

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005190.D
 Acq On : 23 Apr 2019 00:28
 Operator : JU/SJ
 Sample : K2455-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR5

Manual Integrations
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 4/23/2019 4:19:43 PM

Quant Time: Apr 23 04:28:54 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	632622	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2515950	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	1691893	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	4030037	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	3430699	20.00	ng/ul	0.02
85) Perylene-d12	23.42	264	3407887	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	122154	9.32	ng/uL	0.00
5) Phenol-d5	6.78	99	1644984	33.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	1043517	33.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1303081	34.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1160337	29.88	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	643182	41.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	697648	44.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1236588	34.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	2627851	70.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	3732044	30.39	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	4604382	30.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	616857	31.81	ng/ul	0.00
57) Fluorene-d10	15.23	176	3195915	31.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	477016	26.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	4954035	29.32	ng/ul	0.00
78) Pyrene-d10	19.40	212	5445750	31.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	4505276	30.25	ng/ul	0.04

Target Compounds

					Ovalue	
40) 1,1'-Biophenyl	13.06	154	191263	1.517	ng/ul	92
44) Dimethylphthalate	13.70	163	792622	6.477	ng/ul#	98
47) Acenaphthylene	13.96	152	384564	2.594	ng/ul#	58
49) Acenaphthene	14.30	153	349268	3.451	ng/ul	98
53) Dibenzofuran	14.64	168	441928m	3.033	ng/ul	
58) Fluorene	15.29	166	1310777	11.528	ng/ul#	96
69) Phenanthrene	17.03	178	5174873	26.366	ng/ul	99
71) Anthracene	17.12	178	631927	3.161	ng/ul	98
76) Fluoranthene	19.06	202	1058104	4.860	ng/ul	99
79) Pyrene	19.43	202	1689883	7.650	ng/ul	98
82) Benzo(a)anthracene	21.20	228	529772	2.482	ng/ul	97
84) Chrysene	21.25	228	534829	2.700	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	280738	1.465	ng/ul	98

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

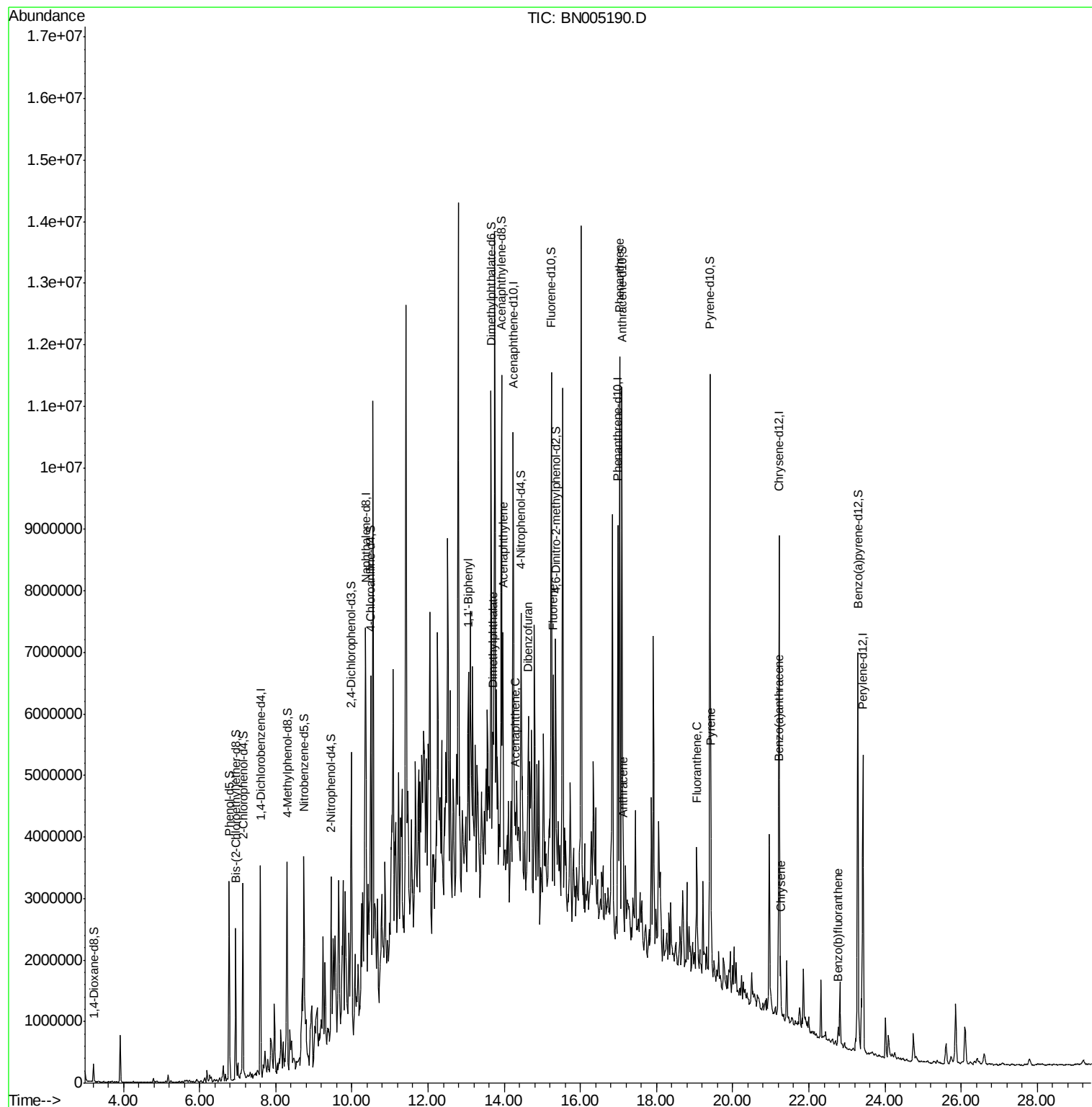
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005190.D
Acq On : 23 Apr 2019 00:28
Operator : JU/SJ
Sample : K2455-15
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ALS Vial : 26 Sample Multiplier: 1

