

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005342.D
 Acq On : 27 Apr 2019 06:16
 Operator : JU/SJ
 Sample : K2481-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW4

Manual Integrations
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Sohil
 4/29/2019 1:44:14 PM

Quant Time: Apr 29 03:33:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	458583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1963735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1170648	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2620614	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1926656	20.00	ng/ul	-0.01
85) Perylene-d12	23.43	264	1976534m	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	23756	2.50	ng/uL	0.00
5) Phenol-d5	6.78	99	621760	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	350115	15.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	494766	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	513498	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	259813	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	299286	24.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	559523	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	348776	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1718278	20.22	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2115602	20.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	274333	20.45	ng/ul	0.00
57) Fluorene-d10	15.23	176	1487865	20.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	157236	13.34	ng/ul	0.00
70) Anthracene-d10	17.08	188	2347541	21.37	ng/ul	0.00
78) Pyrene-d10	19.40	212	2356421	23.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1766349	20.45	ng/ul	-0.02

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	134520	1.474	ng/ul#	95
34) 2-Methylnaphthalene	12.02	142	87574	1.310	ng/ul	96
44) Dimethylphthalate	13.69	163	359601	4.247	ng/ul	99
47) Acenaphthylene	13.95	152	7021144	68.451	ng/ul	98
49) Acenaphthene	14.29	153	79844	1.140	ng/ul#	85
58) Fluorene	15.30	166	471468	5.993	ng/ul#	58
71) Anthracene	17.12	178	2672731	20.557	ng/ul	99
79) Pyrene	19.43	202	453466	3.655	ng/ul	98
82) Benzo(a)anthracene	21.20	228	298487	2.490	ng/ul#	1
84) Chrysene	21.23	228	733200	6.591	ng/ul#	75
87) Benzo(b)fluoranthene	22.77	252	3207993m	28.873	ng/ul	
88) Benzo(k)fluoranthene	22.80	252	554532m	5.226	ng/ul	
90) Benzo(a)pyrene	23.34	252	4606863	44.112	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.62	276	2584221m	22.381	ng/ul	
92) Dibenzo(a,h)anthracene	25.62	278	867217m	8.850	ng/ul	
93) Benzo(g,h,i)perylene	26.29	276	2130203m	22.312	ng/ul	

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

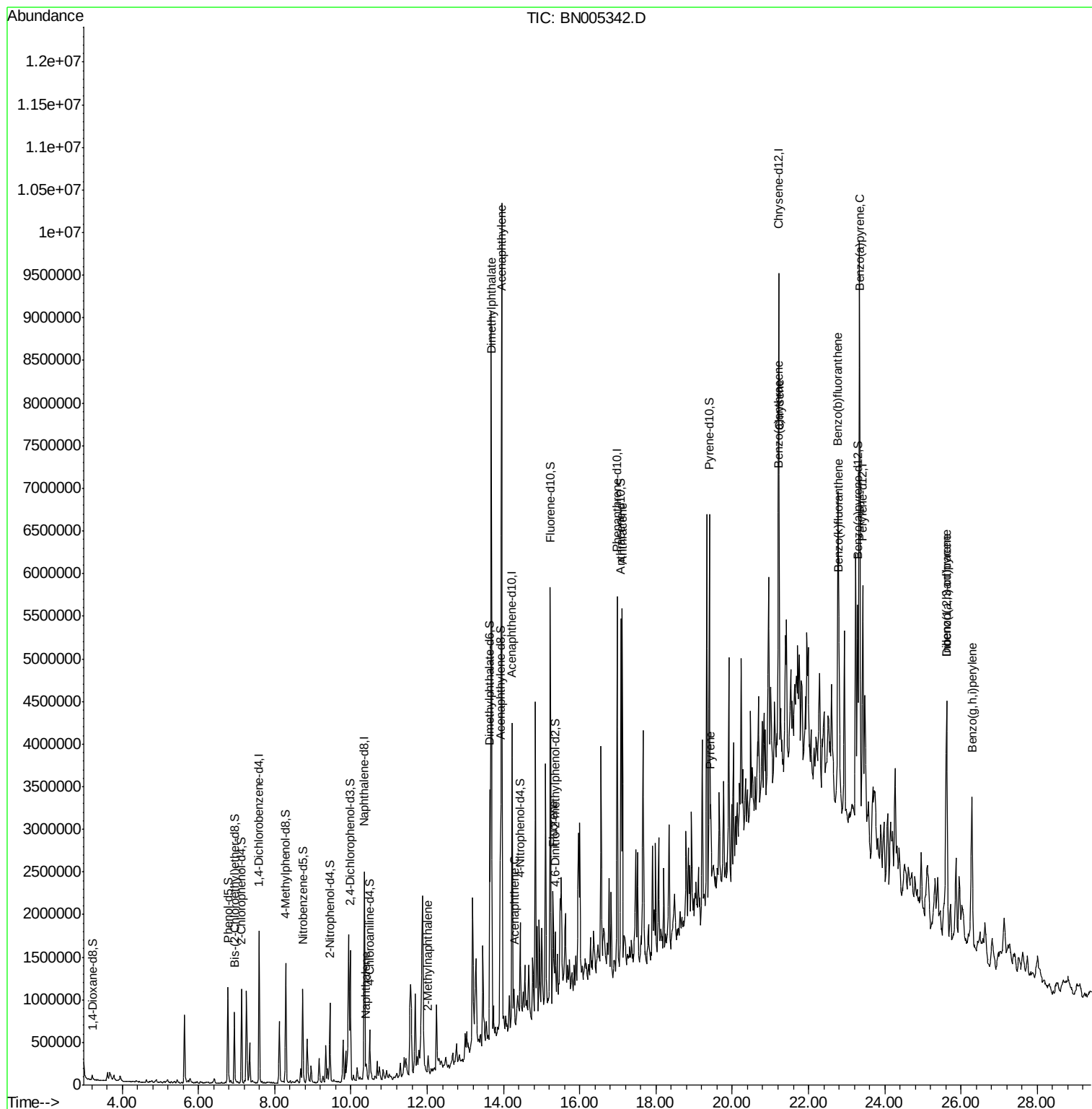
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005342.D
Acq On : 27 Apr 2019 06:16
Operator : JU/SJ
Sample : K2481-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

