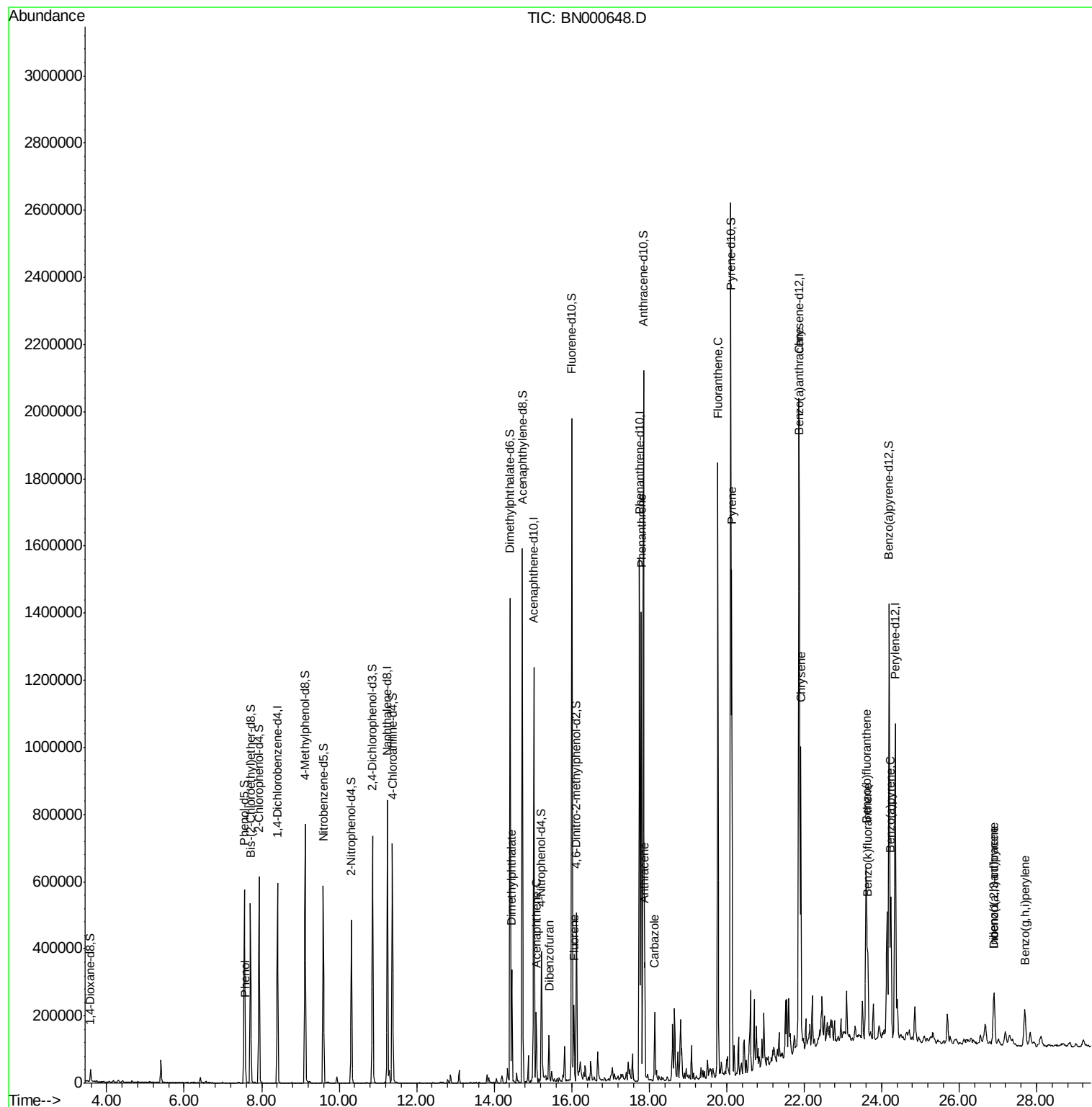
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000648.D
Acq On : 27 Mar 2018 15:54
Operator : JU/SJ
Sample : J2060-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

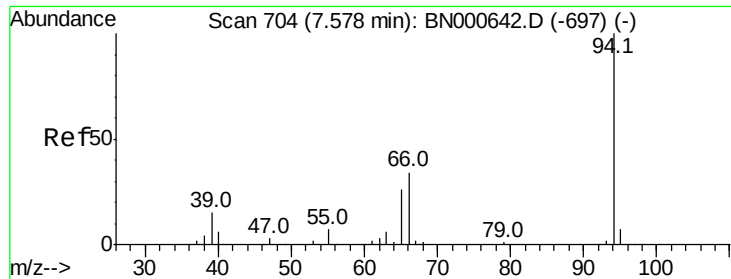
Instrument :
BNA_N
ClientSampled :
C0AS7

Quant Time: Mar 28 02:09:44 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

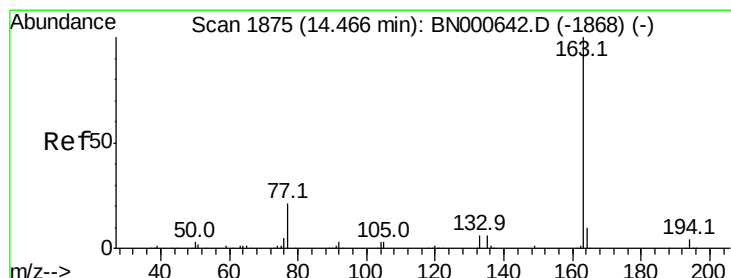
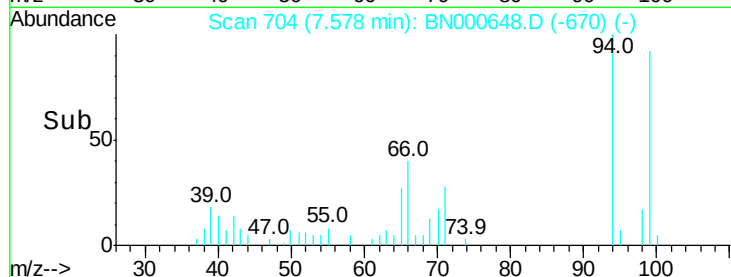
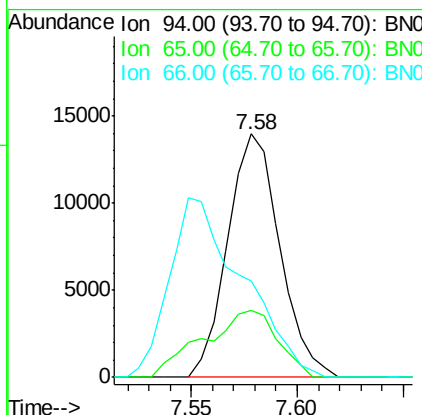
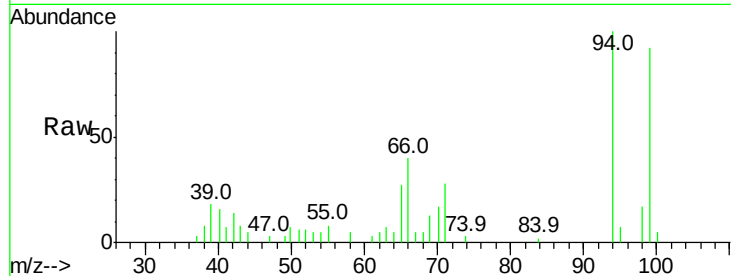
Concen: 1.600 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BN000648.D
 Acq: 27 Mar 2018 15:54