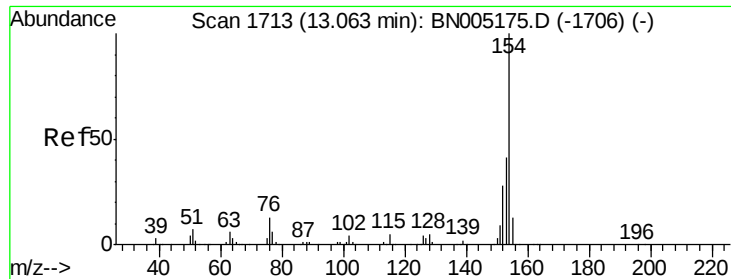
Instrument :
BNA_N
ClientSampled :
GAHR5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





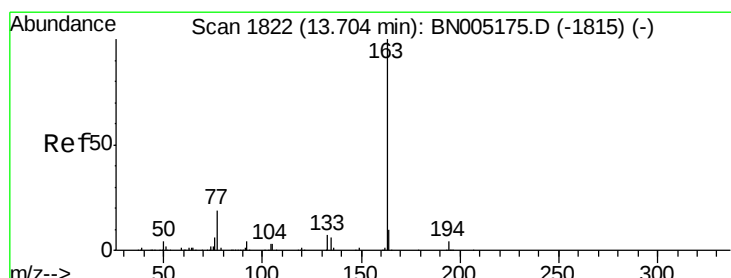
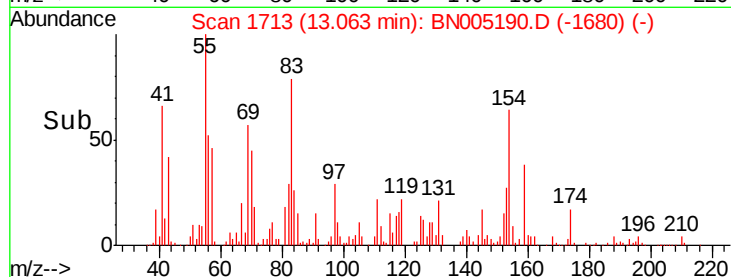
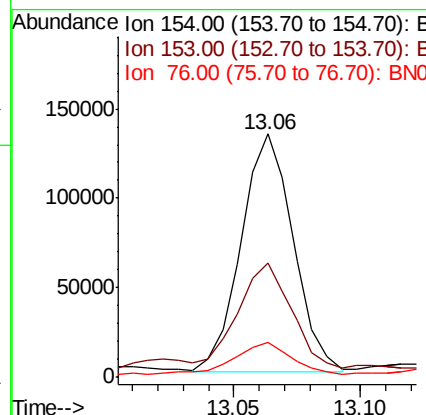
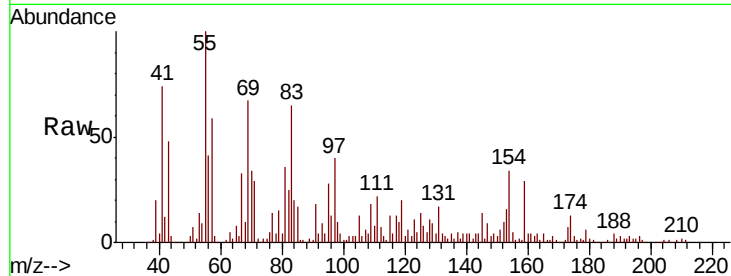
#40
1,1'-Biphenyl
Concen: 1.517 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tot Ion	Ratio	Resp	Lower	Upper
154	100	191263		
153	47.0	32.6	49.0	
76	14.4	10.4	15.6	

