

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000650.D
 Acq On : 27 Mar 2018 17:02
 Operator : JU/SJ
 Sample : J2060-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS5

Manual Integrations
 APPROVED

Sohil
 3/28/2018 5:01:44 PM

Quant Time: Mar 28 02:23:25 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	157260	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	709152	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	403355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	845386	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	742504	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	588473	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	16688	3.79	ng/uL	0.00
5) Phenol-d5	7.55	99	283349	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	196775	23.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	190444	17.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	254924	22.31	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	121358	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	90156	15.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	172476	16.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	331319	30.18	ng/ul	-0.01
43) Dimethylphthalate-d6	14.41	166	752559	23.62	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	954041	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	17436m	2.95	ng/ul	0.00
57) Fluorene-d10	16.01	176	639105	23.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	10749	2.22	ng/ul	0.00
70) Anthracene-d10	17.85	188	955428	23.51	ng/ul	0.00
76) Pyrene-d10	20.11	212	996188	24.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	680027	24.48	ng/ul	0.00
Target Compounds						
6) Phenol	7.58	94	18729	1.251	ng/ul	98
44) Dimethylphthalate	14.46	163	153727	4.877	ng/ul	98
49) Acenaphthene	15.09	153	34489	1.228	ng/ul	99
69) Phenanthrene	17.80	178	301211	6.185	ng/ul	100
71) Anthracene	17.88	178	92389	1.850	ng/ul	98
72) Carbazole	18.15	167	54025	1.262	ng/ul	96
74) Fluoranthene	19.78	202	578501	11.954	ng/ul#	83
77) Pyrene	20.14	202	531857m	9.807	ng/ul	
80) Benzo(a)anthracene	21.86	228	422477	8.540	ng/ul	100
82) Chrysene	21.91	228	381558	8.227	ng/ul	98
85) Benzo(b)fluoranthene	23.60	252	441098	11.863	ng/ul#	93
86) Benzo(k)fluoranthene	23.64	252	147176m	4.100	ng/ul	
88) Benzo(a)pyrene	24.24	252	289024	8.259	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.90	276	153711	4.073	ng/ul#	86
90) Dibenzo(a,h)anthracene	26.90	278	47390	1.508	ng/ul#	80
91) Benzo(g,h,i)perylene	27.69	276	142712	4.551	ng/ul#	89

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

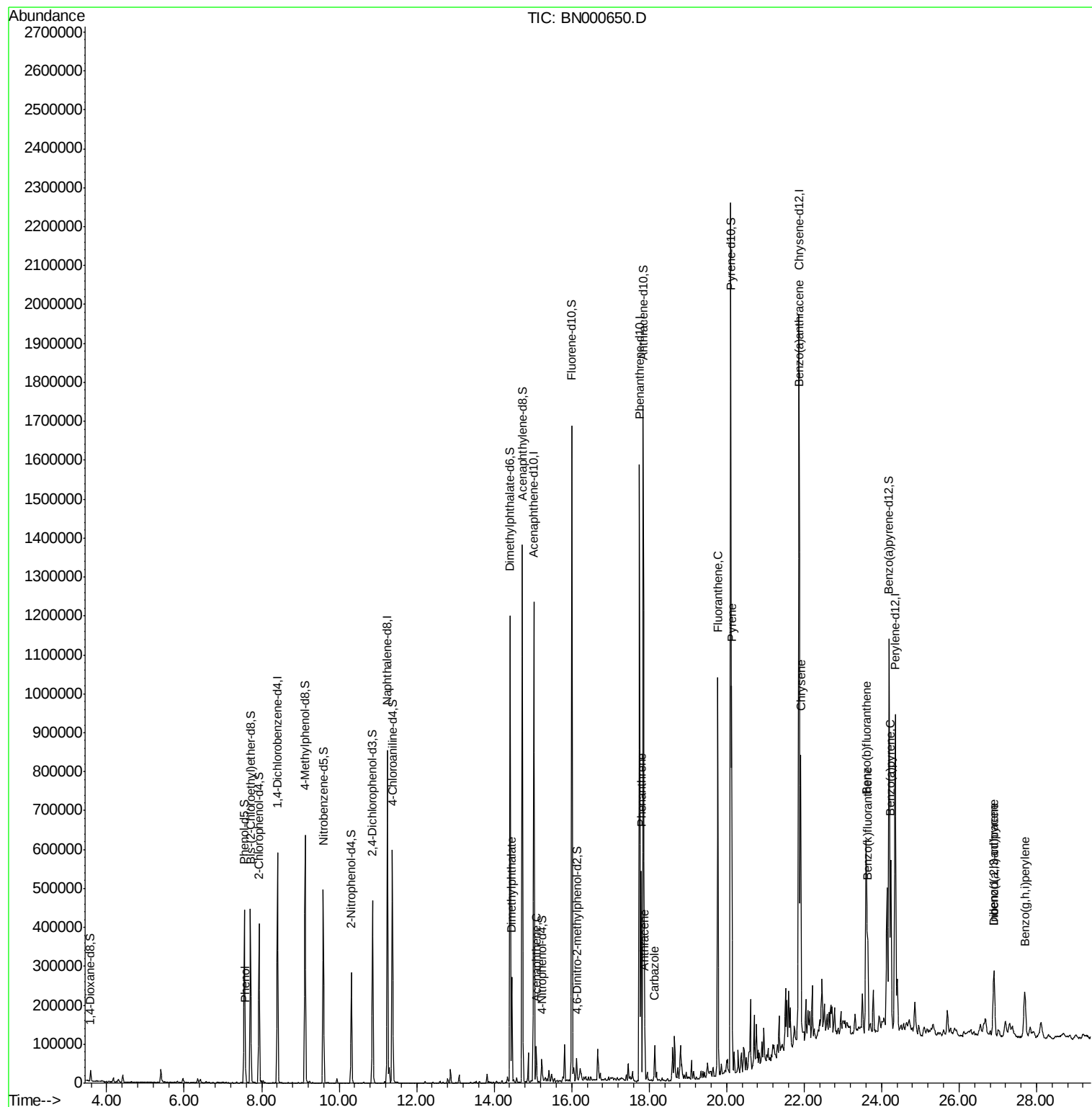
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000650.D
Acq On : 27 Mar 2018 17:02
Operator : JU/SJ
Sample : J2060-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

