

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005338.D
 Acq On : 27 Apr 2019 03:58
 Operator : JU/SJ
 Sample : K2497-01 30X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX7

Manual Integrations
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Quant Time: Apr 27 05:22:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	376096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1603883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	967373	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2247512	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1814948	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1815768	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1625	0.21	ng/uL	0.00
5) Phenol-d5	6.78	99	41501	1.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	25798	1.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	33112	1.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	36163	1.57	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	16239	1.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	17663	1.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	36166	1.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	30951	1.31	ng/ul	-0.02
43) Dimethylphthalate-d6	13.64	166	116168	1.65	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	146088	1.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	19605	1.77	ng/ul	0.00
57) Fluorene-d10	15.23	176	110272	1.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	11055	1.09	ng/ul	0.00
70) Anthracene-d10	17.08	188	180601m	1.92	ng/ul	0.00
78) Pyrene-d10	19.40	212	180507	1.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	132130	1.67	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	1427972	19.151	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	979130	17.934	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	190817	2.647	ng/ul	96
47) Acenaphthylene	13.95	152	4698679	55.434	ng/ul	98
49) Acenaphthene	14.29	153	290378	5.018	ng/ul	98
53) Dibenzofuran	14.63	168	220622	2.648	ng/ul#	82
58) Fluorene	15.28	166	1314205	20.215	ng/ul	99
69) Phenanthrene	17.03	178	5253897	47.999	ng/ul	98
71) Anthracene	17.12	178	3621904	32.482	ng/ul	99
76) Fluoranthene	19.06	202	10290035	84.755	ng/ul	100
79) Pyrene	19.43	202	12387297	106.002	ng/ul	99
82) Benzo(a)anthracene	21.20	228	6568384m	58.174	ng/ul	
84) Chrysene	21.26	228	6051144	57.746	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	7612894	74.586	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	2440588m	25.036	ng/ul	
90) Benzo(a)pyrene	23.33	252	7099463	73.999	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	3996394	37.676	ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	1099338m	12.212	ng/ul	
93) Benzo(g,h,i)perylene	26.27	276	3729411	42.521	ng/ul	96

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

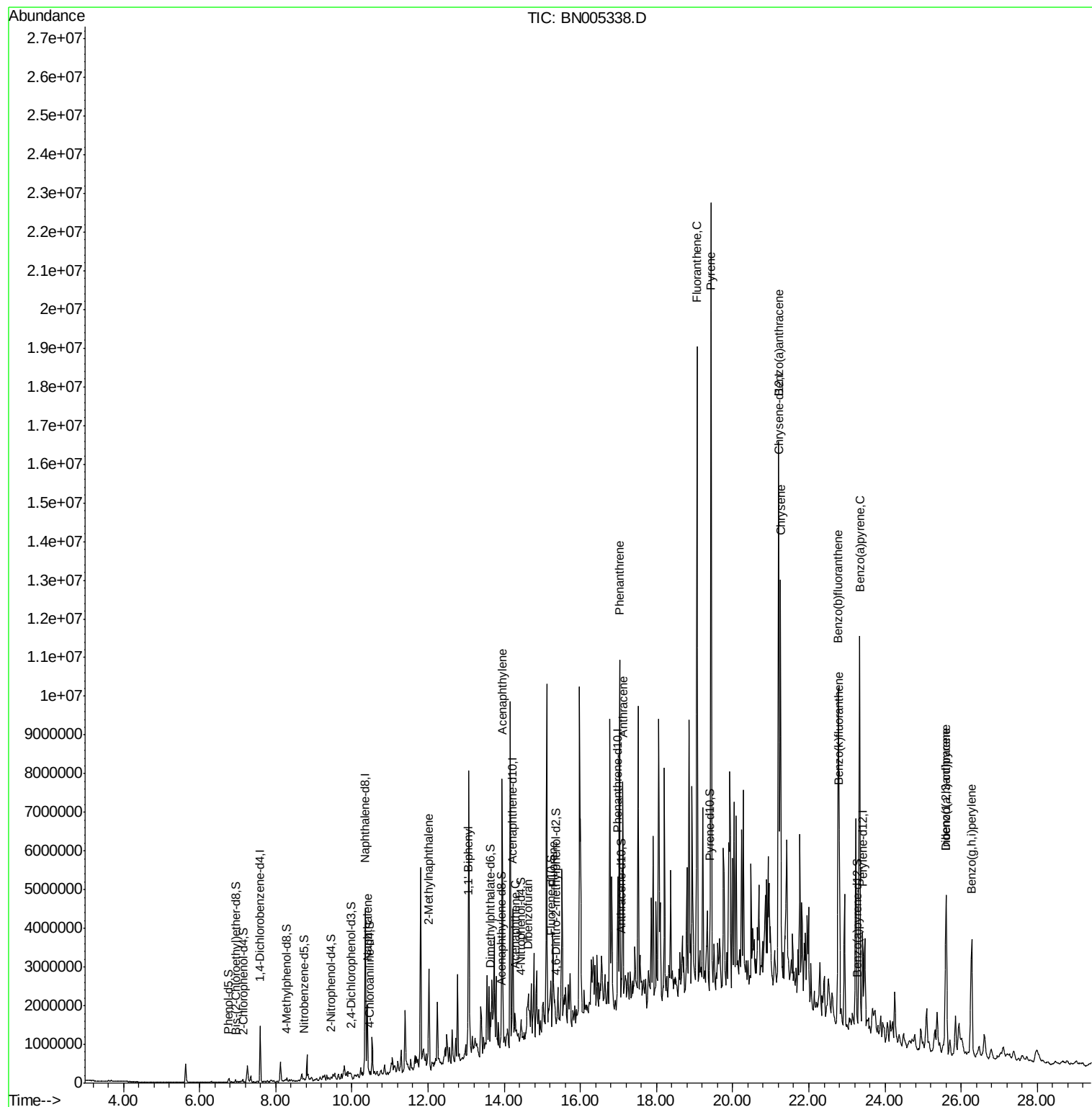
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

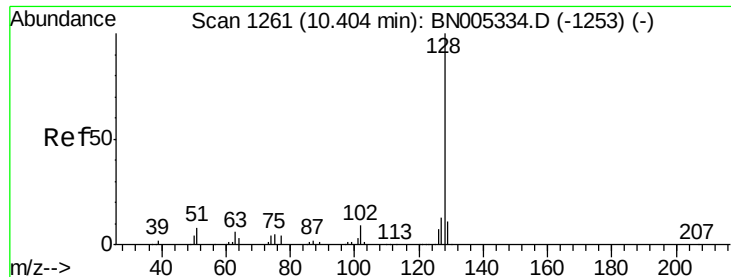
Instrument :
BNA_N
ClientSampleID :
GAHX7

Quant Time: Apr 27 05:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration