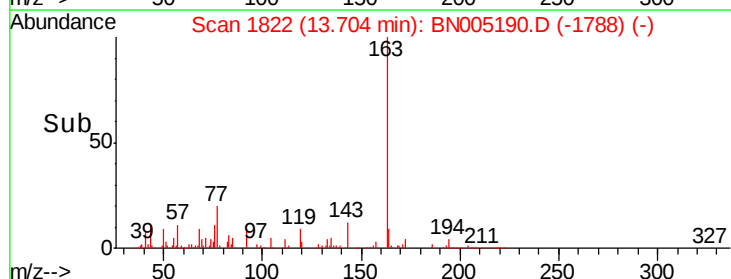
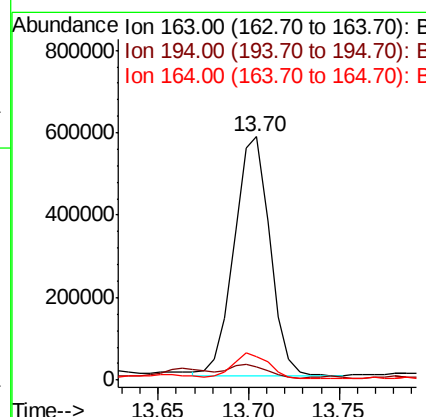
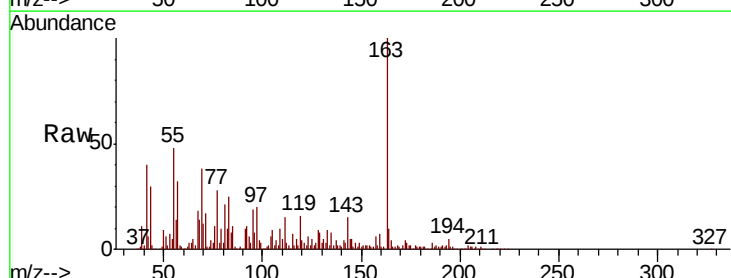
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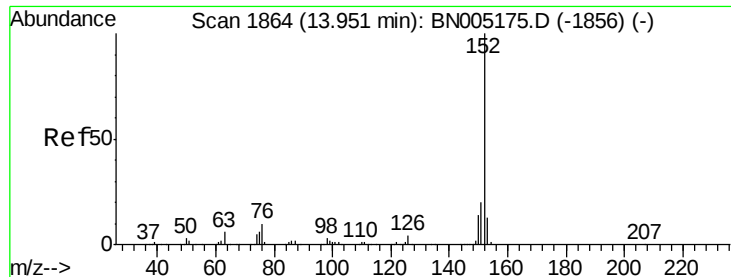
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#44
Dimethylphthalate
Concen: 6.477 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	792622		
194	5.5	3.4	5.0#	
164	9.9	8.1	12.1	





#47

Acenaphthylene

Concen: 2.594 ng/ul

RT: 13.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN005190.D

Acq: 23 Apr 2019 00:28

Instrument :

