

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005329.D
 Acq On : 26 Apr 2019 22:47
 Operator : JU/SJ
 Sample : K2455-11ME
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1ME

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:29 PM

Quant Time: Apr 27 01:40:05 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	417742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1767740	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1122090	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2540693	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2331113	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2142423	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	29531	3.41	ng/uL	0.00
5) Phenol-d5	6.78	99	634121	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	399788	19.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	518216	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	419224	16.35	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	299921	27.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	308679	27.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	527743	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	668898	25.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1742352	21.39	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2148601	21.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	263931	20.52	ng/ul	0.00
57) Fluorene-d10	15.23	176	1530181	22.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	218862	19.15	ng/ul	0.00
70) Anthracene-d10	17.08	188	2489607	23.37	ng/ul	0.00
78) Pyrene-d10	19.39	212	2871417	24.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2253633	24.07	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.41	128	17992232	218.939	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	21857390m	363.244	ng/ul	
40) 1,1'-Biphenyl	13.06	154	1838773	21.993	ng/ul	99
47) Acenaphthylene	13.95	152	6589664	67.024	ng/ul#	96
49) Acenaphthene	14.29	153	843087	12.561	ng/ul	98
53) Dibenzofuran	14.63	168	1132806	11.722	ng/ul	96
58) Fluorene	15.29	166	4091839	54.263	ng/ul	97
69) Phenanthrene	17.03	178	15149170m	122.432	ng/ul	
71) Anthracene	17.12	178	3237803	25.687	ng/ul	98
76) Fluoranthene	19.06	202	3382610	24.646	ng/ul	98
79) Pyrene	19.43	202	5307925	35.364	ng/ul	96
82) Benzo(a)anthracene	21.19	228	1906979m	13.150	ng/ul	
84) Chrysene	21.25	228	1606521	11.936	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	770103	6.395	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	262767m	2.285	ng/ul	
90) Benzo(a)pyrene	23.32	252	813360	7.185	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	255508	2.042	ng/ul	97
93) Benzo(g,h,i)perylene	26.25	276	202636	1.958	ng/ul	97

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

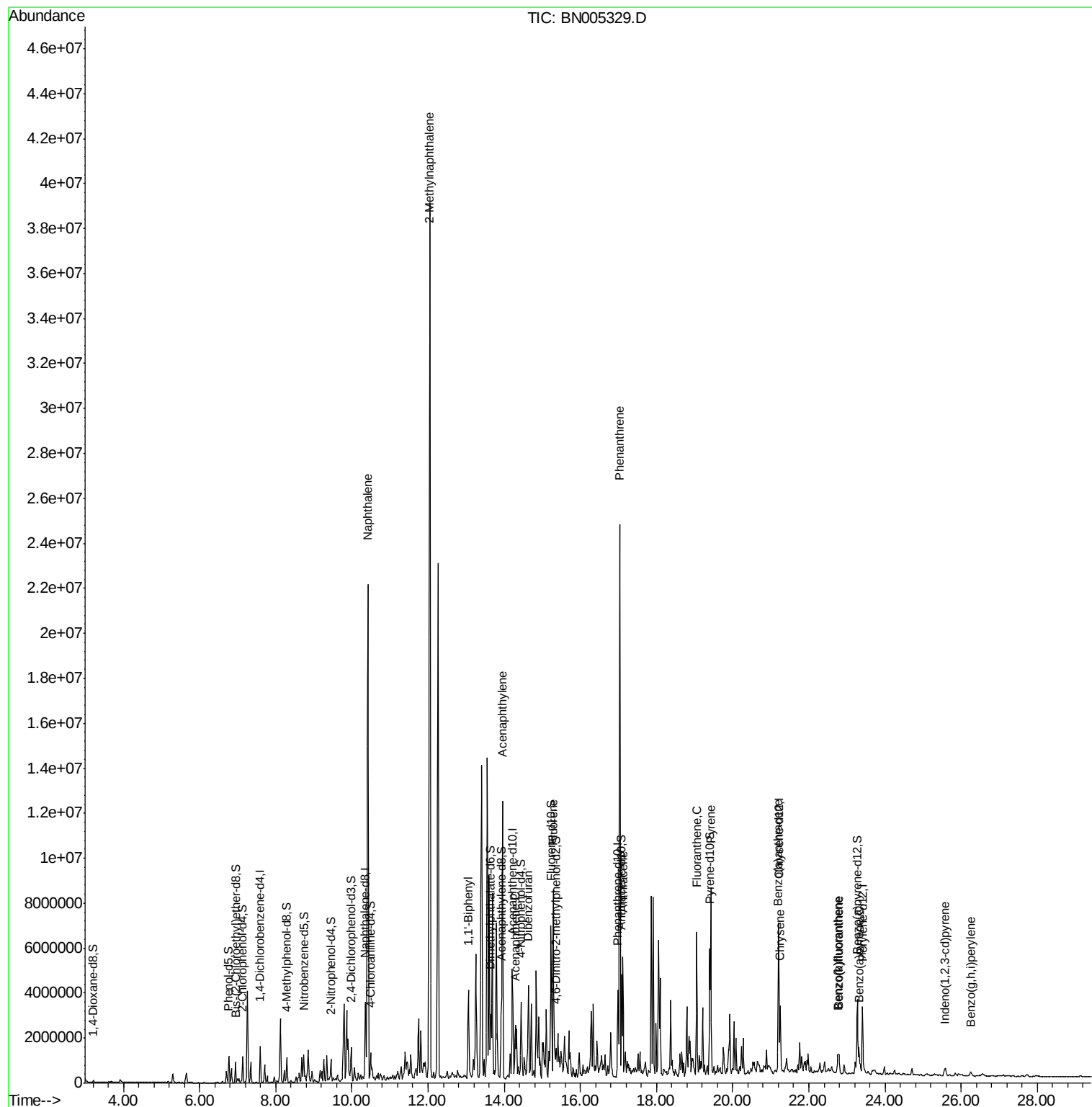
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
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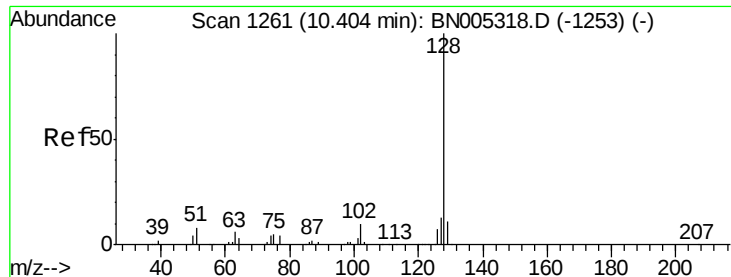
Instrument :
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Quant Title : SVOA CALIBRATION
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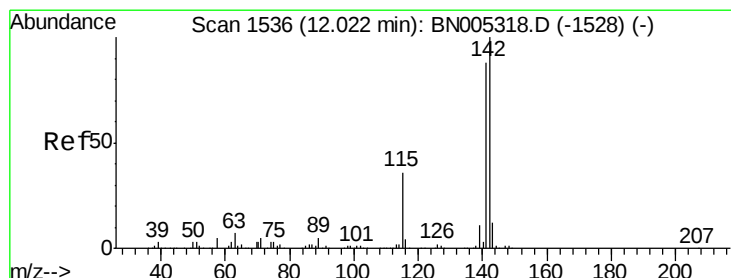
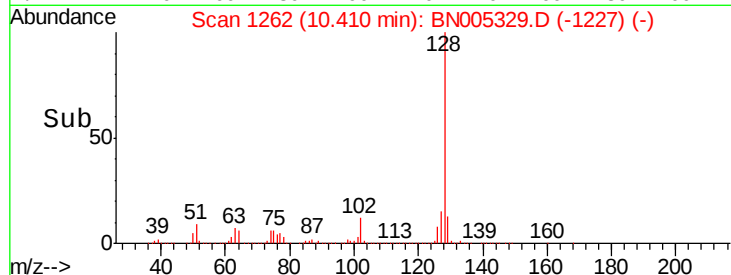
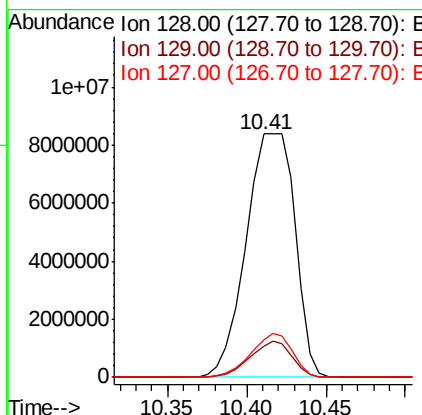
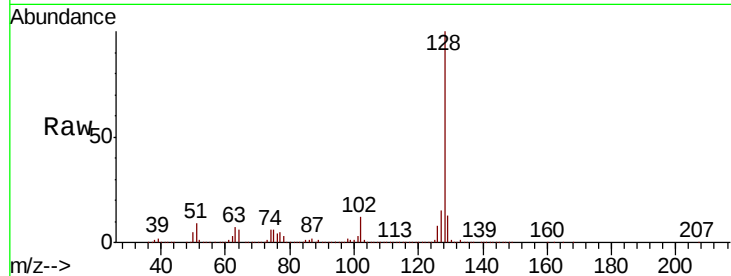
#28
Naphthalene
Concen: 218.939 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BN005329.D
Acq: 26 Apr 2019 22:47