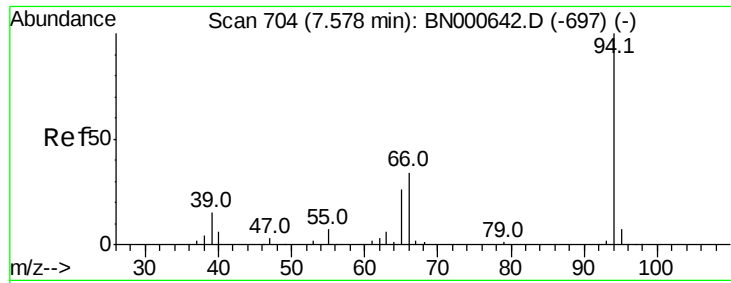
Instrument :
BNA_N
ClientSampleId :
C0AS5

Quant Time: Mar 28 02:23:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

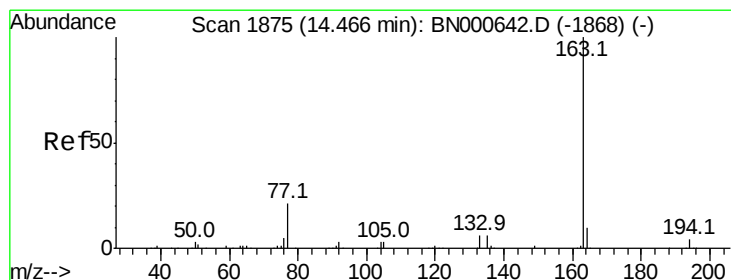
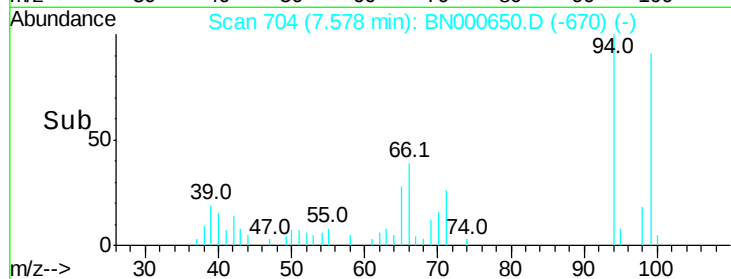
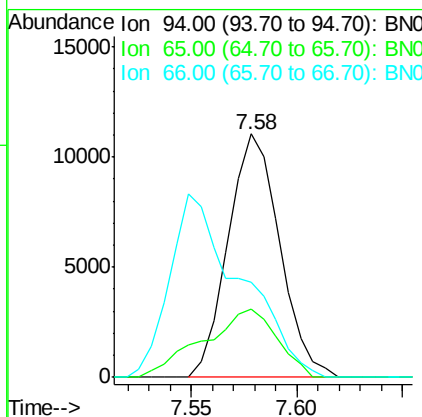
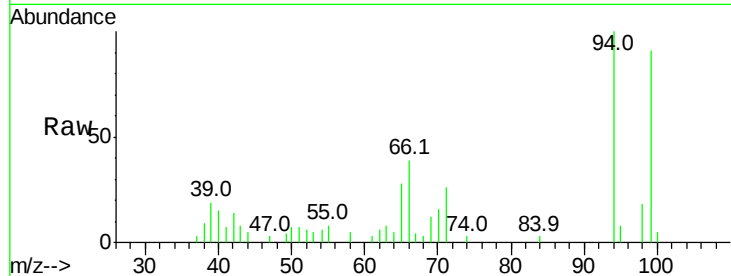
Concen: 1.251 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BN000650.D
 Acq: 27 Mar 2018 17:02

Instrument :
 BNA_N
 ClientSampled :
 C0AS5

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.9	23.0	34.6
66	39.2	30.4	45.6

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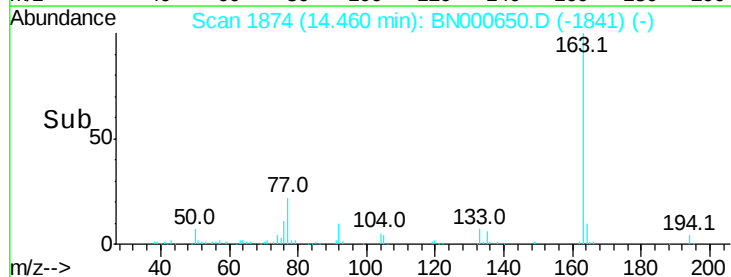
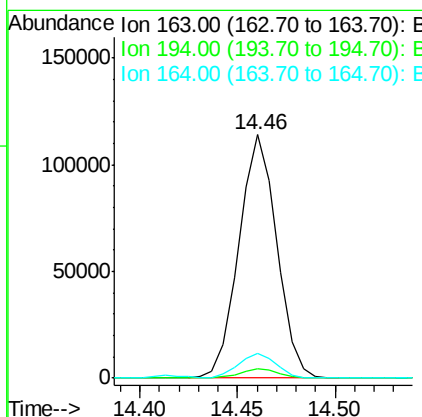
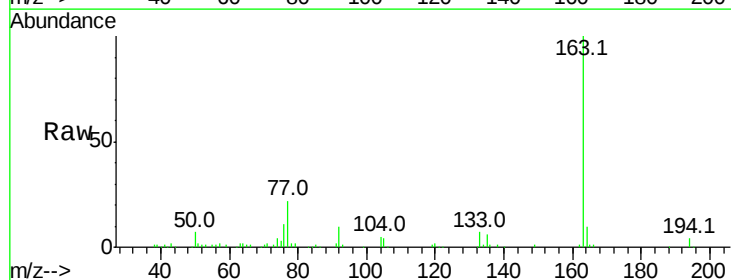


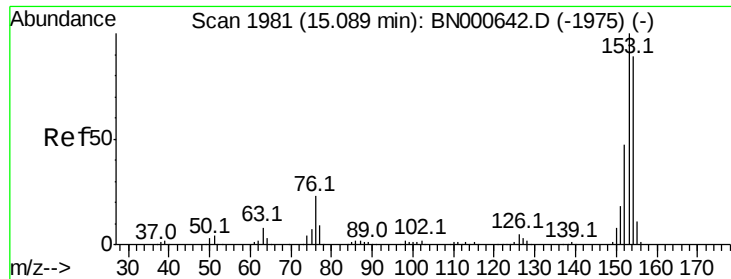
#44

Dimethylphthalate

Concen: 4.877 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000650.D
 Acq: 27 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	10.0	8.4	12.6