BNA_N

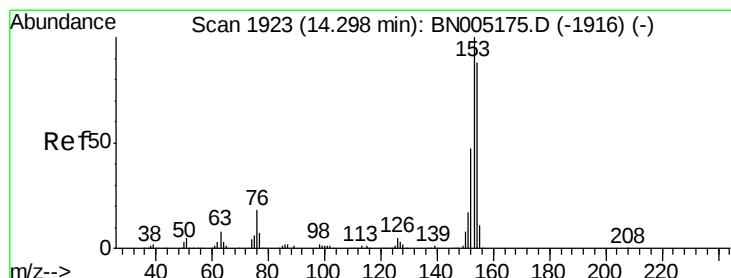
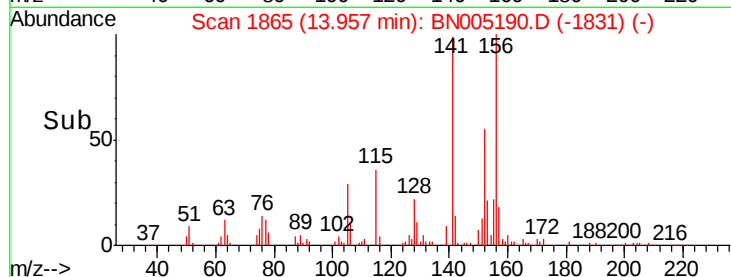
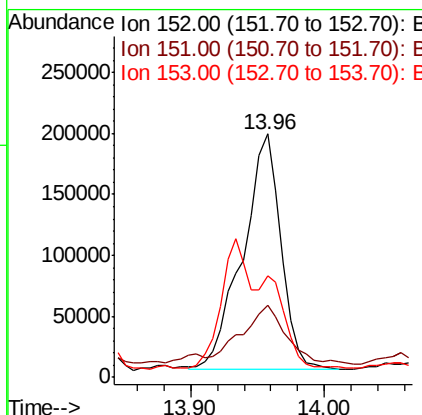
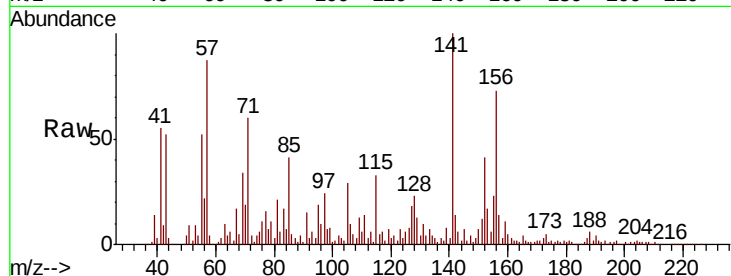
ClientSampled :

GAHR5

Tot Ion:	152	Resp:	384564
Ion Ratio	Lower	Upper	
152	100		
151	29.8	15.8	23.8#
153	41.6	9.8	14.8#

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#49

Acenaphthene

Concen: 3.451 ng/ul

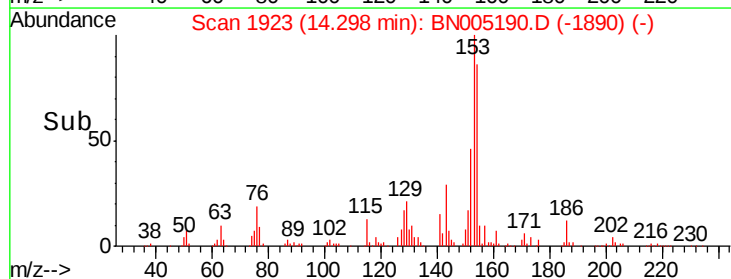
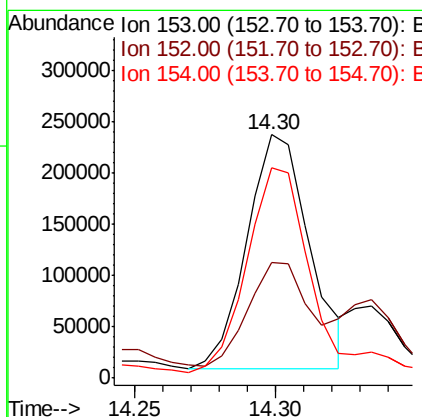
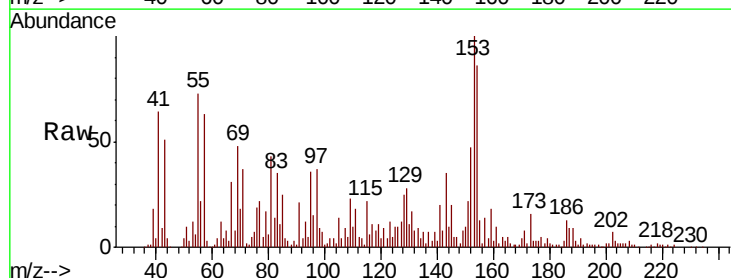
RT: 14.30 min Scan# 1923

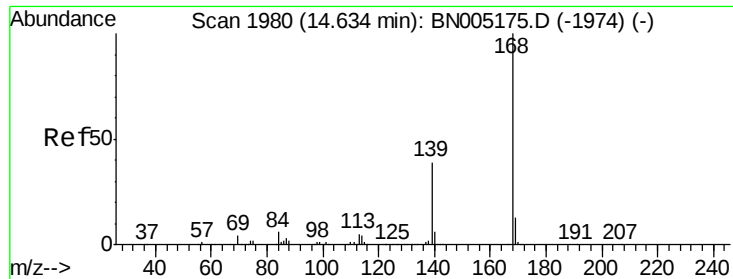
Delta R.T. -0.01 min

Lab File: BN005190.D

Acq: 23 Apr 2019 00:28

Tgt Ion:	153	Resp:	349268
Ion Ratio	Lower	Upper	
153	100		
152	47.4	37.4	56.0
154	86.4	71.2	106.8