Instrument :
BNA_N
ClientSampled :
GAHR1ME

Tot Ion:128 Resp:17992232
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 15.3 10.7 16.1

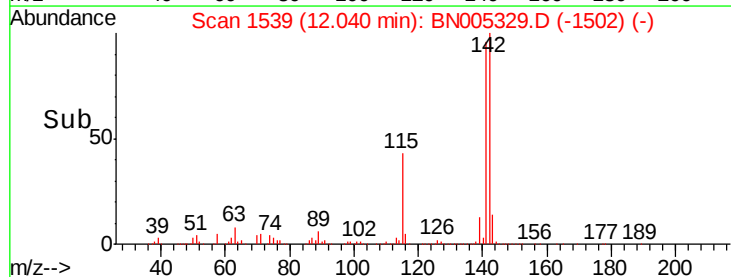
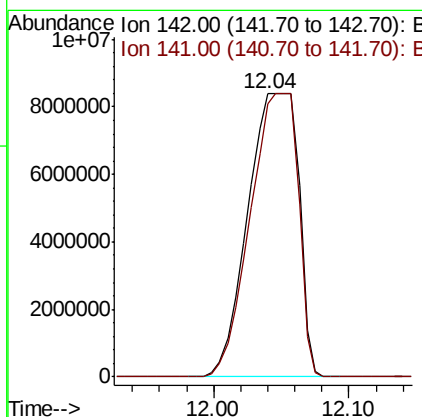
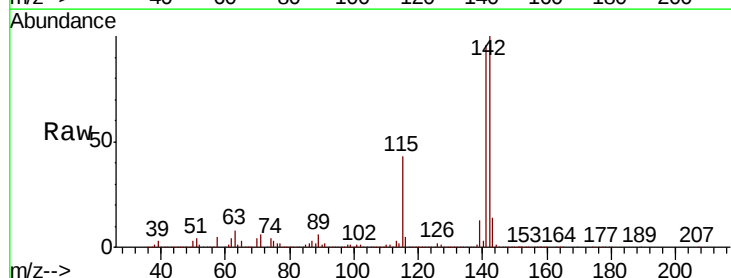
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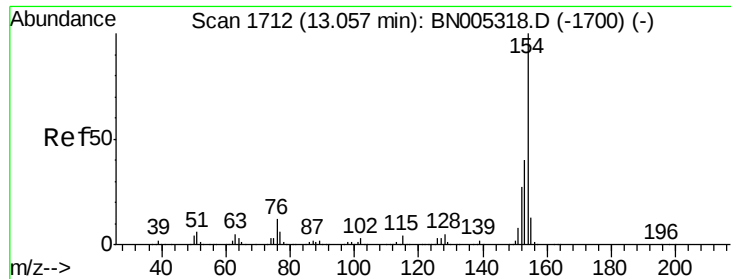
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#34
2-Methylnaphthalene
Concen: 363.244 ng/ul m
RT: 12.04 min Scan# 1539
Delta R.T. 0.02 min
Lab File: BN005329.D
Acq: 26 Apr 2019 22:47