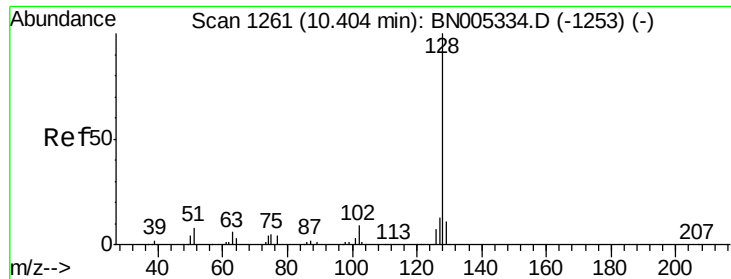
Instrument :
BNA_N
ClientSampled :
GAHW4

Quant Time: Apr 29 03:33:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
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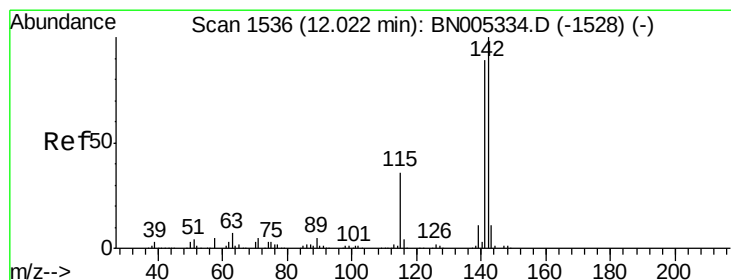
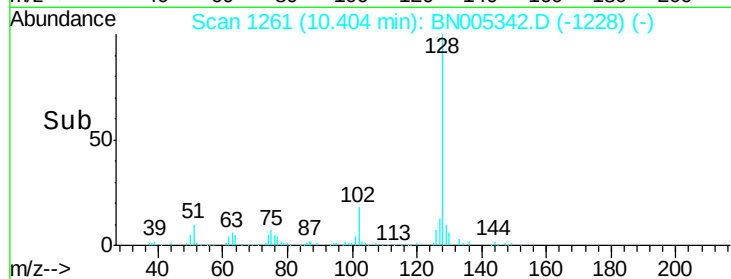
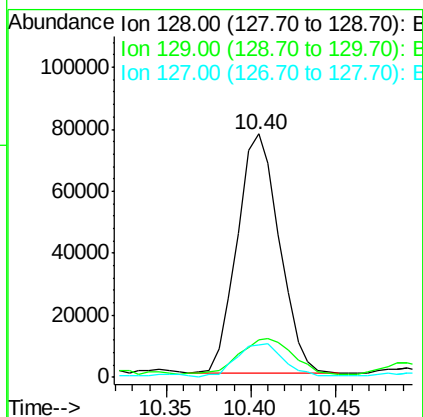
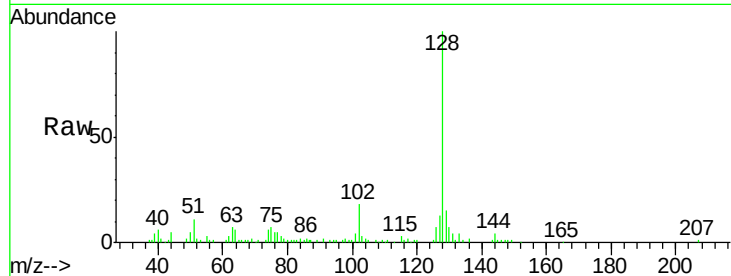
#28
Naphthalene
Concen: 1.474 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Instrument :
BNA_N
ClientSampled :
GAHW4

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.2	13.8#
127	13.2	10.7	16.1

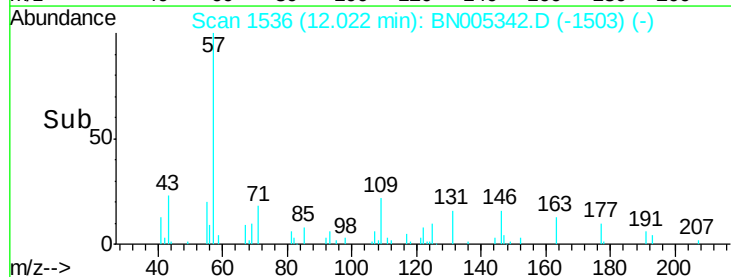
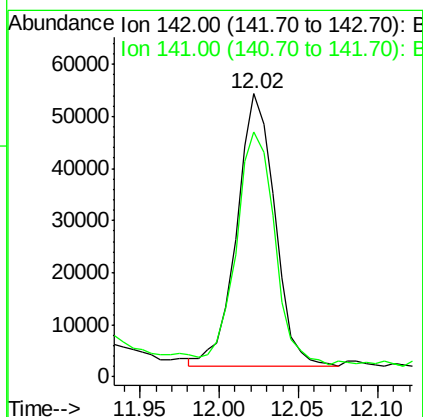
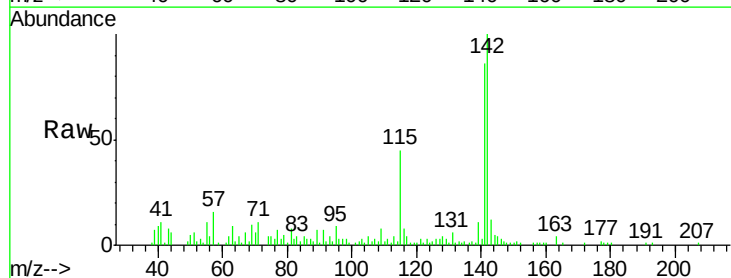
Manual Integrations
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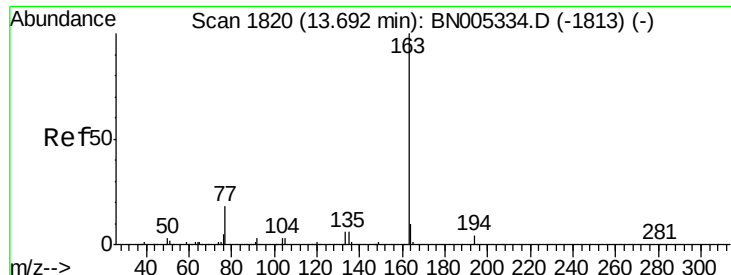
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#34
2-Methylnaphthalene
Concen: 1.310 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.0	108.0