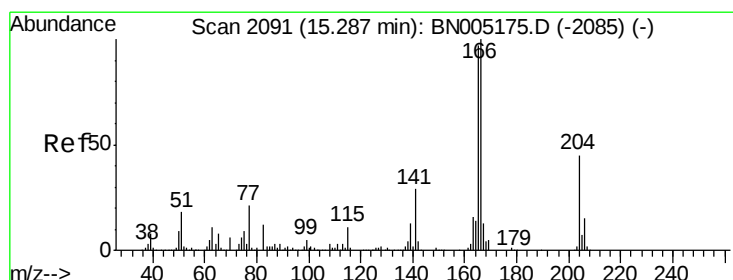
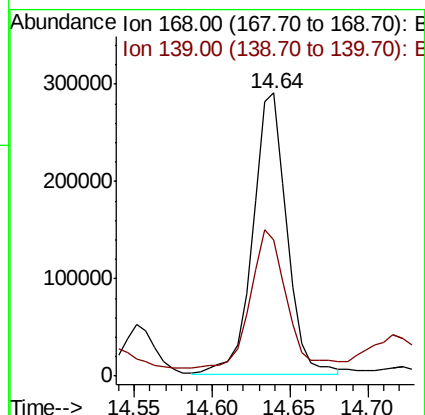
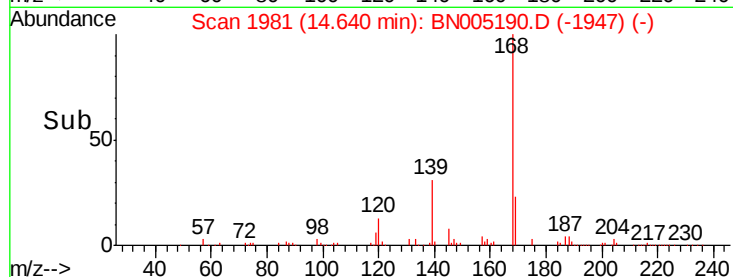
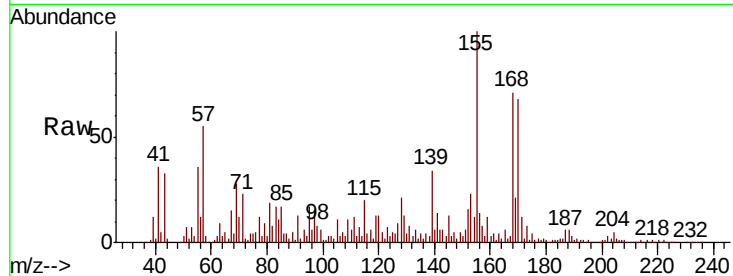
#53
Dibenzenofuran
Concen: 3.033 ng/ul m
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:168 Resp: 441928
Ion Ratio Lower Upper
168 100
139 48.1 30.9 46.3#

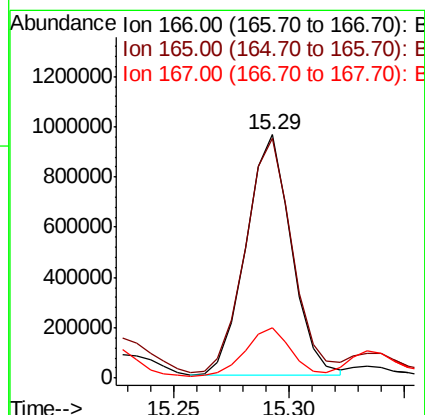
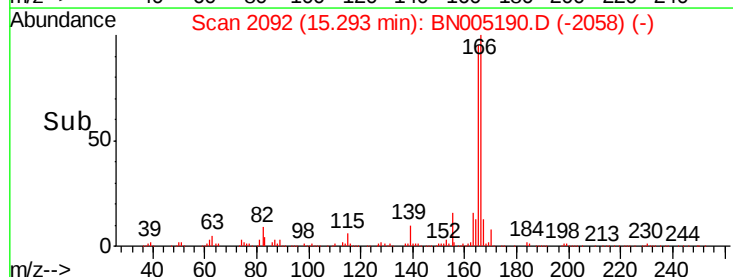
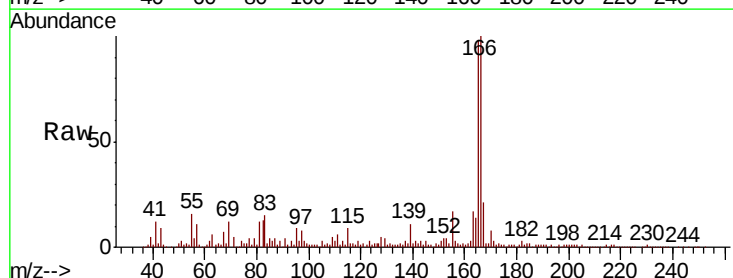
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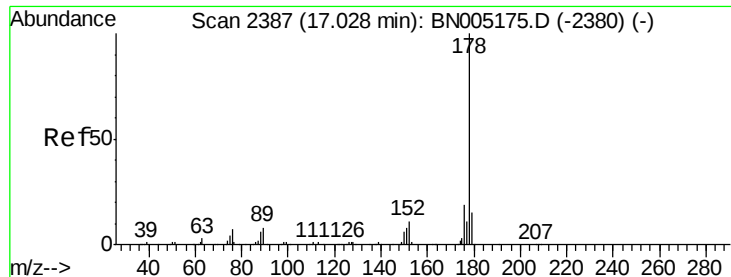
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#58
Fluorene
Concen: 11.528 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:166 Resp: 1310777
Ion Ratio Lower Upper
166 100
165 98.3 80.0 120.0
167 20.9 10.7 16.1#