Tgt Ion:142 Resp:21857390
Ion Ratio Lower Upper
142 100
141 96.3 72.0 108.0





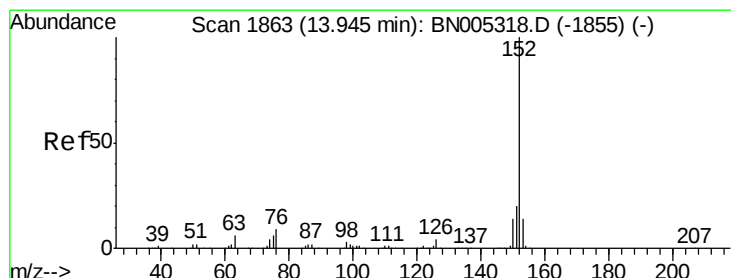
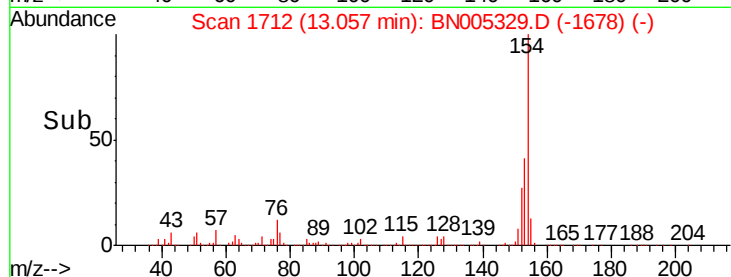
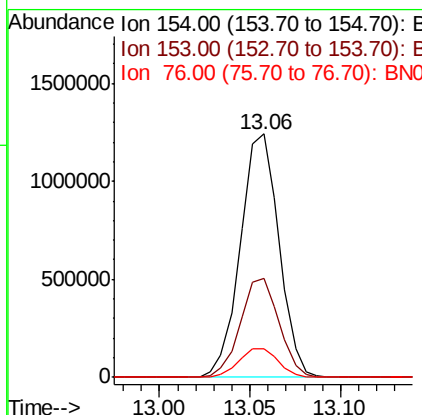
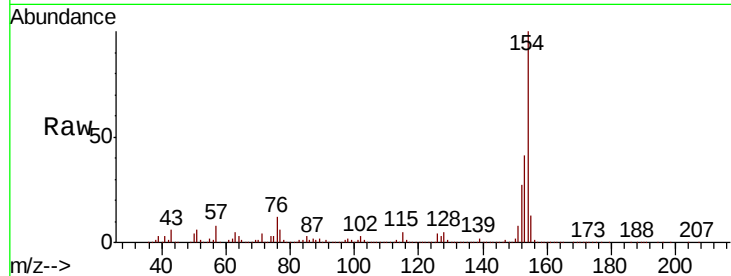
#40
 1,1'-Biphenyl
 Concen: 21.993 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1ME

Tot Ion:	154	Resp:	1838773
Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	49.0
76	11.9	10.4	15.6

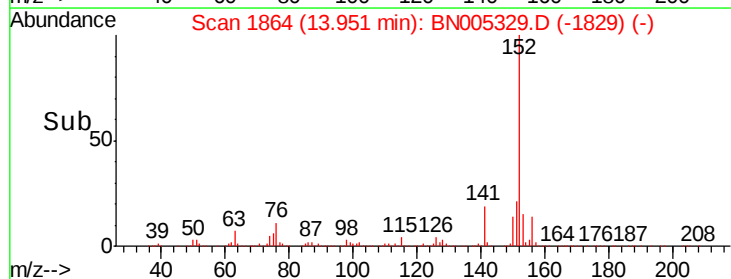
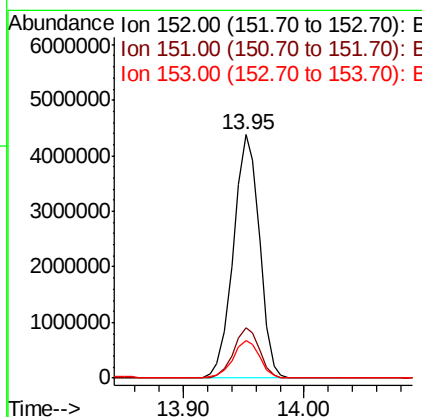
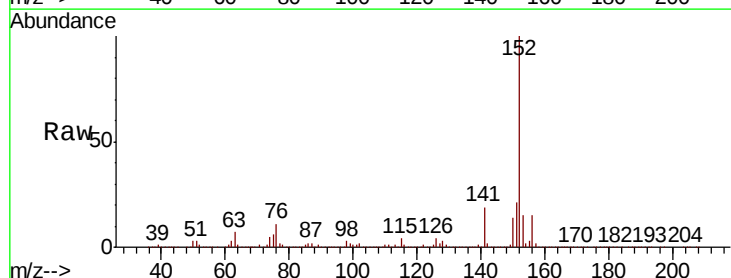
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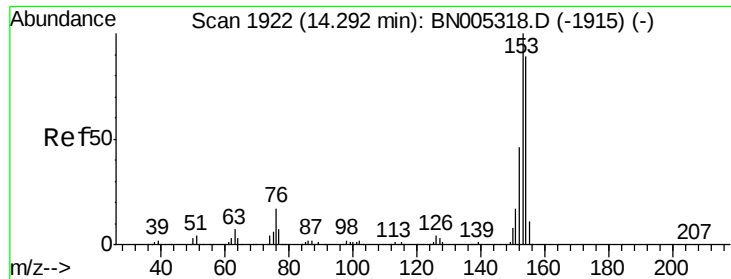
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#47
 Acenaphthylene
 Concen: 67.024 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Tgt Ion:	152	Resp:	6589664
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	15.4	9.8	14.8#





#49

Acenaphthene

Concen: 12.561 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BN005329.D

Acq: 26 Apr 2019 22:47

Instrument :

BNA_N

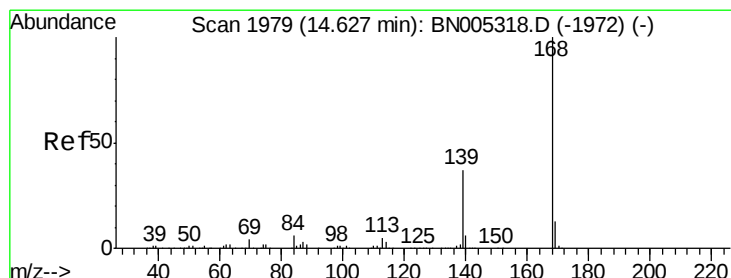
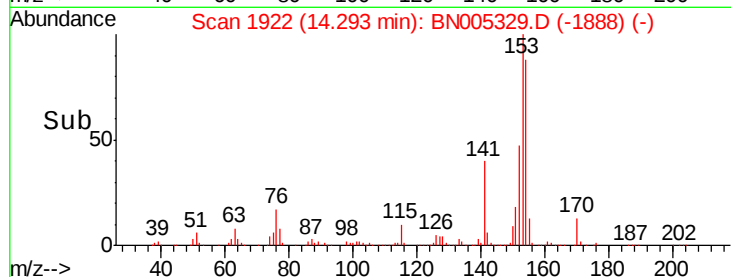
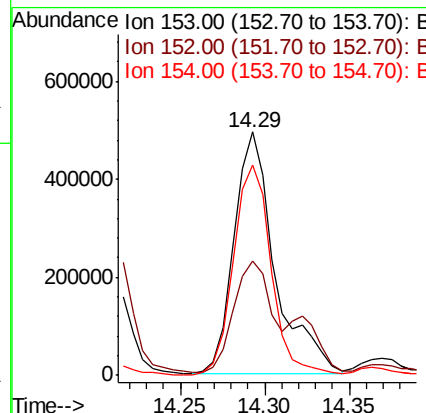
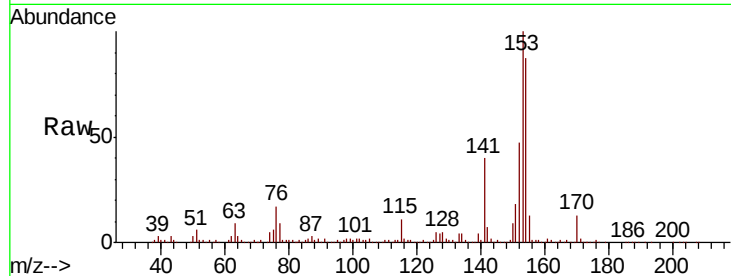
ClientSampleId :

