

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005323.D
 Acq On : 26 Apr 2019 19:20
 Operator : JU/SJ
 Sample : K2402-10MEDL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Manual Integrations
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Sohil
 4/29/2019 1:43:22 PM

Quant Time: Apr 26 23:38:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	435824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1869479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1128233	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2617233	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2355837	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2141214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2430	0.27	ng/uL	0.00
5) Phenol-d5	6.78	99	51491	1.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	34534	1.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	40808	1.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	37907	1.42	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	22755	1.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	21864	1.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	41367	1.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	61583	2.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	158664	1.94	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	191221	1.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	12927	1.00	ng/ul	0.00
57) Fluorene-d10	15.22	176	146504	2.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	8190	0.70	ng/ul	0.00
70) Anthracene-d10	17.07	188	225933	2.06	ng/ul	0.00
78) Pyrene-d10	19.39	212	244170	2.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	184685	1.97	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.40	128	5694210	65.519	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	3212383	50.481	ng/ul 99
40) 1,1'-Biphenyl	13.05	154	243835	2.901	ng/ul 99
47) Acenaphthylene	13.95	152	1164344	11.778	ng/ul 98
49) Acenaphthene	14.29	153	78943	1.170	ng/ul 95
53) Dibenzofuran	14.63	168	104530	1.076	ng/ul 98
58) Fluorene	15.28	166	506150	6.676	ng/ul 96
69) Phenanthrene	17.02	178	2332803	18.302	ng/ul 100
71) Anthracene	17.12	178	515107	3.967	ng/ul 97
76) Fluoranthene	19.06	202	516338	3.652	ng/ul 98
79) Pyrene	19.42	202	796872	5.253	ng/ul 98
82) Benzo(a)anthracene	21.19	228	270712m	1.847	ng/ul
84) Chrysene	21.24	228	228951	1.683	ng/ul 99
90) Benzo(a)pyrene	23.31	252	129948	1.149	ng/ul 96

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

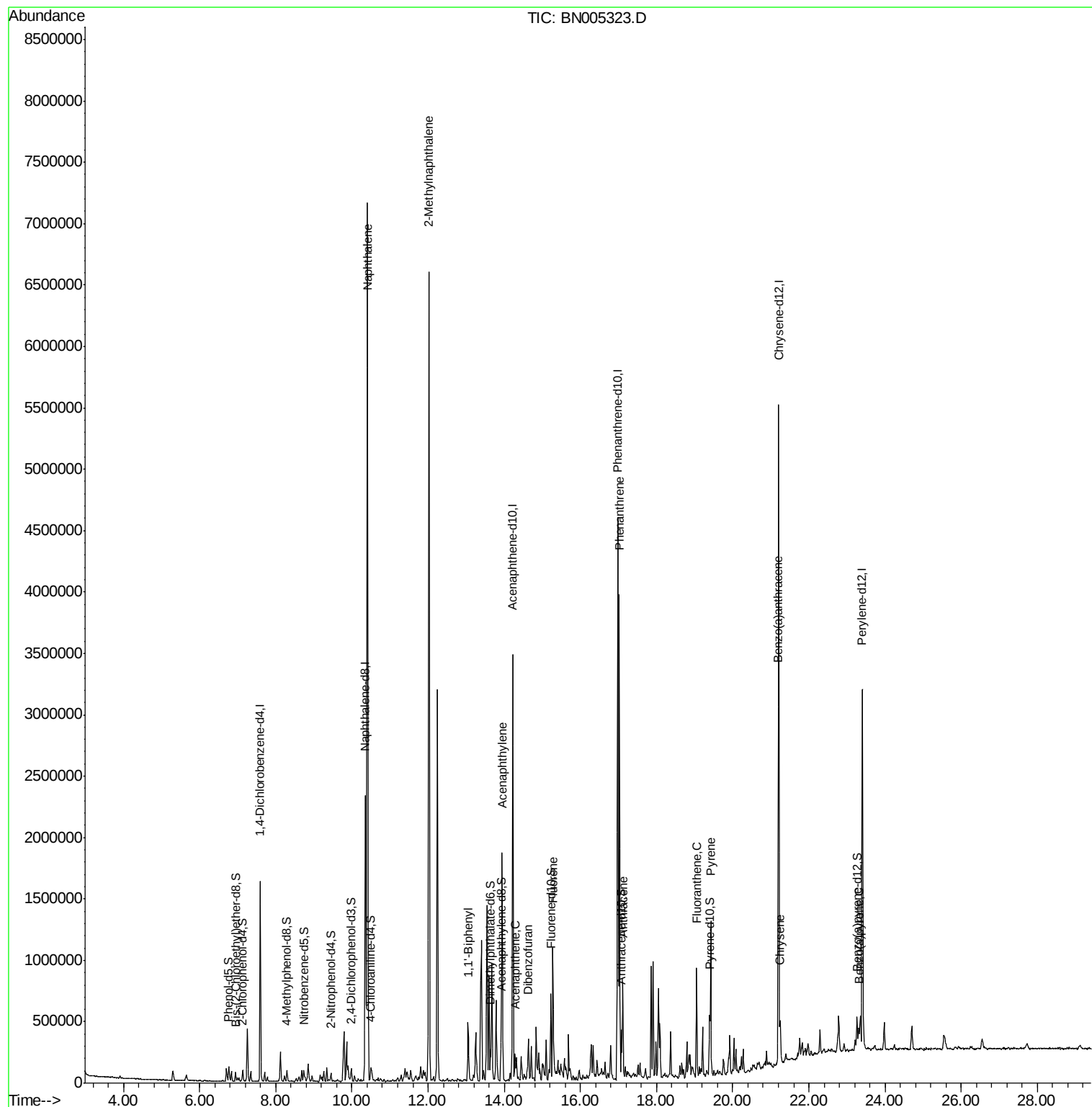
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005323.D
Acq On : 26 Apr 2019 19:20
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

