

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005299.D
 Acq On : 26 Apr 2019 02:26
 Operator : JU/SJ
 Sample : K2481-06 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1

Manual Integrations
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 4/26/2019 6:21:44 PM

Quant Time: Apr 26 05:04:40 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	450648	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1958496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1245493	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2847732	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2916362	20.00	ng/ul	-0.01
85) Perylene-d12	23.43	264	3353324	20.00	ng/ul	-0.01

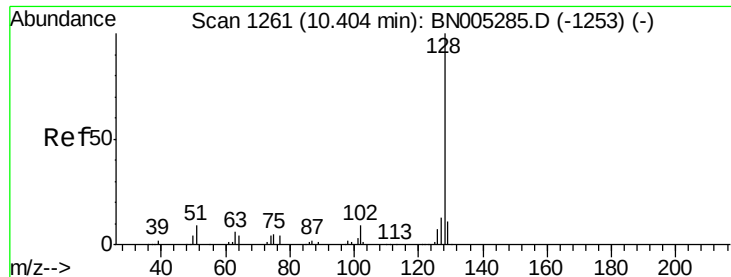
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2767m	0.30	ng/uL	0.00
5) Phenol-d5	6.78	99	50359	1.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	38612	1.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	41899	1.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	39022	1.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	32995	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	25436	2.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	43486	1.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	91088	3.15	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	206004	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	229610	2.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	26120	1.83	ng/ul	0.01
57) Fluorene-d10	15.23	176	179522	2.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	13516	1.06	ng/ul	0.00
70) Anthracene-d10	17.09	188	279373	2.34	ng/ul	0.00
78) Pyrene-d10	19.39	212	326431	2.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	337603	2.30	ng/ul	-0.02

Target Compounds

					Qvalue
28) Naphthalene	10.41	128	22589381m	248.106	ng/ul
34) 2-Methylnaphthalene	12.04	142	23655543m	354.837	ng/ul
40) 1,1'-Biphenyl	13.06	154	2786507	30.027	ng/ul 99
47) Acenaphthylene	13.96	152	10583984	96.985	ng/ul# 95
49) Acenaphthene	14.29	153	990910	13.300	ng/ul 100
53) Dibenzofuran	14.63	168	1398563	13.038	ng/ul 97
58) Fluorene	15.29	166	6094193	72.809	ng/ul 98
69) Phenanthrene	17.03	178	18139667m	130.794	ng/ul
71) Anthracene	17.12	178	5470429	38.720	ng/ul 99
76) Fluoranthene	19.06	202	5605820	36.441	ng/ul 100
79) Pyrene	19.43	202	8786753	46.794	ng/ul 99
82) Benzo(a)anthracene	21.20	228	3480661m	19.185	ng/ul
84) Chrysene	21.26	228	3001125	17.823	ng/ul 98
87) Benzo(b)fluoranthene	22.77	252	1831240	9.715	ng/ul 100
88) Benzo(k)fluoranthene	22.81	252	486093m	2.700	ng/ul
90) Benzo(a)pyrene	23.33	252	2140138	12.079	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.60	276	625107	3.191	ng/ul 98
92) Dibenzo(a,h)anthracene	25.61	278	222926	1.341	ng/ul 95
93) Benzo(g,h,i)perylene	26.26	276	534427	3.299	ng/ul 97

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



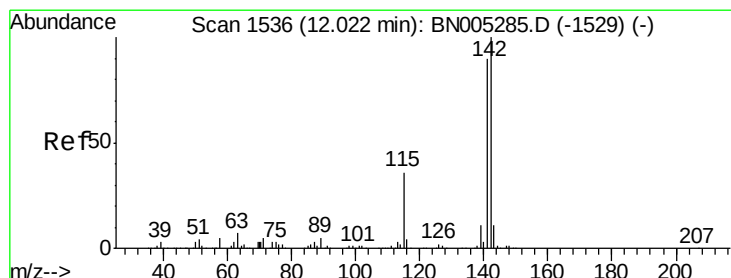
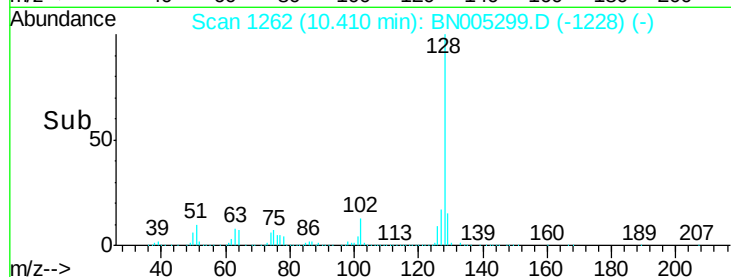
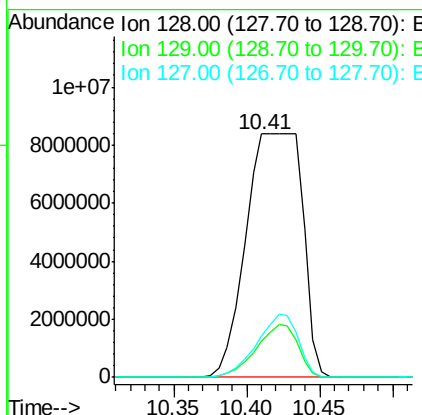
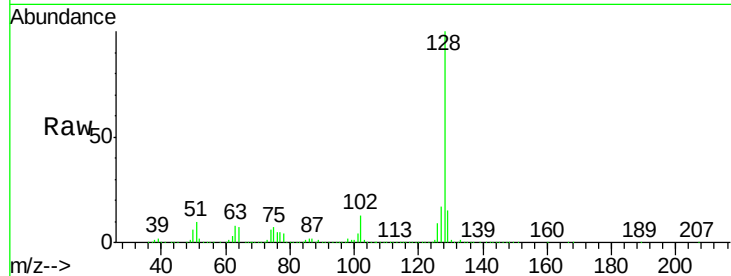
#28
Naphthalene
Concen: 248.106 ng/ul m
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN005299.D
Acq: 26 Apr 2019 02:26

Instrument :
BNA_N
ClientSampleId :
GAHW1

Tgt Ion:128 Resp:22589381
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8#
127 16.8 10.7 16.1#

