

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005189.D
 Acq On : 22 Apr 2019 23:53
 Operator : JU/SJ
 Sample : K2455-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR2

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:19:41 PM

Quant Time: Apr 23 04:59:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 04:25:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	11151	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	8754	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	24321	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	23889	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	25414m	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	97803	1729.74	ng/uL	0.00
5) Phenol-d5	6.78	99	1228574	5729.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	785903	5875.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	977003	5953.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1003358	5986.38	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	480497	7001.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	530599	7625.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1008610	6323.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1055529	6417.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2964989	4665.92	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3971099	5088.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	438193	4367.15	ng/ul	0.00
57) Fluorene-d10	15.23	176	2717213	5095.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	343463	3139.89	ng/ul	0.00
70) Anthracene-d10	17.08	188	4088557	4010.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	4210321	3445.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	3750442	3376.81	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.80	94	13835	62.731	ng/ul#	61
14) Acetophenone	8.41	105	1905	7.102	ng/ul#	74
28) Naphthalene	10.41	128	9644	18.604	ng/ul#	88
34) 2-Methylnaphthalene	12.03	142	11824	31.151	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	1595	2.445	ng/ul#	65
44) Dimethylphthalate	13.70	163	580853	917.341	ng/ul	100
47) Acenaphthylene	13.95	152	4735	6.173	ng/ul#	65
56) Diethylphthalate	15.08	149	1778	2.800	ng/ul#	59
58) Fluorene	15.28	166	3096	5.263	ng/ul#	76
69) Phenanthrene	17.02	178	20495m	17.303	ng/ul	
71) Anthracene	17.12	178	3329	2.759	ng/ul	95
75) Di-n-butylphthalate	17.97	149	8294	6.377	ng/ul#	88
76) Fluoranthene	19.06	202	8490	6.462	ng/ul#	93
79) Pyrene	19.42	202	14948	9.718	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.16	149	8161	8.703	ng/ul#	98
84) Chrysene	21.24	228	5509	3.994	ng/ul#	96

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

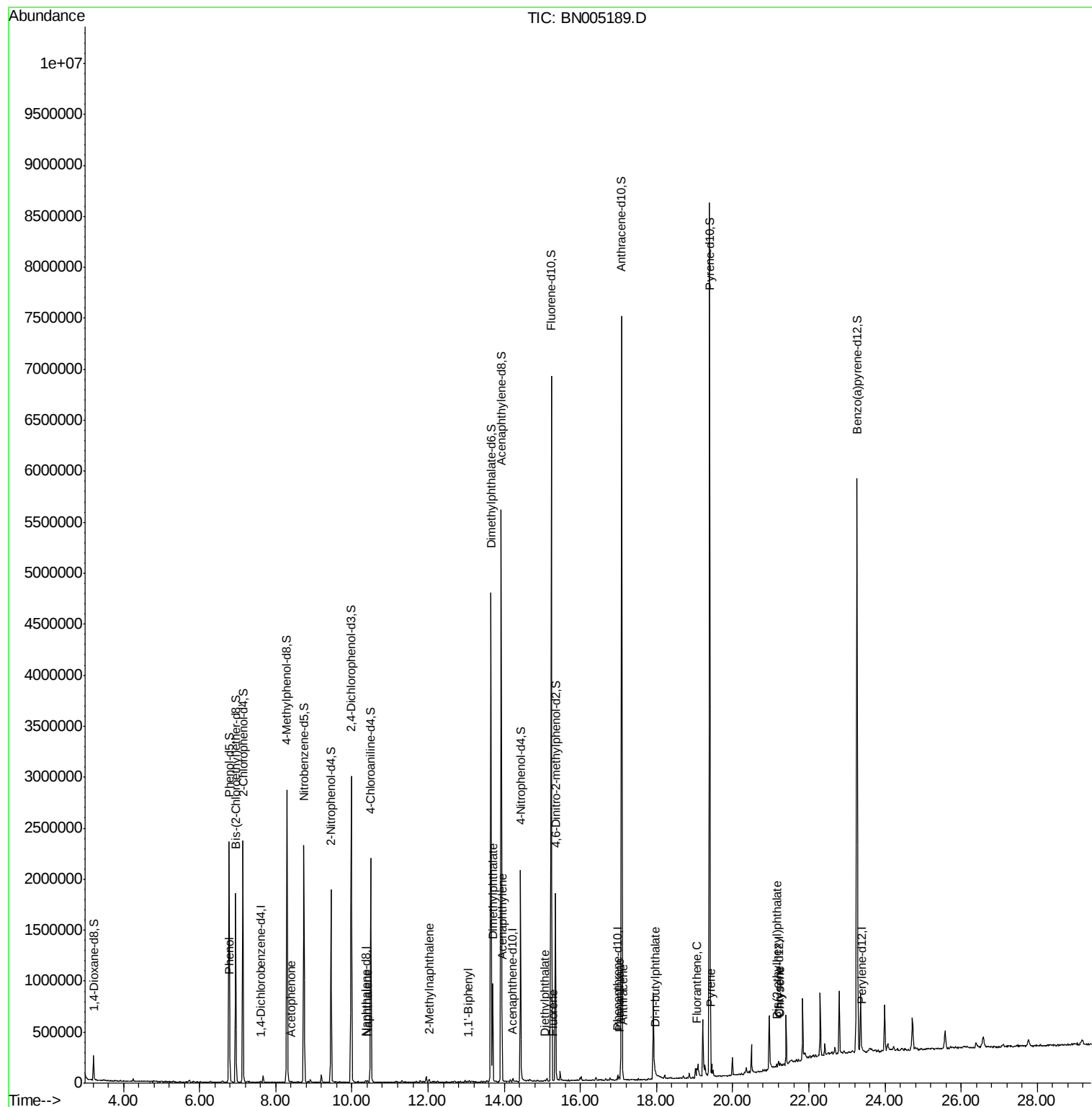
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