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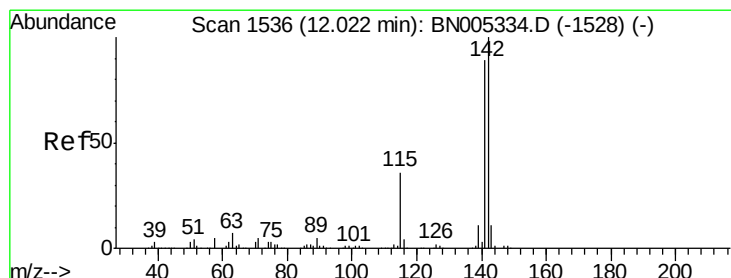
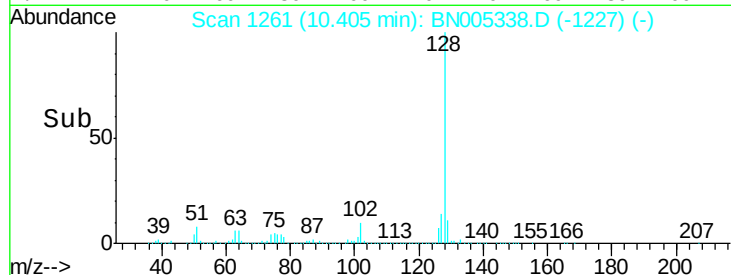
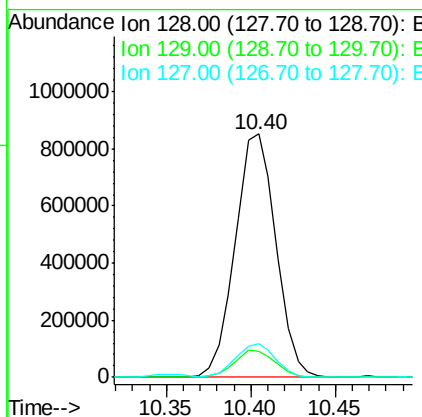
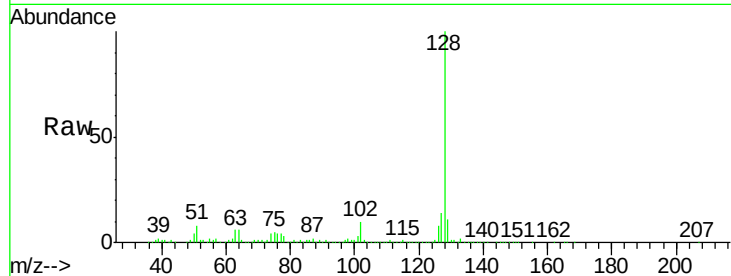
#28
Naphthalene
Concen: 19.151 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BN005338.D
Acq: 27 Apr 2019 03:58

Instrument :
BNA_N
ClientSampled :
GAHX7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.6	10.7	16.1

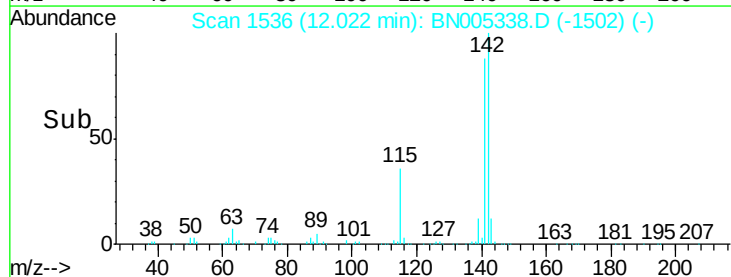
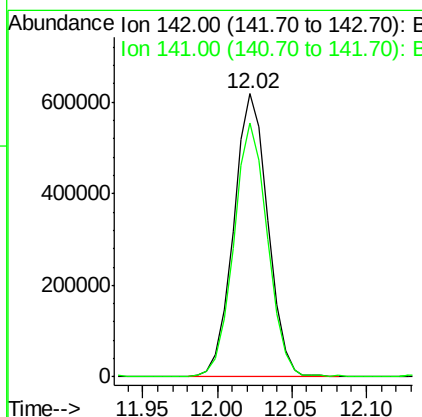
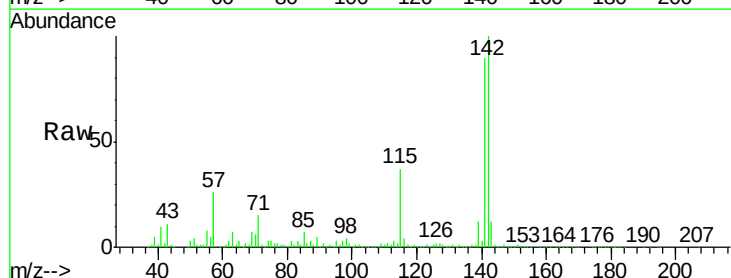
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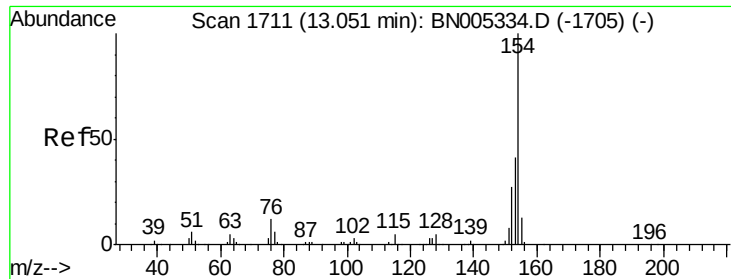
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#34
2-Methylnaphthalene
Concen: 17.934 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BN005338.D
Acq: 27 Apr 2019 03:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.0	108.0





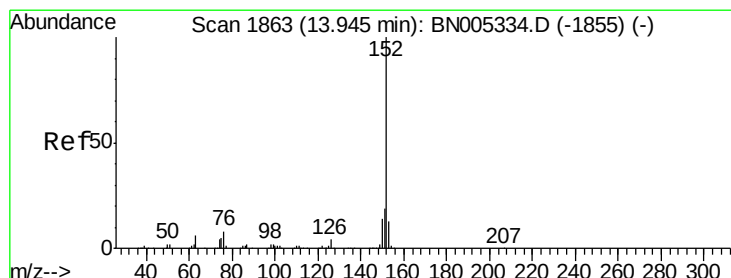
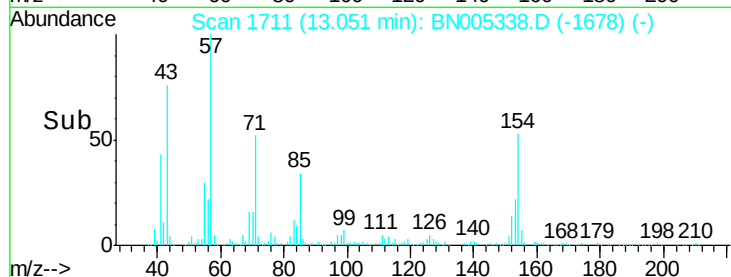
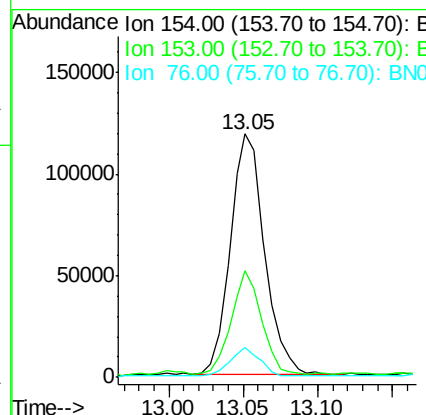
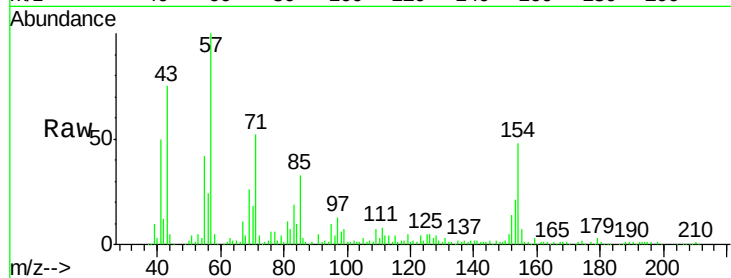
#40
 1,1'-Biphenyl
 Concen: 2.647 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	154	Resp:	190817
Ion Ratio		Lower	Upper
154	100		
153	43.6	32.6	49.0
76	12.5	10.4	15.6