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Tot Ion:	153	Resp:	843087
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.4	56.0
154	86.6	71.2	106.8

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#53

Dibenzofuran

Concen: 11.722 ng/ul

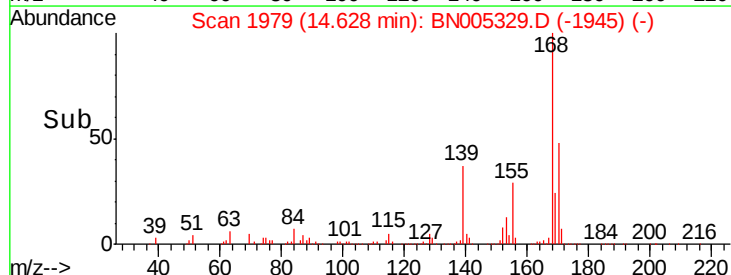
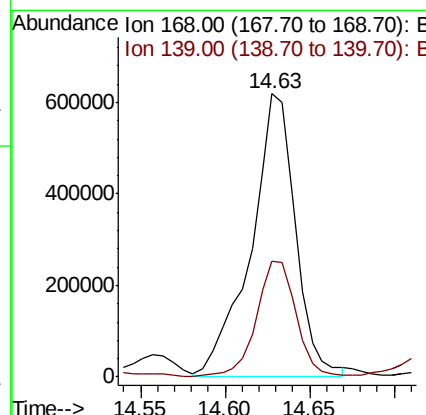
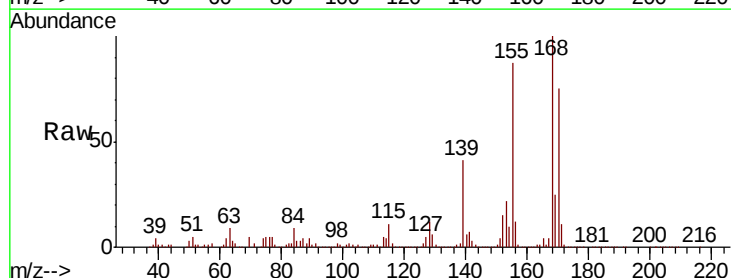
RT: 14.63 min Scan# 1979

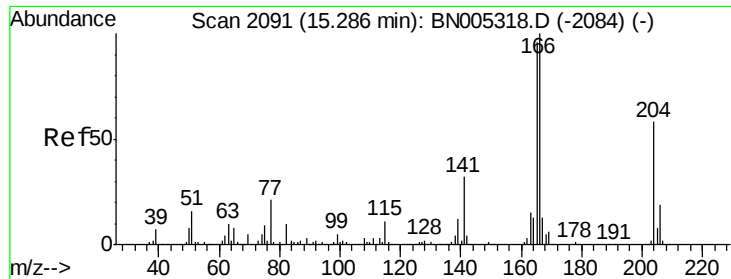
Delta R.T. 0.00 min

Lab File: BN005329.D

Acq: 26 Apr 2019 22:47

Tgt Ion:	168	Resp:	1132806
Ion Ratio	Lower	Upper	
168	100		
139	40.9	30.9	46.3





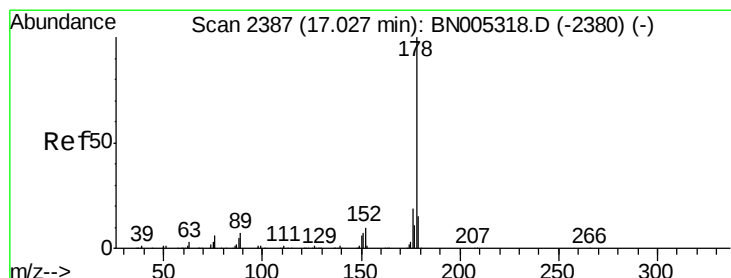
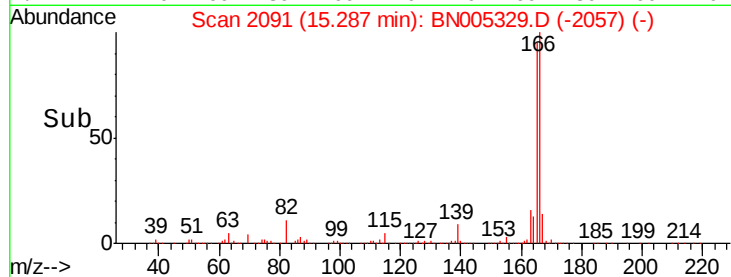
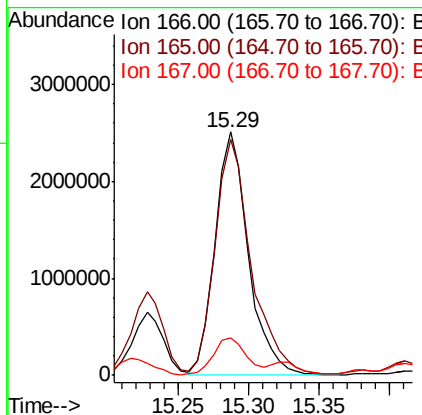
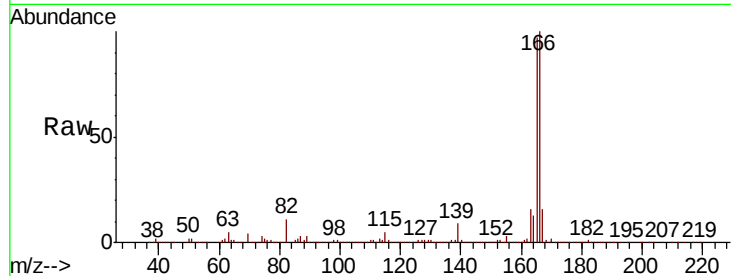
#58
Fluorene
 Concen: 54.263 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1ME

Tot Ion:166 Resp: 4091839
 Ion Ratio Lower Upper
 166 100
 165 97.2 80.0 120.0
 167 15.6 10.7 16.1