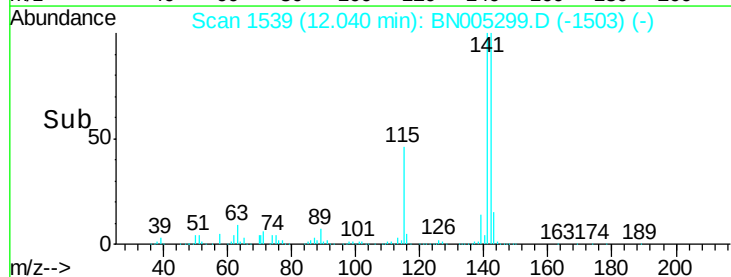
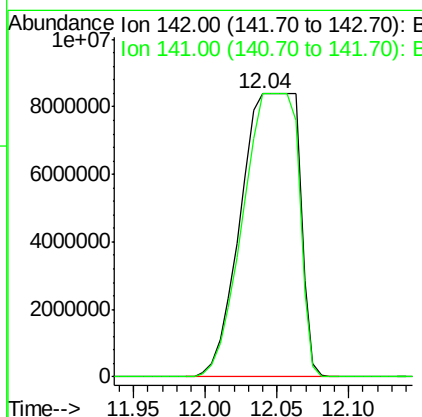
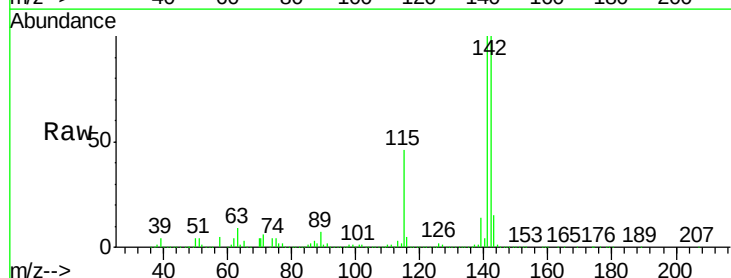
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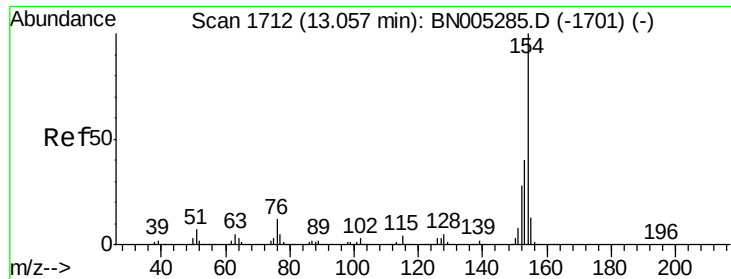
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#34
2-Methylnaphthalene
Concen: 354.837 ng/ul m
RT: 12.04 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BN005299.D
Acq: 26 Apr 2019 02:26

Tgt Ion:142 Resp:23655543
Ion Ratio Lower Upper
142 100
141 100.0 72.0 108.0





#40

1,1'-Biphenyl

Concen: 30.027 ng/ul

RT: 13.06 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BN005299.D

Acq: 26 Apr 2019 02:26

Instrument :

BNA_N

ClientSampled :

GAHW1

Tgt Ion:154 Resp: 2786507

Ion Ratio Lower Upper

154 100

153 40.3 32.6 49.0

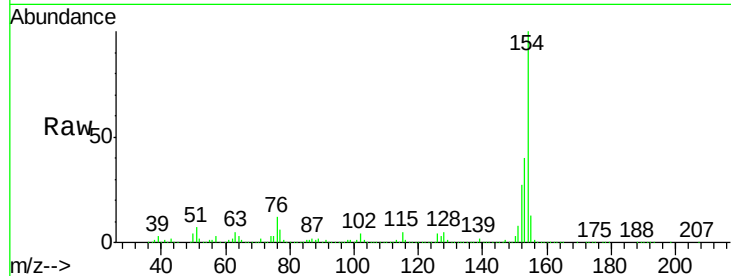
76 12.1 10.4 15.6

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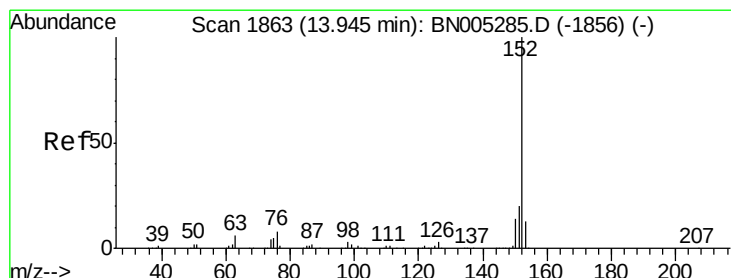
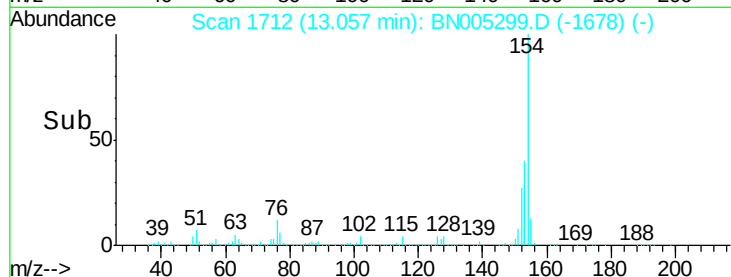
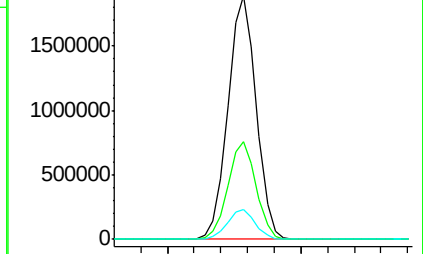
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#47

Acenaphthylene

Concen: 96.985 ng/ul

RT: 13.96 min Scan# 1865

Delta R.T. 0.01 min

Lab File: BN005299.D

Acq: 26 Apr 2019 02:26

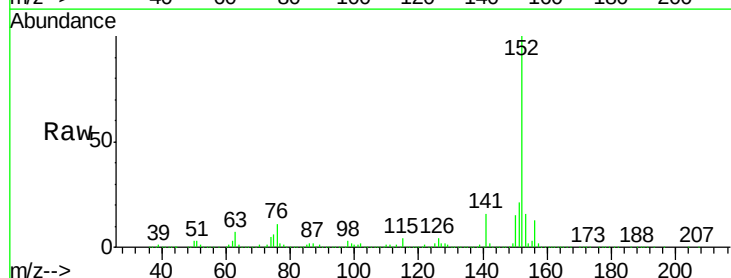
Tgt Ion:152 Resp:10583984

Ion Ratio Lower Upper

152 100

151 21.3 15.8 23.8

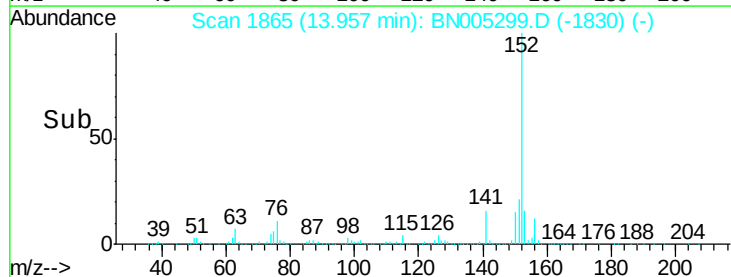
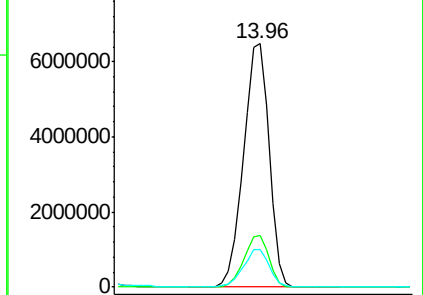
153 15.6 9.8 14.8#