#49

Acenaphthene

Concen: 1.228 ng/ul

RT: 15.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampleId :

C0AS5

Tot Ion:153 Resp: 34489

Ion Ratio Lower Upper

153 100

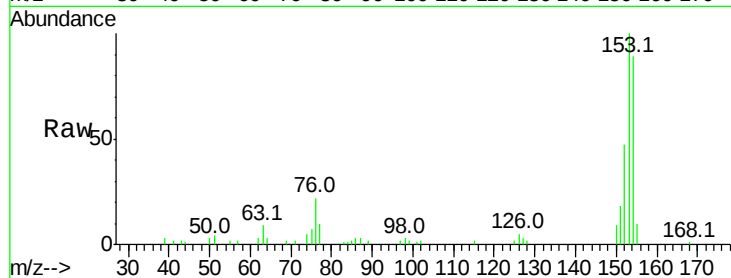
152 47.4 37.9 56.9

154 88.9 69.8 104.6

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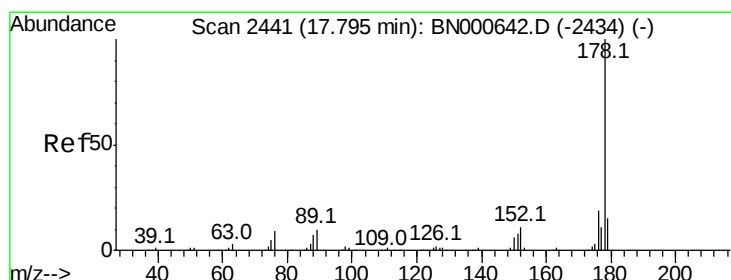
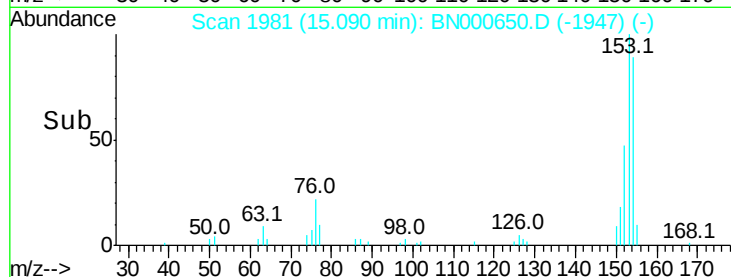
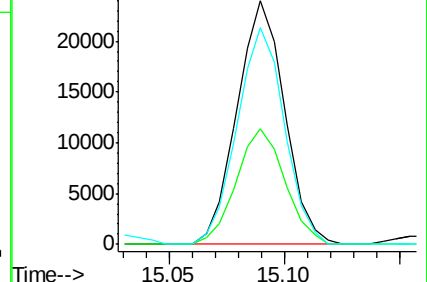
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#69

Phenanthrene

Concen: 6.185 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

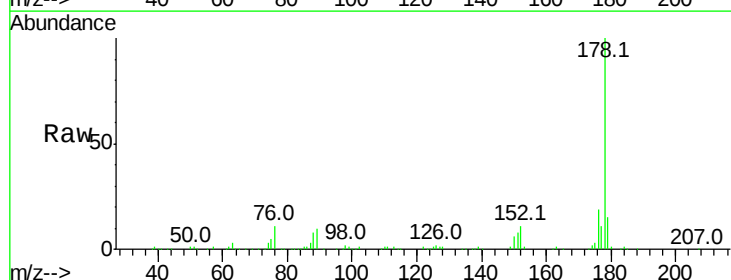
Tgt Ion:178 Resp: 301211

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

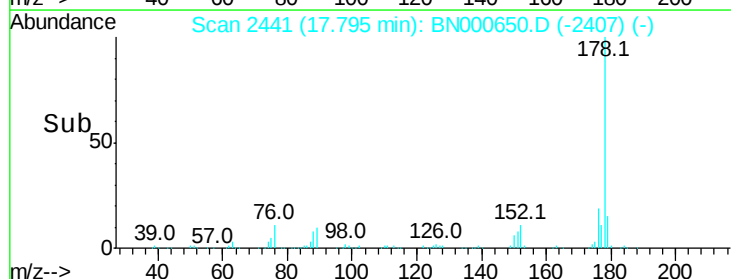
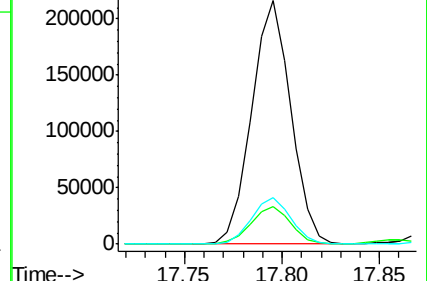
176 18.9 15.4 23.0