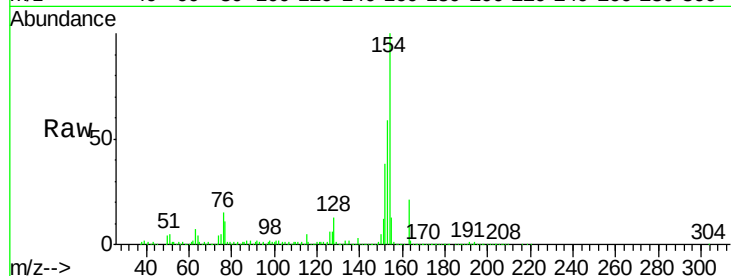
#44
Dimethylphthalate
Concen: 4.247 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Instrument :
BNA_N
ClientSampleId :
GAHW4

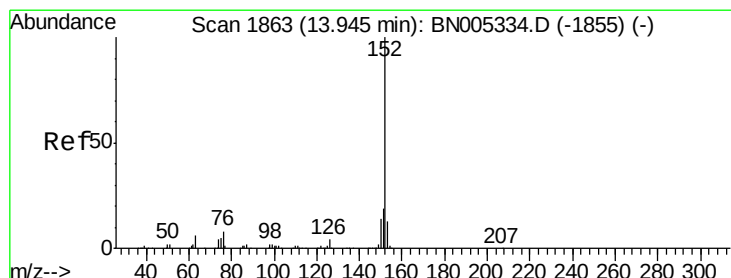
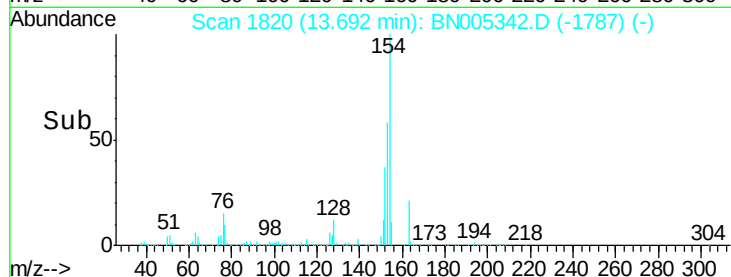
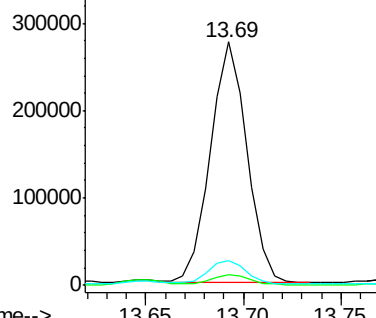
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	359601		
194	4.4	3.4	5.0	
164	10.3	8.1	12.1	

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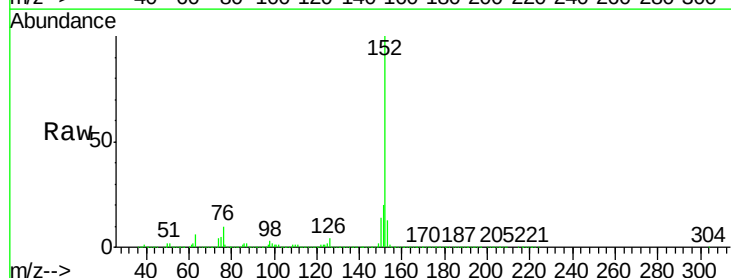


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

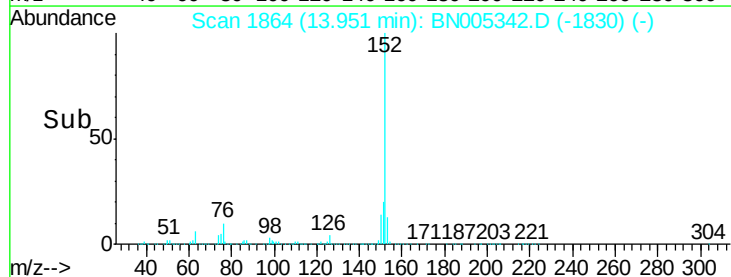
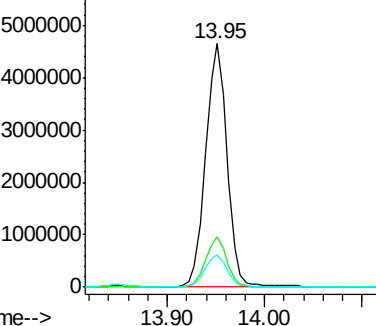


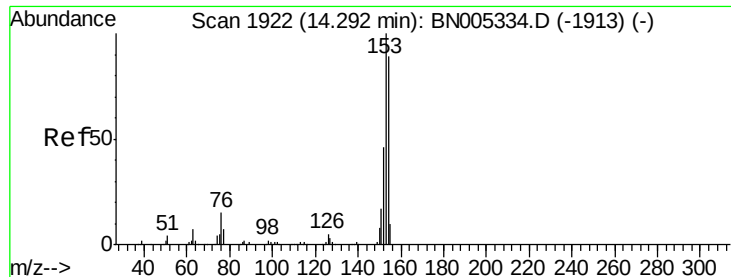
#47
Acenaphthylene
Concen: 68.451 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	7021144		
151	20.4	15.8	23.8	
153	13.4	9.8	14.8	



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 1.140 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005342.D

Acq: 27 Apr 2019 06:16

Instrument :