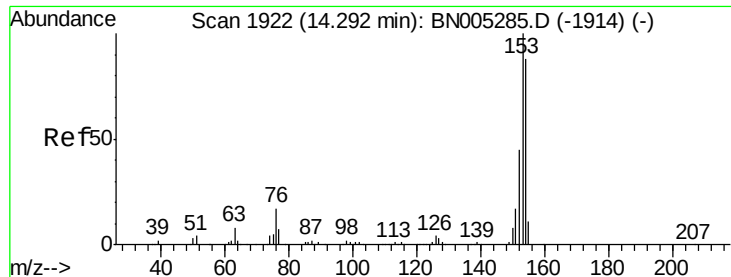


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 13.300 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005299.D

Acq: 26 Apr 2019 02:26

Instrument :

BNA_N

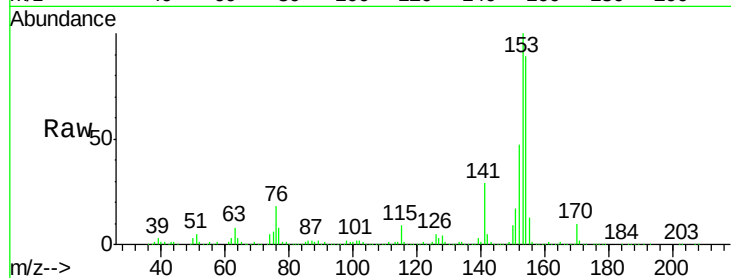
ClientSampleId :

GAHW1

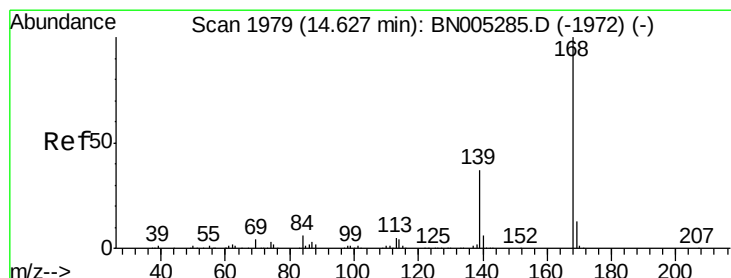
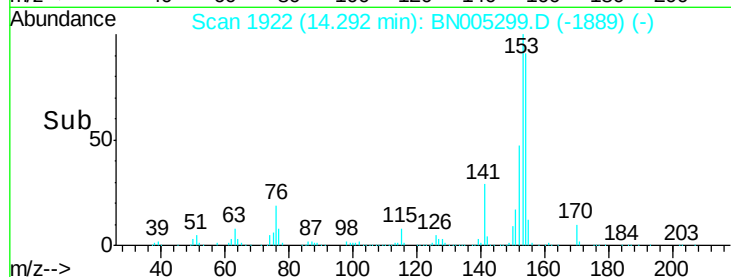
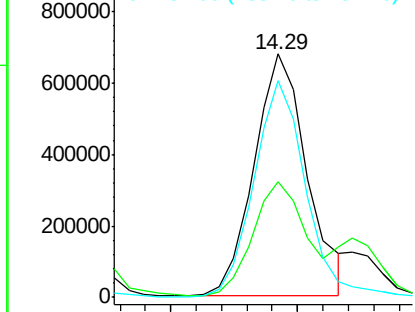
Tgt Ion:	153	Resp:	990910
Ion Ratio	Lower	Upper	
153	100		
152	47.3	37.4	56.0
154	89.2	71.2	106.8

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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: 13.038 ng/ul

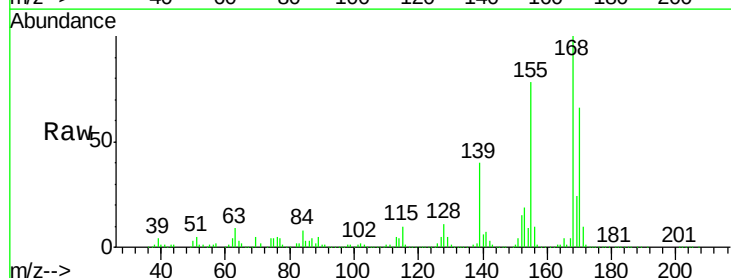
RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

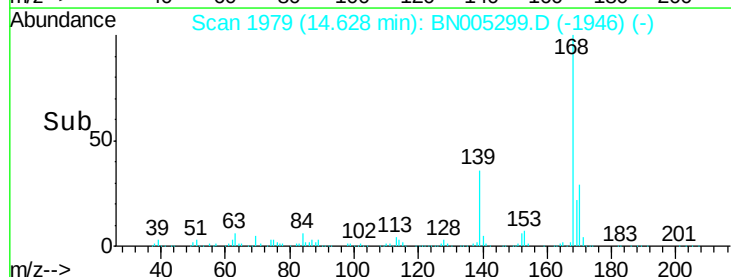
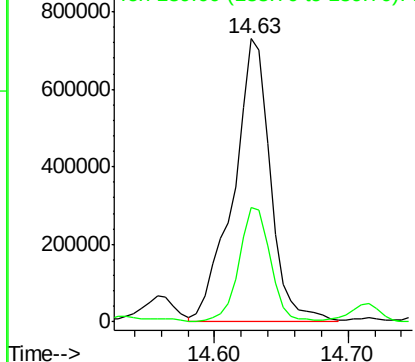
Lab File: BN005299.D