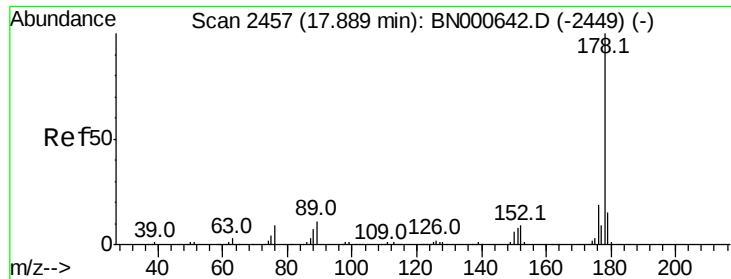


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





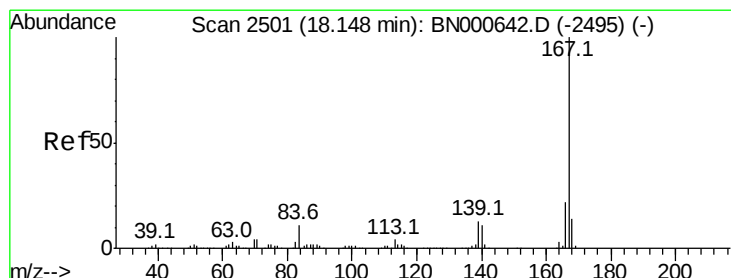
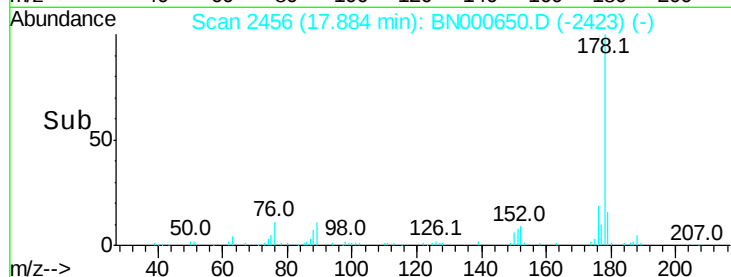
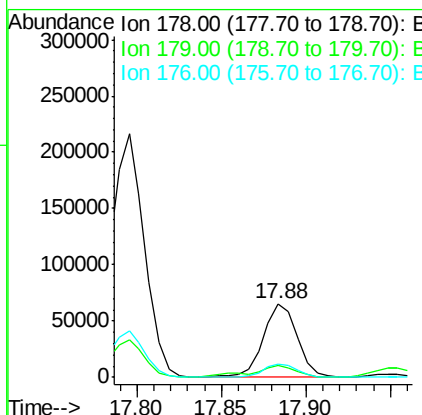
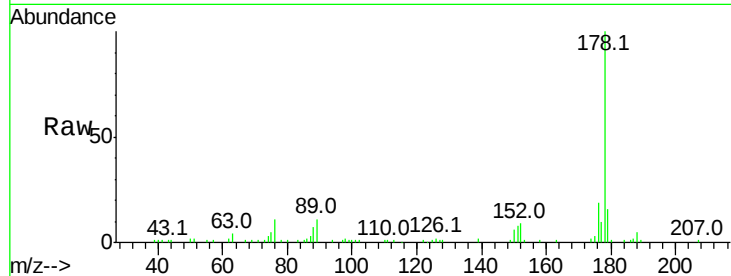
#71
 Anthracene
 Concen: 1.850 ng/ul
 RT: 17.88 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000650.D
 Acq: 27 Mar 2018 17:02

Instrument :
 BNA_N
 ClientSampleID :
 C0AS5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.7	15.4	23.0

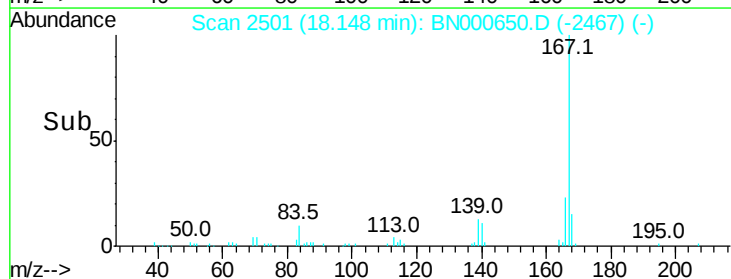
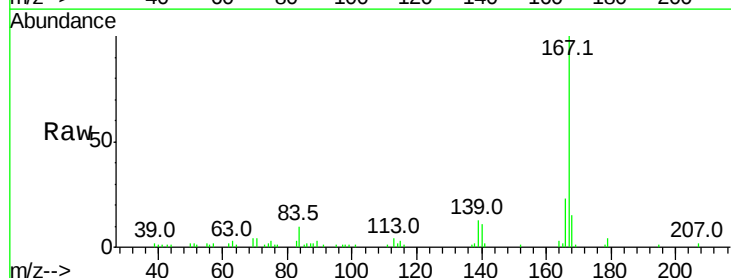
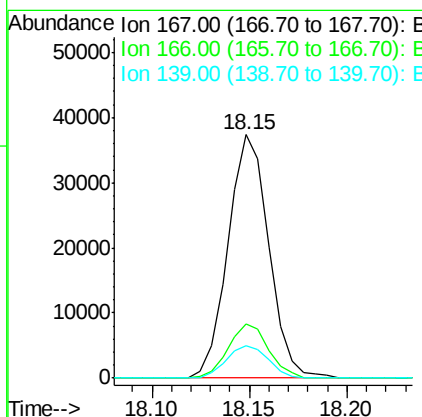
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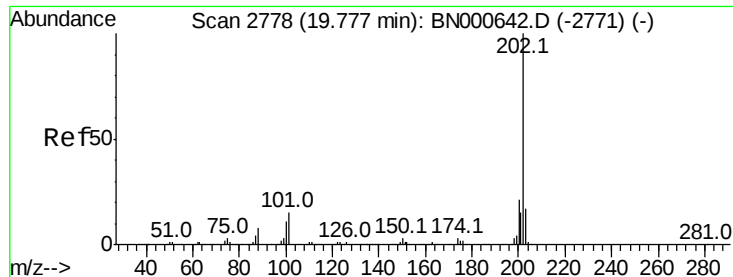
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#72
 Carbazole
 Concen: 1.262 ng/ul
 RT: 18.15 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BN000650.D
 Acq: 27 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.0	25.4
139	13.5	9.1	13.7