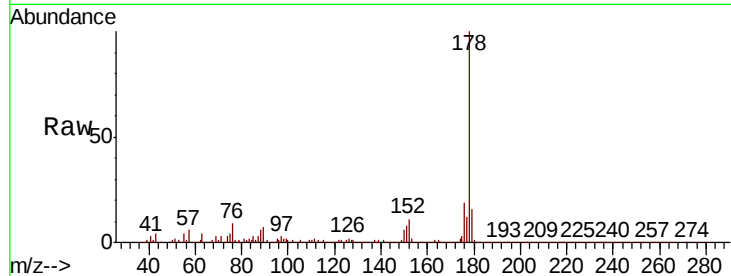
#69
Phenanthrene
Concen: 26.366 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampled :
GAHR5

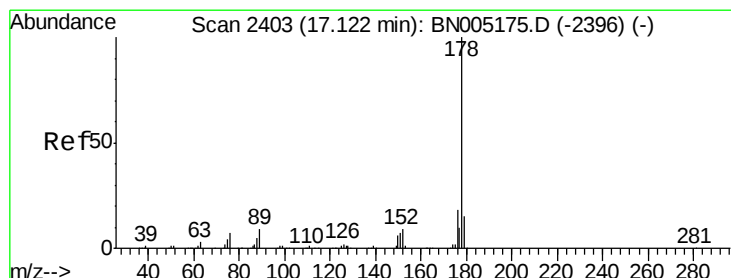
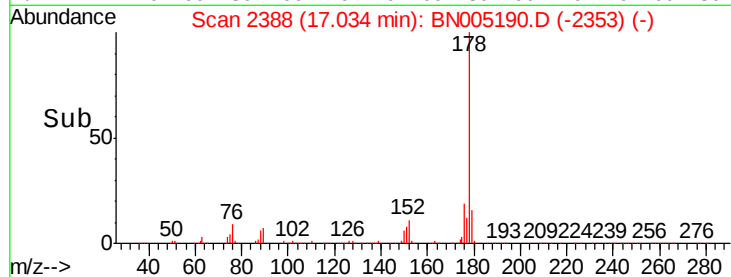
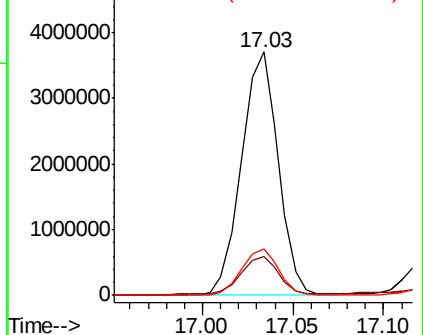
Tot Ion:178 Resp: 5174873
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 19.2 15.1 22.7