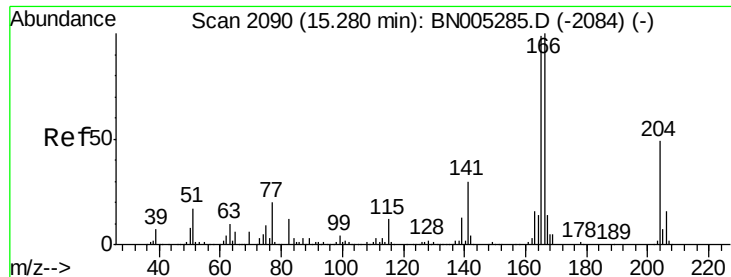
Acq: 26 Apr 2019 02:26

Tgt Ion:	168	Resp:	1398563
Ion Ratio	Lower	Upper	
168	100		
139	40.5	30.9	46.3



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





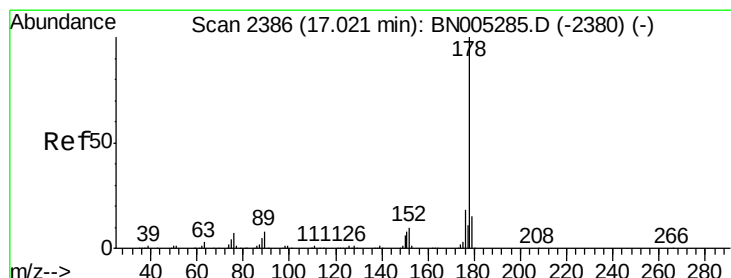
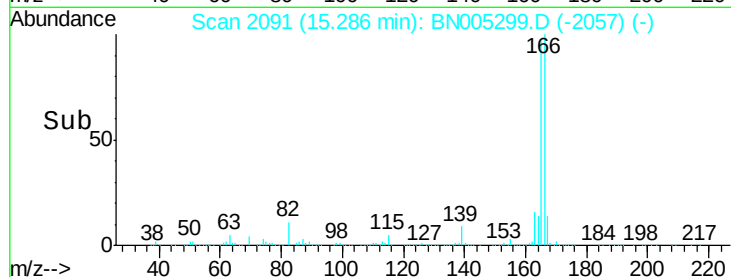
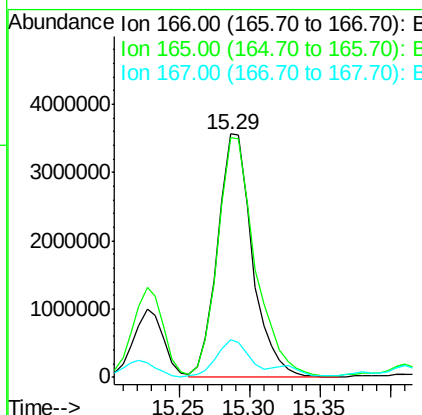
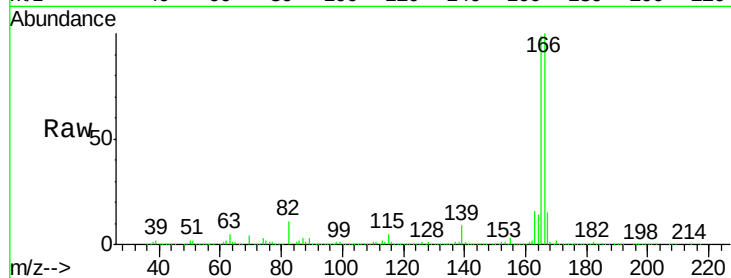
#58
 Fluorene
 Concen: 72.809 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1

Tgt Ion:166 Resp: 6094193
 Ion Ratio Lower Upper
 166 100
 165 98.7 80.0 120.0
 167 15.4 10.7 16.1

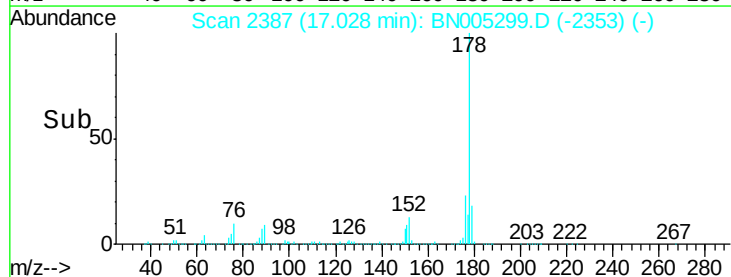
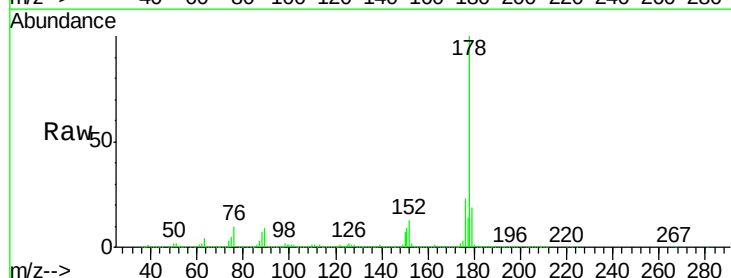
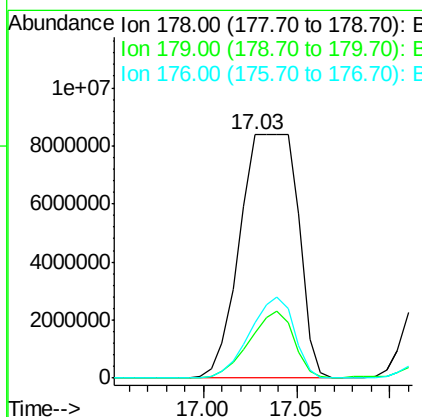
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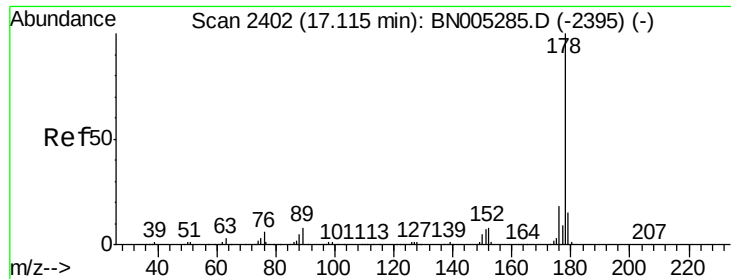
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#69
 Phenanthrene
 Concen: 130.794 ng/ul m
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Tgt Ion:178 Resp:18139667
 Ion Ratio Lower Upper
 178 100
 179 18.6 12.2 18.4#
 176 22.5 15.1 22.7





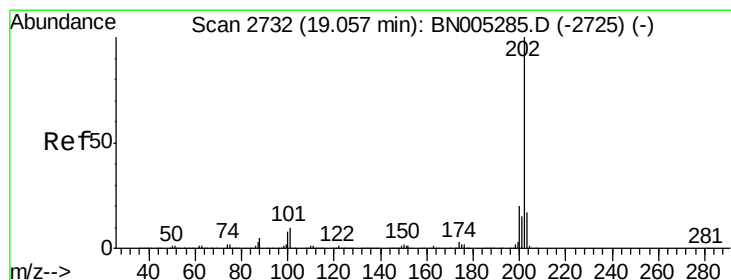
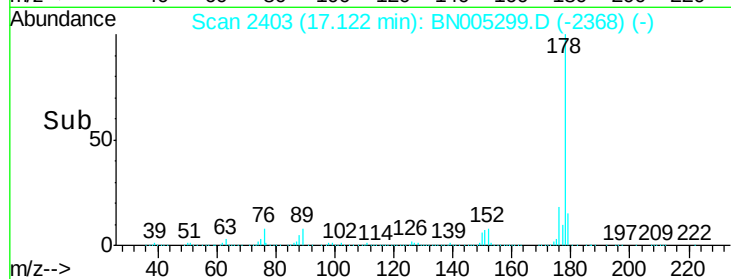
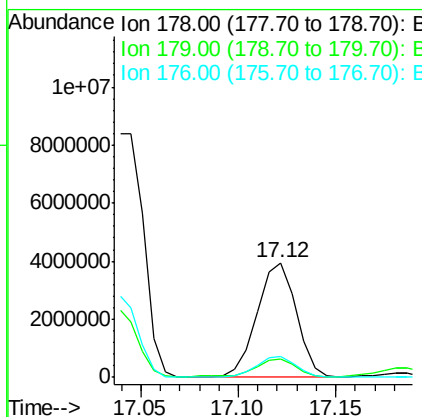
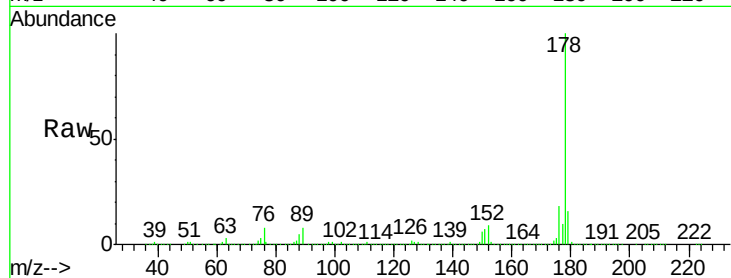
#71
 Anthracene
 Concen: 38.720 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.01 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Instrument :
 BNA_N
 ClientSampled :
 GAHW1