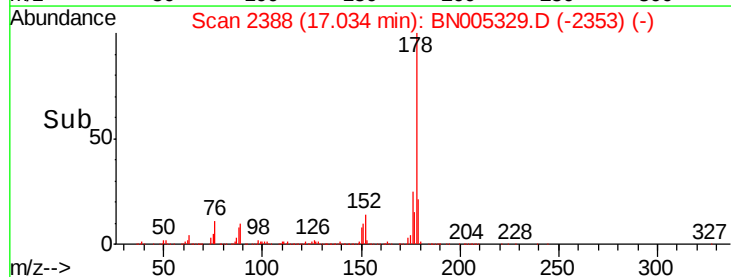
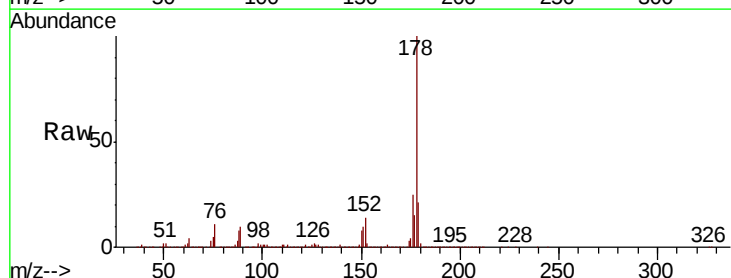
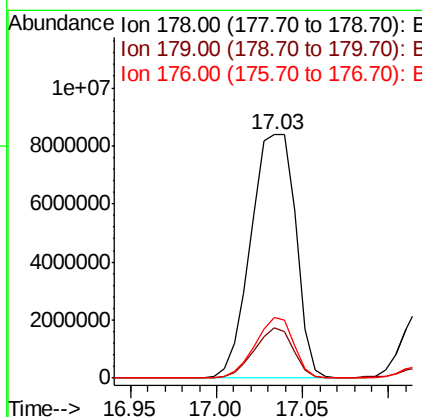
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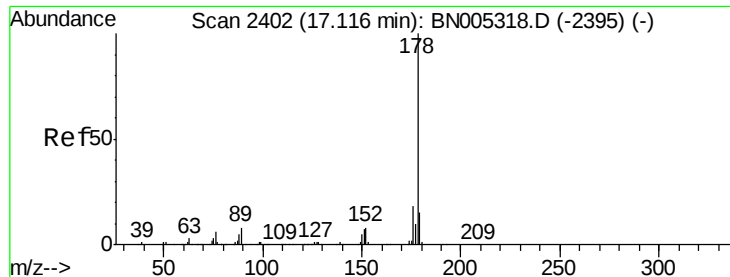
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#69
Phenanthrene
 Concen: 122.432 ng/ul m
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Tgt Ion:178 Resp:15149170
 Ion Ratio Lower Upper
 178 100
 179 20.8 12.2 18.4#
 176 25.1 15.1 22.7#





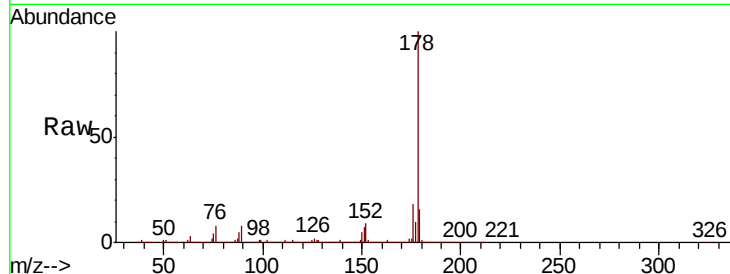
#71
 Anthracene
 Concen: 25.687 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Instrument :
 BNA_N
 ClientSampled :
 GAHR1ME

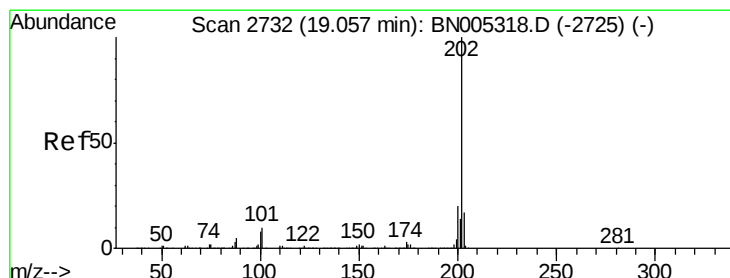
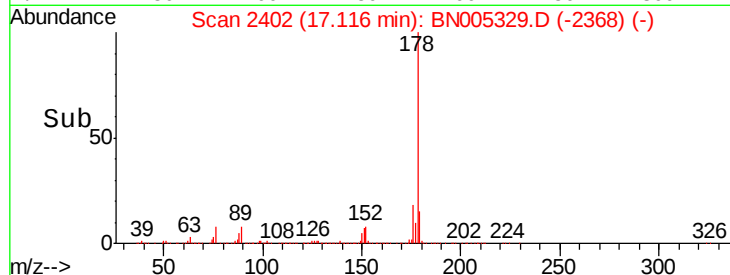
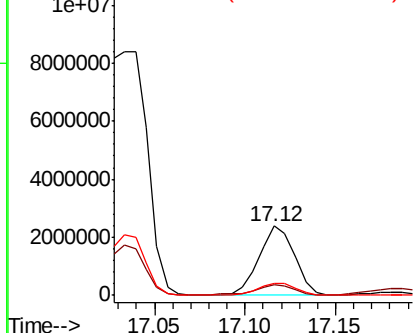
Tot Ion:178 Resp: 3237803
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 18.0 15.1 22.7

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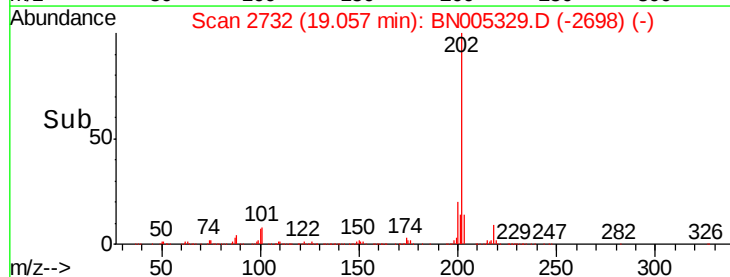
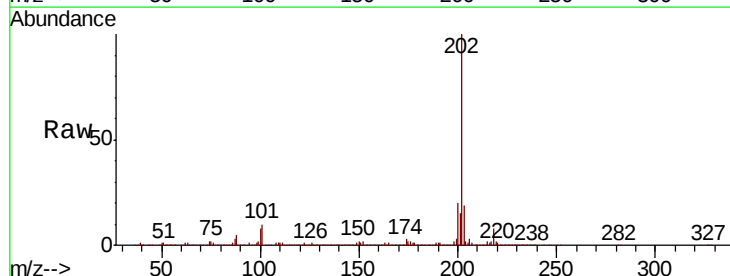
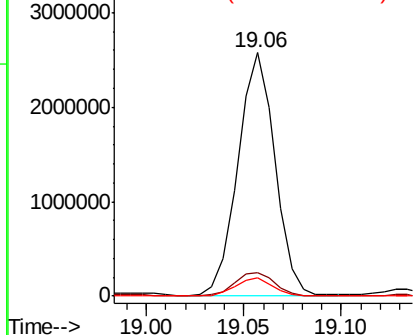
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