Instrument :
 BNA_N
 ClientSampled :
 C0AS7

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.3	23.0	34.6
66	39.8	30.4	45.6

Manual Integrations
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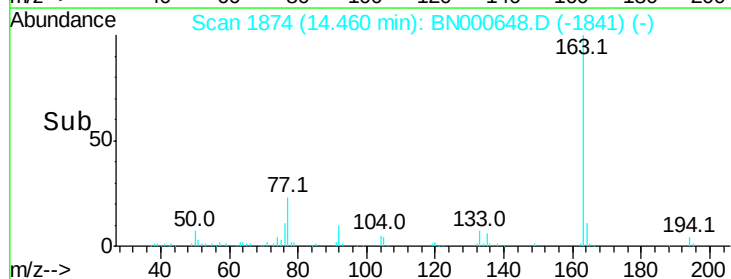
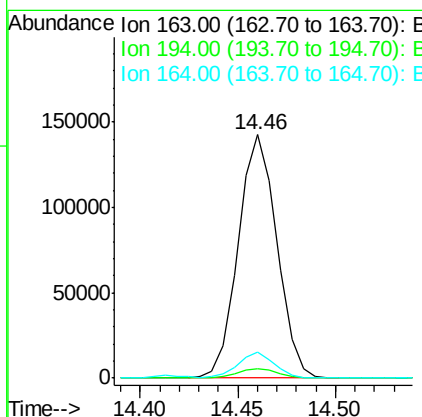
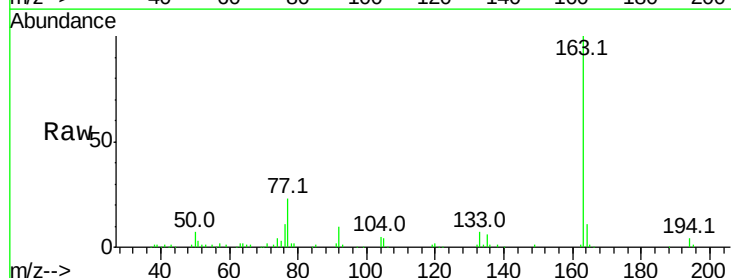


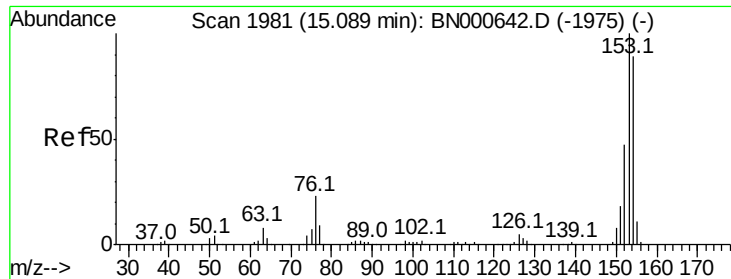
#44

Dimethylphthalate

Concen: 6.185 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000648.D
 Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.6	8.4	12.6





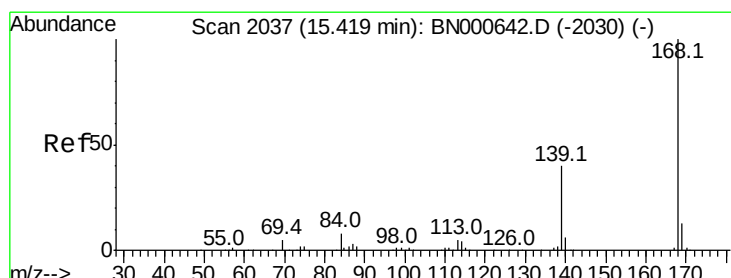
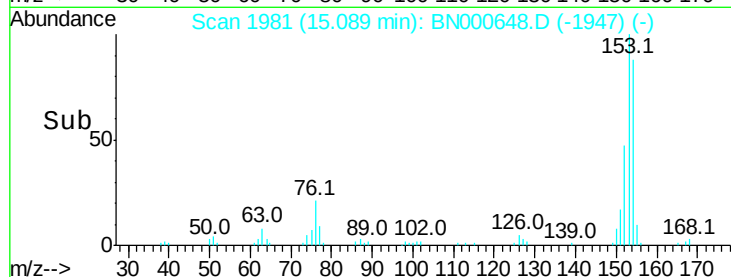
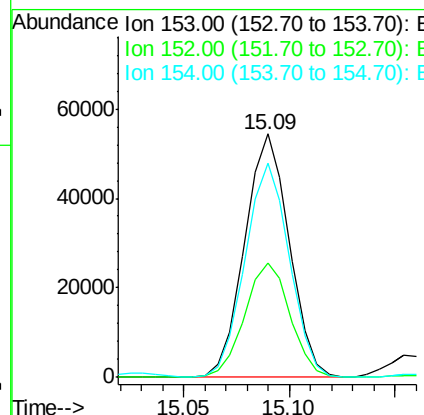
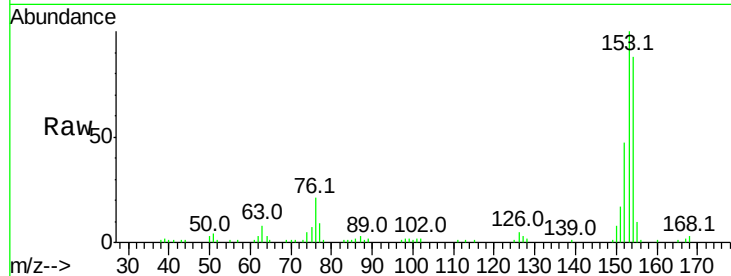
#49
Acenaphthene
Concen: 2.833 ng/ul
RT: 15.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Instrument :
BNA_N
ClientSampled :
C0AS7