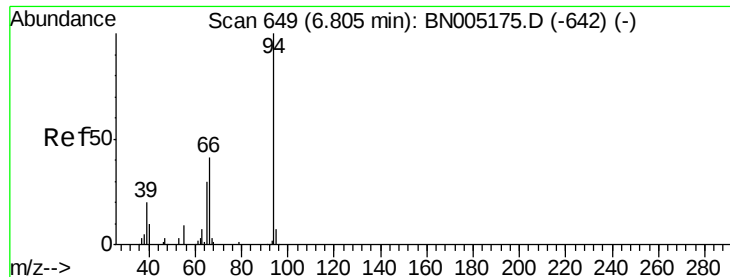
Instrument :
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Quant Time: Apr 23 04:59:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration





#6

Phenol

Concen: 62.731 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Instrument :

BNA_N

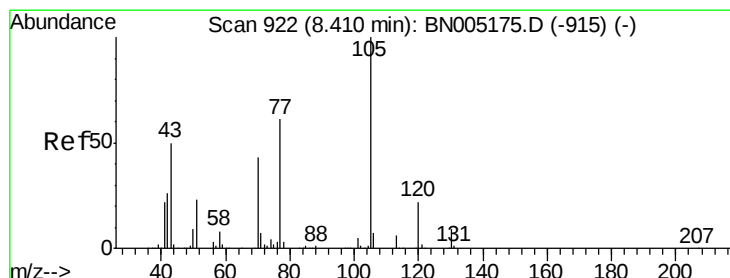
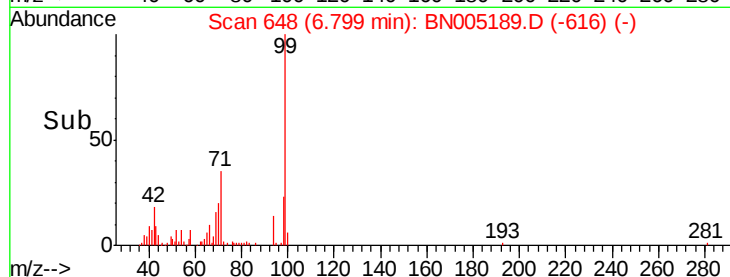
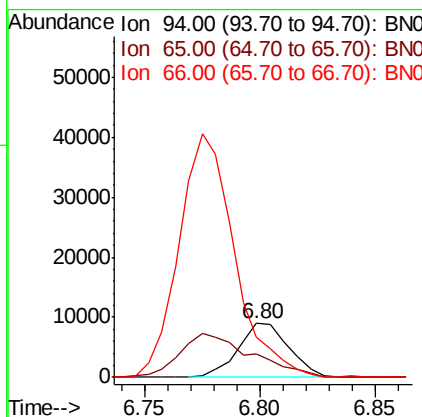
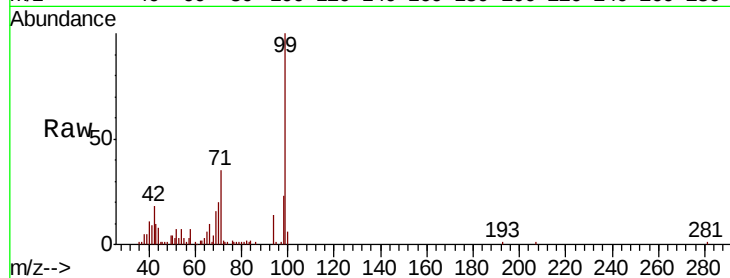
ClientSampled :

GAHR2

Tot Ion:	94	Resp:	13835
Ion Ratio	Lower	Upper	
94	100		
65	43.7	24.2	36.4#
66	73.8	33.8	50.6#

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#14

Acetophenone

Concen: 7.102 ng/ul

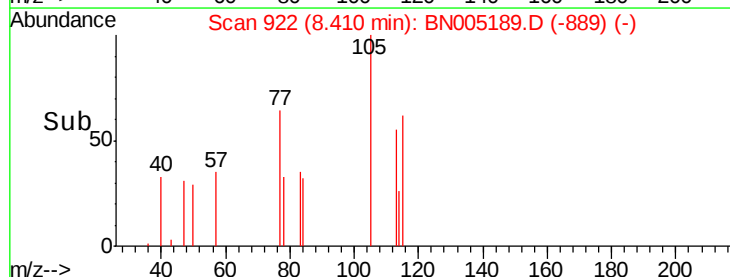
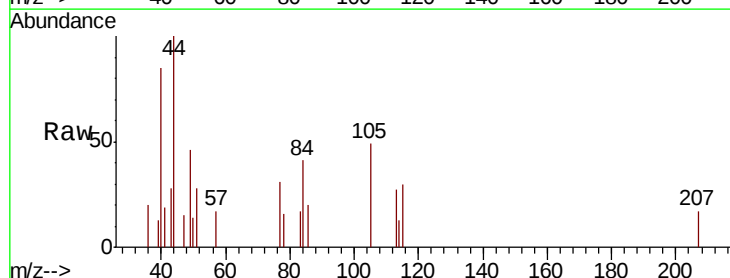
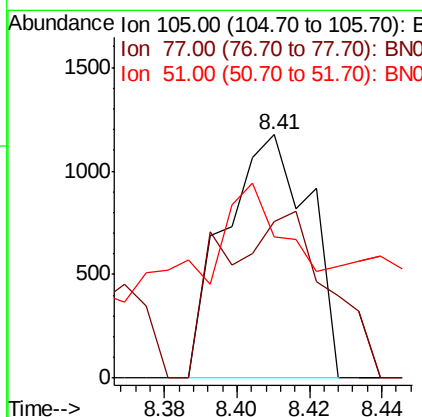
RT: 8.41 min Scan# 922

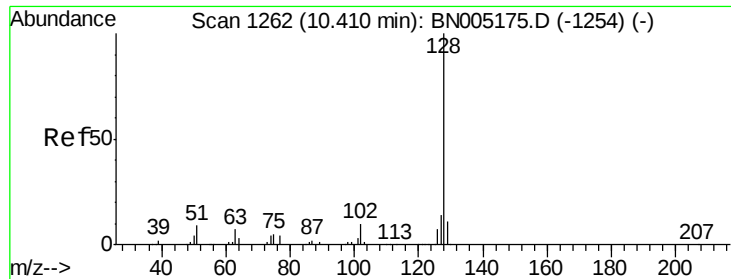
Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Tgt Ion:	105	Resp:	1905
Ion Ratio	Lower	Upper	
105	100		
77	64.5	63.4	95.0
51	58.0	24.2	36.4#