#74

Fluoranthene

Concen: 11.954 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

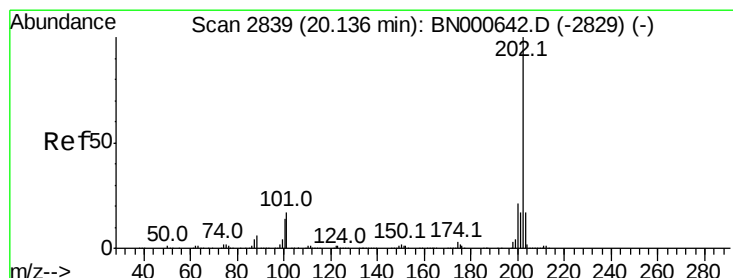
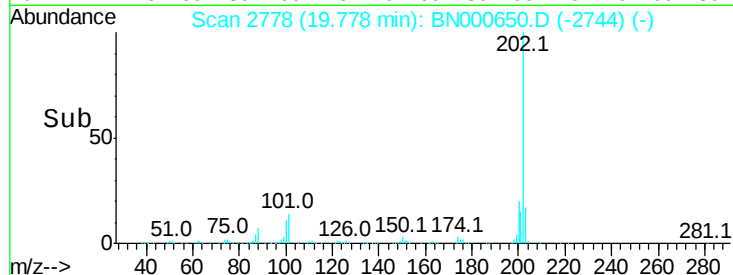
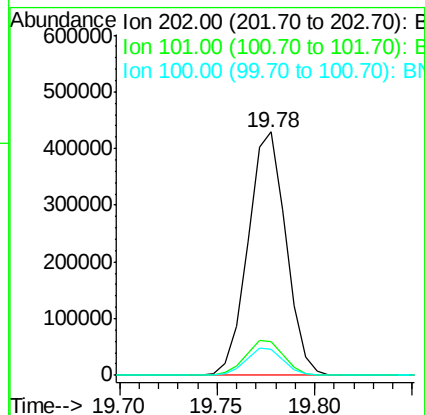
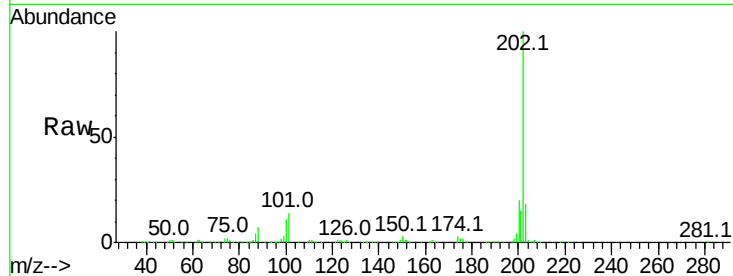
ClientSampled :

C0AS5

Tot Ion:	202	Resp:	578501
Ion Ratio	Lower	Upper	
202	100		
101	14.0	6.1	9.1#
100	10.6	4.6	7.0#

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#77

Pyrene

Concen: 9.807 ng/ul m

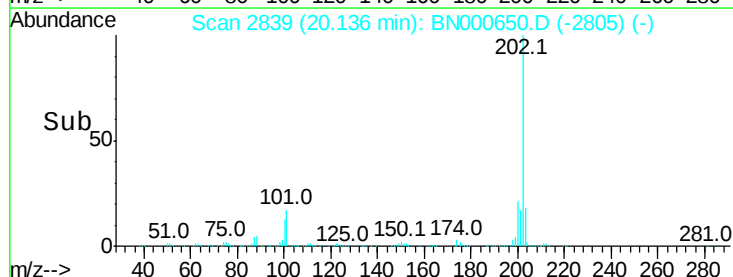
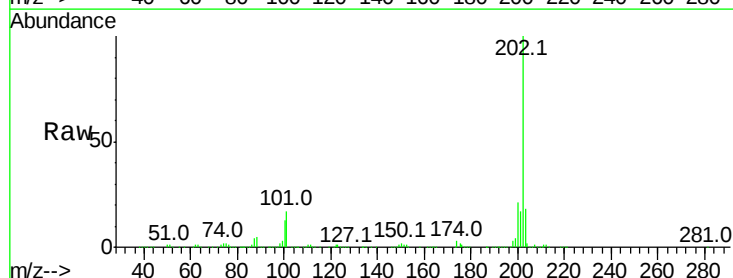
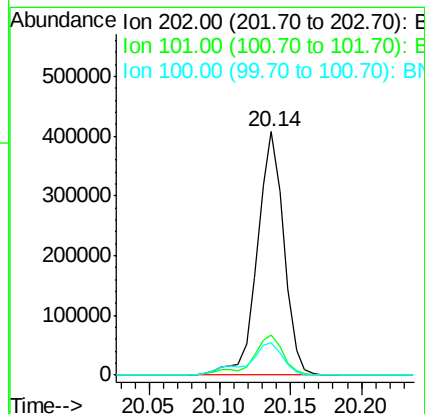
RT: 20.14 min Scan# 2839

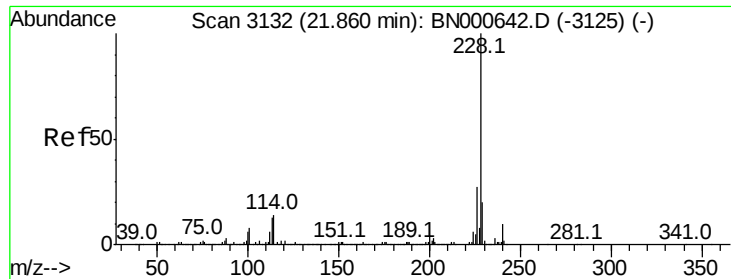
Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Tgt Ion:	202	Resp:	531857
Ion Ratio	Lower	Upper	
202	100		
101	16.7	6.9	10.3#
100	13.5	5.6	8.4#





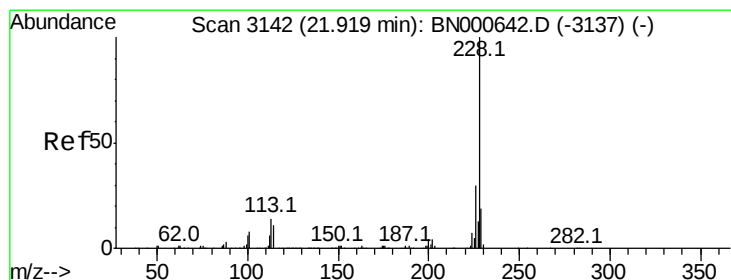
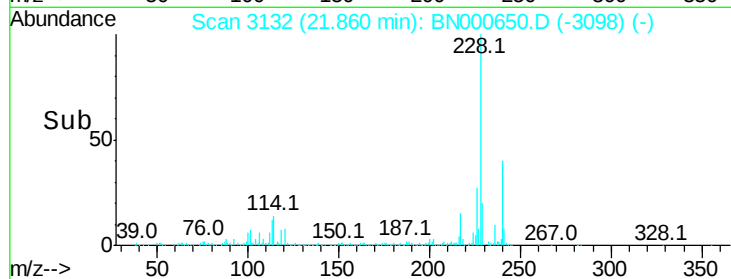
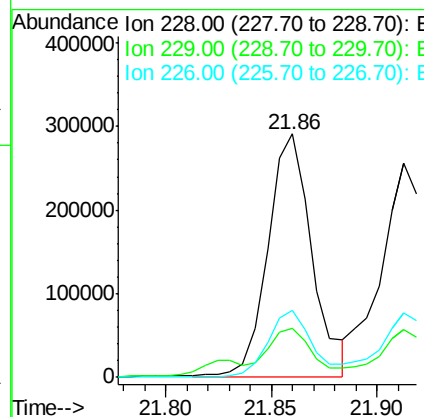
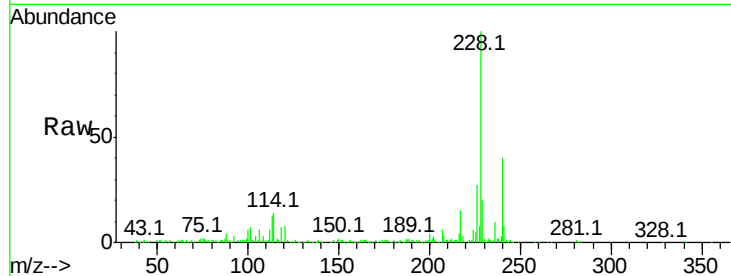
#80
Benzo(a)anthracene
Concen: 8.540 ng/ul
RT: 21.86 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Instrument :
BNA_N
ClientSampleId :
C0AS5