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.9	56.9
154	88.2	69.8	104.6

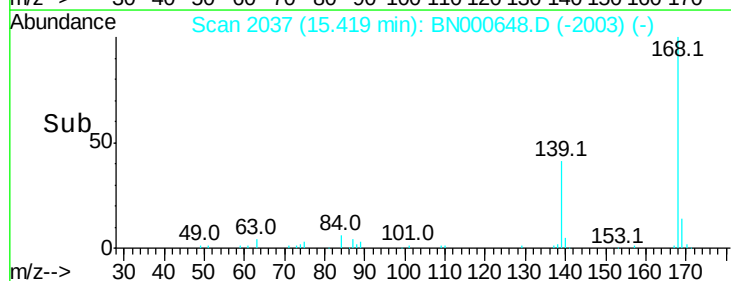
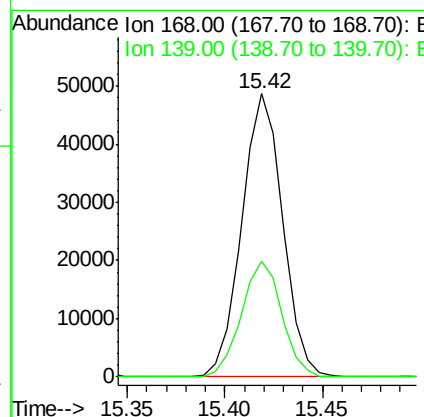
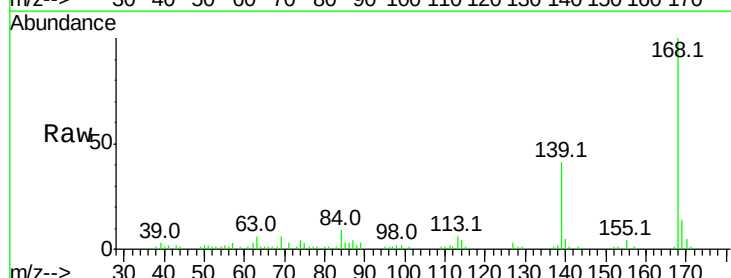
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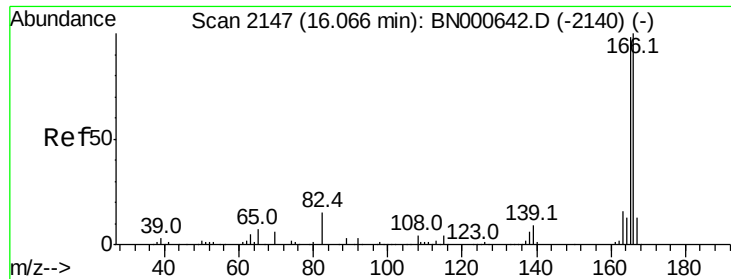
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#53
Dibenzofuran
Concen: 1.847 ng/ul
RT: 15.42 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.0	46.4





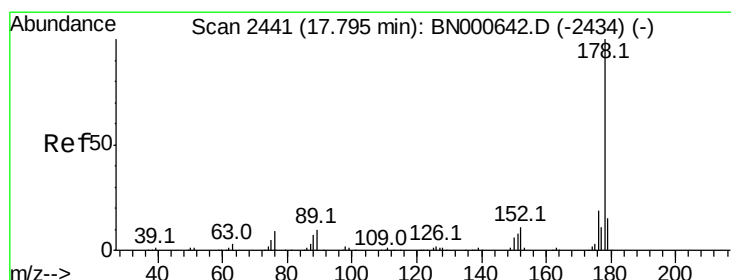
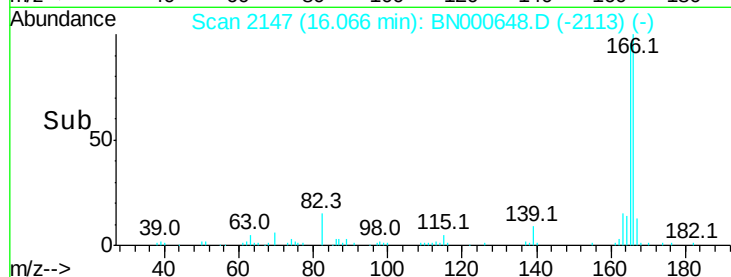
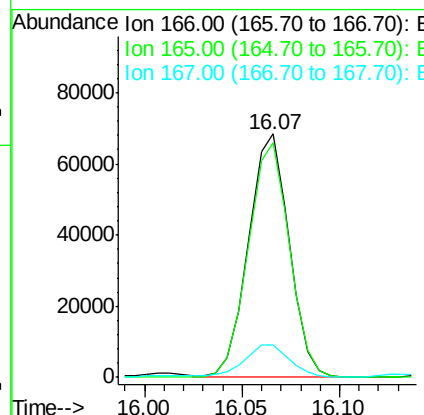
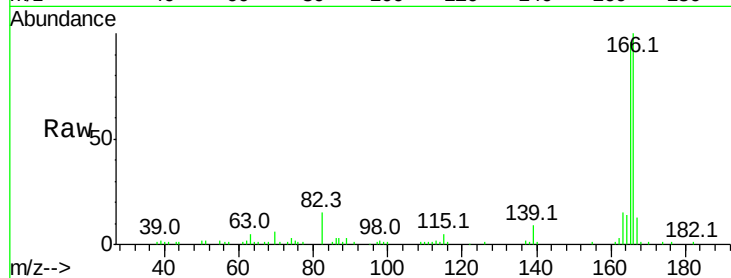
#58
 Fluorene
 Concen: 3.260 ng/ul
 RT: 16.07 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BN000648.D
 Acq: 27 Mar 2018 15:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AS7