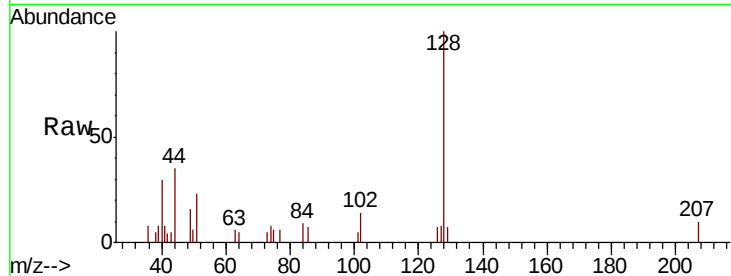
#28
Naphthalene
Concen: 18.604 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

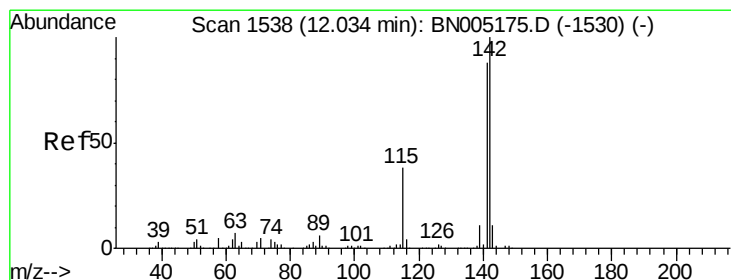
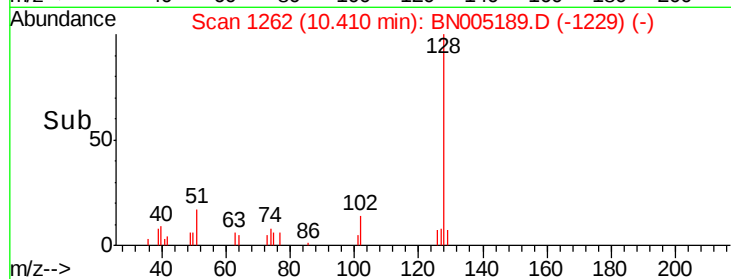
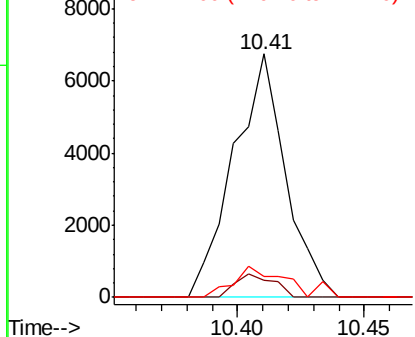
Tot Ion	Ratio	Lower	Upper
128	100		
129	7.2	9.2	13.8#
127	8.3	10.7	16.1#

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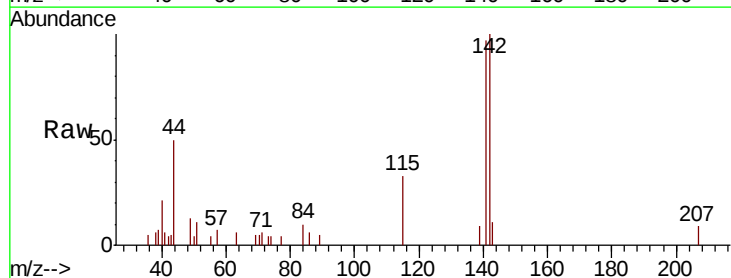


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

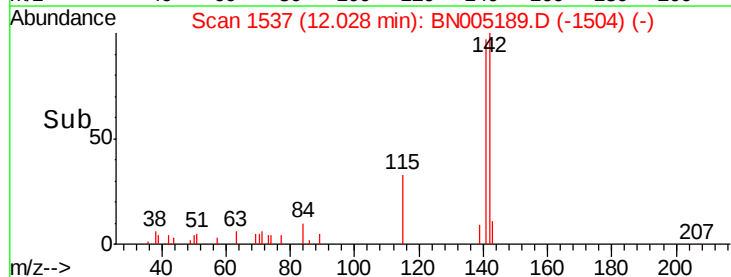
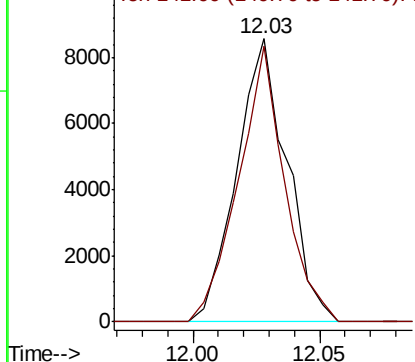


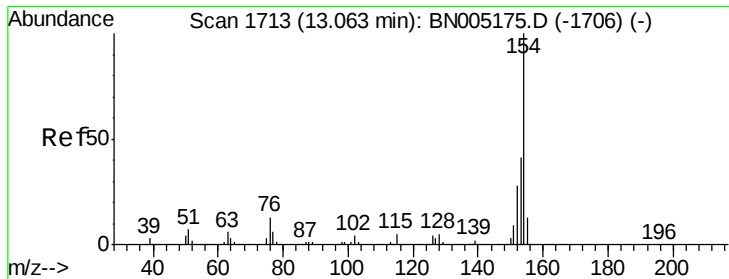
#34
2-Methylnaphthalene
Concen: 31.151 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.3	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: 2.445 ng/ul

RT: 13.06 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Instrument :

BNA_N

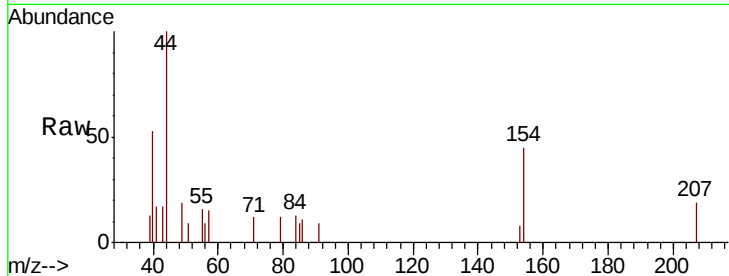
ClientSampleId :