BNA_N

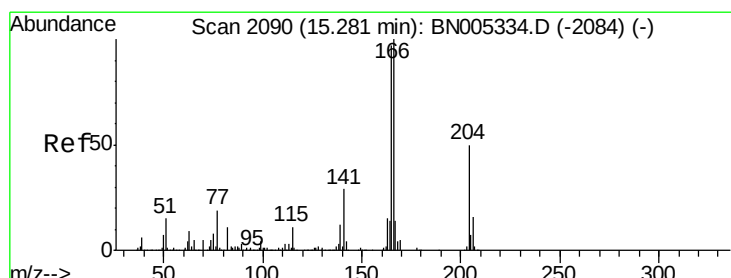
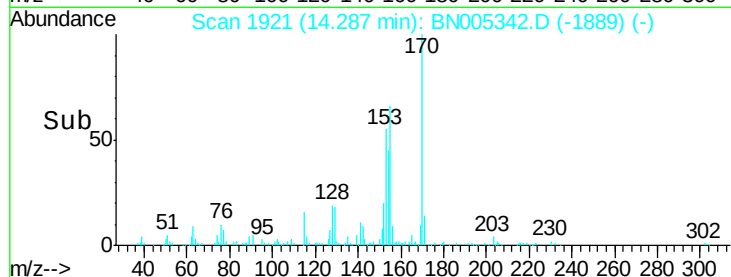
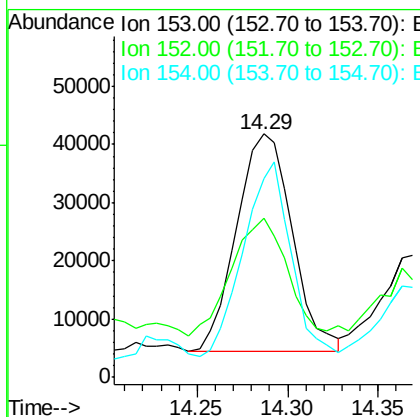
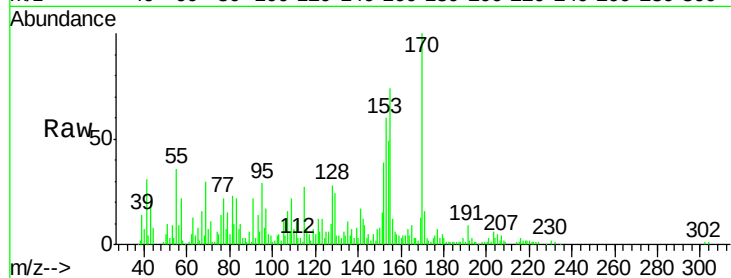
ClientSampled :

GAHW4

Tgt Ion:153 Resp: 79844
 Ion Ratio Lower Upper
 153 100
 152 65.2 37.4 56.0#
 154 81.8 71.2 106.8

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#58

Fluorene

Concen: 5.993 ng/ul

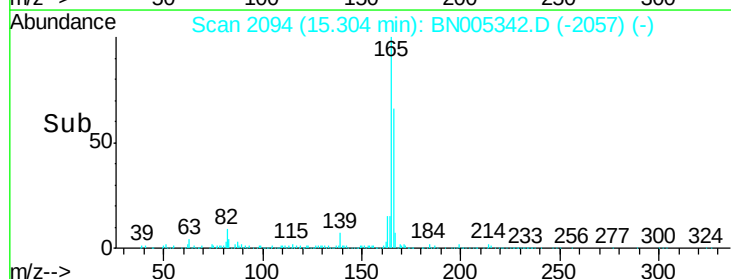
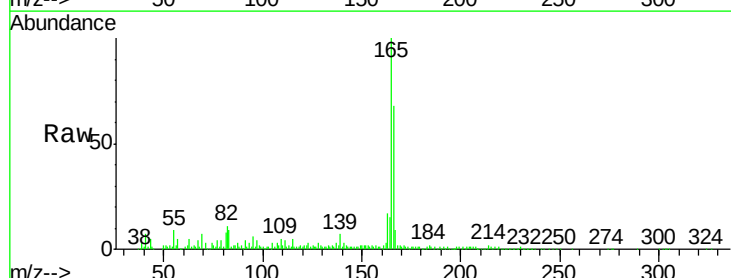
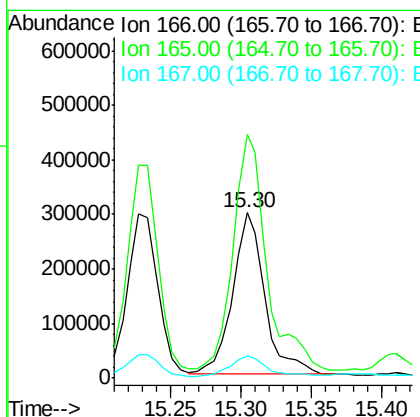
RT: 15.30 min Scan# 2094

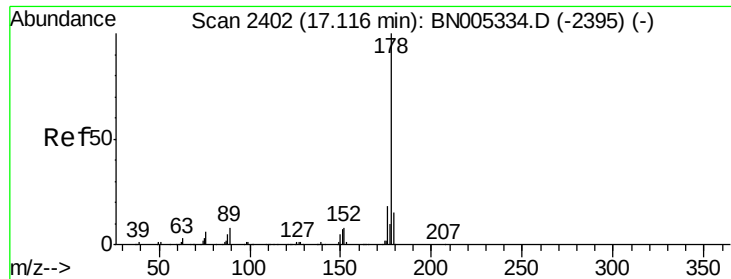
Delta R.T. 0.02 min

Lab File: BN005342.D

Acq: 27 Apr 2019 06:16

Tgt Ion:166 Resp: 471468
 Ion Ratio Lower Upper
 166 100
 165 147.6 80.0 120.0#
 167 13.5 10.7 16.1