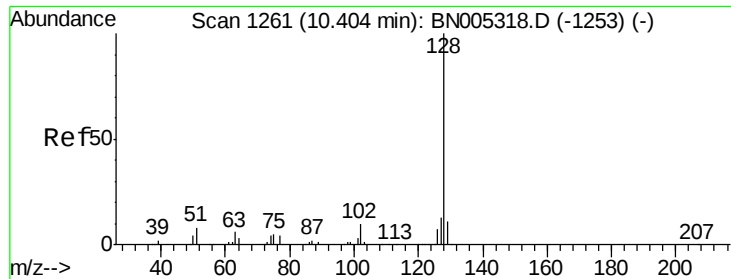
Instrument :
BNA_N
ClientSampleId :
GAHJ0MEDL

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Quant Time: Apr 26 23:38:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 65.519 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BN005323.D

Acq: 26 Apr 2019 19:20

Instrument :

BNA_N

ClientSampleId :

GAHJ0MEDL

Tot Ion:128 Resp: 5694210

Ion Ratio Lower Upper

128 100

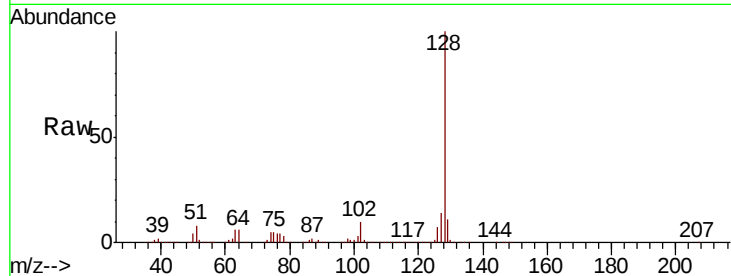
129 11.1 9.2 13.8

127 13.6 10.7 16.1

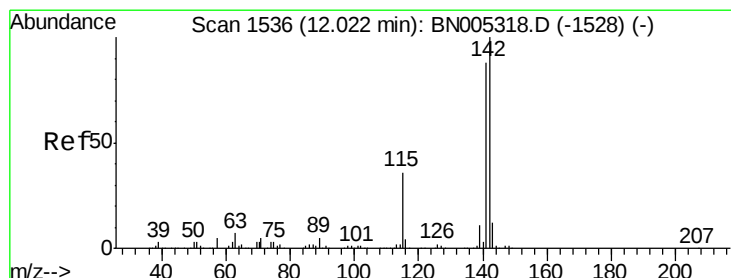
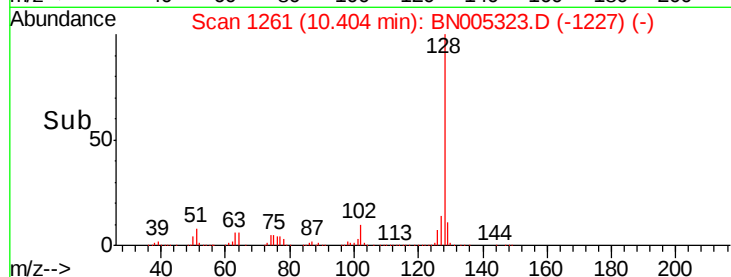
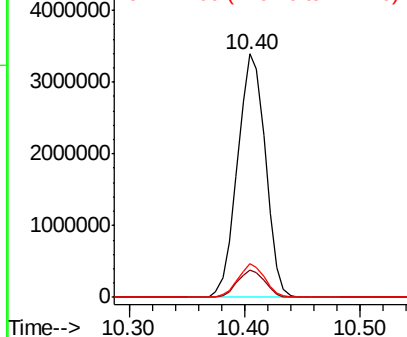
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 50.481 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BN005323.D

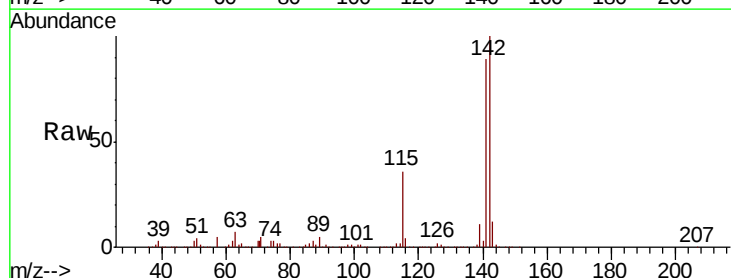
Acq: 26 Apr 2019 19:20

Tgt Ion:142 Resp: 3212383

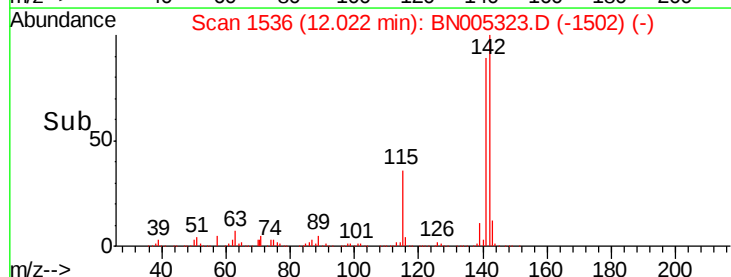
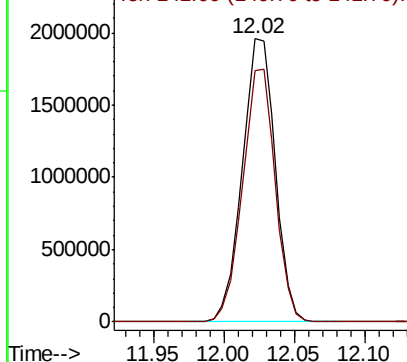
Ion Ratio Lower Upper