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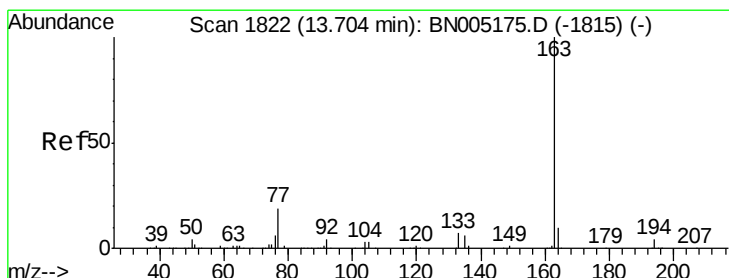
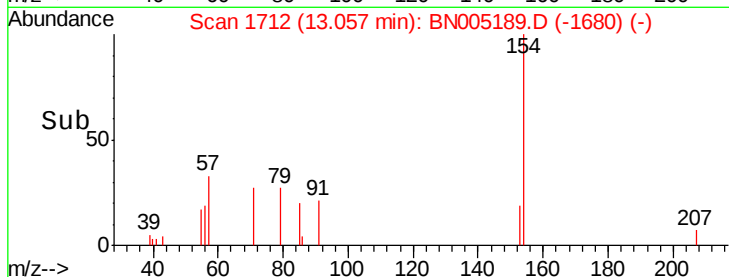
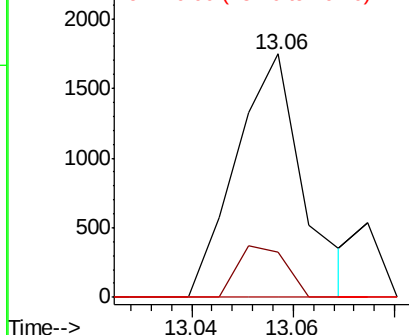
Tot Ion:	154	Resp:	1595
Ion Ratio	Lower	Upper	
154	100		
153	18.6	32.6	49.0#
76	0.0	10.4	15.6#

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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



#44

Dimethylphthalate

Concen: 917.341 ng/ul

RT: 13.70 min Scan# 1821

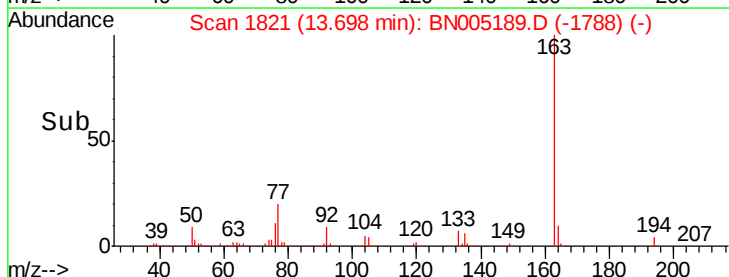
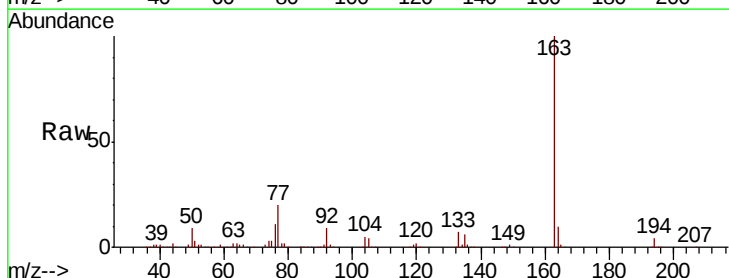
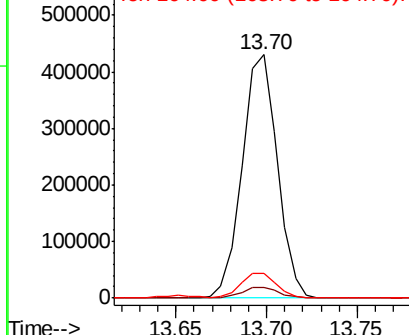
Delta R.T. -0.01 min

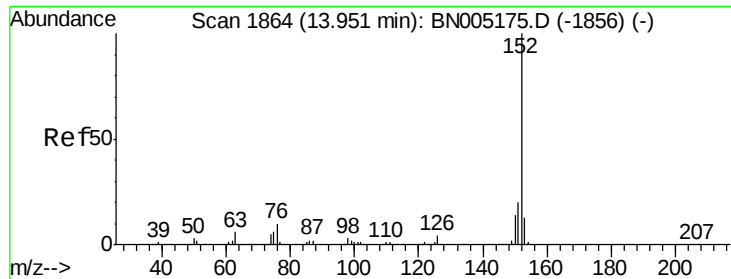
Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Tgt Ion:	163	Resp:	580853
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.3	8.1	12.1

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: 6.173 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Instrument :

BNA_N

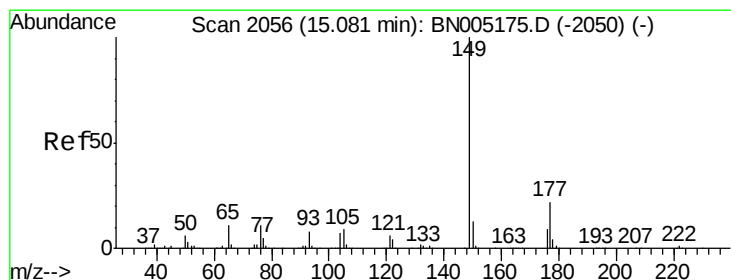
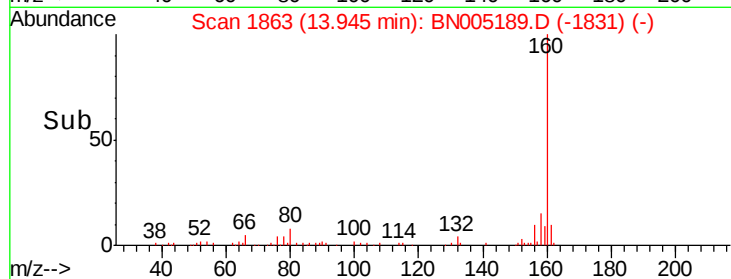
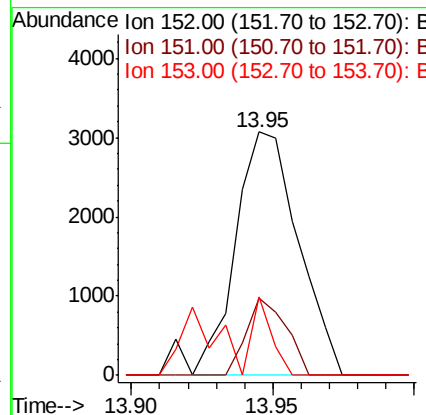
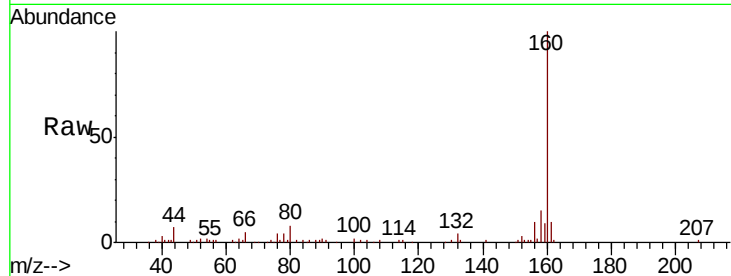
ClientSampleId :