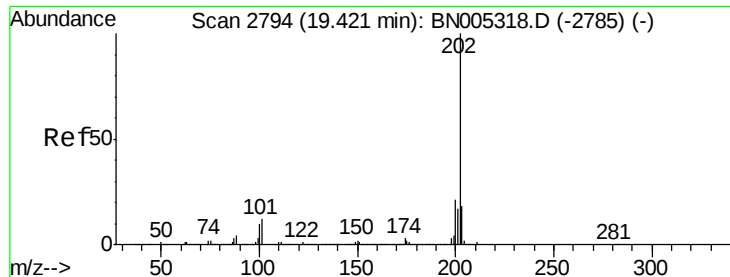


#76
 Fluoranthene
 Concen: 24.646 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Tgt Ion:202 Resp: 3382610
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.6 12.8
 100 7.6 6.3 9.5

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





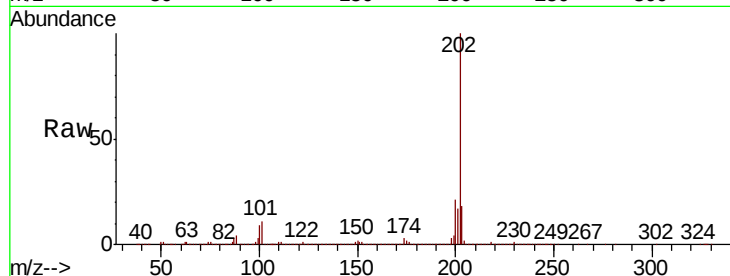
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 Pvrene
 Concen: 35.364 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

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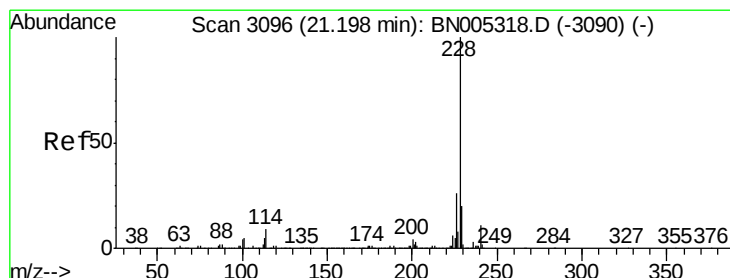
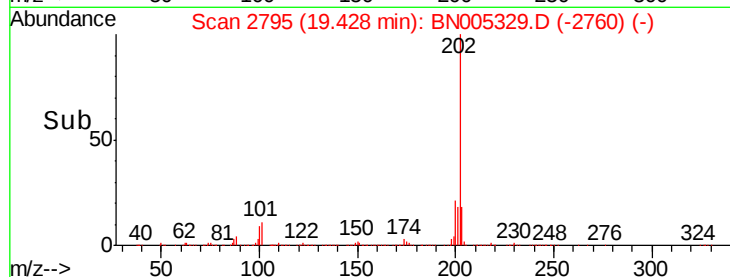
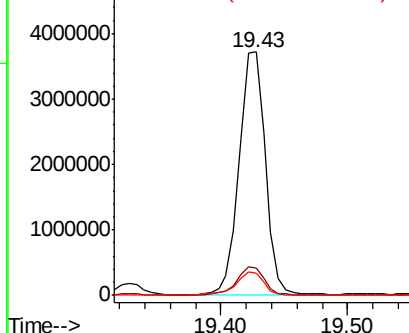
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	9.0	7.9	11.9

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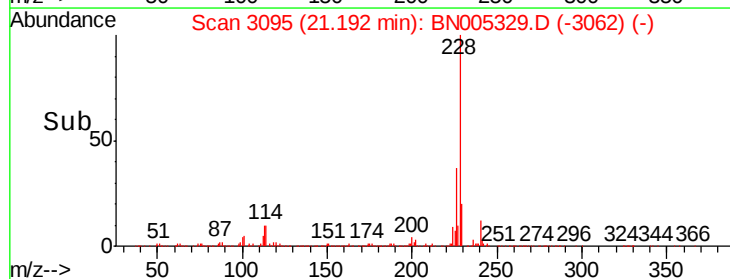
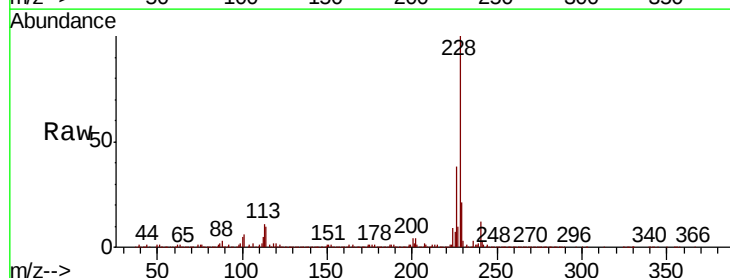
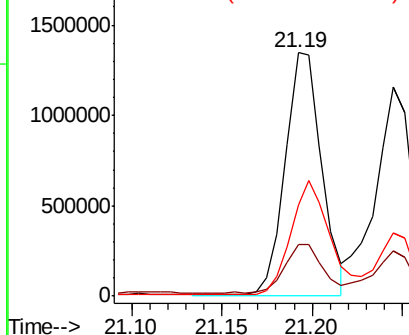
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

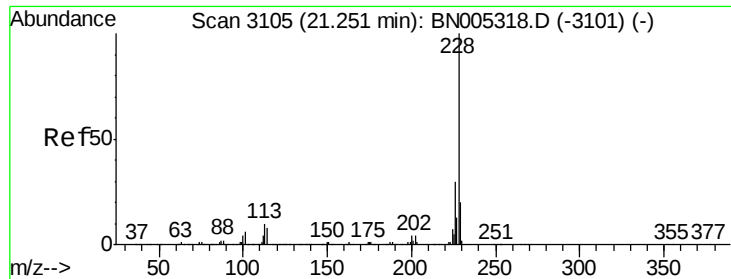


#82
 Benzo(a)anthracene
 Concen: 13.150 ng/ul m
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	37.5	21.4	32.2#

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 11.936 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005329.D

Acq: 26 Apr 2019 22:47

Instrument :

BNA_N

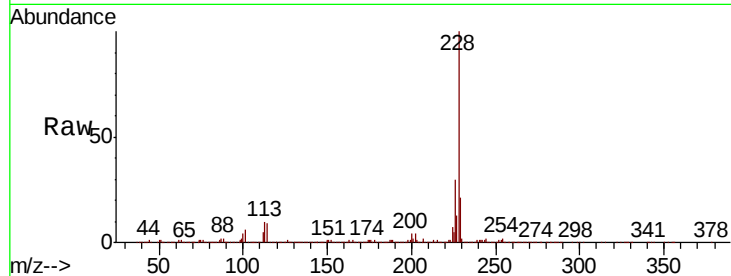
ClientSampleId :