Tgt Ion:178 Resp: 5470429
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.2 15.1 22.7

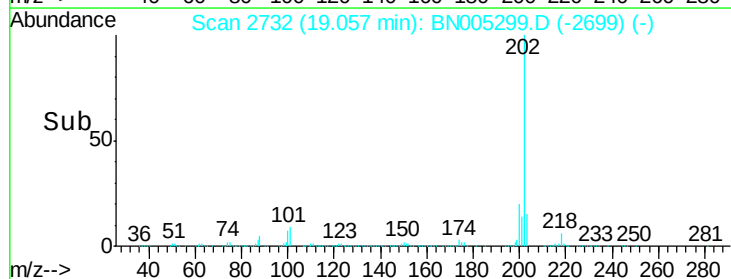
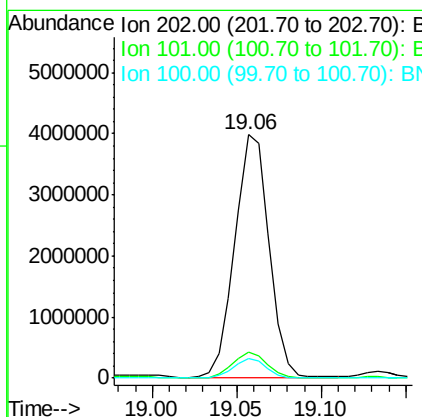
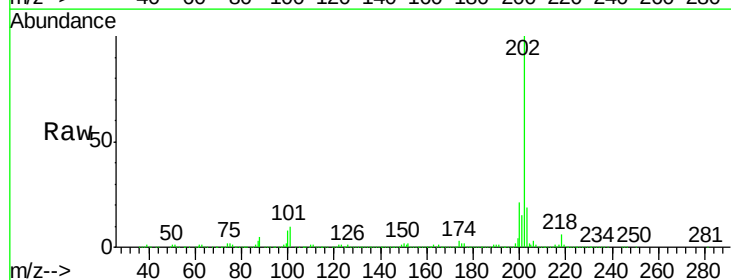
Manual Integrations
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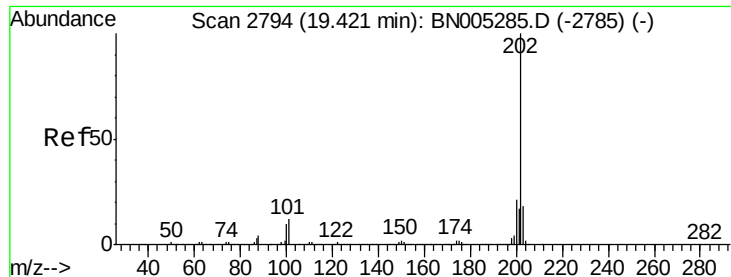
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#76
 Fluoranthene
 Concen: 36.441 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Tgt Ion:202 Resp: 5605820
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.6 12.8
 100 7.8 6.3 9.5





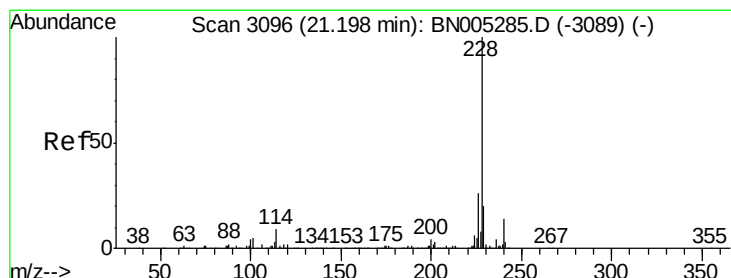
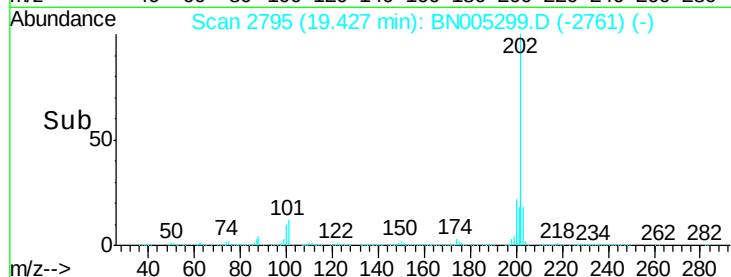
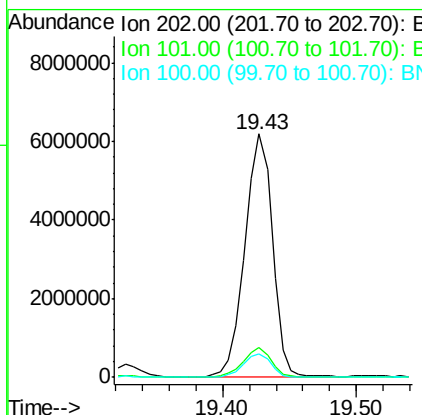
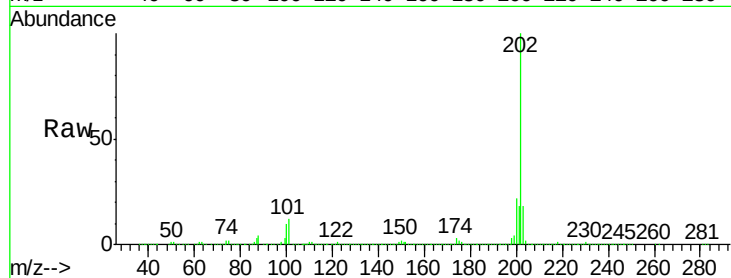
#79
 Pyrene
 Concen: 46.794 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.3	15.5
100	9.7	7.9	11.9