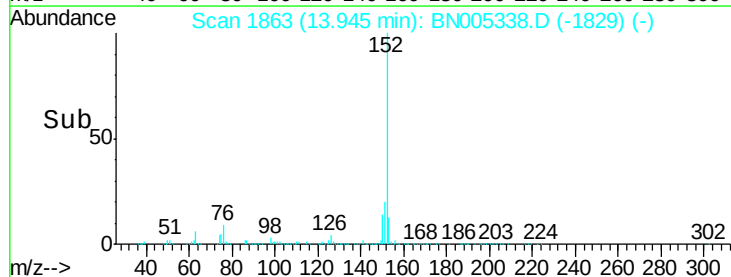
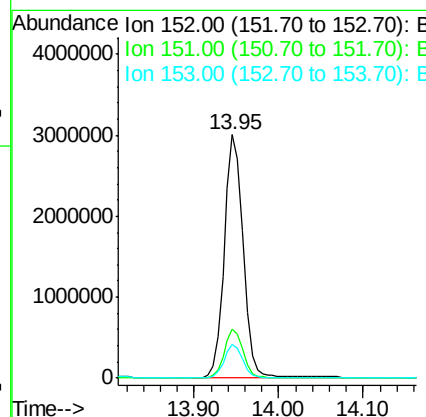
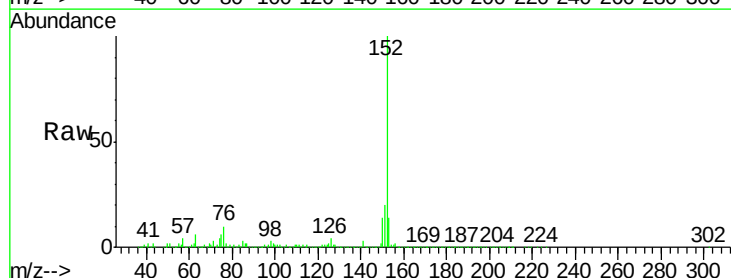
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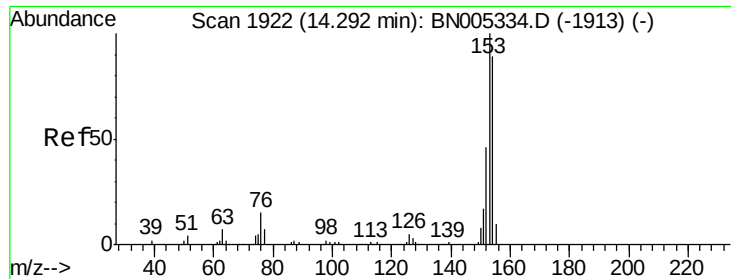
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#47
 Acenaphthylene
 Concen: 55.434 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Tgt Ion:	152	Resp:	4698679
Ion Ratio		Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.6	9.8	14.8





#49

Acenaphthene

Concen: 5.018 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BN005338.D

Acq: 27 Apr 2019 03:58

Instrument :

BNA_N

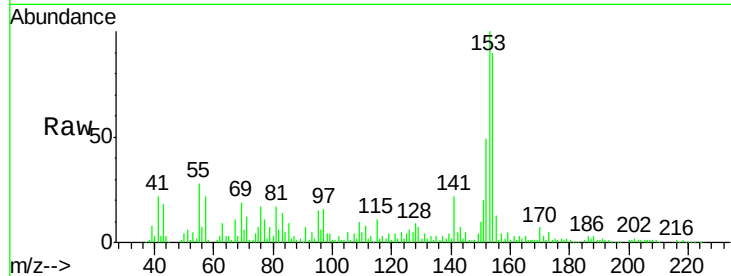
ClientSampled :

GAHX7

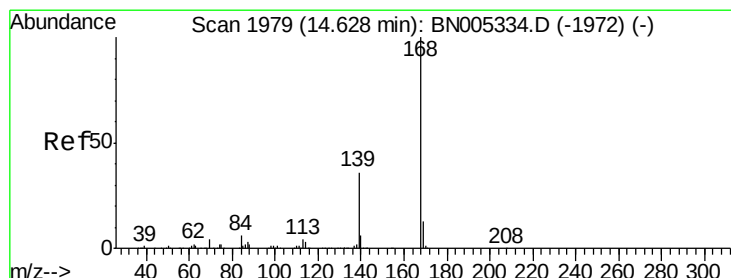
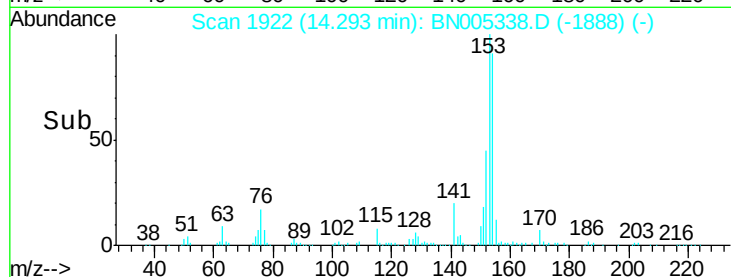
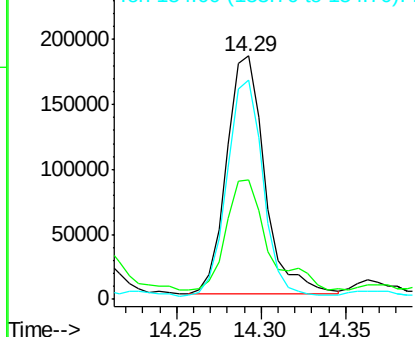
Tgt Ion:	153	Resp:	290378
Ion Ratio		Lower	Upper
153	100		
152	49.1	37.4	56.0
154	90.2	71.2	106.8

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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