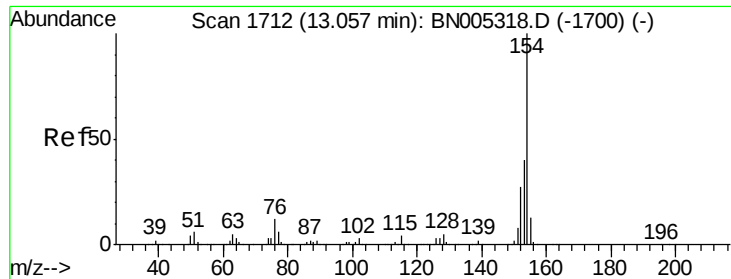
142 100

141 88.8 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





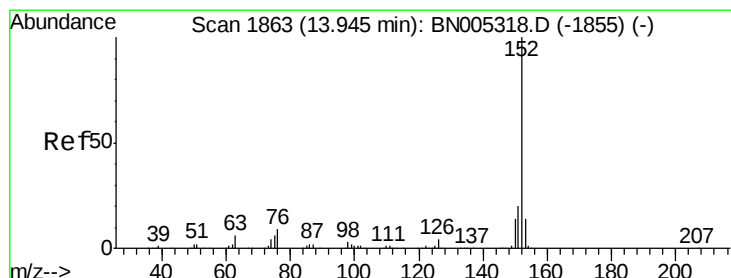
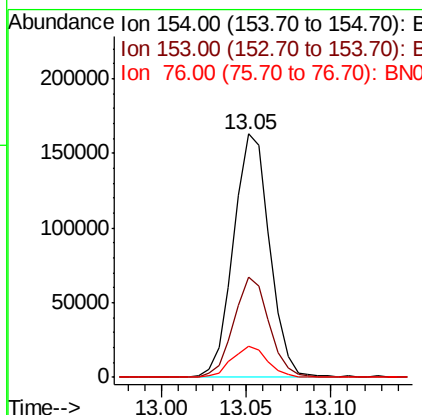
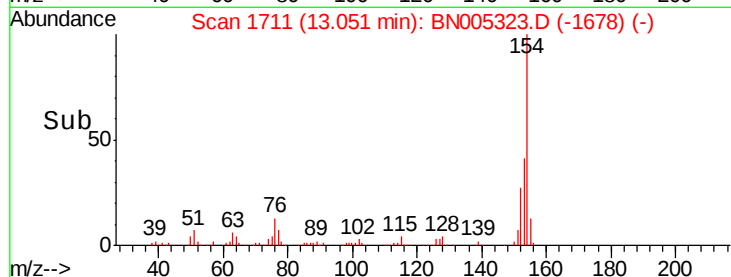
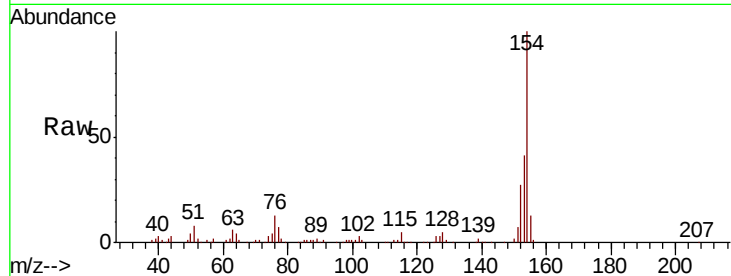
#40
 1,1'-Biphenyl
 Concen: 2.901 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005323.D
 Acq: 26 Apr 2019 19:20

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Tot Ion:	154	Resp:	243835
Ion Ratio	Lower	Upper	
154	100		
153	41.4	32.6	49.0
76	12.8	10.4	15.6