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Tot Ion:	152	Resp:	4735
Ion Ratio	Lower	Upper	
152	100		
151	31.5	15.8	23.8#
153	32.3	9.8	14.8#

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#56

Diethylphthalate

Concen: 2.800 ng/ul

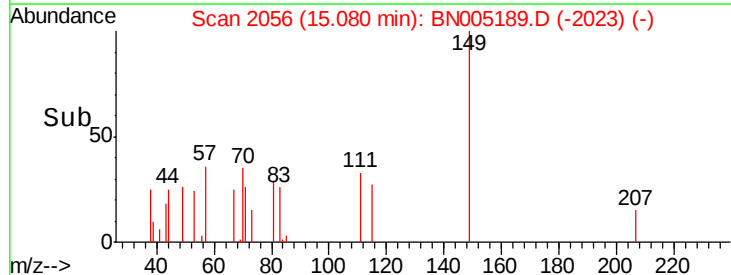
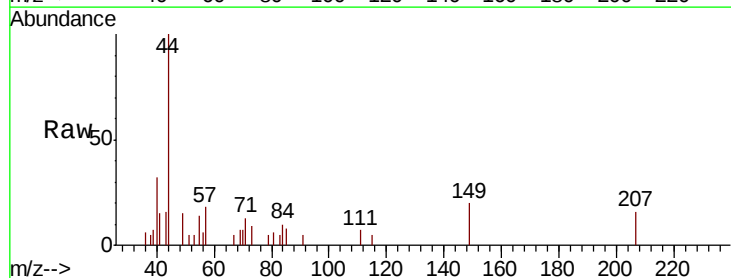
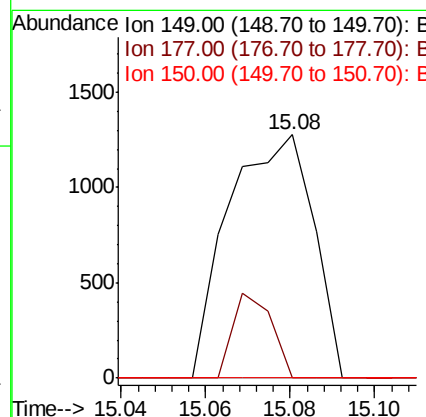
RT: 15.08 min Scan# 2056

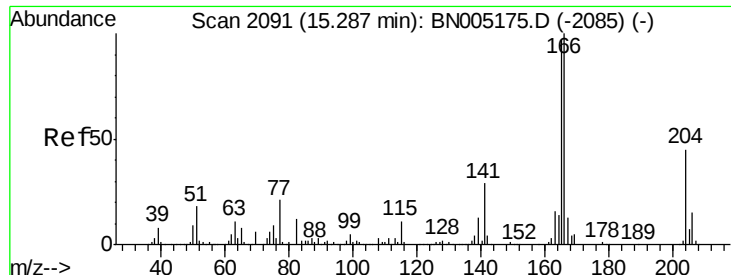
Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Tgt Ion:	149	Resp:	1778
Ion Ratio	Lower	Upper	
149	100		
177	0.0	17.7	26.5#
150	0.0	10.0	15.0#





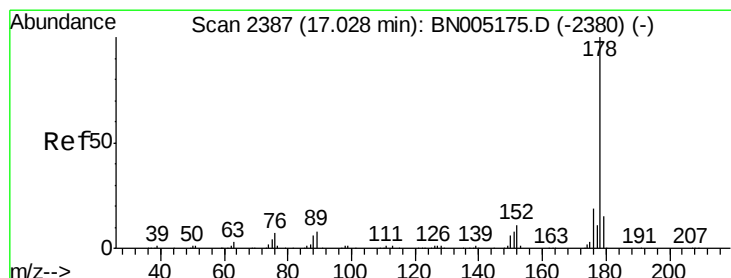
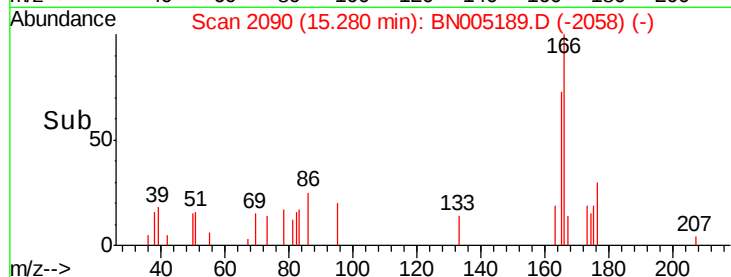
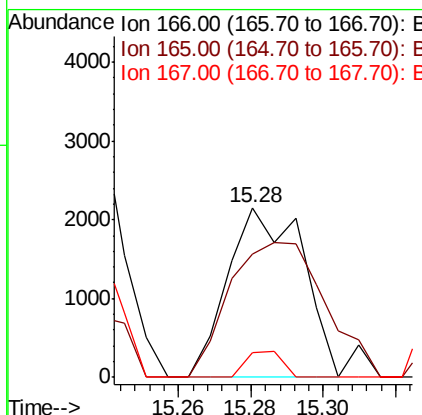
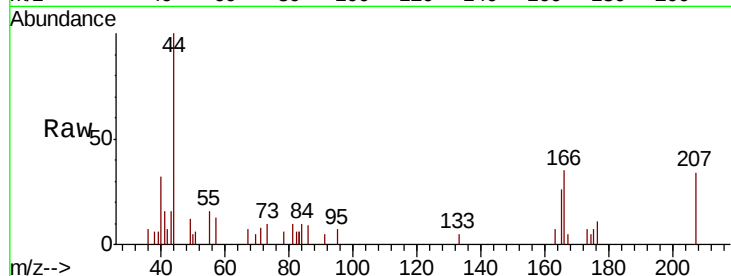
#58
 Fluorene
 Concen: 5.263 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005189.D
 Acq: 22 Apr 2019 23:53