#53

Dibenzofuran

Concen: 2.648 ng/ul

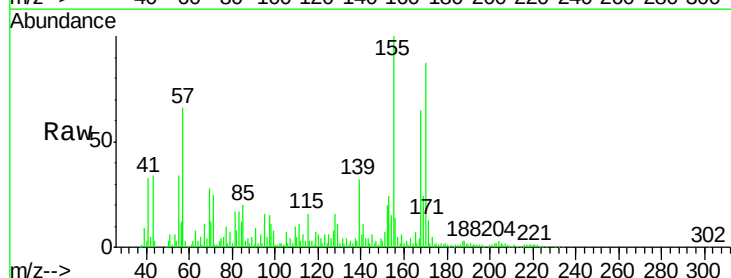
RT: 14.63 min Scan# 1979

Delta R.T. 0.00 min

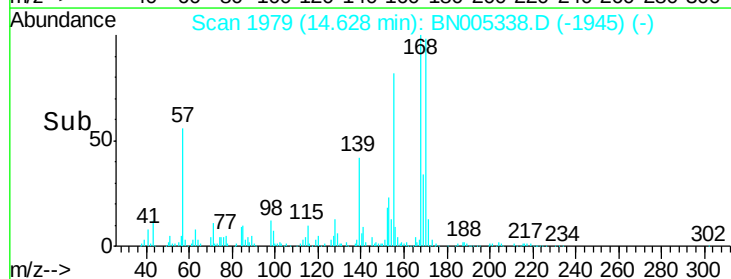
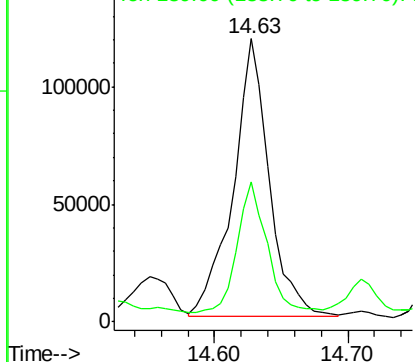
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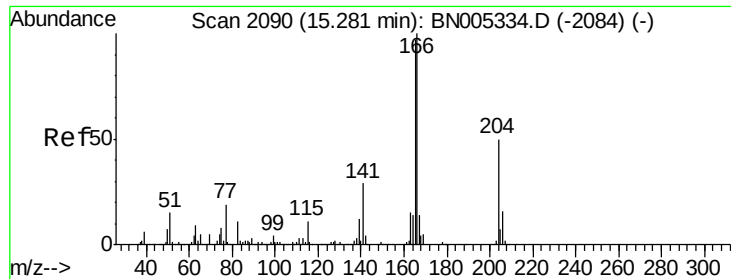
Acq: 27 Apr 2019 03:58

Tgt Ion:	168	Resp:	220622
Ion Ratio		Lower	Upper
168	100		
139	49.5	30.9	46.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





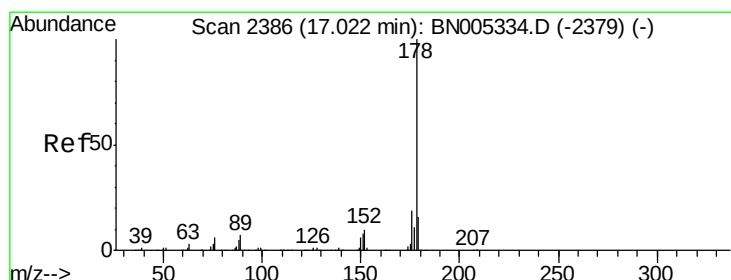
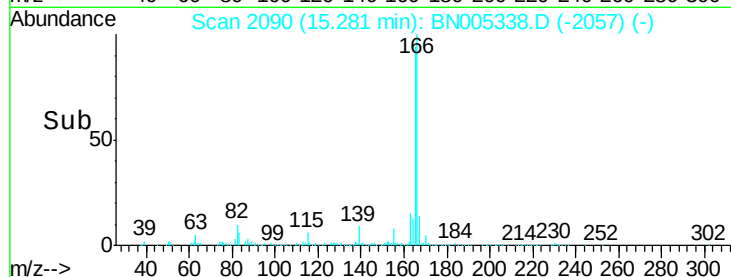
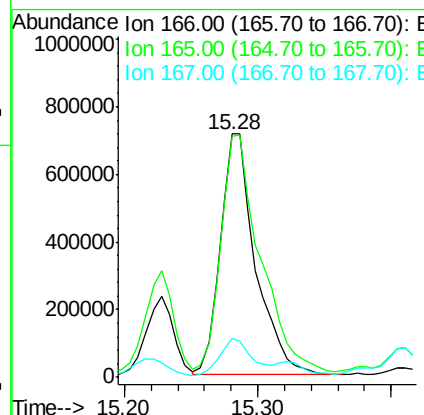
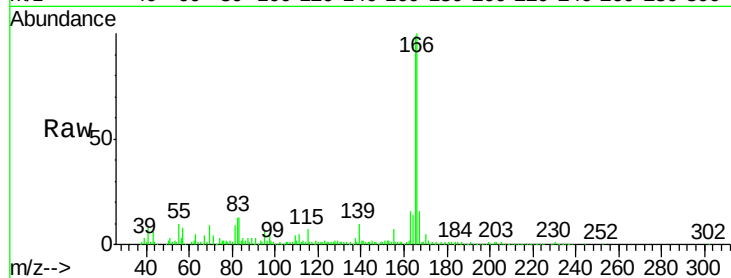
#58
 Fluorene
 Concen: 20.215 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Instrument :
 BNA_N
 ClientSampled :
 GAHX7

Tgt Ion:166 Resp: 1314205
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.0 120.0
 167 15.9 10.7 16.1

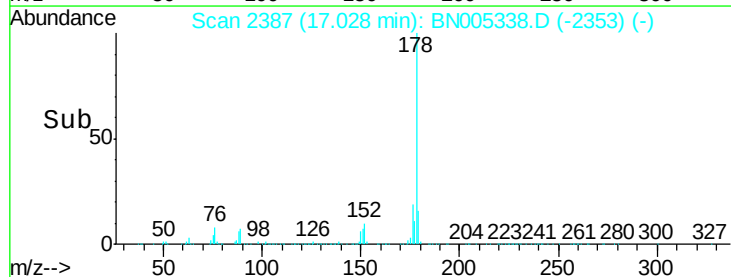
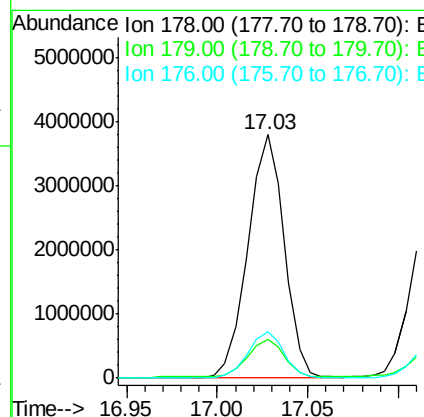
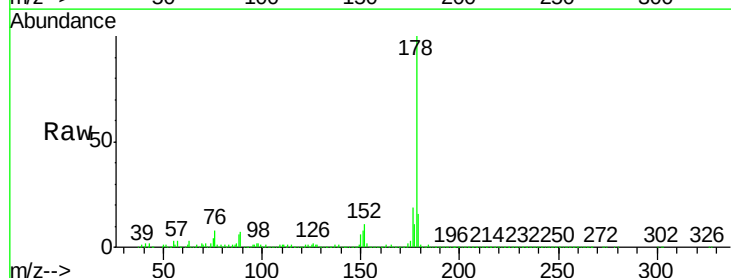
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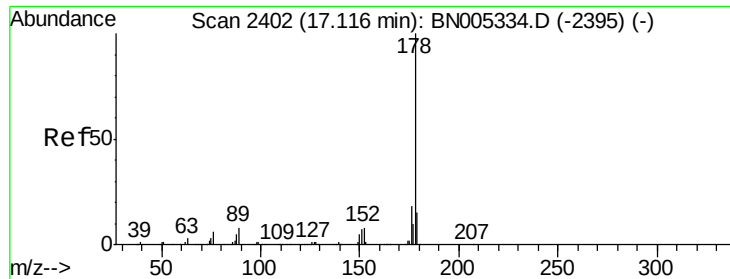
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#69
 Phenanthrene
 Concen: 47.999 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Tgt Ion:178 Resp: 5253897
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.2 18.4
 176 19.4 15.1 22.7