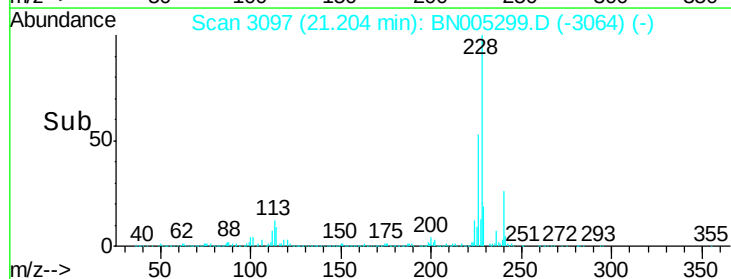
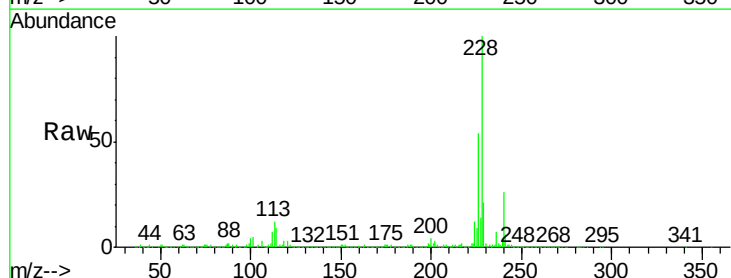
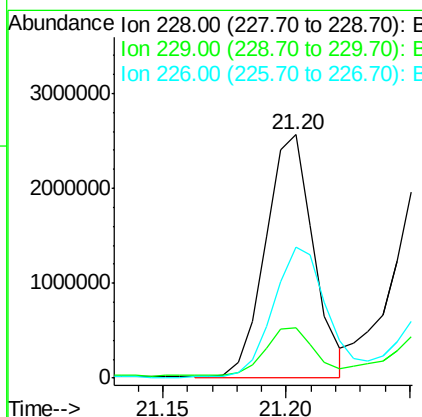
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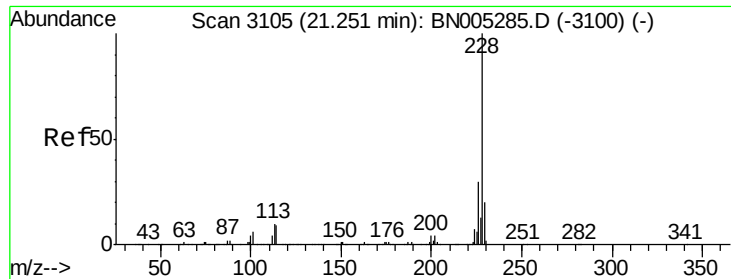
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#82
 Benzo(a)anthracene
 Concen: 19.185 ng/ul m
 RT: 21.20 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	53.8	21.4	32.2





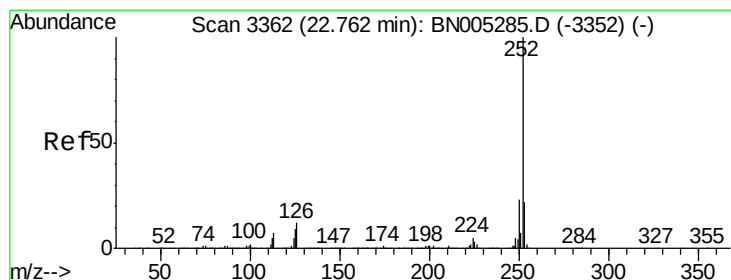
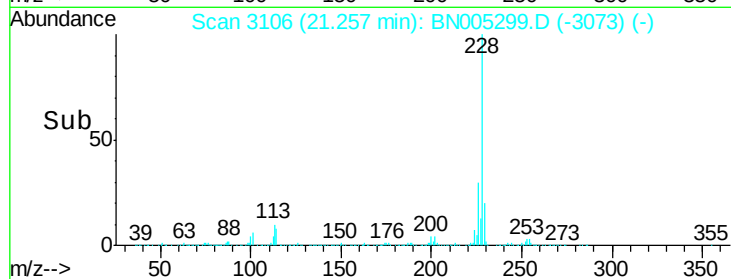
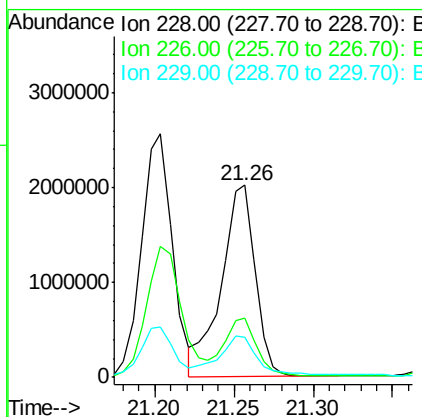
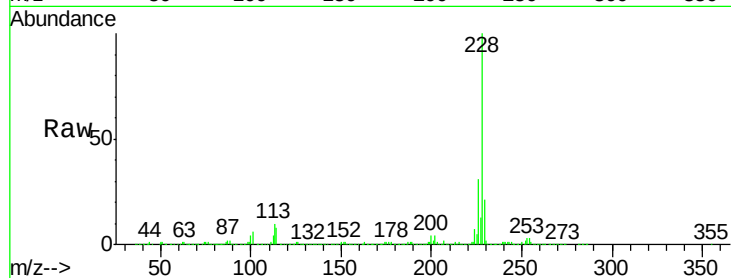
#84
Chrysene
 Concen: 17.823 ng/ul
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1

Tgt Ion: 228 Resp: 3001125
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.0 36.0
 229 20.8 15.4 23.0

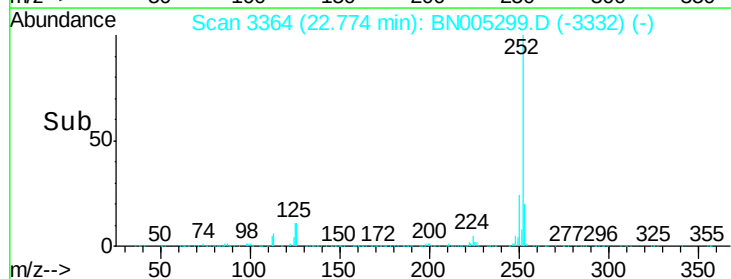
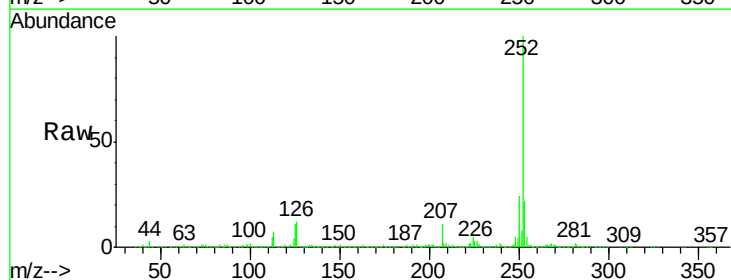
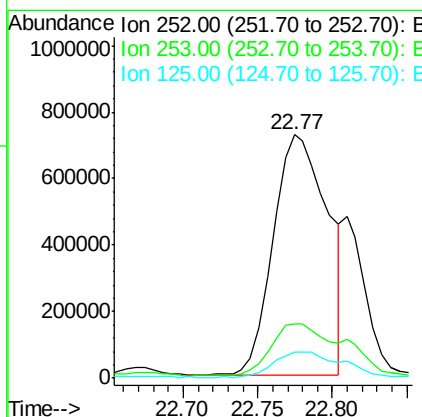
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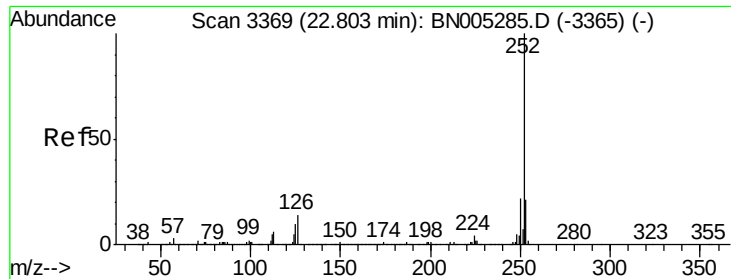
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#87
Benzo(b)fluoranthene
 Concen: 9.715 ng/ul
 RT: 22.77 min Scan# 3364
 Delta R.T. -0.01 min
 Lab File: BN005299.D
 Acq: 26 Apr 2019 02:26