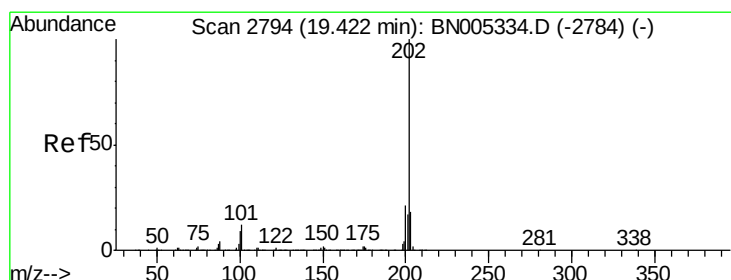
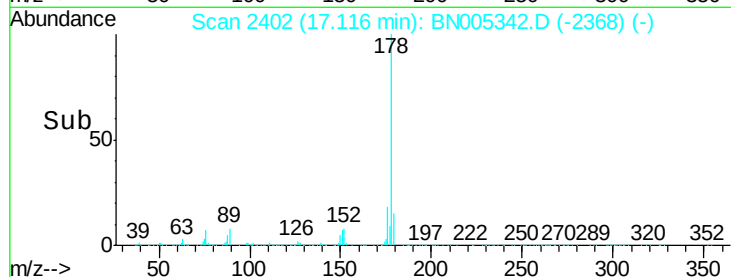
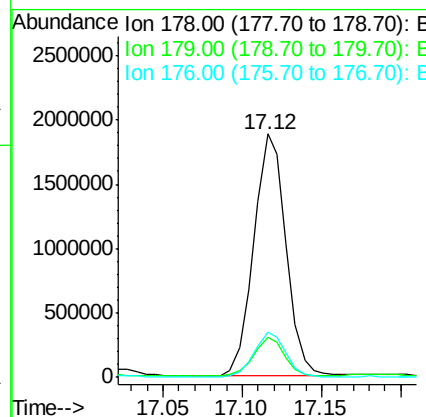
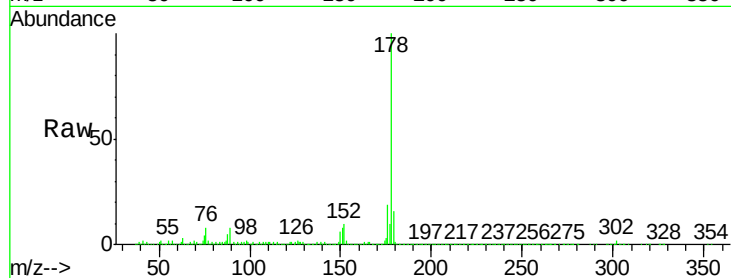
#71
 Anthracene
 Concen: 20.557 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005342.D
 Acq: 27 Apr 2019 06:16

Instrument :
 BNA_N
 ClientSampleId :
 GAHW4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	18.7	15.1	22.7

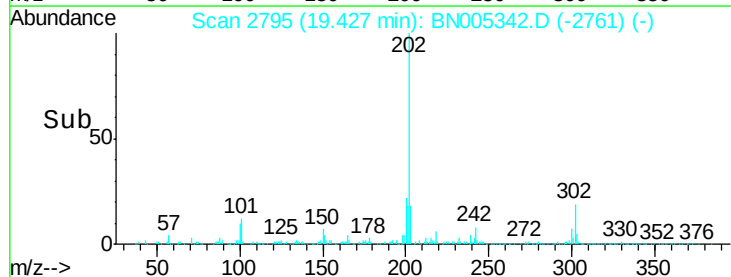
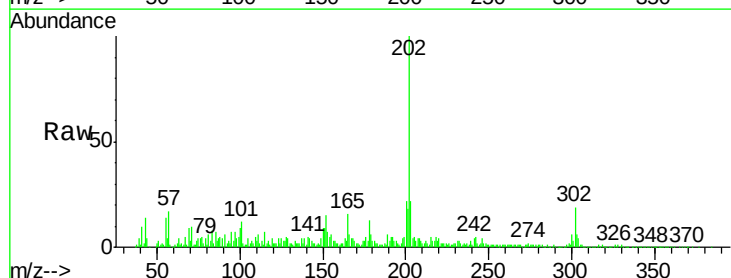
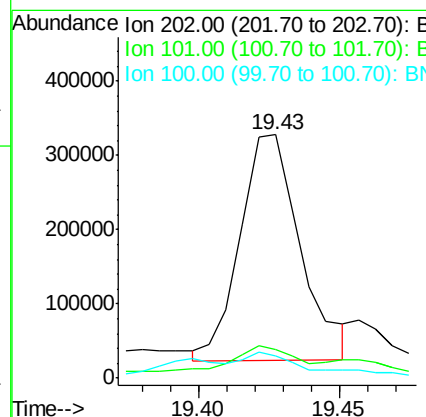
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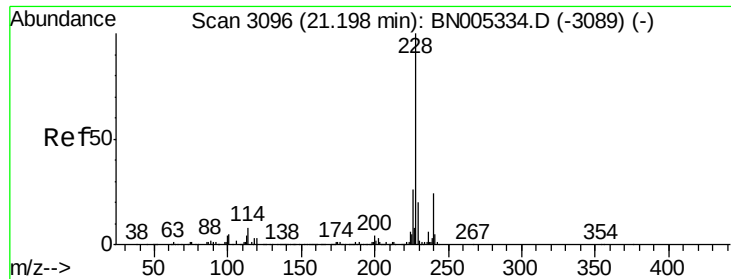
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#79
 Pyrene
 Concen: 3.655 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005342.D
 Acq: 27 Apr 2019 06:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.3	15.5
100	9.2	7.9	11.9





#82

Benzo(a)anthracene

Concen: 2.490 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN005342.D

Acq: 27 Apr 2019 06:16

Instrument :

BNA_N

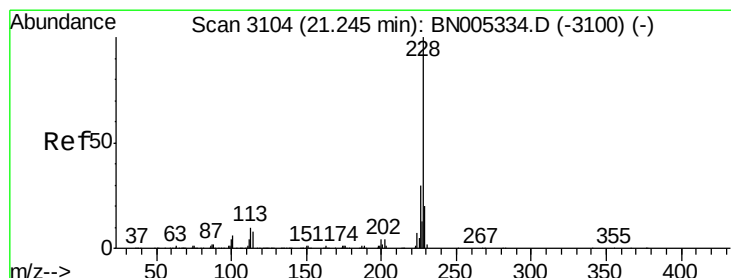
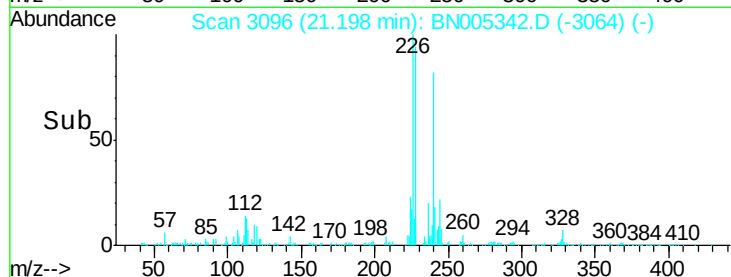
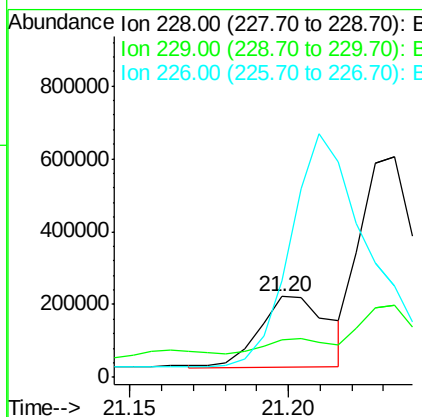
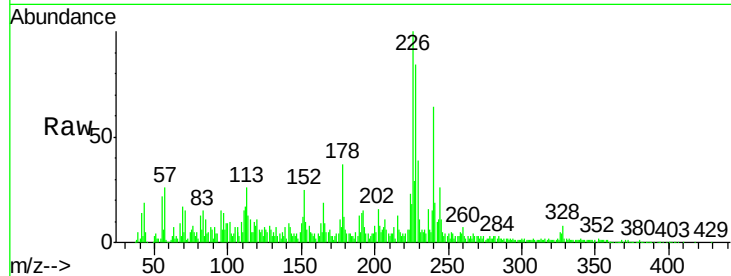
ClientSampleId :