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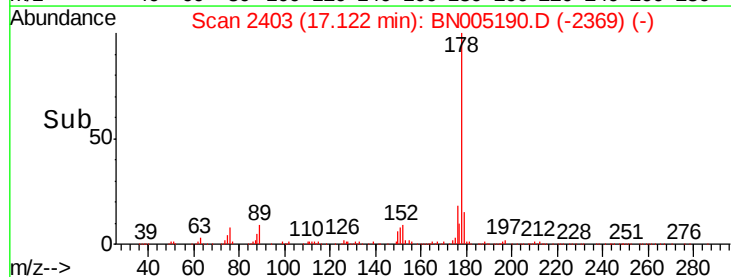
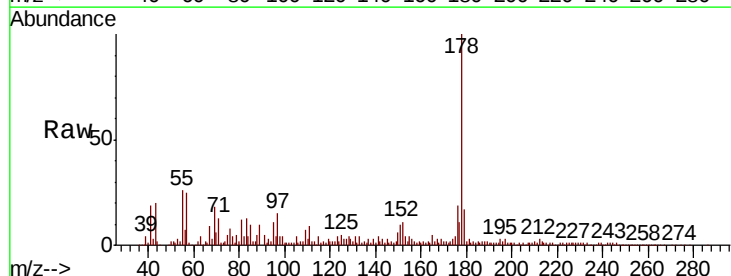
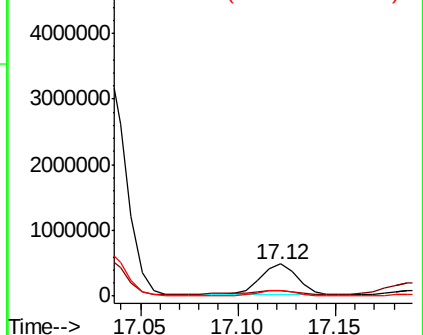
Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

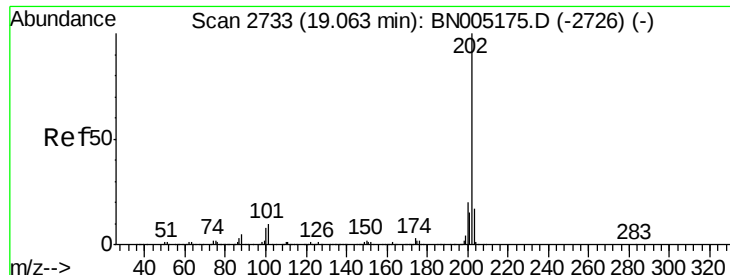


#71
Anthracene
Concen: 3.161 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:178 Resp: 631927
Ion Ratio Lower Upper
178 100
179 17.4 12.3 18.5
176 18.9 15.1 22.7

Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 4.860 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BN005190.D

Acq: 23 Apr 2019 00:28

Instrument :

BNA_N

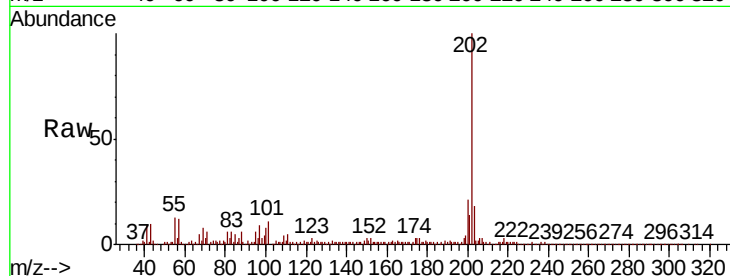
ClientSampled :

GAHR5

Tot Ion:	202	Resp:	1058104
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	12.8
100	8.2	6.3	9.5

Manual Integrations
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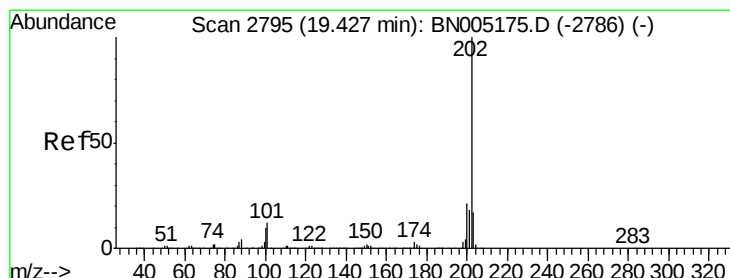
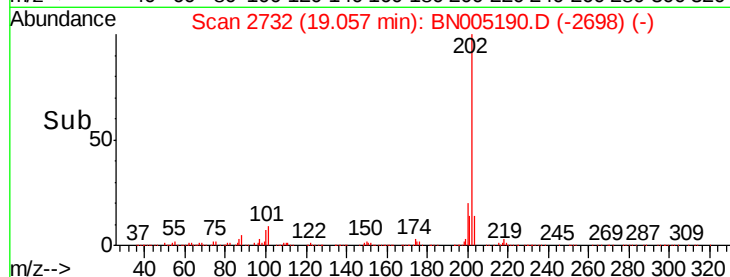
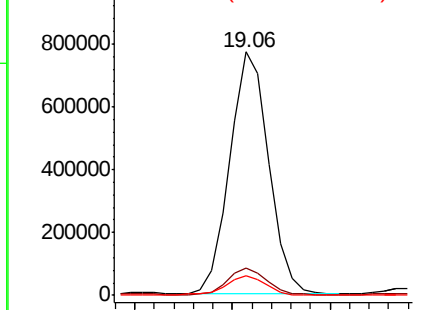