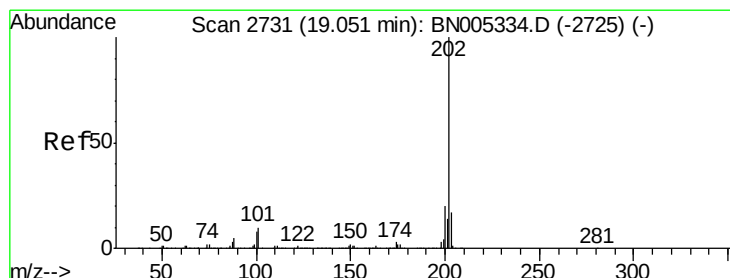
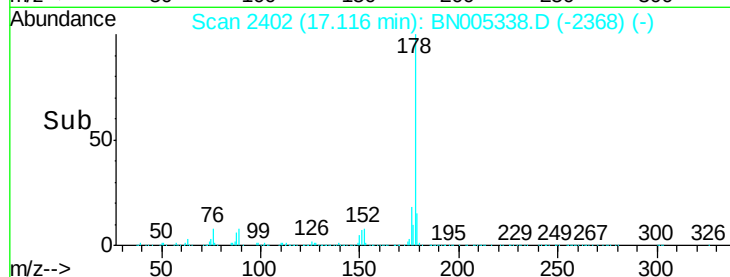
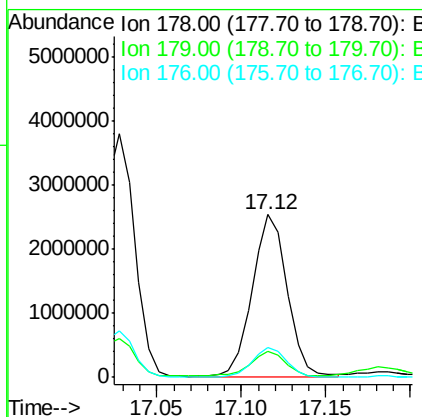
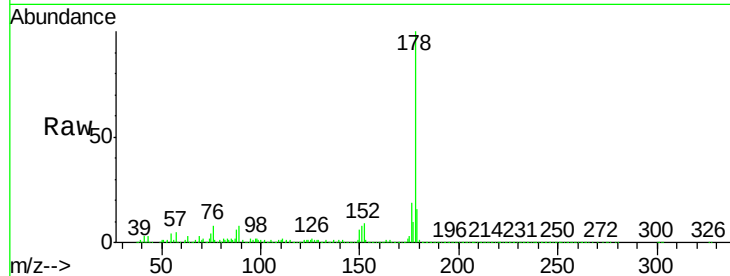
#71
 Anthracene
 Concen: 32.482 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Instrument :
 BNA_N
 ClientSampled :
 GAHX7

Tgt Ion:178 Resp: 3621904
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 18.5 15.1 22.7

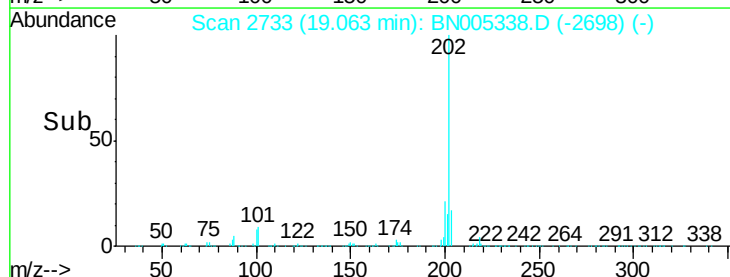
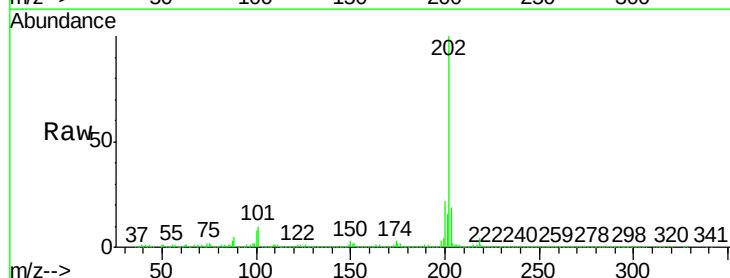
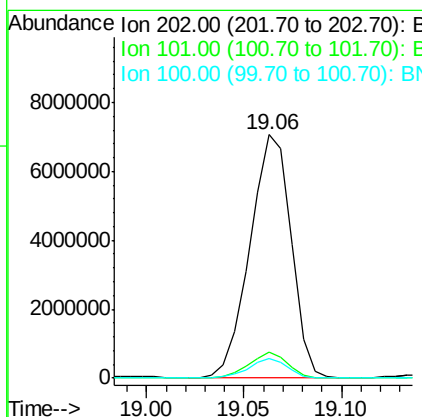
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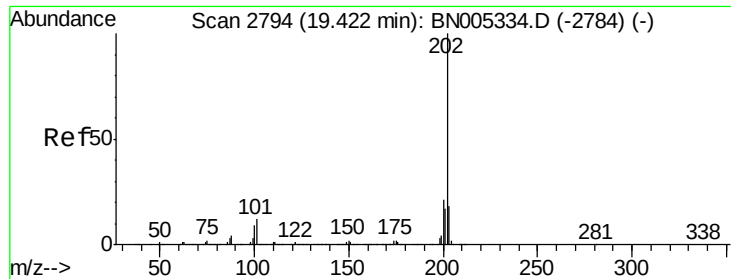
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#76
 Fluoranthene
 Concen: 84.755 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Tgt Ion:202 Resp:10290035
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.6 12.8
 100 8.0 6.3 9.5





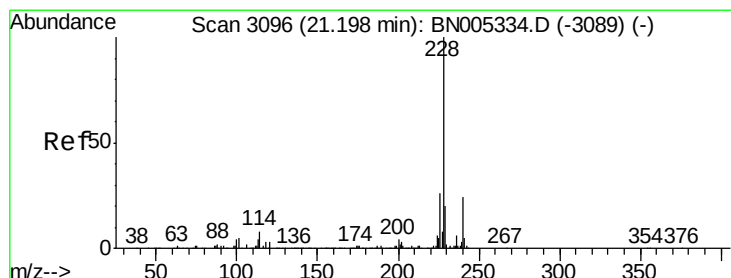
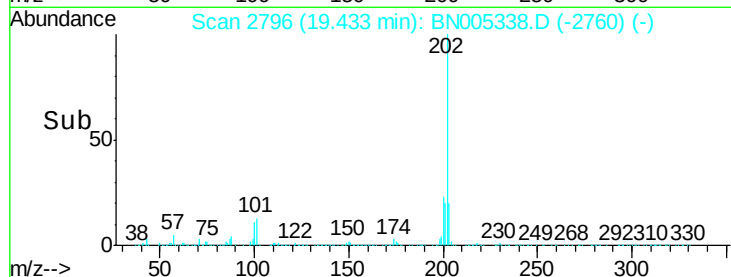
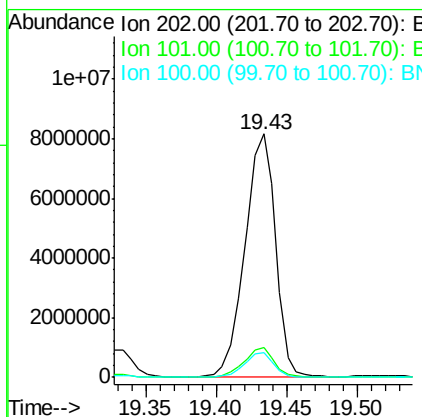
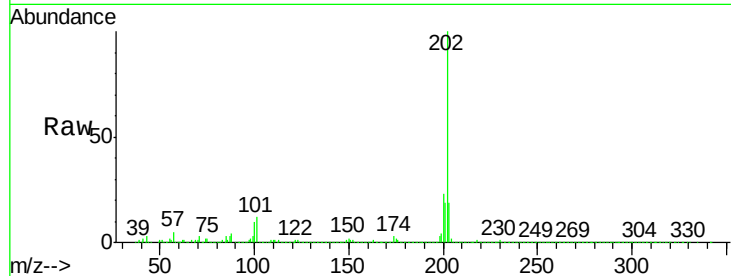
#79
 Pyrene
 Concen: 106.002 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Instrument :
 BNA_N
 ClientSampled :
 GAHX7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.3	15.5
100	10.0	7.9	11.9