GAHR1ME

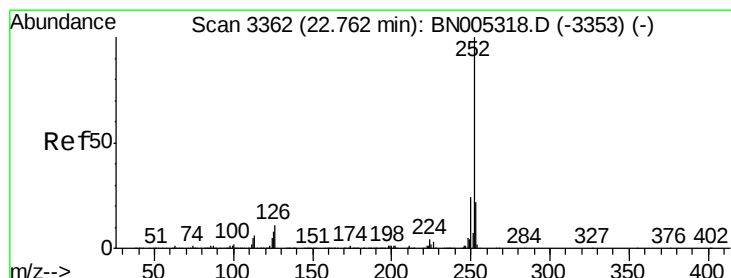
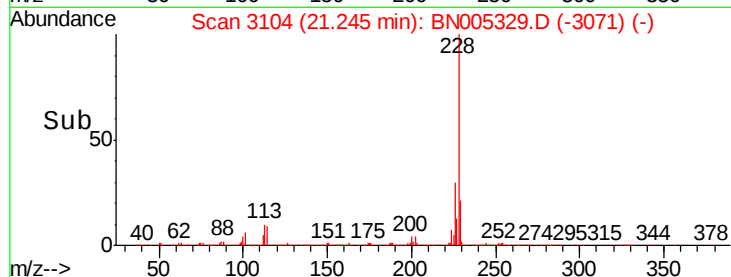
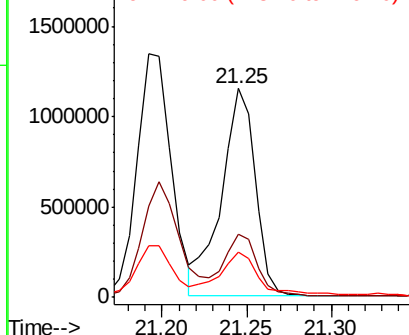
Tot Ion:	228	Resp:	1606521
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.4	15.4	23.0

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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: 6.395 ng/ul

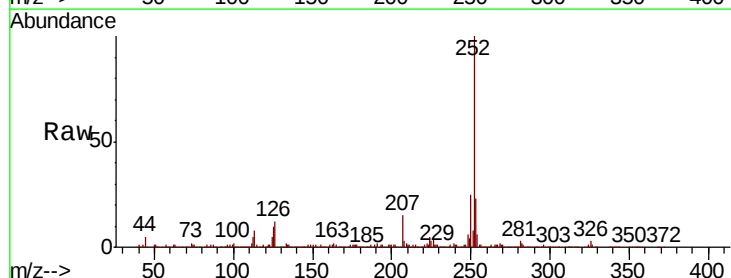
RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

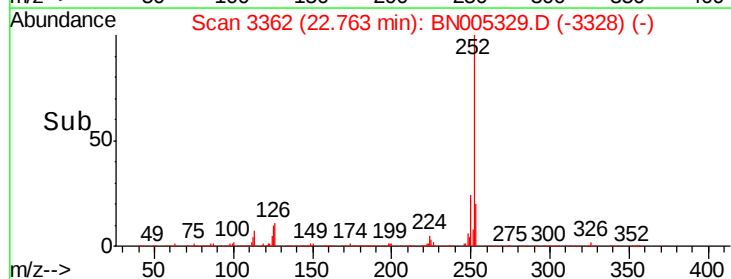
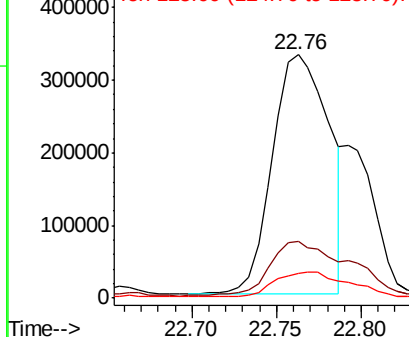
Lab File: BN005329.D

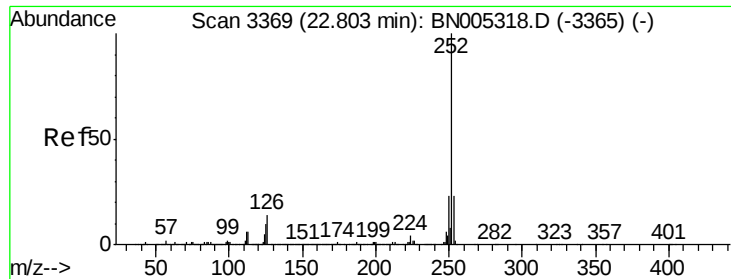
Acq: 26 Apr 2019 22:47

Tgt Ion:	252	Resp:	770103
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	10.3	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





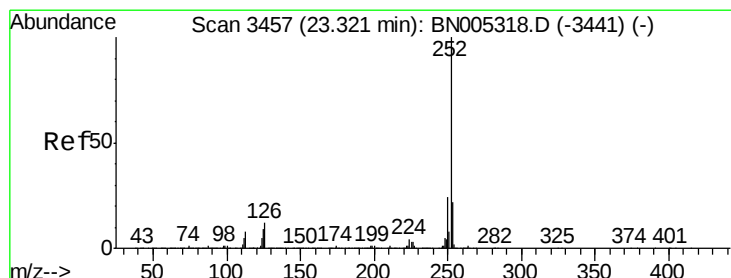
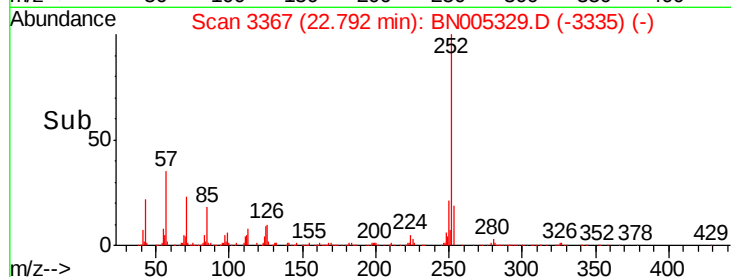
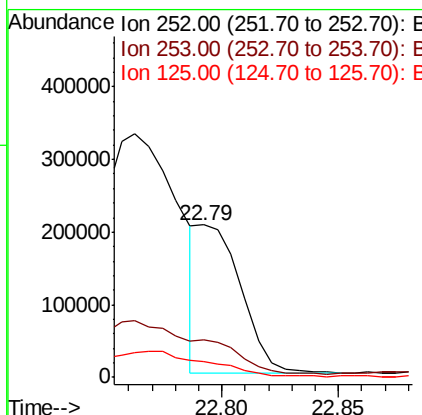
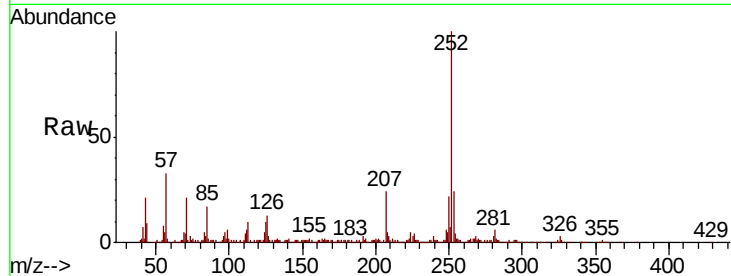
#88
Benzo(k)fluoranthene
Concen: 2.285 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN005329.D
Acq: 26 Apr 2019 22:47