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	27.4	21.8	32.8

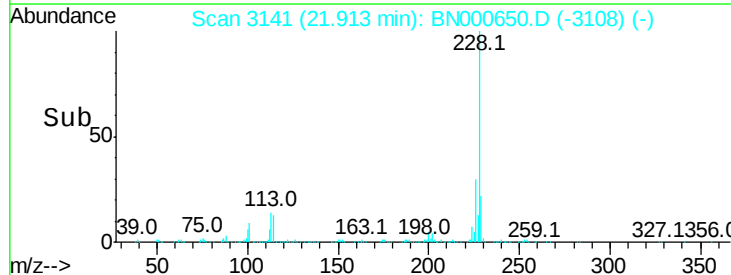
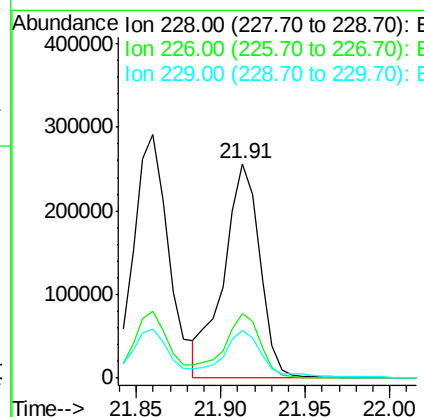
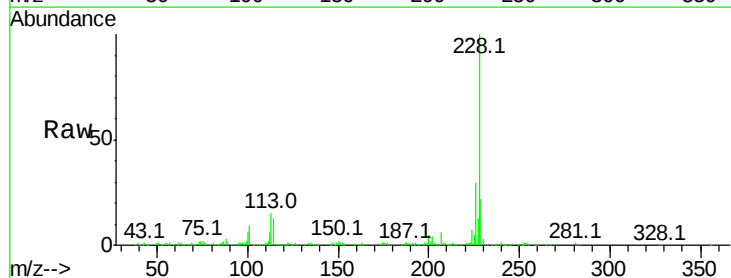
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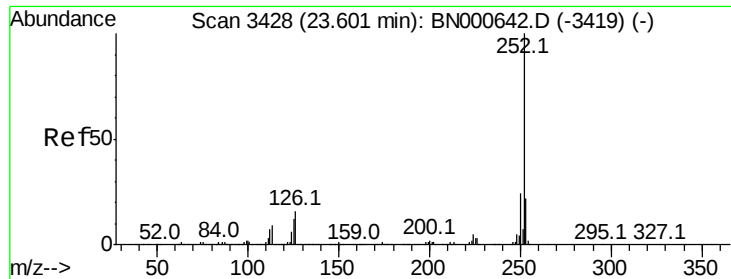
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#82
Chrysene
Concen: 8.227 ng/ul
RT: 21.91 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	22.0	16.0	24.0





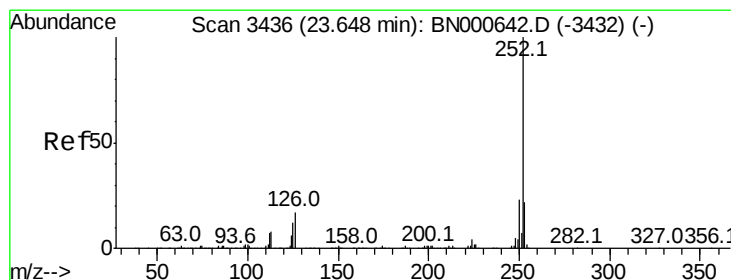
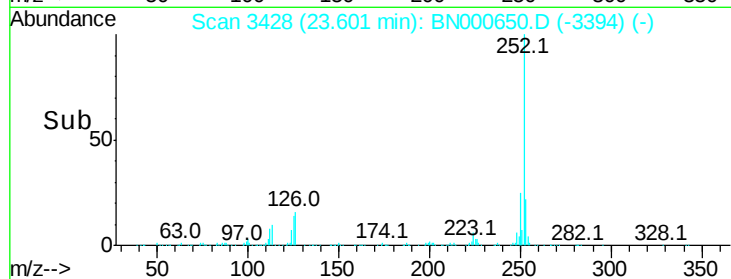
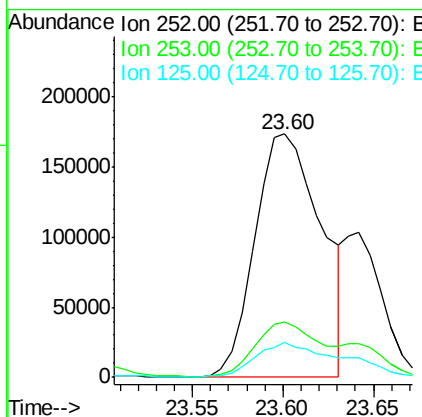
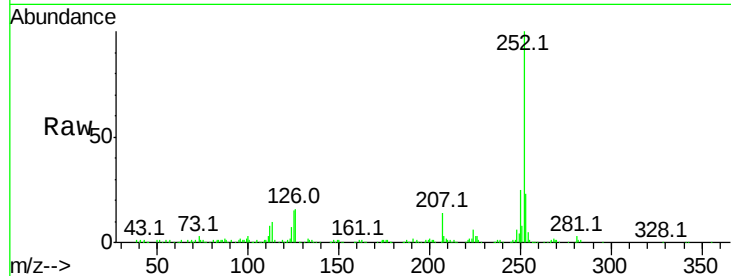
#85
Benzo(b)fluoranthene
Concen: 11.863 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Instrument :
BNA_N
ClientSampled :
C0AS5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.6	4.9	7.3#