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.4	117.6
167	13.4	11.1	16.7

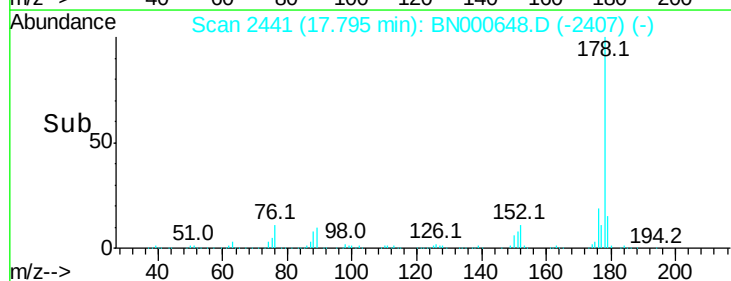
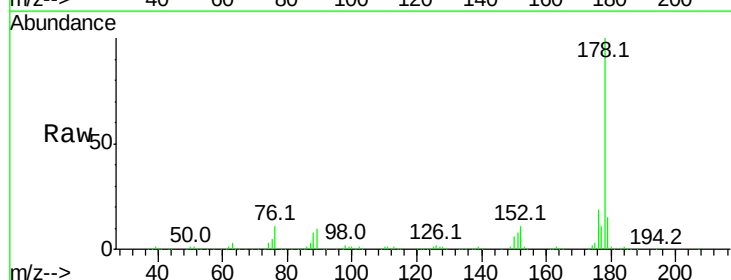
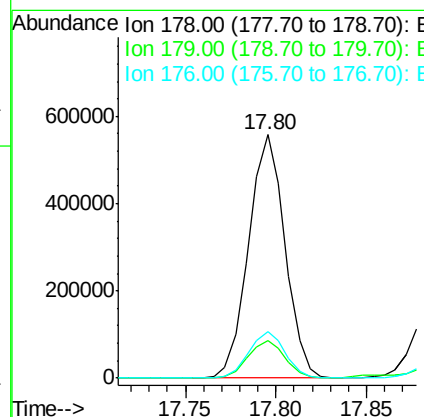
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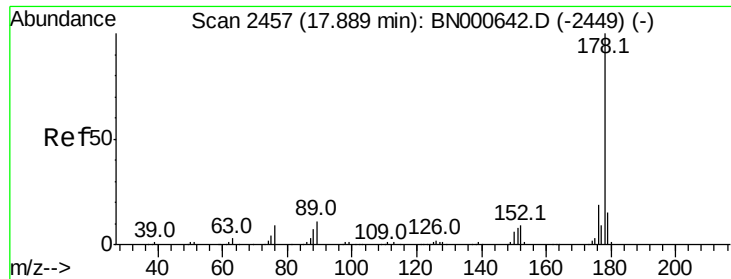
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#69
 Phenanthrene
 Concen: 15.807 ng/ul
 RT: 17.80 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BN000648.D
 Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.4	23.0





#71

Anthracene

Concen: 4.432 ng/ul

RT: 17.88 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BN000648.D

Acq: 27 Mar 2018 15:54

Instrument :

BNA_N

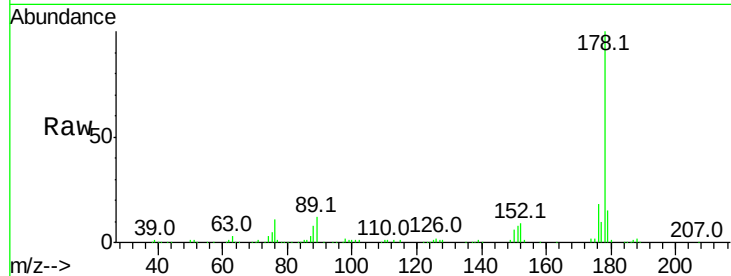
ClientSampled :

C0AS7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.2	15.4	23.0

Manual Integrations
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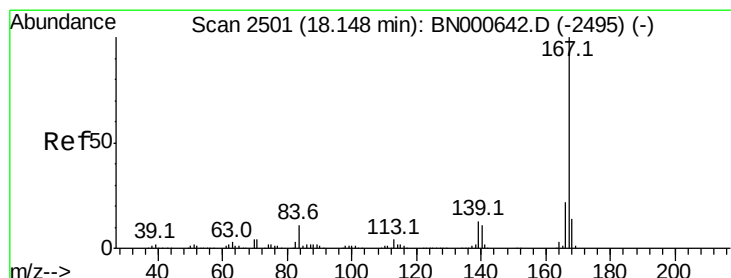
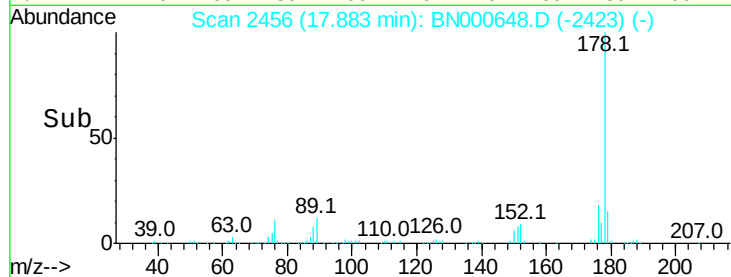
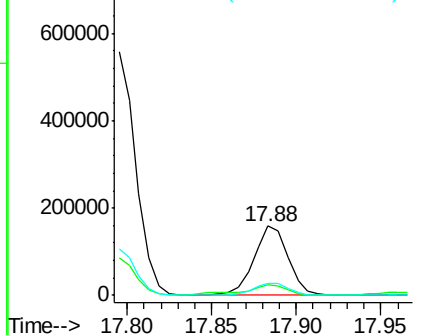
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 2.537 ng/ul

RT: 18.15 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BN000648.D

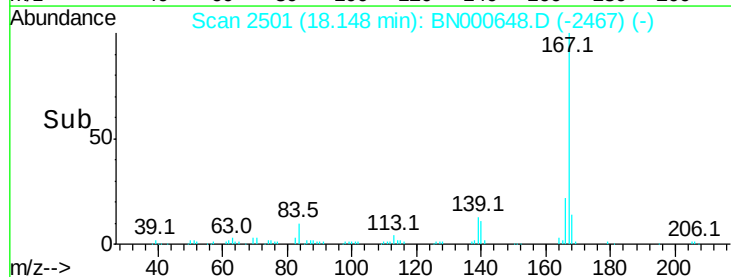
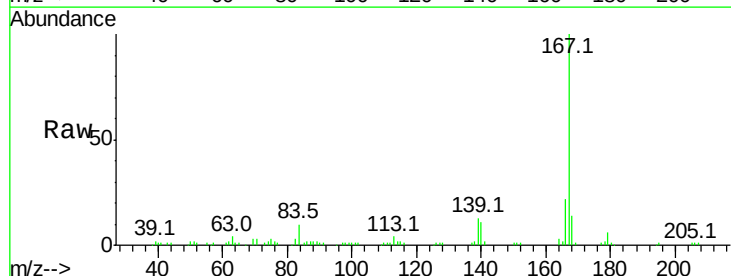
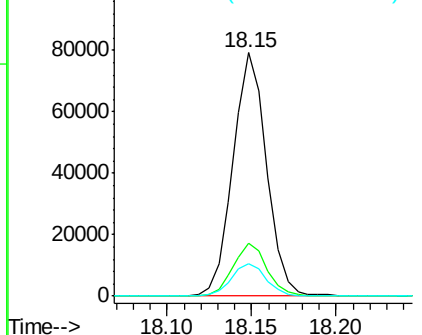
Acq: 27 Mar 2018 15:54