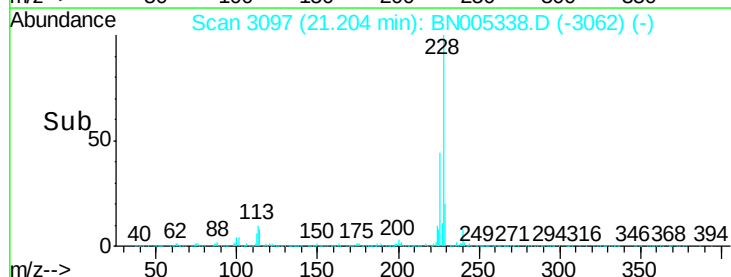
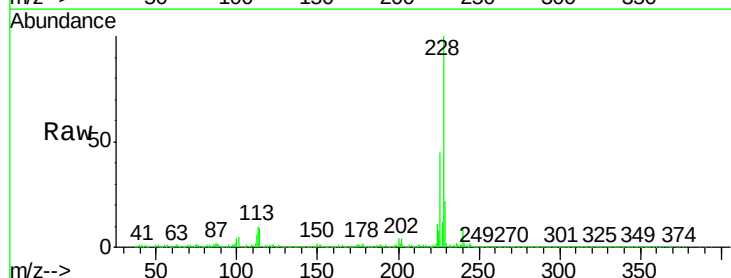
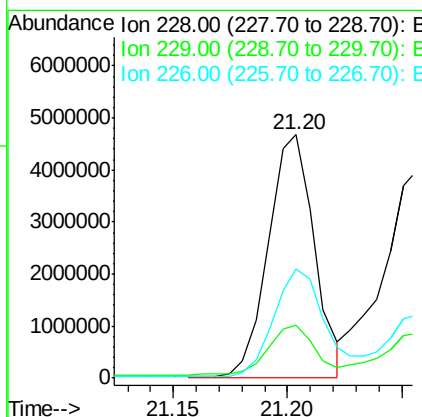
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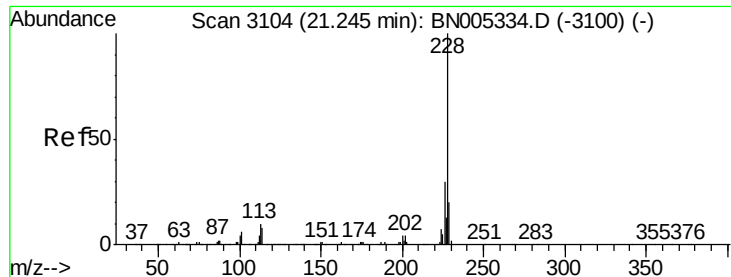
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#82
 Benzo(a)anthracene
 Concen: 58.174 ng/ul m
 RT: 21.20 min Scan# 3097
 Delta R.T. 0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	45.1	21.4	32.2#





#84

Chrysene

Concen: 57.746 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BN005338.D

Acq: 27 Apr 2019 03:58

Instrument :

BNA_N

ClientSampleId :

GAHX7

Tgt Ion:228 Resp: 6051144

Ion Ratio Lower Upper

228 100

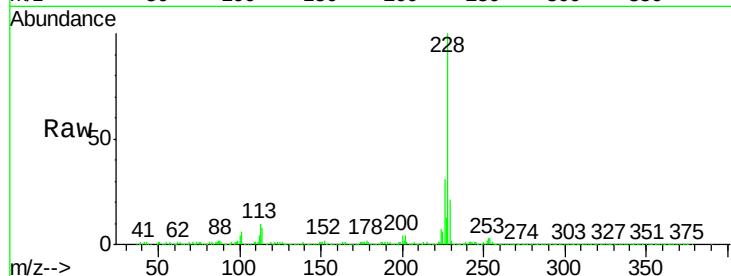
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229 21.2 15.4 23.0

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Sohil

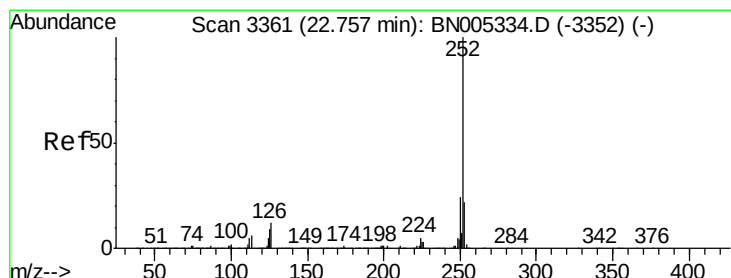
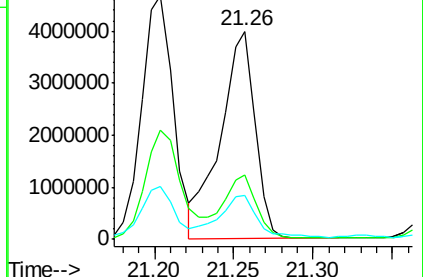
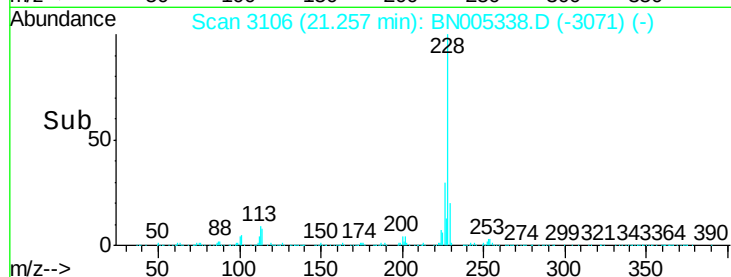
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 74.586 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN005338.D

Acq: 27 Apr 2019 03:58

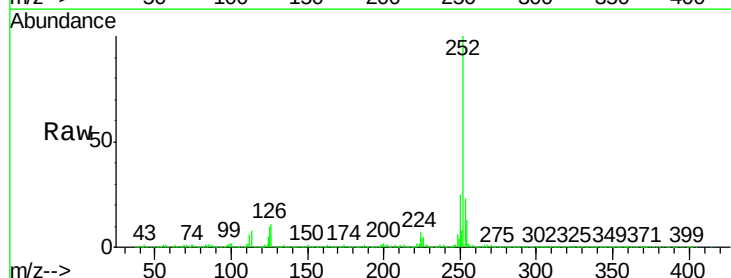
Tgt Ion:252 Resp: 7612894

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

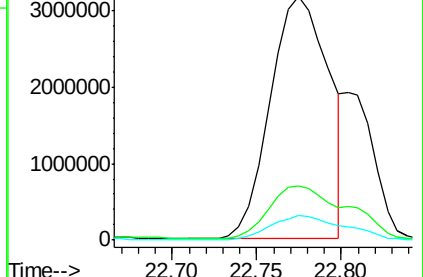
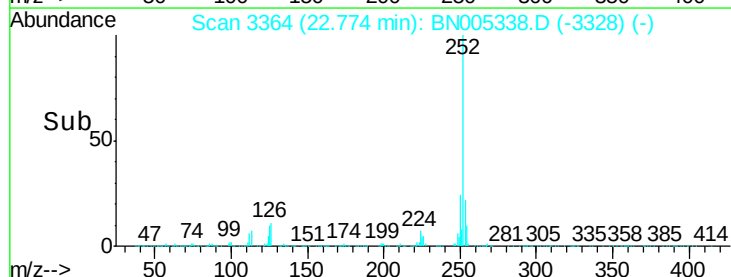
125 9.9 8.4 12.6