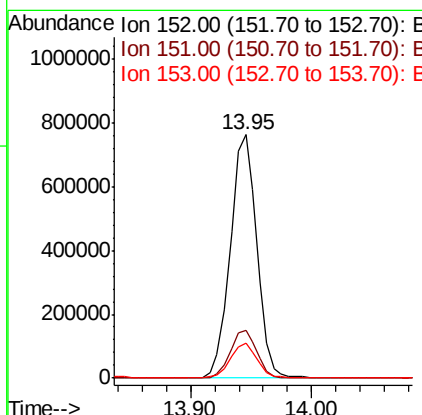
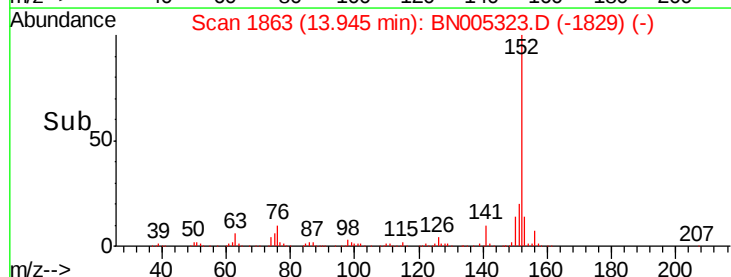
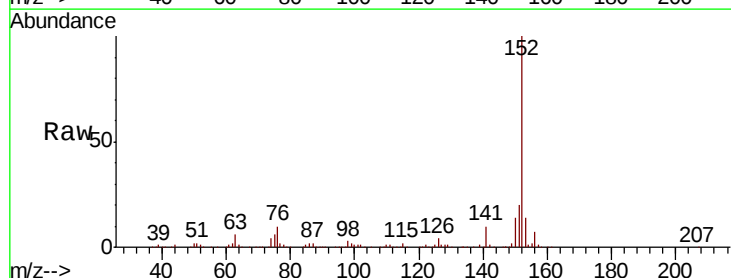
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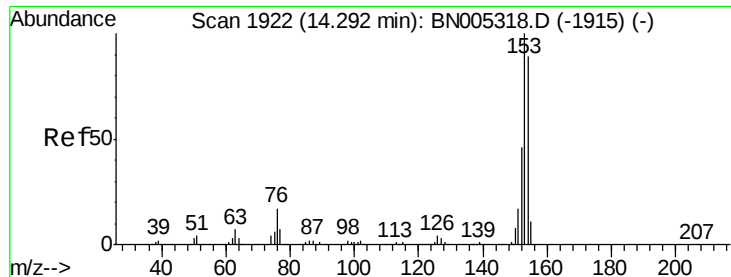
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#47
 Acenaphthylene
 Concen: 11.778 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BN005323.D
 Acq: 26 Apr 2019 19:20

Tgt Ion:	152	Resp:	1164344
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.8
153	14.3	9.8	14.8





#49

Acenaphthene

Concen: 1.170 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BN005323.D

Acq: 26 Apr 2019 19:20

Instrument :

BNA_N

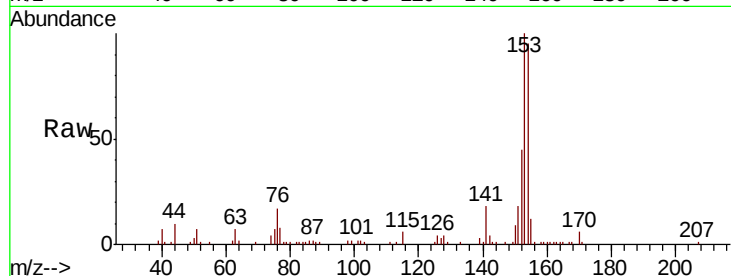
ClientSampleId :

GAHJ0MEDL

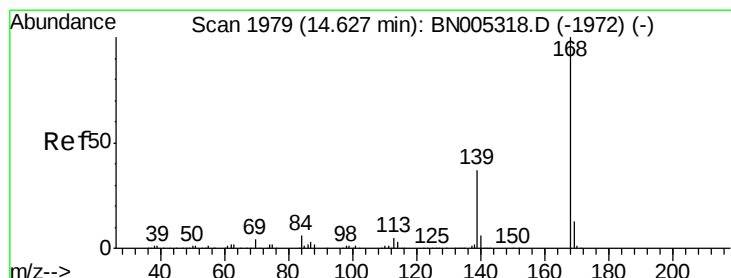
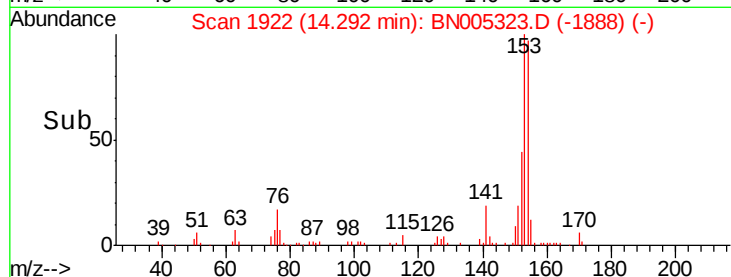
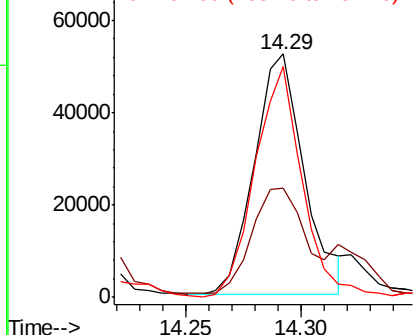
Tot Ion:	153	Resp:	78943
Ion Ratio	Lower	Upper	
153	100		
152	44.6	37.4	56.0
154	94.9	71.2	106.8

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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: 1.076 ng/ul