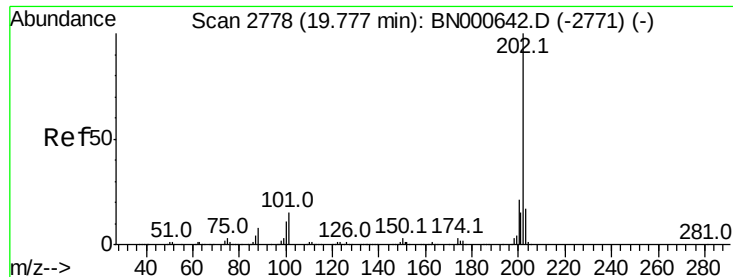
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	13.5	9.1	13.7

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





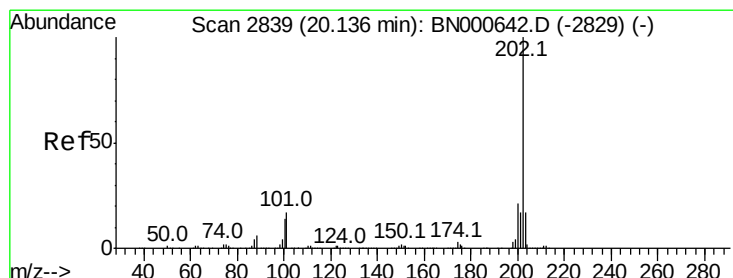
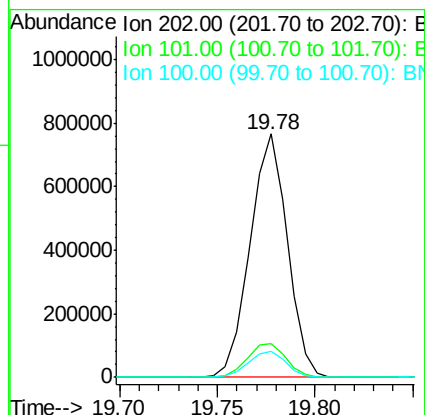
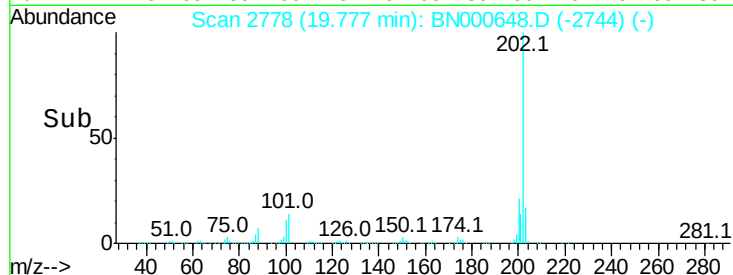
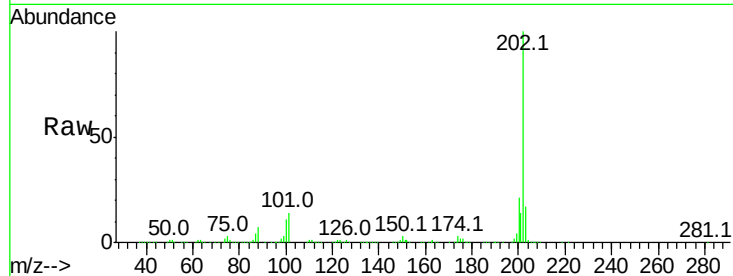
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Fluoranthene
Concen: 20.753 ng/ul
RT: 19.78 min Scan# 2778
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Instrument :
BNA_N
ClientSampled :
C0AS7

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	6.1	9.1#
100	10.9	4.6	7.0#

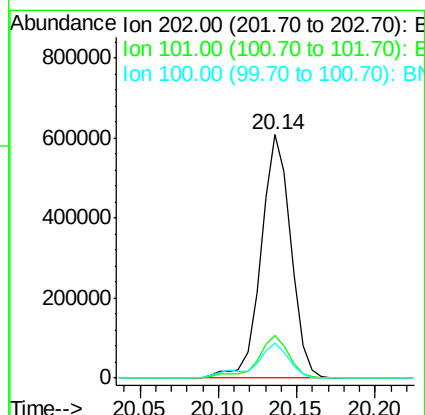
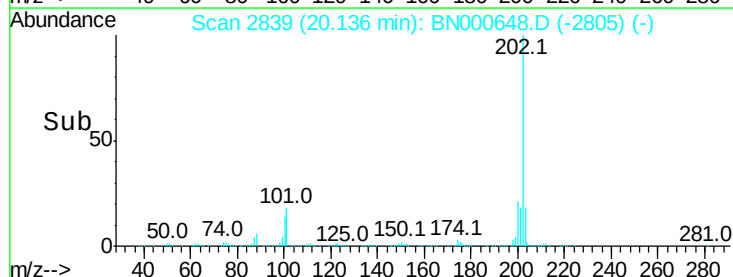
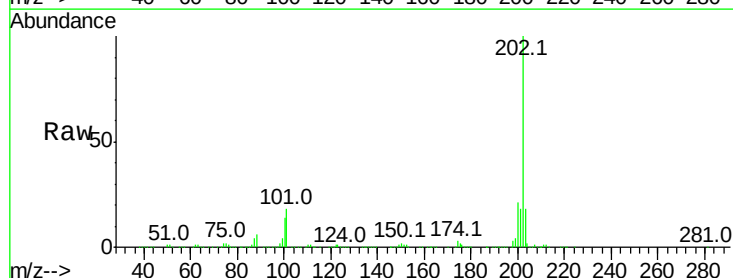
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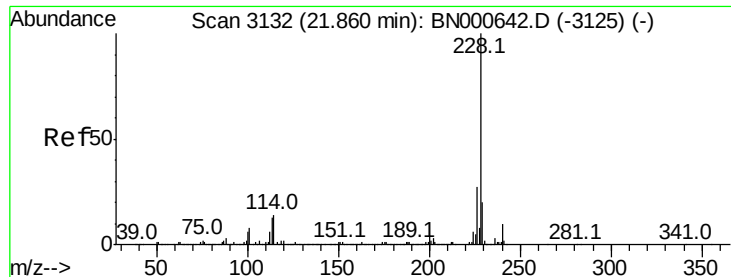
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#77
Pyrene
Concen: 14.247 ng/ul m
RT: 20.14 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.7	6.9	10.3#
100	14.2	5.6	8.4#