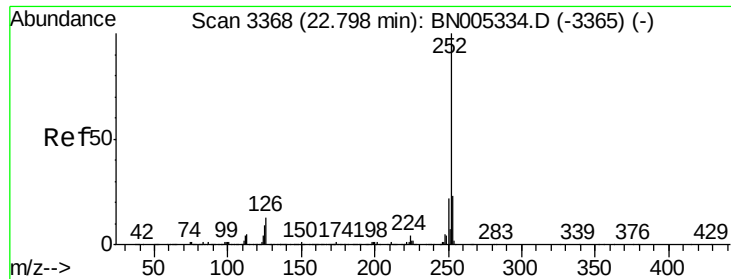


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





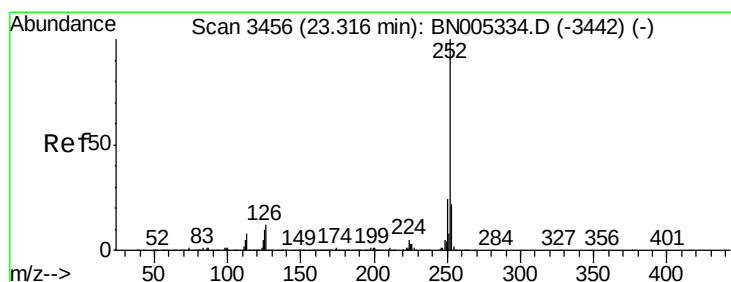
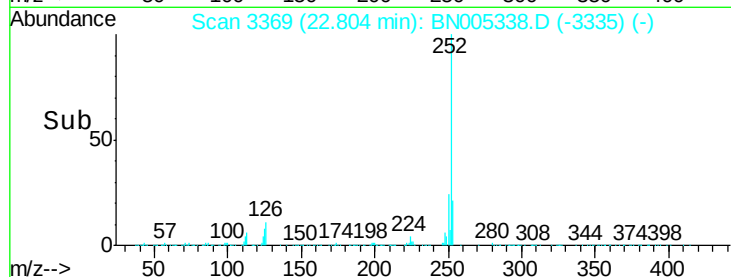
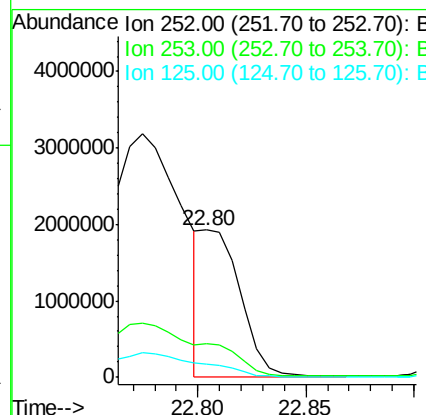
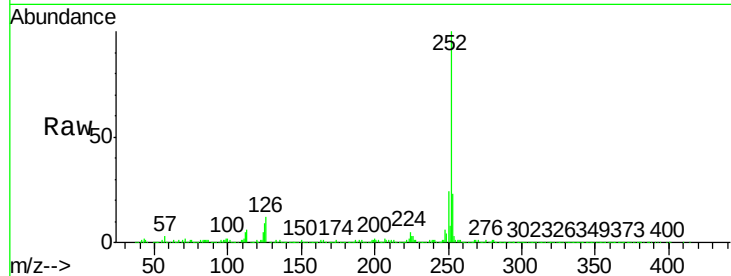
#88
Benzo(k)fluoranthene
Concen: 25.036 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BN005338.D
Acq: 27 Apr 2019 03:58

Instrument :
BNA_N
ClientSampleId :
GAHX7

Tgt Ion:252 Resp: 2440588
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 9.1 7.5 11.3

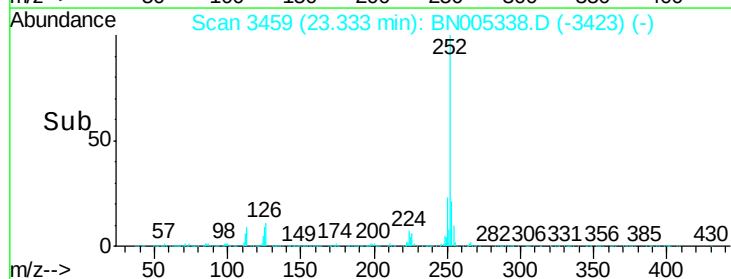
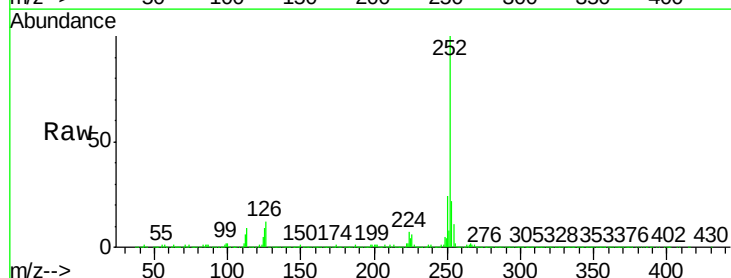
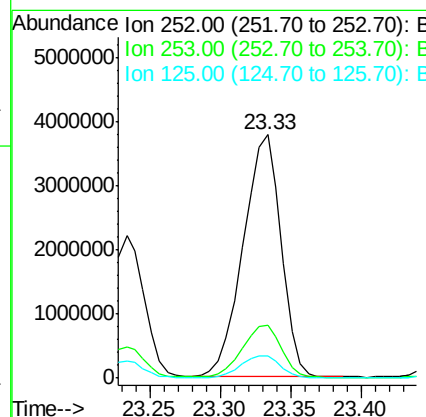
Manual Integrations
APPROVED

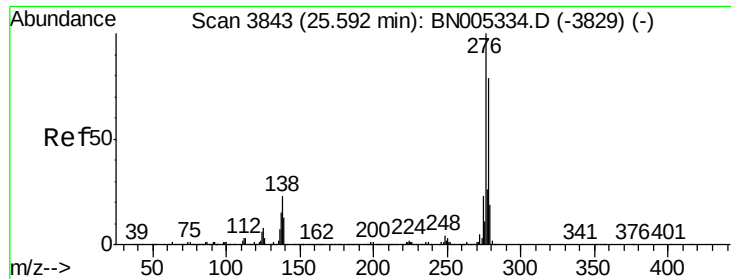
Sohil
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#90
Benzo(a)pyrene
Concen: 73.999 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN005338.D
Acq: 27 Apr 2019 03:58

Tgt Ion:252 Resp: 7099463
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.2 8.6 13.0