Tgt Ion: 252 Resp: 1831240
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 10.9 8.4 12.6





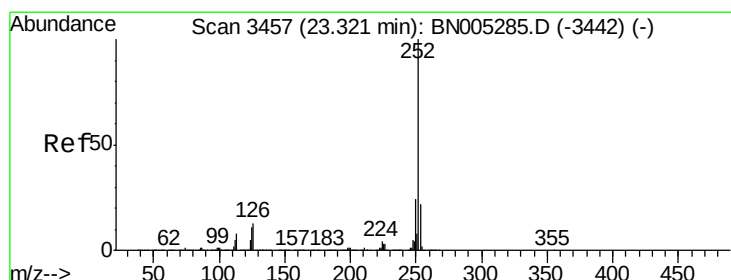
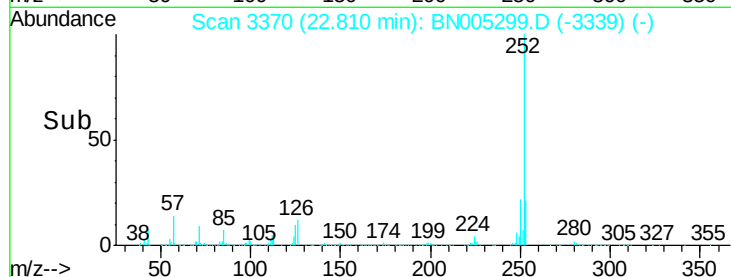
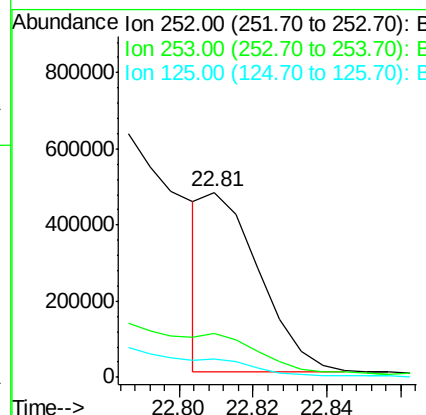
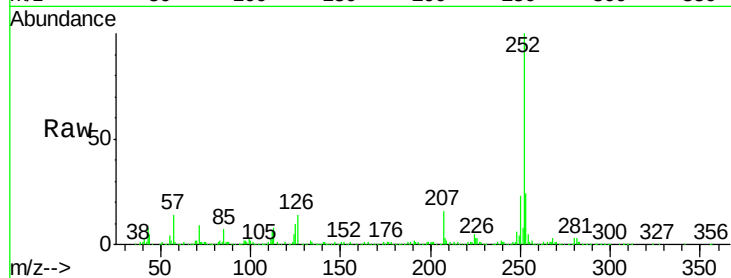
#88
Benzo(k)fluoranthene
Concen: 2.700 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BN005299.D
Acq: 26 Apr 2019 02:26

Instrument :
BNA_N
ClientSampleId :
GAHW1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	10.3	7.5	11.3

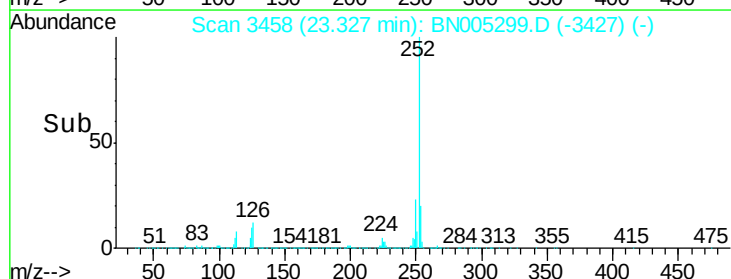
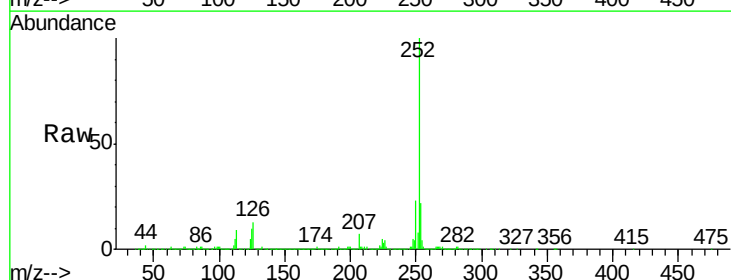
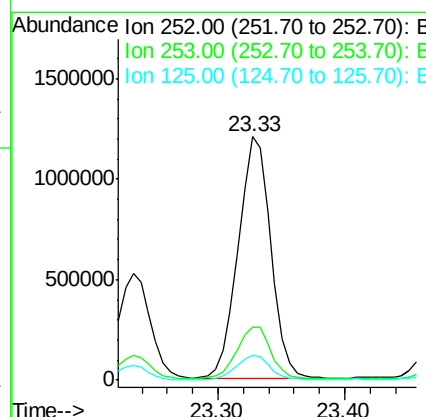
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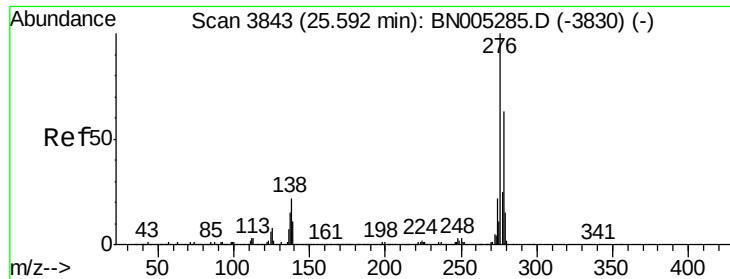
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#90
Benzo(a)pyrene
Concen: 12.079 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BN005299.D
Acq: 26 Apr 2019 02:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.1	8.6	13.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 3.191 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.03 min

Lab File: BN005299.D

Acq: 26 Apr 2019 02:26

Instrument :