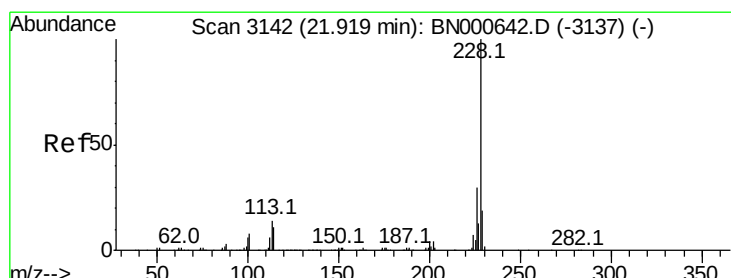
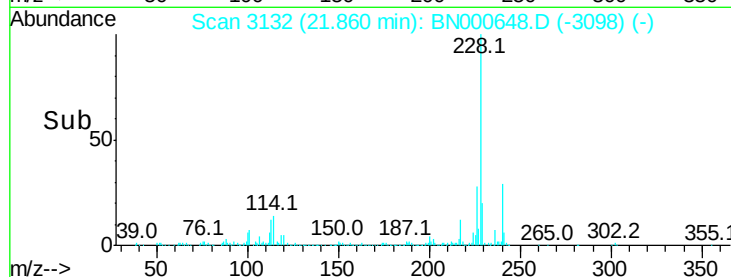
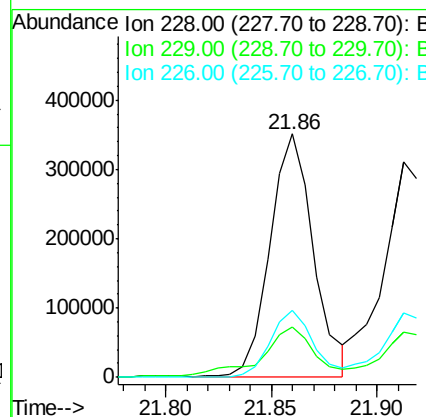
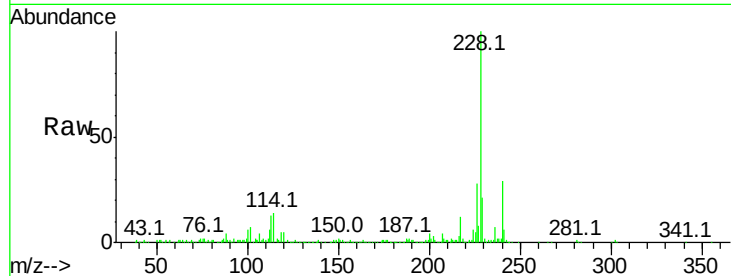
#80
Benzo(a)anthracene
Concen: 9.714 ng/ul
RT: 21.86 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Instrument :
BNA_N
ClientSampleId :
C0AS7

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	27.7	21.8	32.8

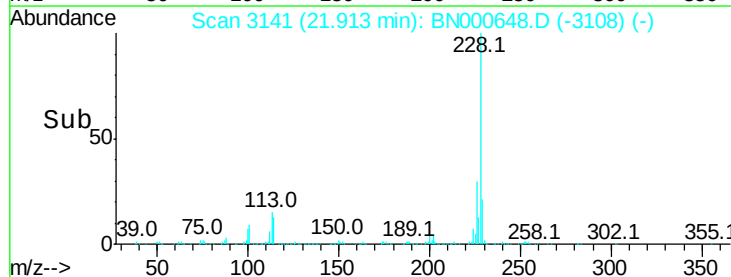
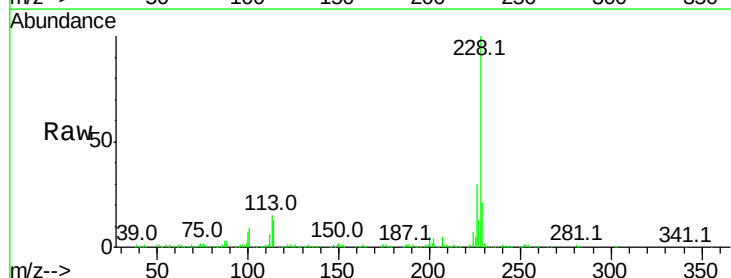
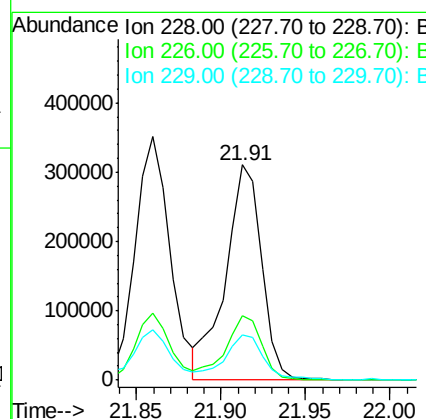
Manual Integrations
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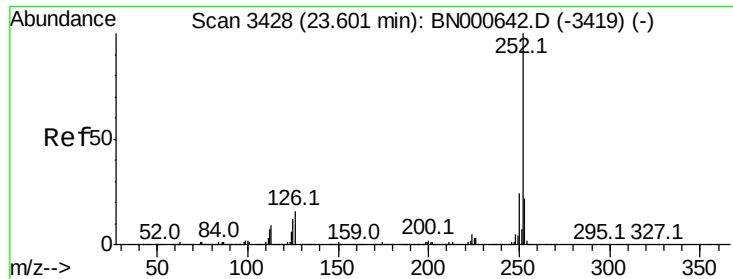
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#82
Chrysene
Concen: 9.468 ng/ul
RT: 21.91 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.3	16.0	24.0