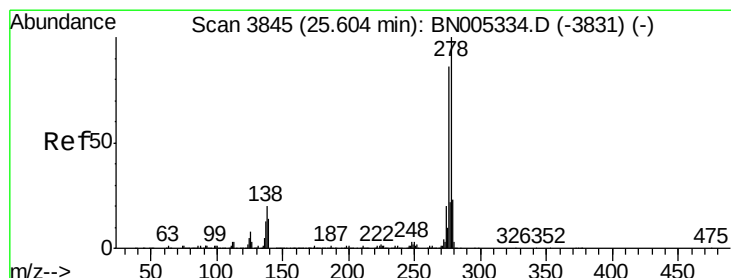
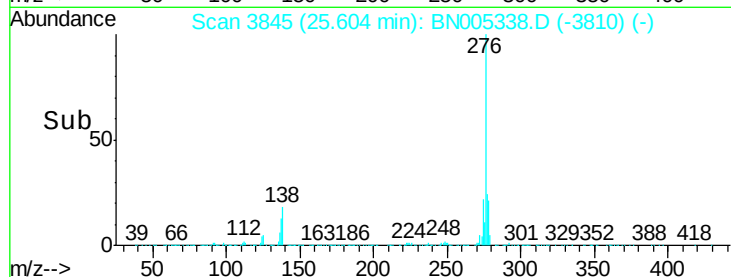
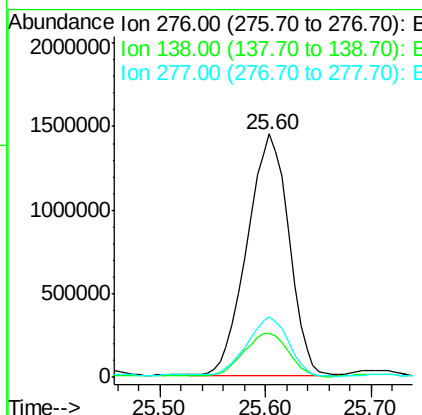
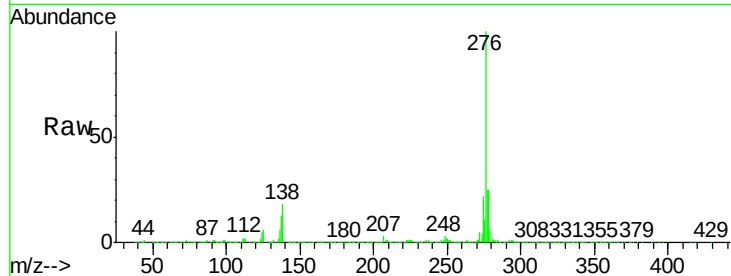
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 37.676 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. 0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Instrument :
 BNA_N
 ClientSampleId :
 GAHX7

Tgt Ion: 276 Resp: 3996394
 Ion Ratio Lower Upper
 276 100
 138 18.2 17.9 26.9
 277 24.7 19.7 29.5

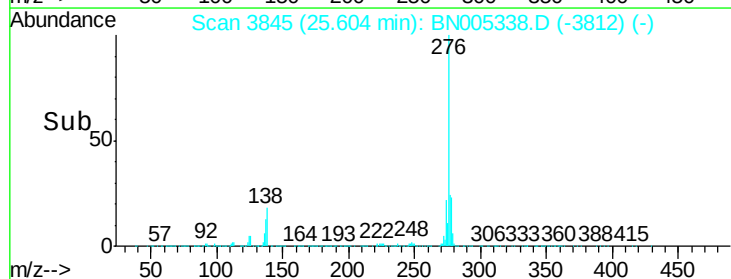
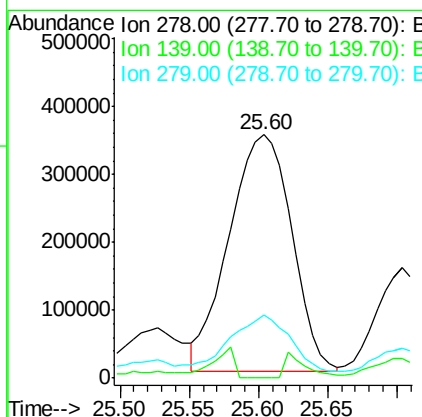
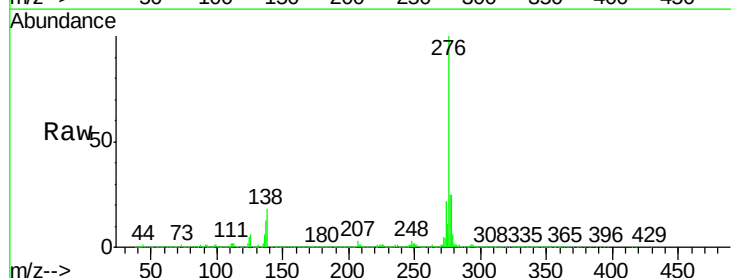
Manual Integrations
 APPROVED

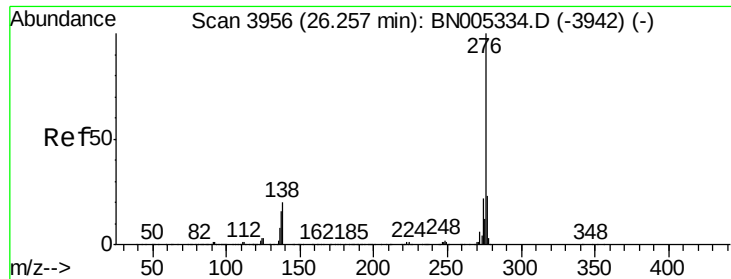
Sohil
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#92
 Dibenzo(a,h)anthracene
 Concen: 12.212 ng/ul m
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.01 min
 Lab File: BN005338.D
 Acq: 27 Apr 2019 03:58

Tgt Ion: 278 Resp: 1099338
 Ion Ratio Lower Upper
 278 100
 139 0.0 13.1 19.7#
 279 25.7 19.4 29.0





#93

Benzo(g,h,i)perylene

Concen: 42.521 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.02 min

Lab File: BN005338.D

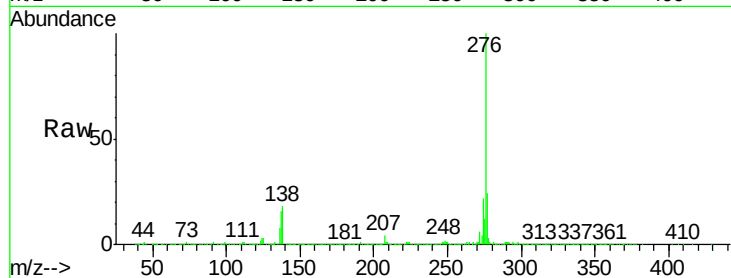
Acq: 27 Apr 2019 03:58

Instrument :

BNA_N

ClientSampleId :

GAHX7



Tgt Ion: 276 Resp: 3729411

Ion Ratio Lower Upper

276 100

138 18.1 16.7 25.1

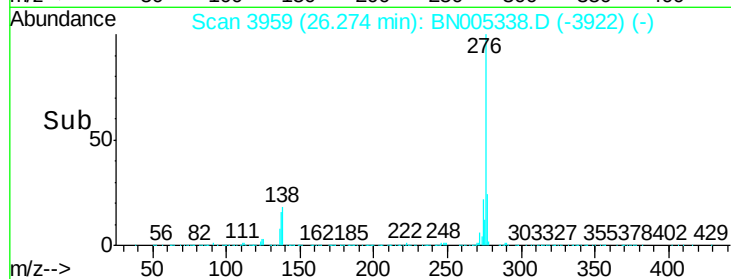
277 23.9 18.2 27.2

Manual Integrations

APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