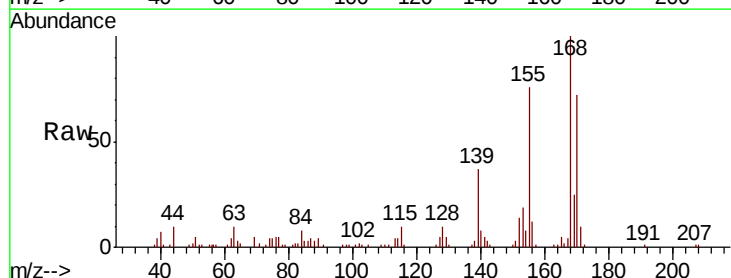
RT: 14.63 min Scan# 1979

Delta R.T. 0.00 min

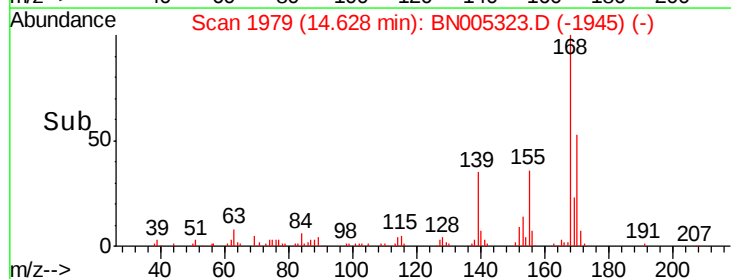
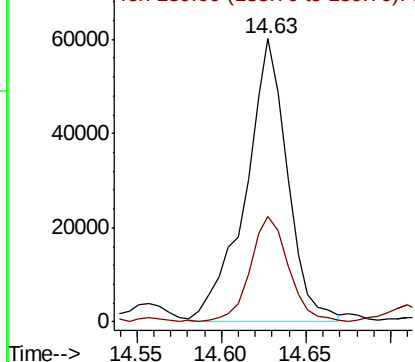
Lab File: BN005323.D

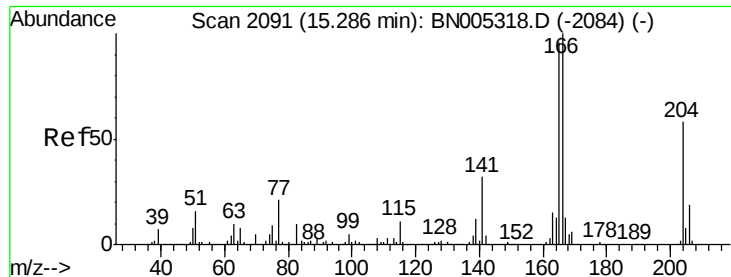
Acq: 26 Apr 2019 19:20

Tgt Ion:	168	Resp:	104530
Ion Ratio	Lower	Upper	
168	100		
139	37.4	30.9	46.3



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





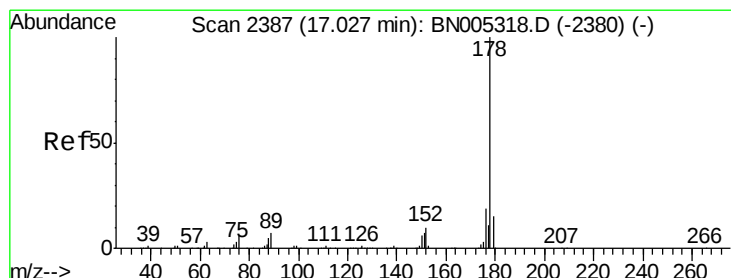
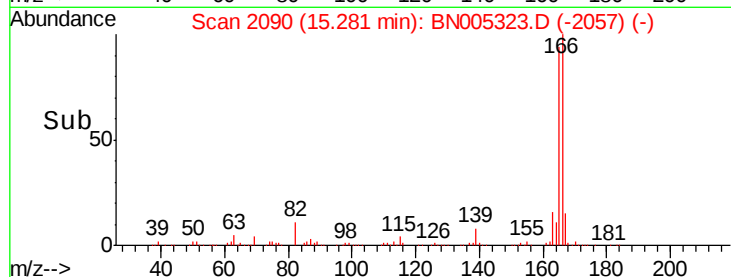
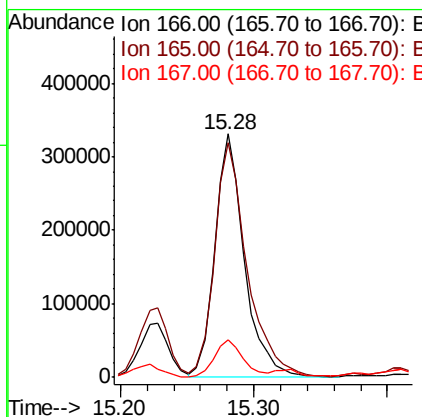
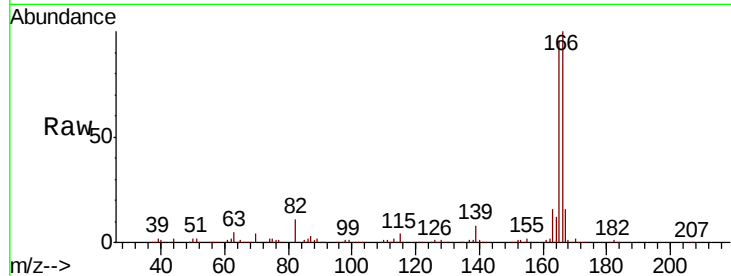
#58
 Fluorene
 Concen: 6.676 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005323.D
 Acq: 26 Apr 2019 19:20

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ0MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.0	120.0
167	15.7	10.7	16.1