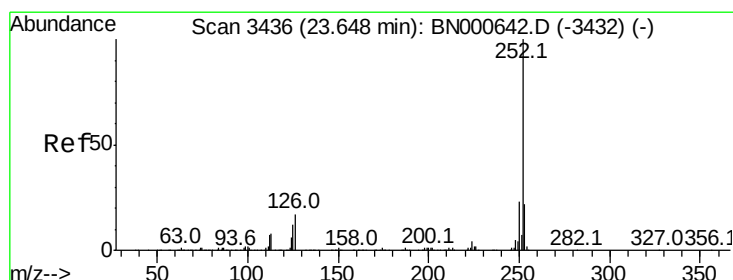
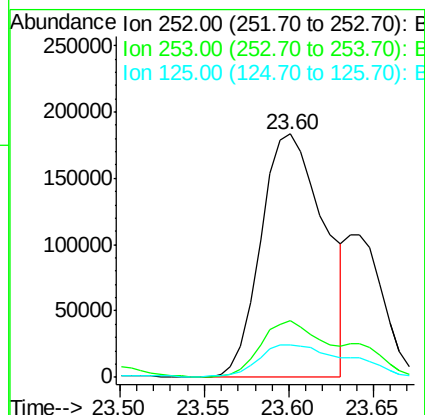
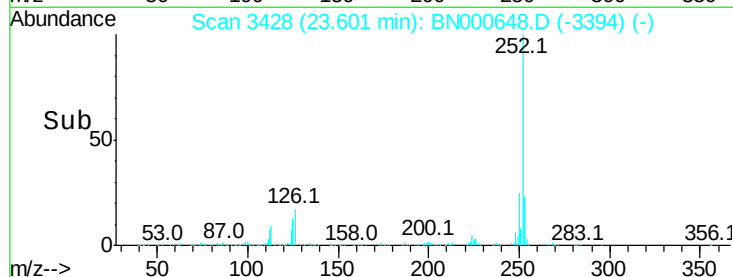
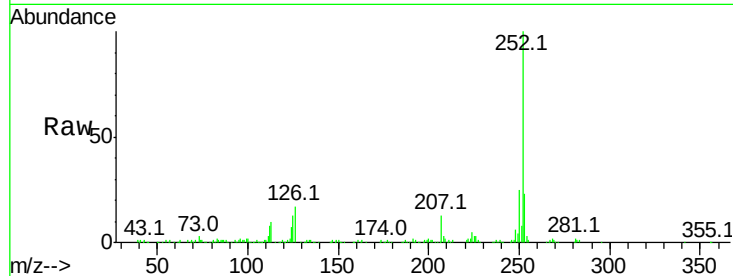
#85
Benzo(b)fluoranthene
Concen: 11.293 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Instrument :
BNA_N
ClientSampleId :
C0AS7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	13.1	4.9	7.3#

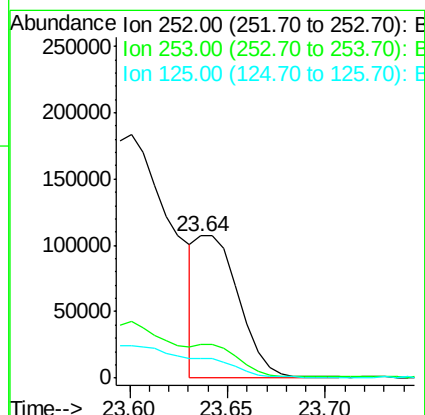
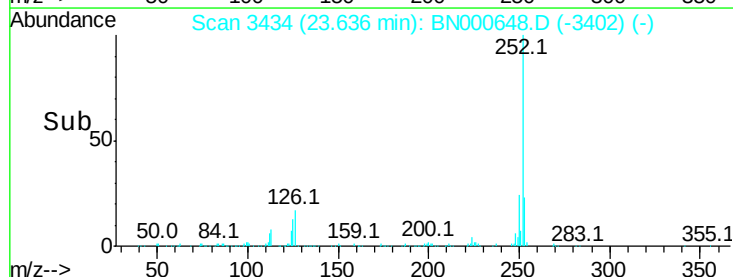
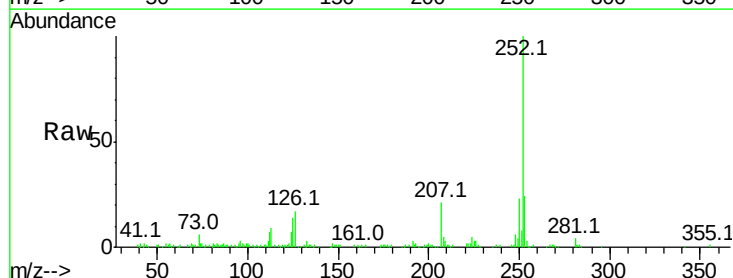
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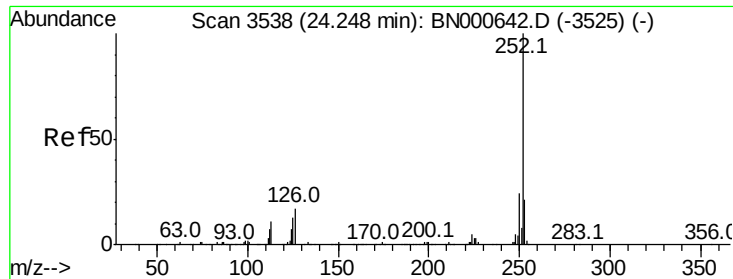
Sohil
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#86
Benzo(k)fluoranthene
Concen: 3.946 ng/ul m
RT: 23.64 min Scan# 3434
Delta R.T. -0.01 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	13.9	5.4	8.0#





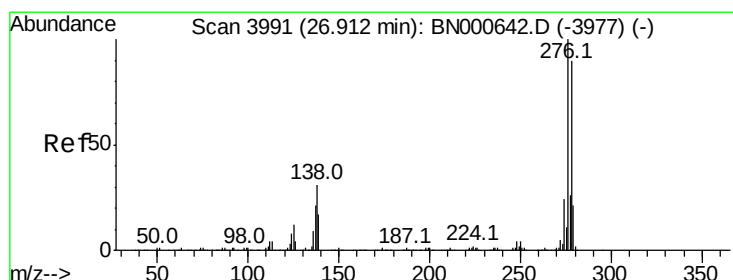
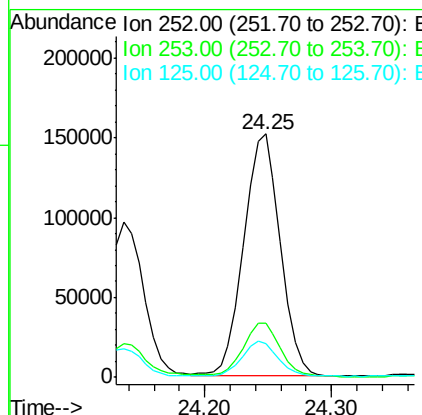
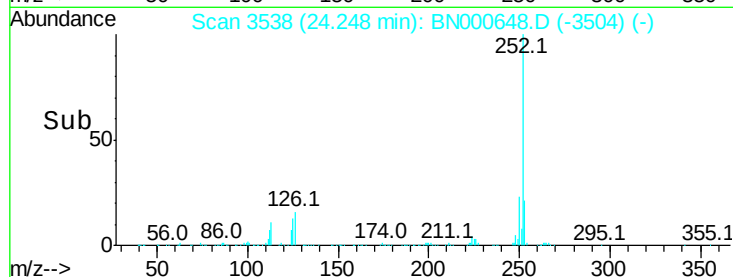
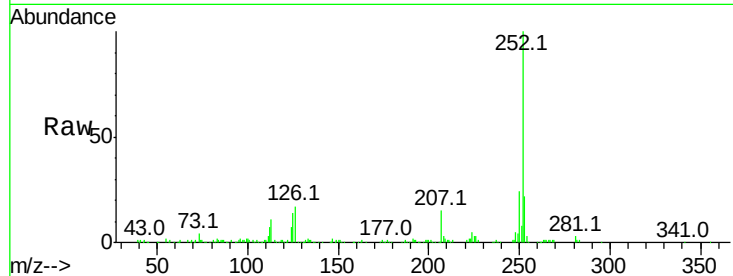
#88
Benzo(a)pyrene
Concen: 7.662 ng/ul
RT: 24.25 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Instrument :
BNA_N
ClientSampled :
C0AS7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.7	5.8	8.6#