Instrument :
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 ClientSampled :
 GAHR2

Tot Ion	Ratio	Lower	Upper
166	100		
165	72.9	80.0	120.0#
167	14.4	10.7	16.1

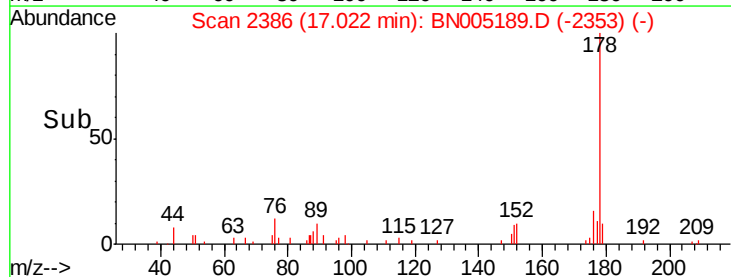
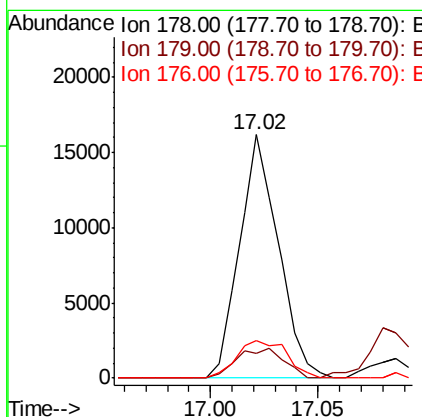
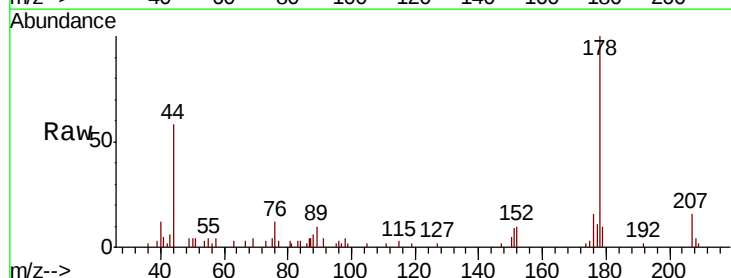
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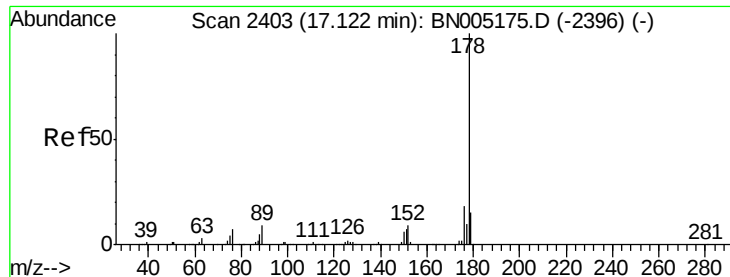
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#69
 Phenanthrene
 Concen: 17.303 ng/ul m
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BN005189.D
 Acq: 22 Apr 2019 23:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	10.2	12.2	18.4#
176	15.6	15.1	22.7





#71

Anthracene

Concen: 2.759 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Instrument :

BNA_N

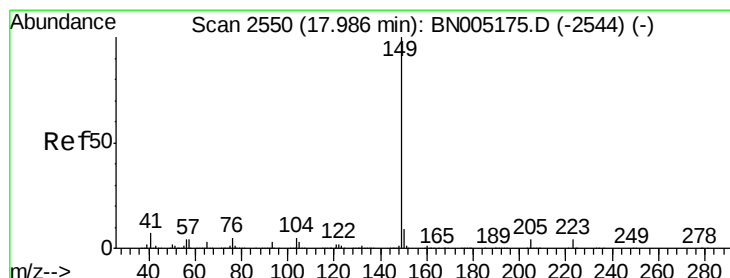
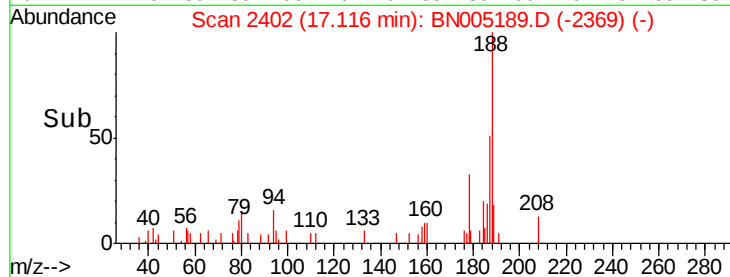
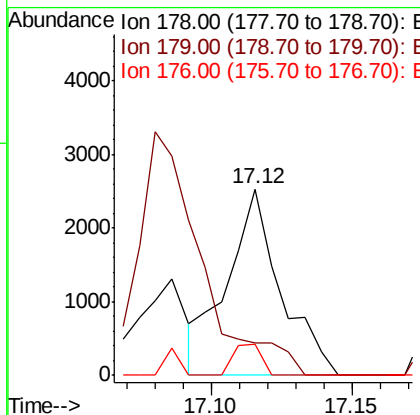
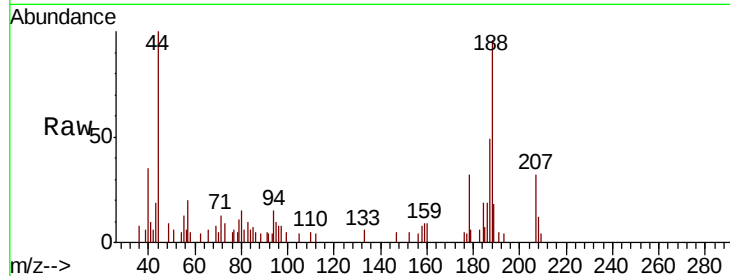
ClientSampleId :