GAHW4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	46.8	15.8	23.6#
226	119.0	21.4	32.2#

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#84

Chrysene

Concen: 6.591 ng/ul

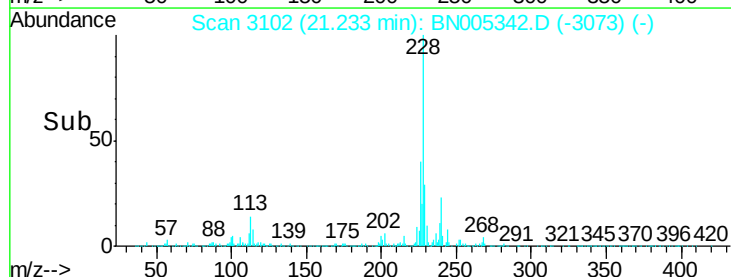
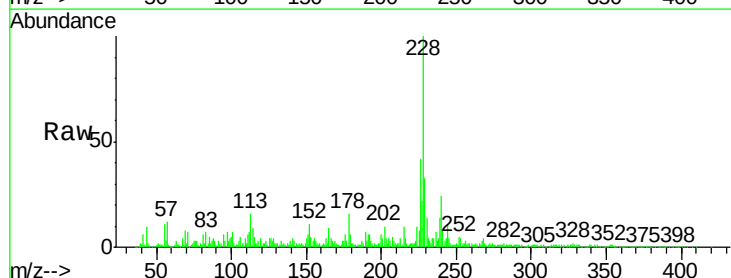
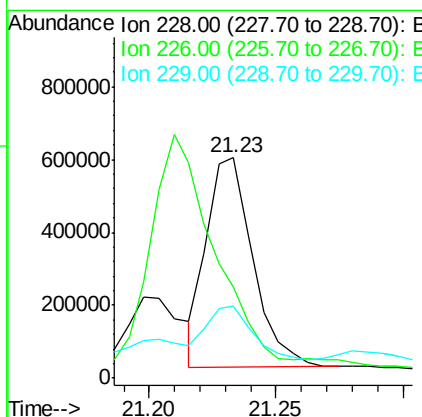
RT: 21.23 min Scan# 3102

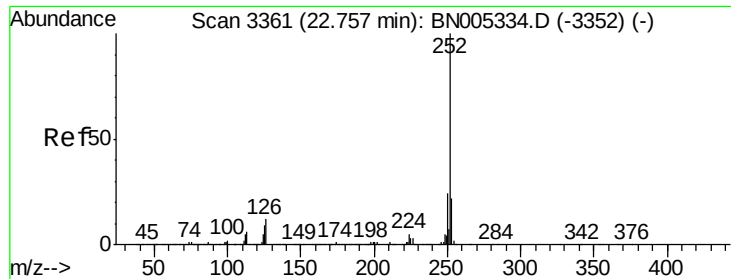
Delta R.T. -0.03 min

Lab File: BN005342.D

Acq: 27 Apr 2019 06:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.6	24.0	36.0#
229	32.9	15.4	23.0#





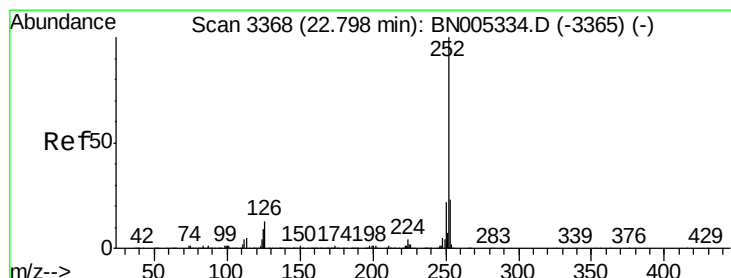
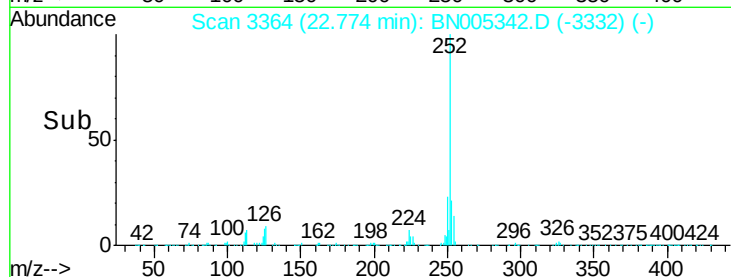
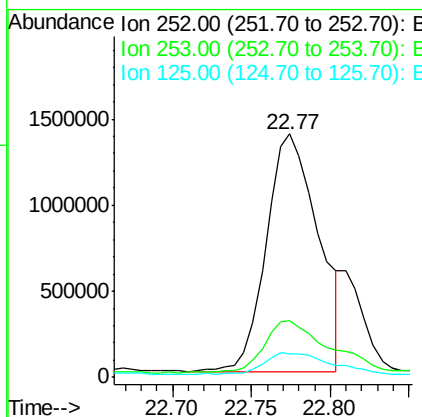
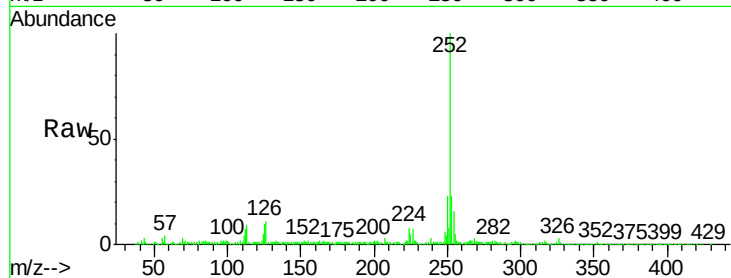
#87
Benzo(b)fluoranthene
Concen: 28.873 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Instrument :
BNA_N
ClientSampled :
GAHW4