BNA_N

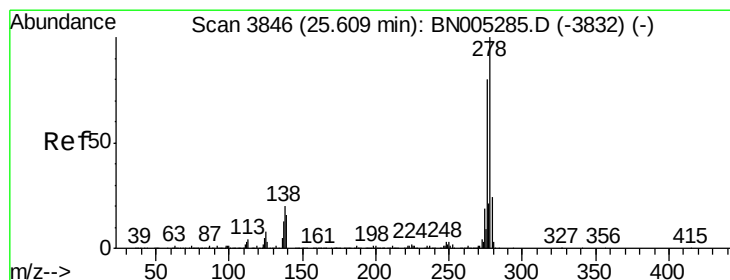
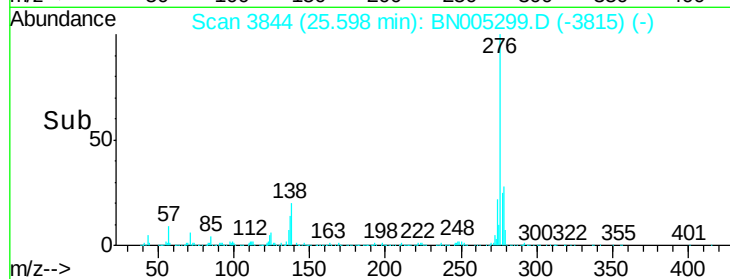
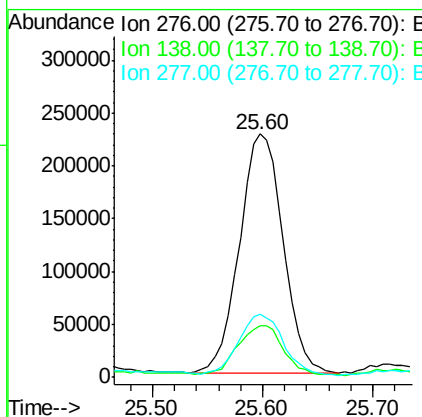
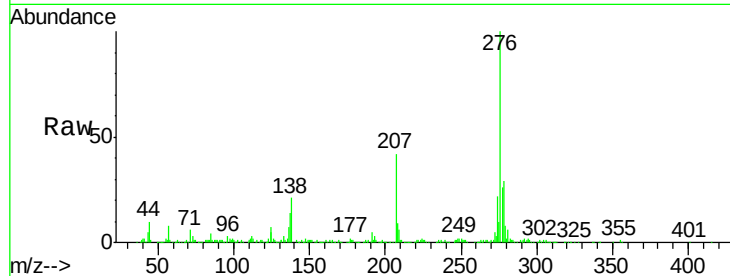
ClientSampleId :

GAHW1

Tgt Ion:	276	Resp:	625107
Ion Ratio	Lower	Upper	
276	100		
138	21.4	17.9	26.9
277	25.7	19.7	29.5

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#92

Dibenzo(a,h)anthracene

Concen: 1.341 ng/ul

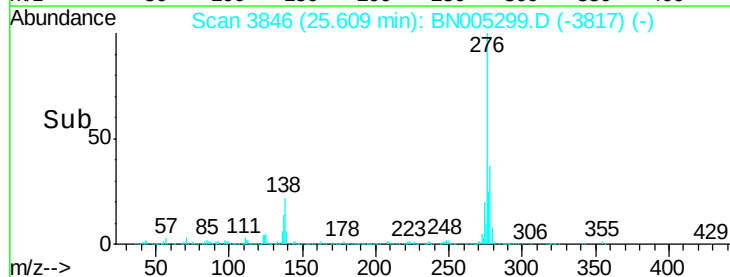
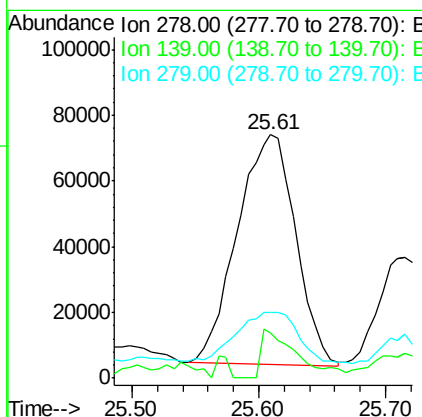
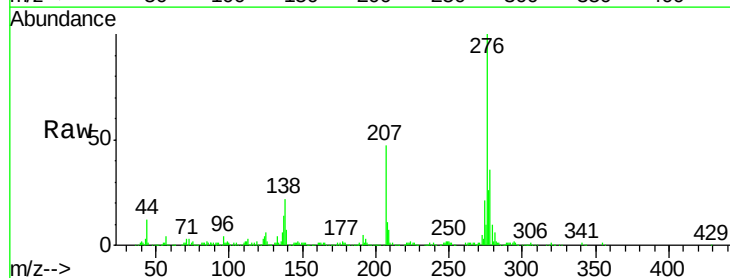
RT: 25.61 min Scan# 3846

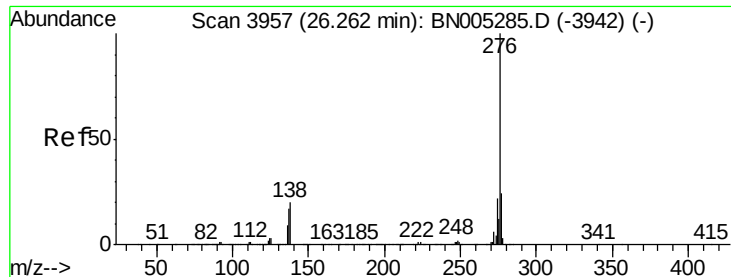
Delta R.T. -0.03 min

Lab File: BN005299.D

Acq: 26 Apr 2019 02:26

Tgt Ion:	278	Resp:	222926
Ion Ratio	Lower	Upper	
278	100		
139	18.4	13.1	19.7
279	27.2	19.4	29.0





#93

Benzo(g,h,i)perylene

Concen: 3.299 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.03 min

Lab File: BN005299.D

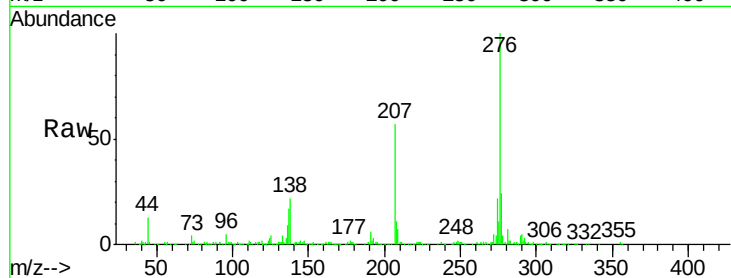
Acq: 26 Apr 2019 02:26

Instrument :

BNA_N

ClientSampleId :

GAHW1



Tgt	Ion	276	Resp	534427
	Ratio	100	Lower	Upper
	138	21.8	16.7	25.1
	277	24.3	18.2	27.2

Manual Integrations
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