GAHR2

Tot Ion:	178	Resp:	3329
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.3	18.5
176	16.6	15.1	22.7

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#75

Di-n-butylphthalate

Concen: 6.377 ng/ul

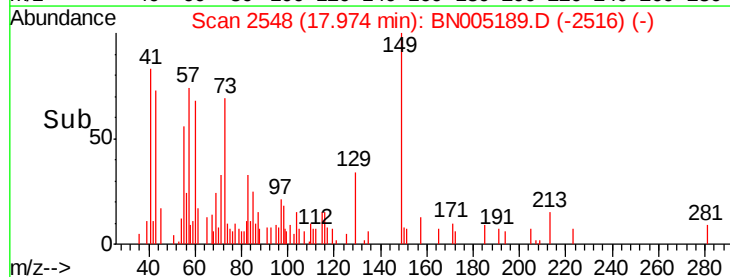
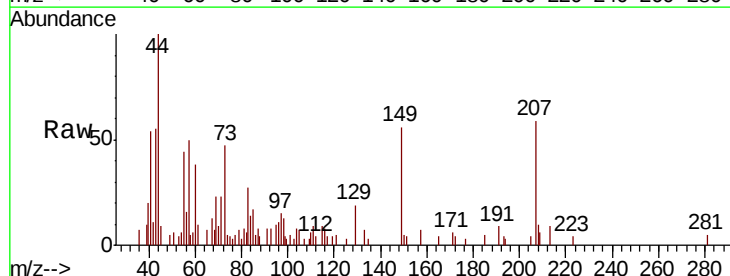
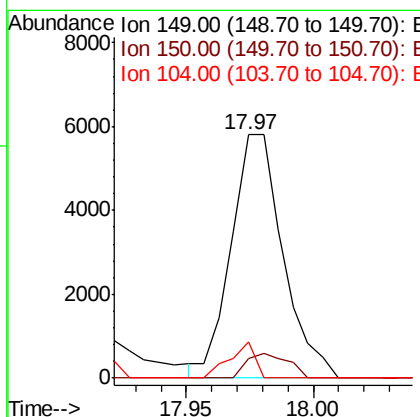
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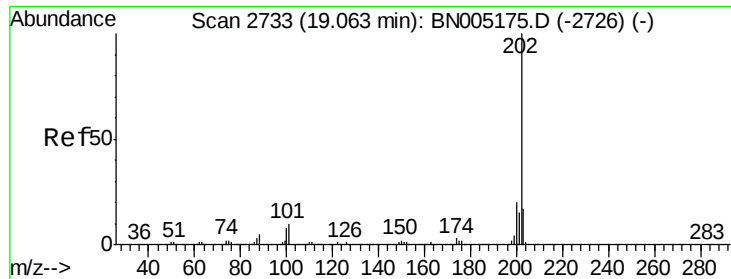
Delta R.T. -0.01 min

Lab File: BN005189.D

Acq: 22 Apr 2019 23:53

Tgt Ion:	149	Resp:	8294
Ion Ratio	Lower	Upper	
149	100		
150	8.2	7.3	10.9
104	15.2	4.2	6.2#





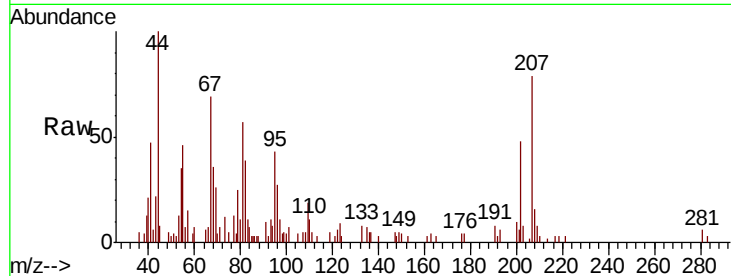
#76
Fluoranthene
Concen: 6.462 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

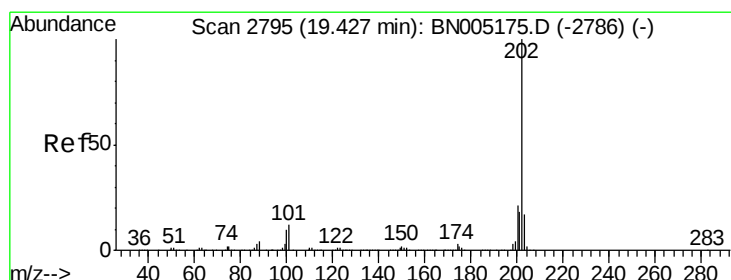
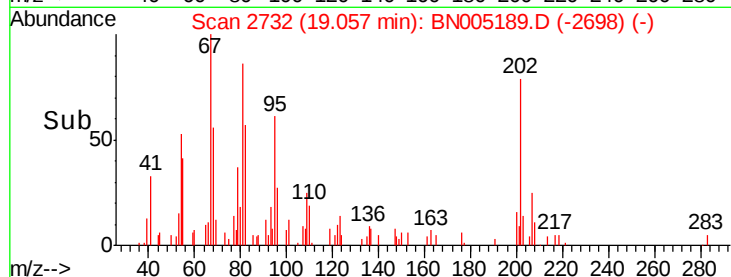
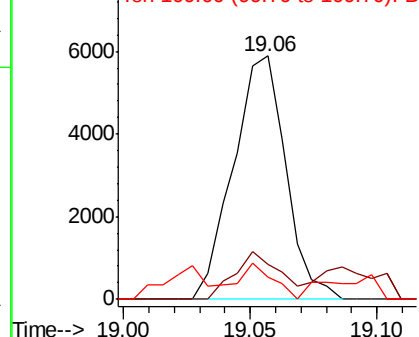
Tot Ion	Ratio	Resp	Lower	Upper
202	100	8490		
101	14.6	8.6	12.8#	
100	9.0	6.3	9.5	

Manual Integrations
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Sohil
4/23/2019 4:19:41 PM