Tgt Ion:252 Resp: 3207993
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.8 8.4 12.6

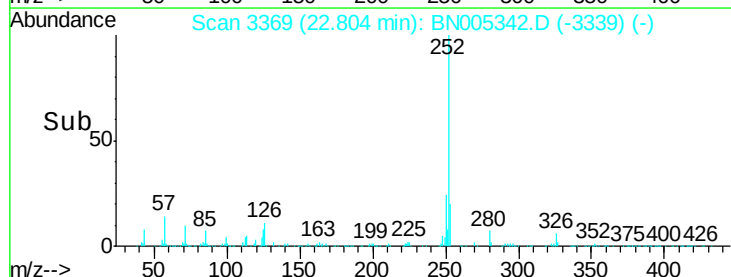
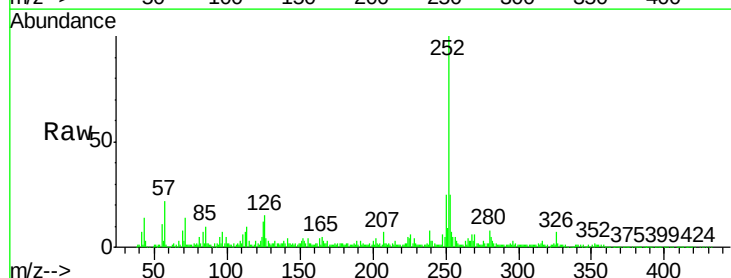
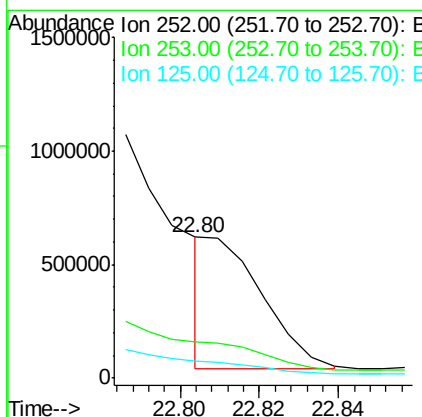
Manual Integrations
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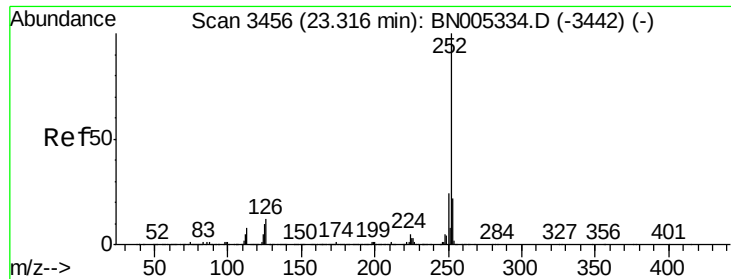
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#88
Benzo(k)fluoranthene
Concen: 5.226 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.02 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Tgt Ion:252 Resp: 554532
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.0
125 11.7 7.5 11.3#





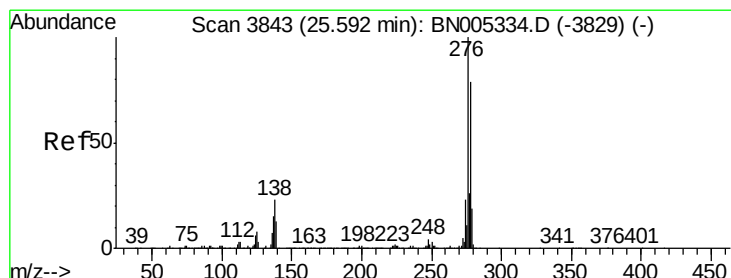
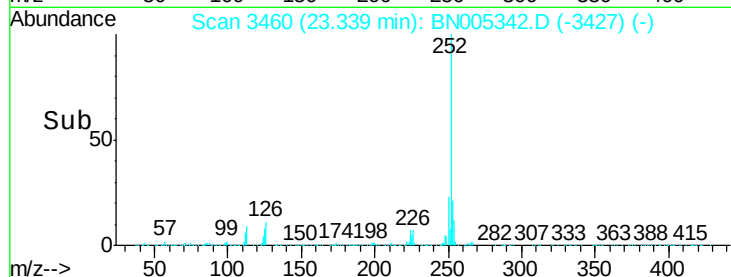
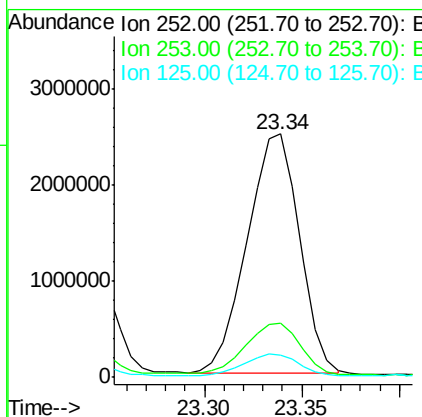
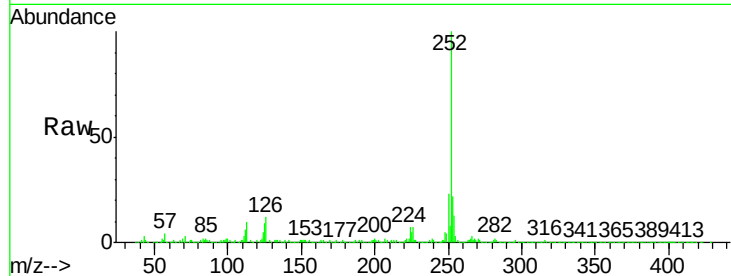
#90
Benzo(a)pyrene
Concen: 44.112 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Instrument :
BNA_N
ClientSampleId :
GAHW4