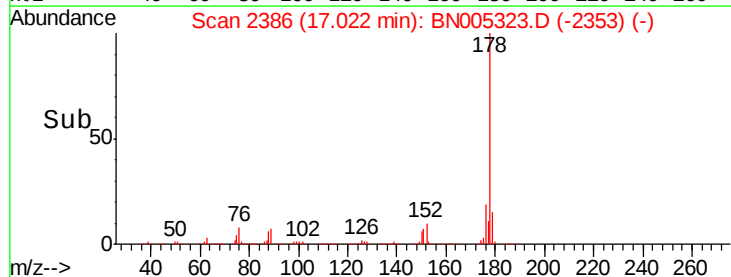
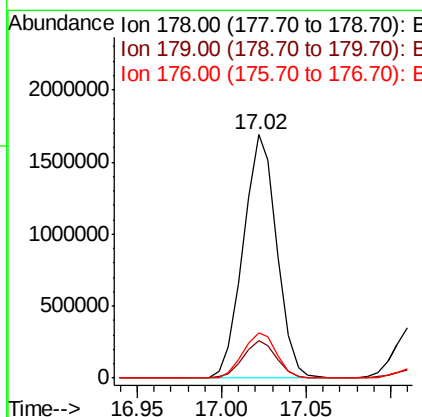
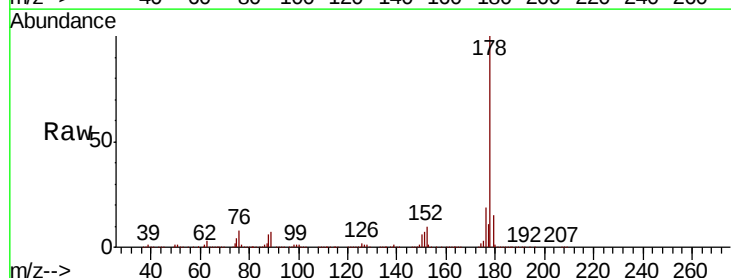
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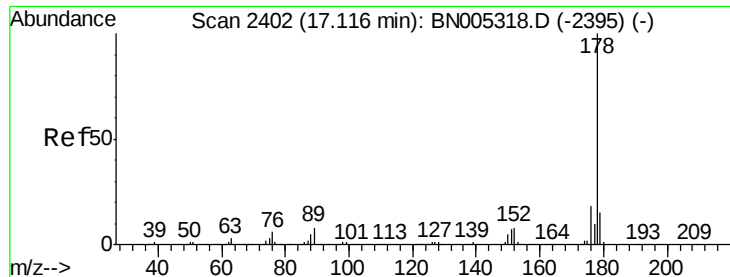
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#69
 Phenanthrene
 Concen: 18.302 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BN005323.D
 Acq: 26 Apr 2019 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.7	15.1	22.7





#71

Anthracene

Concen: 3.967 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005323.D

Acq: 26 Apr 2019 19:20

Instrument :

BNA_N

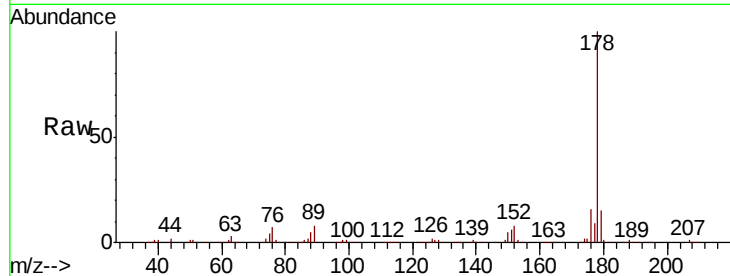
ClientSampleId :

GAHJ0MEDL

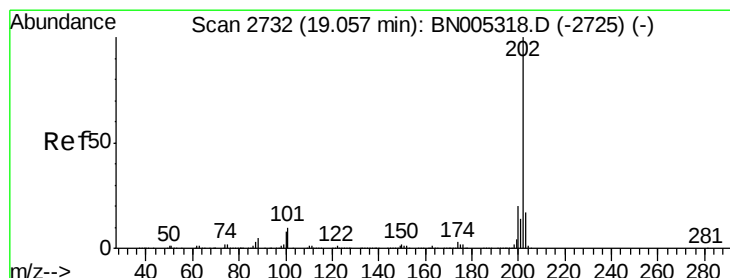
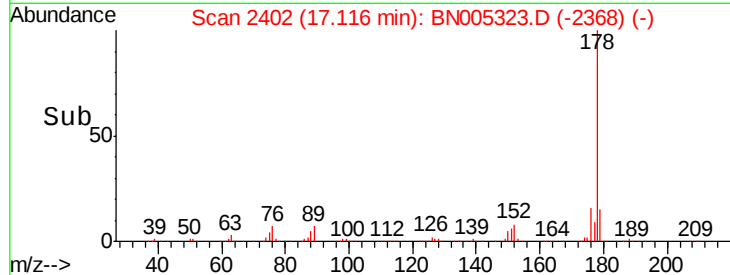
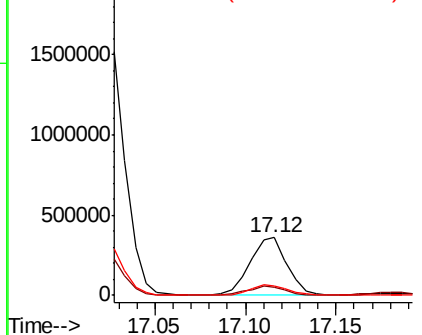
Tot Ion:178	Resp:	515107
Ion Ratio	Lower	Upper
178	100	
179	15.1	12.3 18.5
176	16.5	15.1 22.7

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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: 3.652 ng/ul