Instrument :
BNA_N
ClientSampleId :
GAHR1ME

Tot Ion:	252	Resp:	262767
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	10.5	7.5	11.3

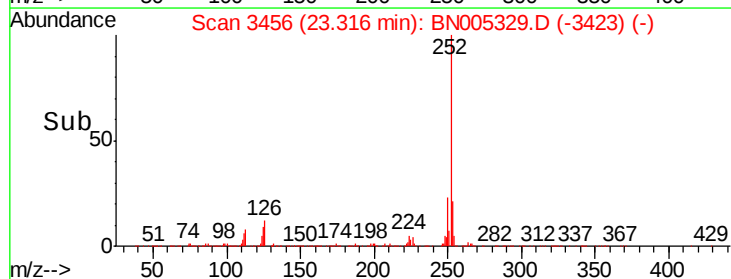
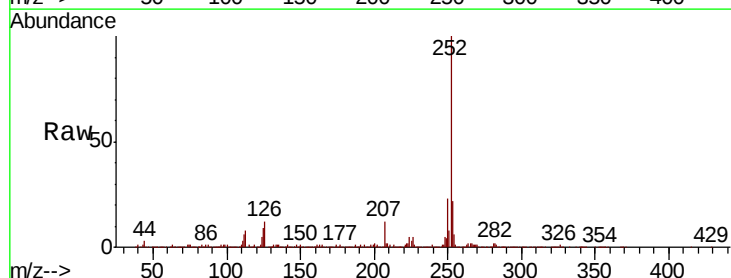
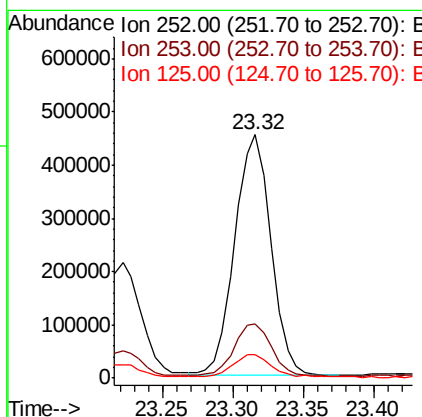
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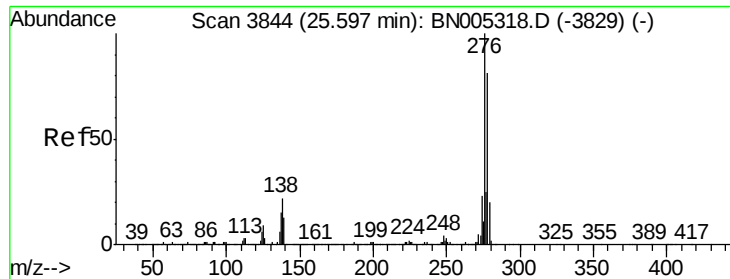
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#90
Benzo(a)pyrene
Concen: 7.185 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005329.D
Acq: 26 Apr 2019 22:47

Tgt Ion:	252	Resp:	813360
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	9.4	8.6	13.0





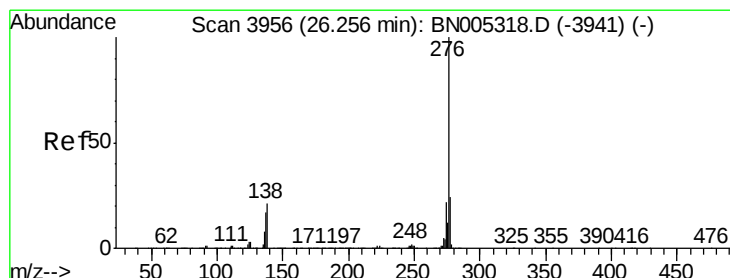
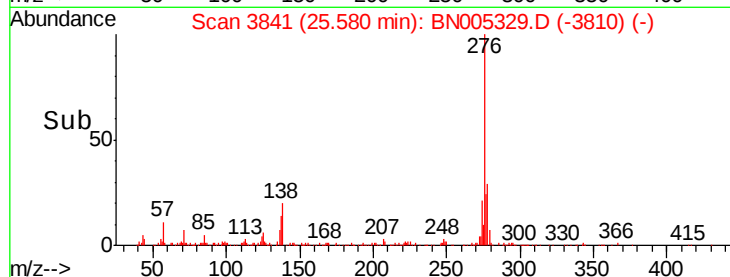
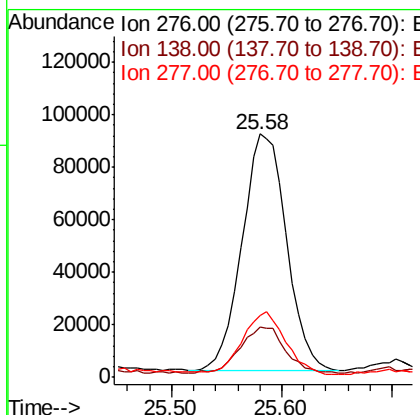
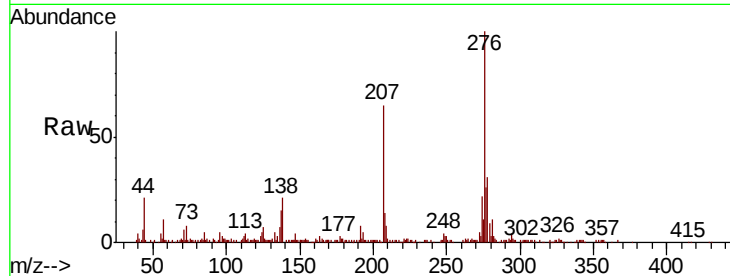
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.042 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.02 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.9	26.9
277	25.6	19.7	29.5

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 1.958 ng/ul
 RT: 26.25 min Scan# 3955
 Delta R.T. -0.01 min
 Lab File: BN005329.D
 Acq: 26 Apr 2019 22:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.7	25.1
277	25.0	18.2	27.2