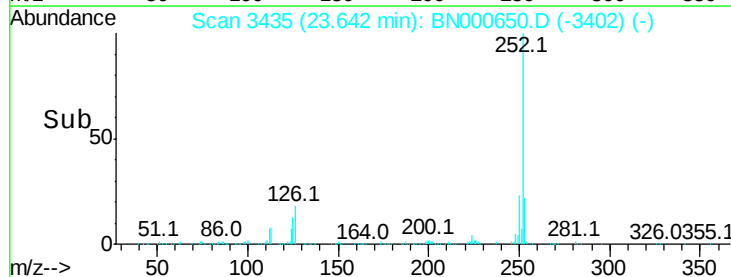
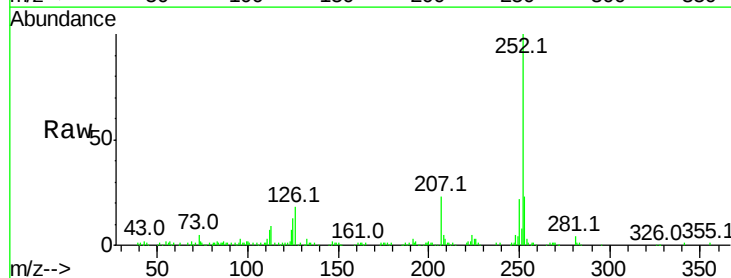
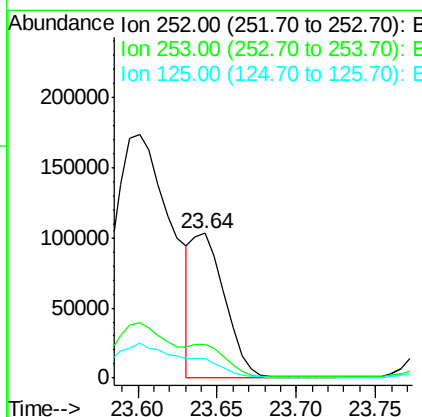
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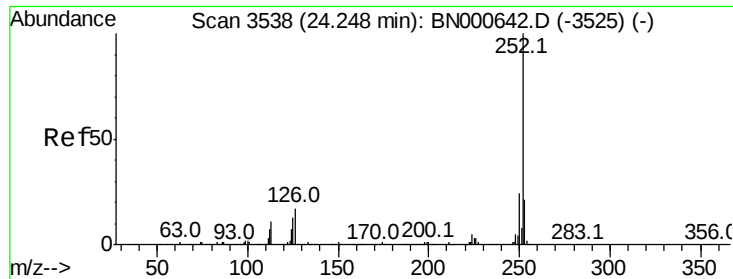
Sohil
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#86
Benzo(k)fluoranthene
Concen: 4.100 ng/ul m
RT: 23.64 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.4	5.4	8.0#





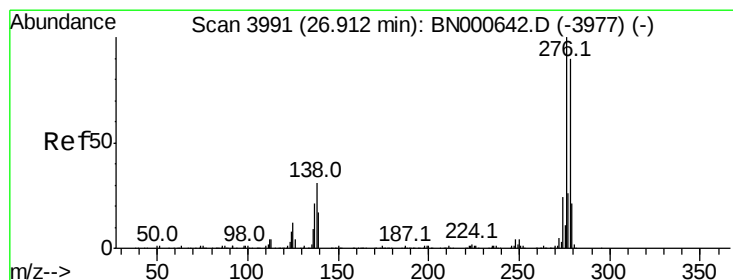
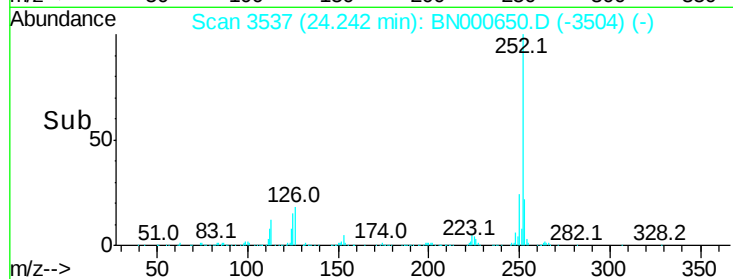
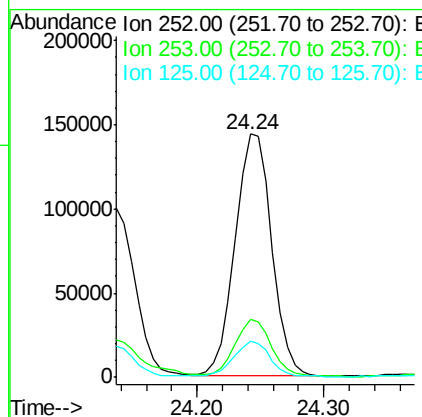
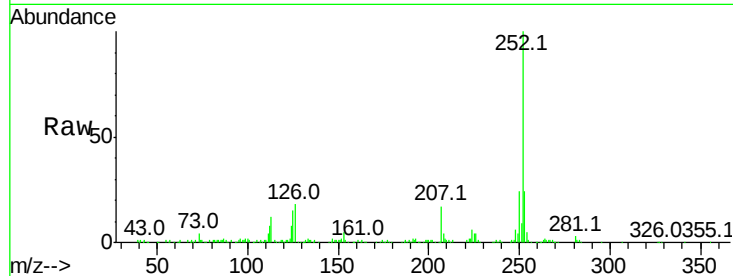
#88
Benzo(a)pyrene
Concen: 8.259 ng/u1
RT: 24.24 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Instrument :
BNA_N
ClientSampled :
C0AS5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	15.1	5.8	8.6#