RT: 19.06 min Scan# 2732

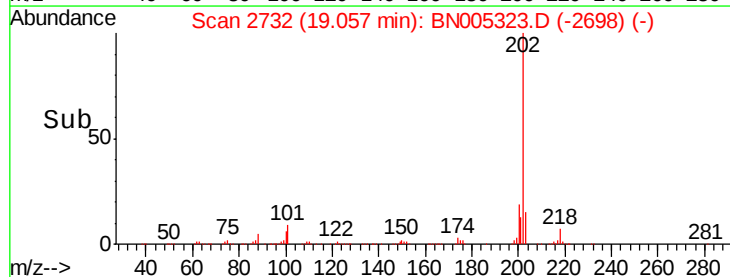
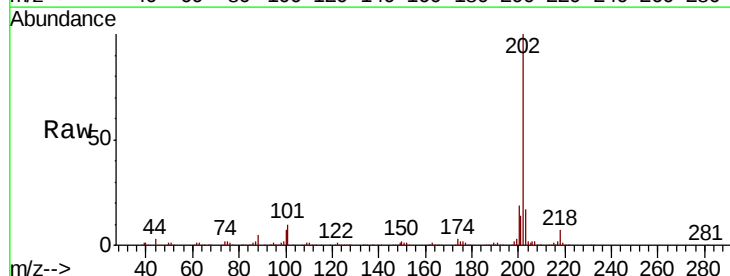
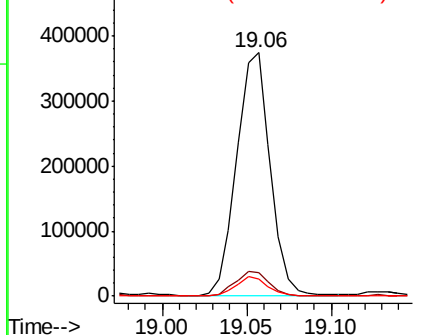
Delta R.T. 0.00 min

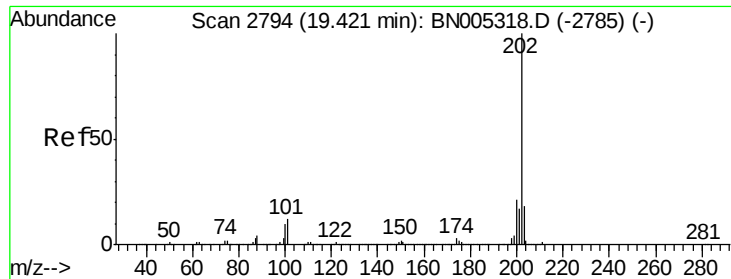
Lab File: BN005323.D

Acq: 26 Apr 2019 19:20

Tgt Ion:202	Resp:	516338
Ion Ratio	Lower	Upper
202	100	
101	9.9	8.6 12.8
100	7.0	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





#79

Pvrene

Concen: 5.253 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN005323.D

Acq: 26 Apr 2019 19:20

Instrument :

BNA_N

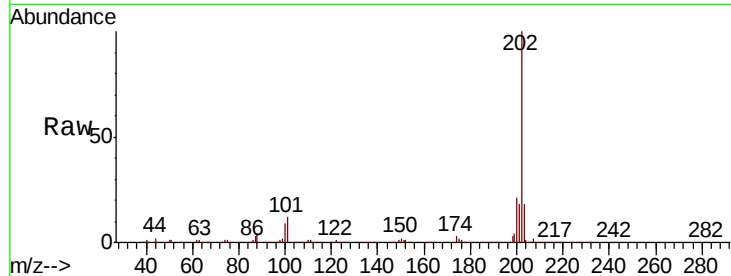
ClientSampleId :

GAHJ0MEDL

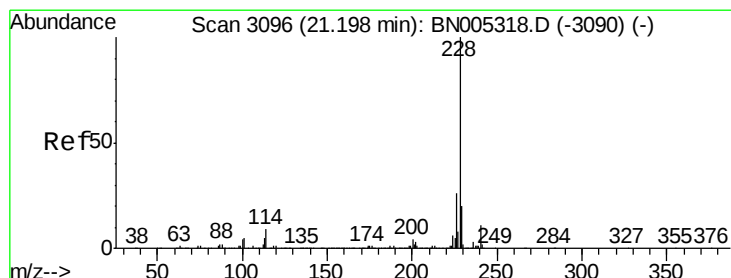
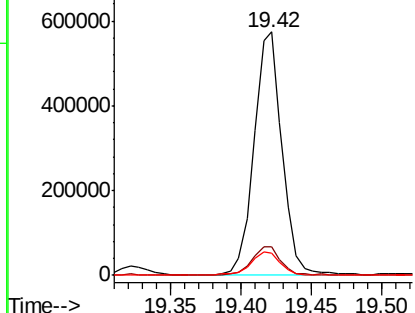
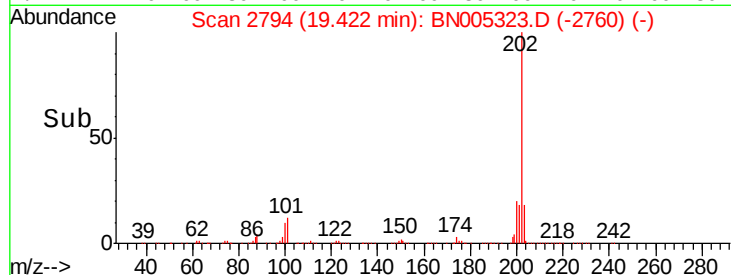
Tot Ion:	202	Resp:	796872
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.3	15.5
100	9.2	7.9	11.9

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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: 1.847 ng/ul m