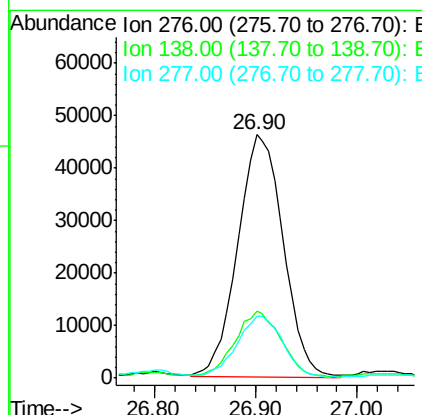
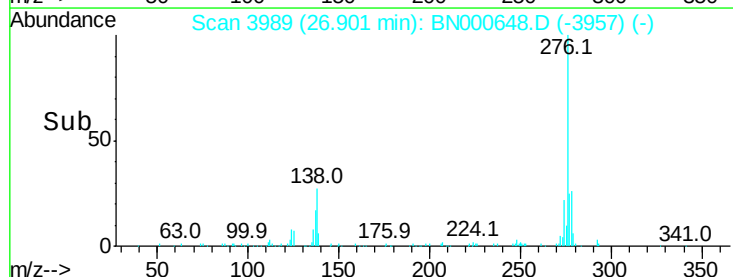
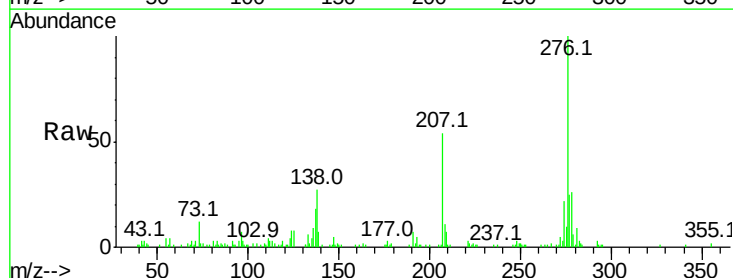
Manual Integrations
APPROVED

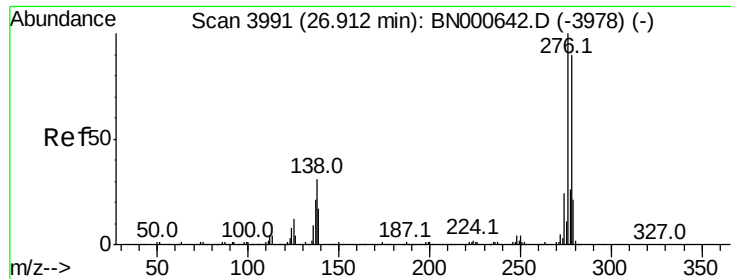
Sohil
3/28/2018 5:01:40 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 3.353 ng/ul
RT: 26.90 min Scan# 3989
Delta R.T. -0.01 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	10.9	16.3#
277	25.2	18.9	28.3





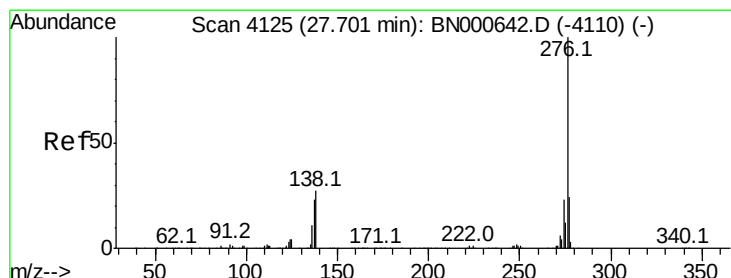
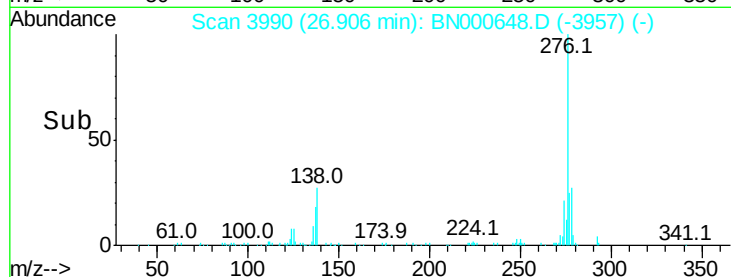
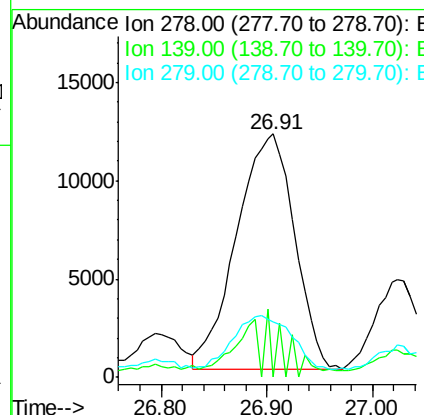
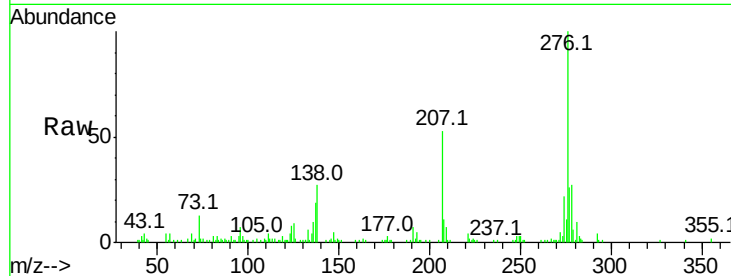
#90
Dibenzo(a,h)anthracene
Concen: 1.276 ng/ul
RT: 26.91 min Scan# 3990
Delta R.T. -0.01 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Instrument :
BNA_N
ClientSampled :
C0AS7

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	22.6	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/28/2018 5:01:40 PM



#91
Benzo(g,h,i)perylene
Concen: 3.408 ng/ul
RT: 27.69 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BN000648.D
Acq: 27 Mar 2018 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	11.2	16.8#
277	25.1	19.0	28.6