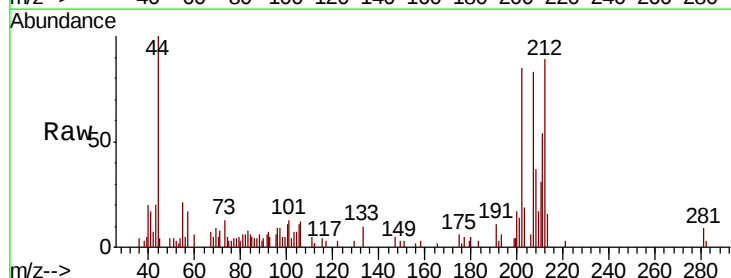


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

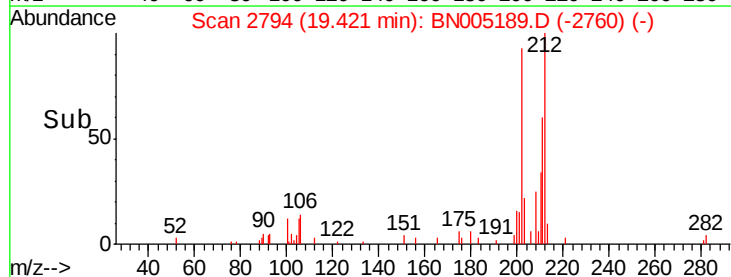
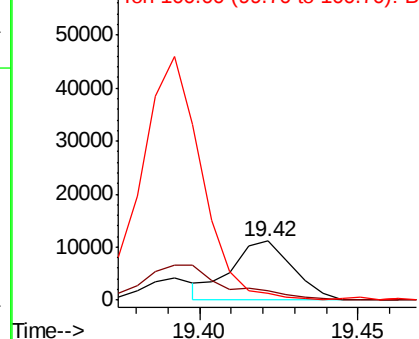


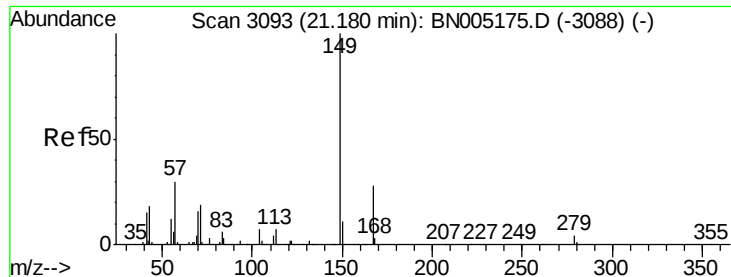
#79
Pyrene
Concen: 9.718 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14948		
101	15.7	10.3	15.5#	
100	12.4	7.9	11.9#	



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





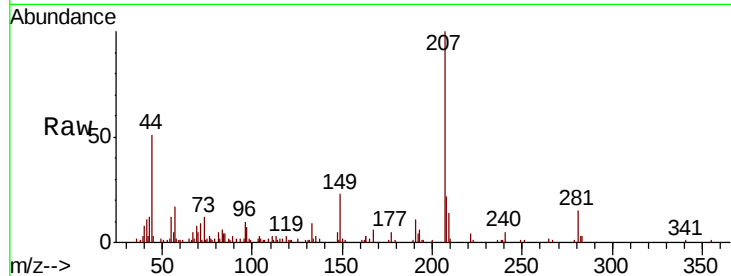
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.703 ng/ul
 RT: 21.16 min Scan# 3089
 Delta R.T. 0.01 min
 Lab File: BN005189.D
 Acq: 22 Apr 2019 23:53

Instrument :
 BNA_N
 ClientSampled :
 GAHR2

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.3	33.5
279	6.1	3.3	4.9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:19:41 PM

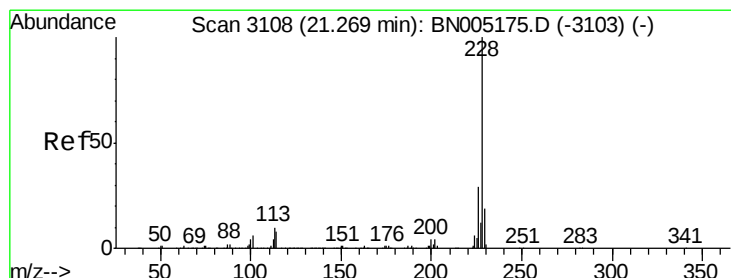
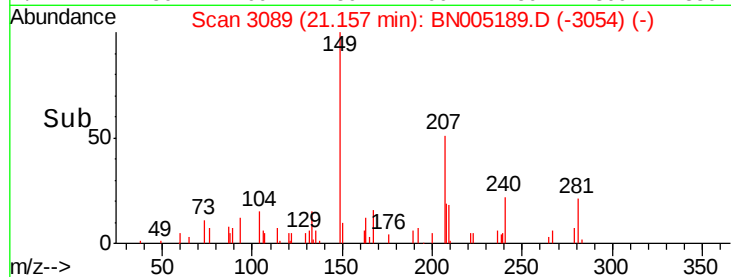
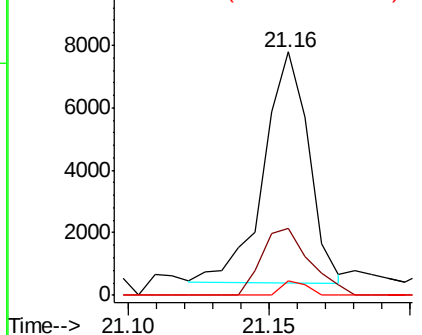


Abundance

Ion 149.00 (148.70 to 149.70): E

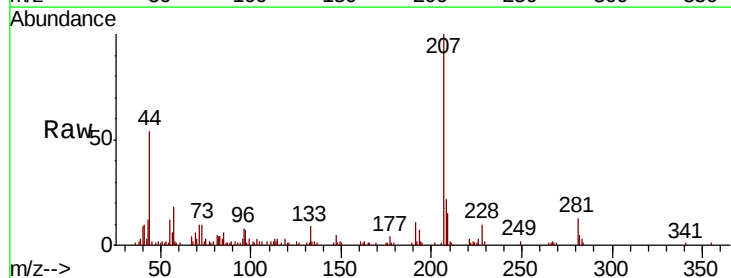
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 3.994 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BN005189.D
 Acq: 22 Apr 2019 23:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	23.6	15.4	23.0



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