Tgt Ion: 252 Resp: 4606863
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.1 8.6 13.0

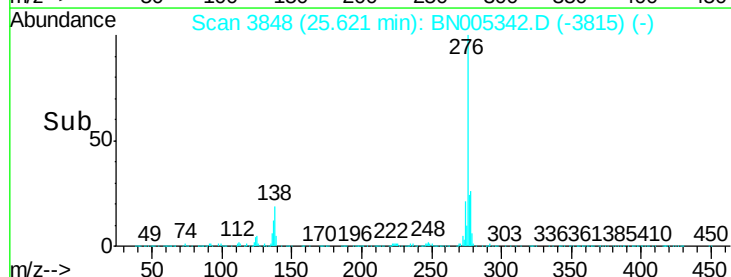
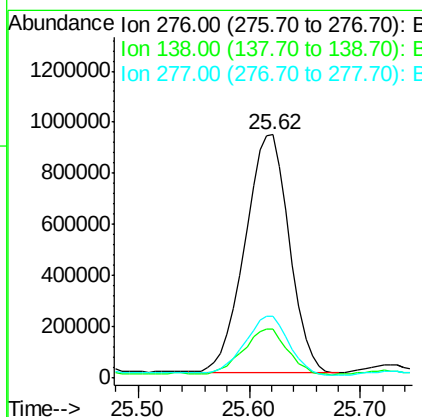
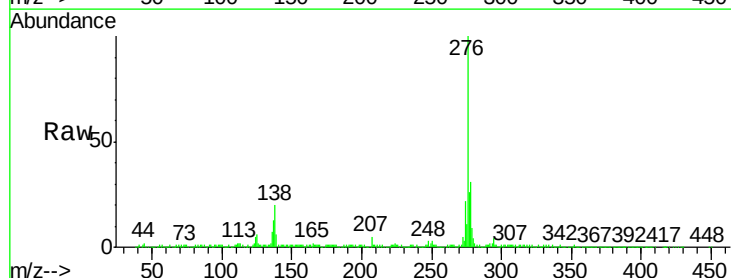
Manual Integrations
APPROVED

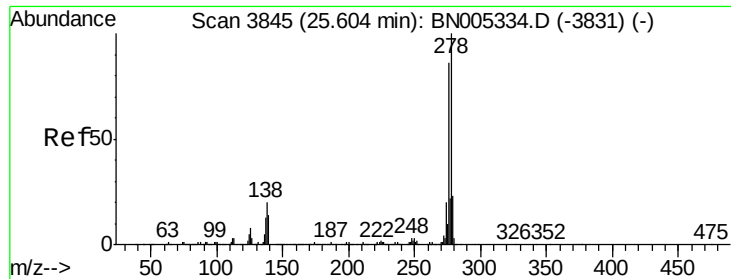
Sohil
4/29/2019 1:44:14 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 22.381 ng/ul m
RT: 25.62 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Tgt Ion: 276 Resp: 2584221
Ion Ratio Lower Upper
276 100
138 20.4 17.9 26.9
277 25.6 19.7 29.5





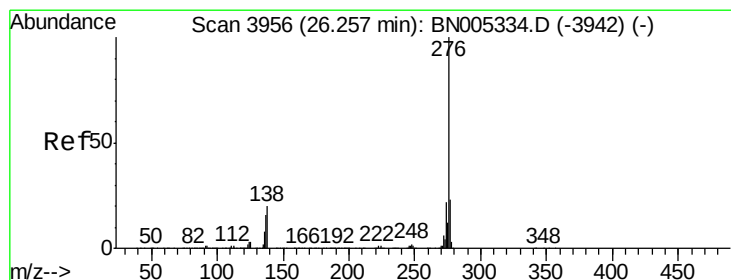
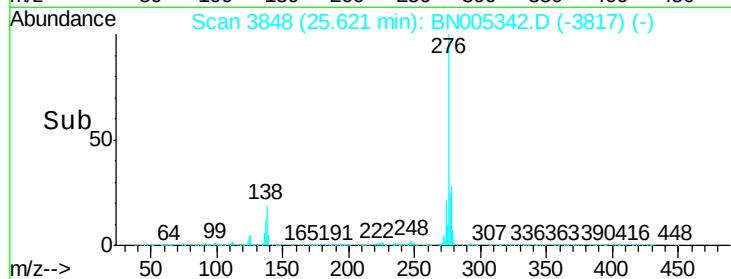
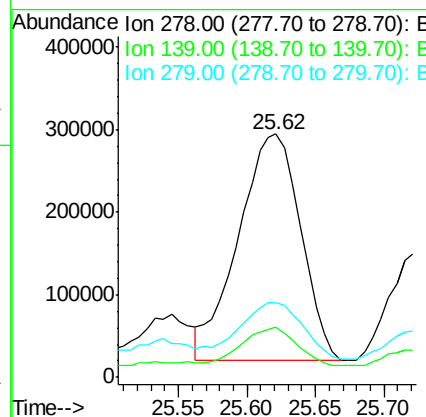
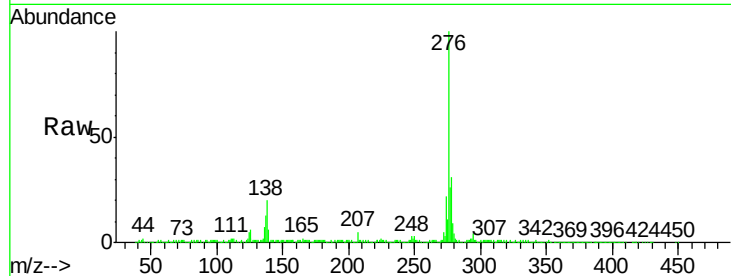
#92
Dibenzo(a,h)anthracene
Concen: 8.850 ng/ul m
RT: 25.62 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Instrument :
BNA_N
ClientSampleId :
GAHW4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.1	19.7#
279	30.7	19.4	29.0#

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:14 PM



#93
Benzo(g,h,i)perylene
Concen: 22.312 ng/ul m
RT: 26.29 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BN005342.D
Acq: 27 Apr 2019 06:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.7	25.1
277	24.9	18.2	27.2