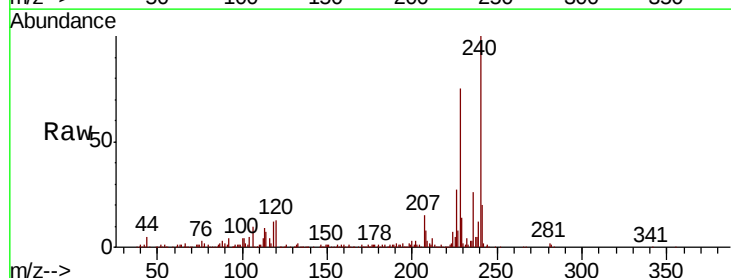
RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

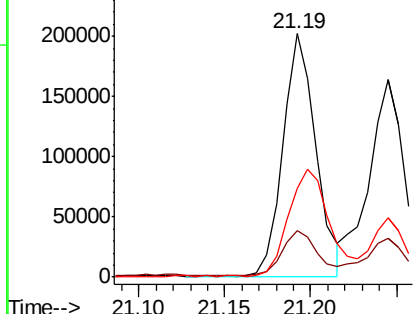
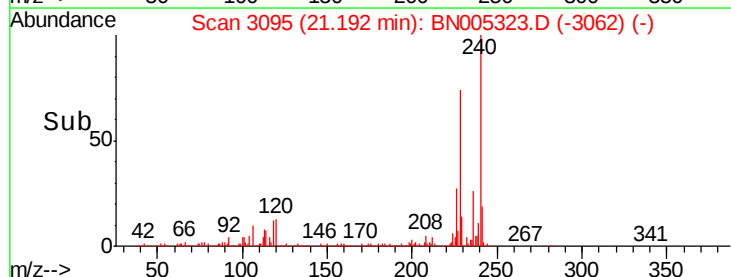
Lab File: BN005323.D

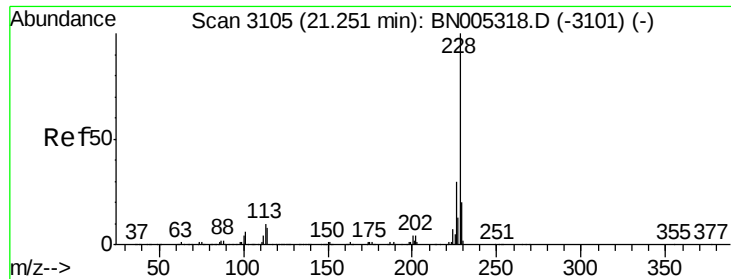
Acq: 26 Apr 2019 19:20

Tgt Ion:	228	Resp:	270712
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.8	23.6
226	36.7	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





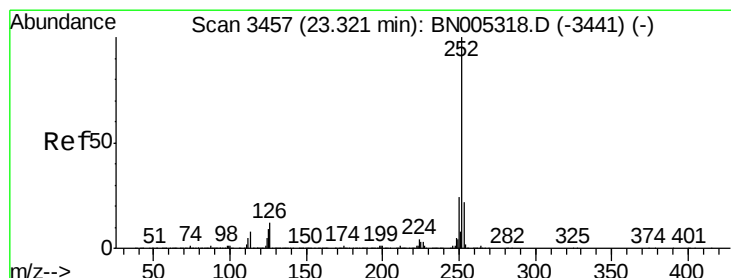
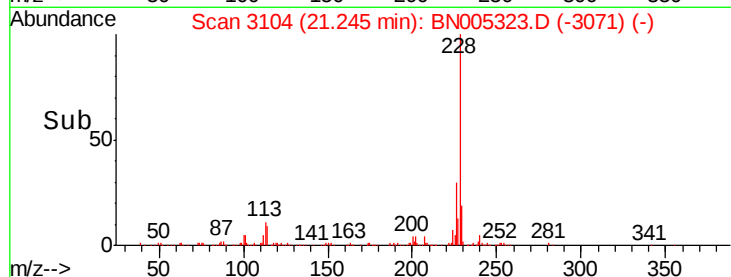
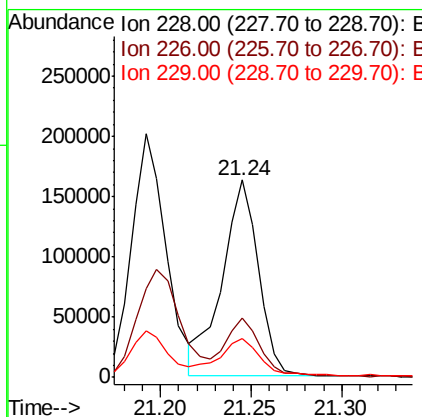
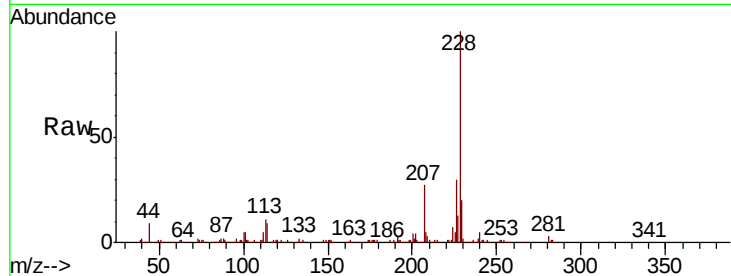
#84
Chrysene
Concen: 1.683 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN005323.D
Acq: 26 Apr 2019 19:20

Instrument :
BNA_N
ClientSampled :
GAHJOMEDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.9	15.4	23.0

Manual Integrations
APPROVED

Sohil
4/29/2019 1:43:22 PM



#90
Benzo(a)pyrene
Concen: 1.149 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN005323.D
Acq: 26 Apr 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	11.7	8.6	13.0