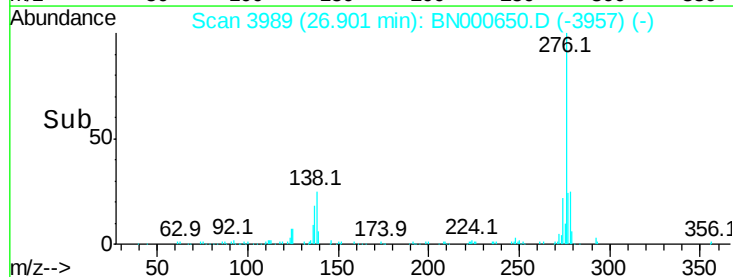
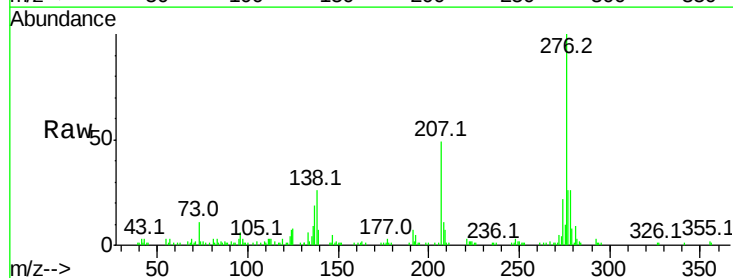
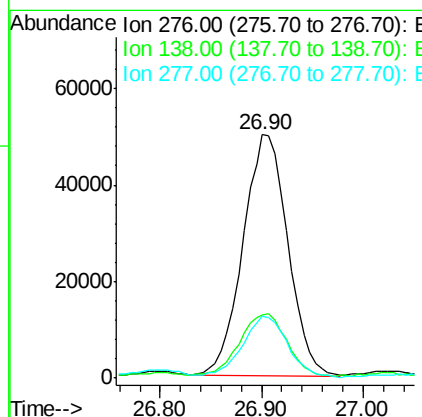
Manual Integrations
APPROVED

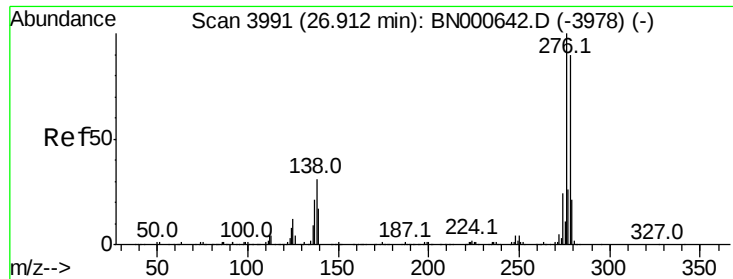
Sohil
3/28/2018 5:01:44 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 4.073 ng/u1
RT: 26.90 min Scan# 3989
Delta R.T. -0.01 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	10.9	16.3#
277	25.5	18.9	28.3





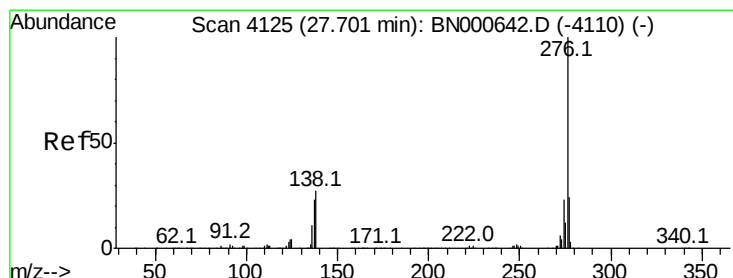
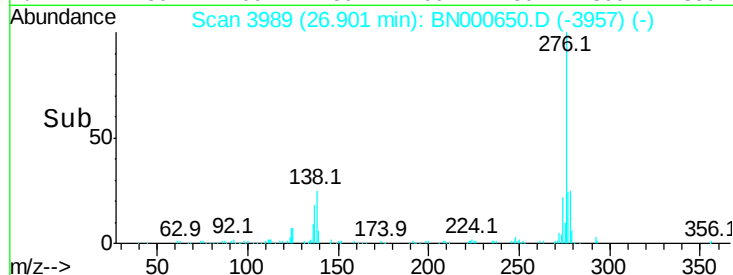
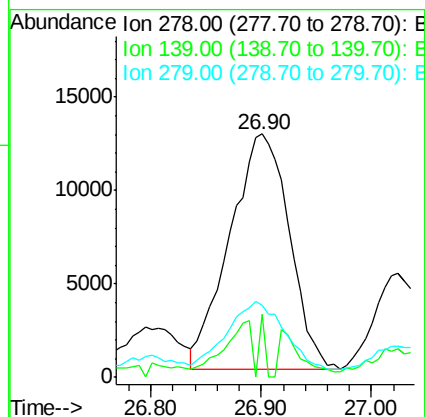
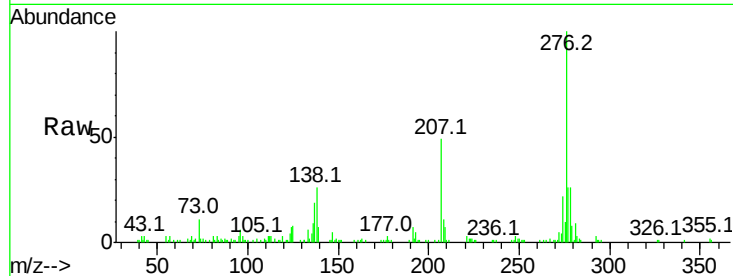
#90
Dibenzo(a,h)anthracene
Concen: 1.508 ng/ul
RT: 26.90 min Scan# 3989
Delta R.T. -0.01 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Instrument :
BNA_N
ClientSampleId :
C0AS5

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.9	9.0	13.4#
279	29.6	19.1	28.7#

Manual Integrations
APPROVED

Sohil
3/28/2018 5:01:44 PM



#91
Benzo(g,h,i)perylene
Concen: 4.551 ng/ul
RT: 27.69 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BN000650.D
Acq: 27 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	11.2	16.8#
277	24.0	19.0	28.6