Abundance

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



#79

Pyrene

Concen: 7.650 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005190.D

Acq: 23 Apr 2019 00:28

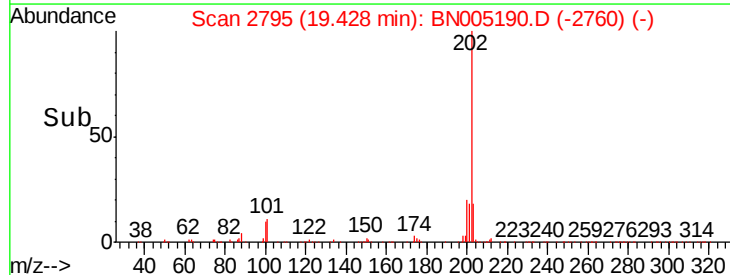
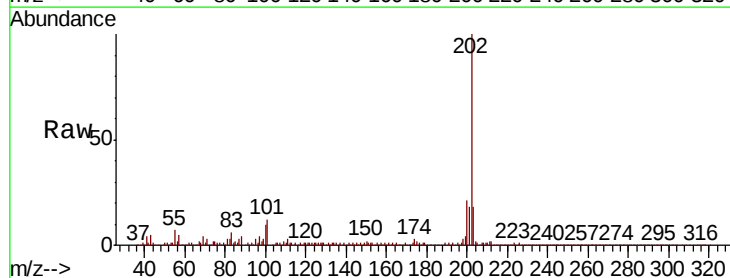
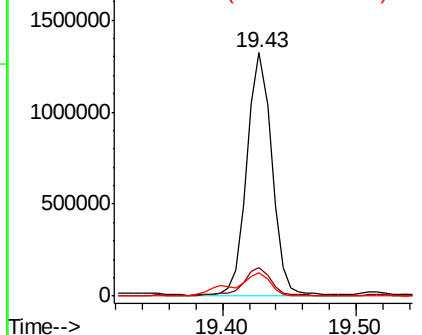
Tgt Ion:	202	Resp:	1689883
Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.3	15.5
100	9.8	7.9	11.9

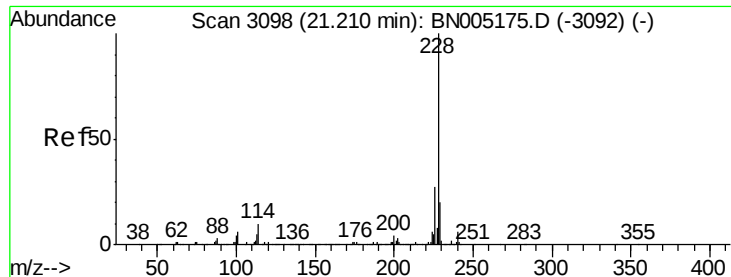
Abundance

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





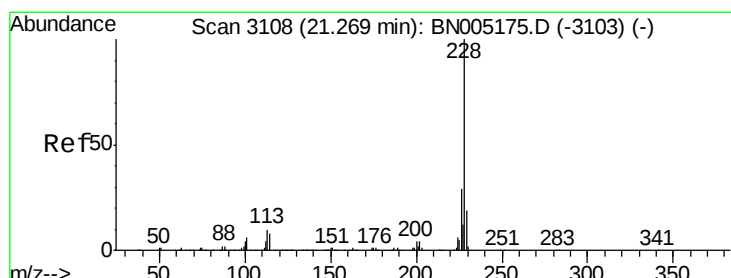
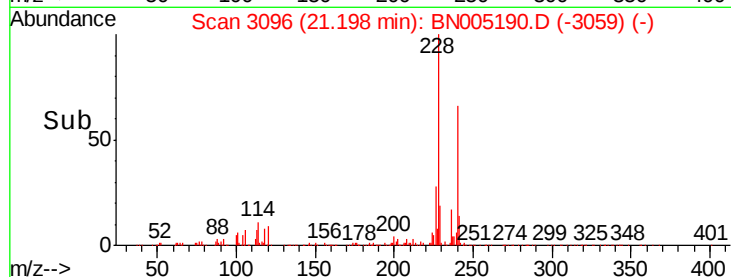
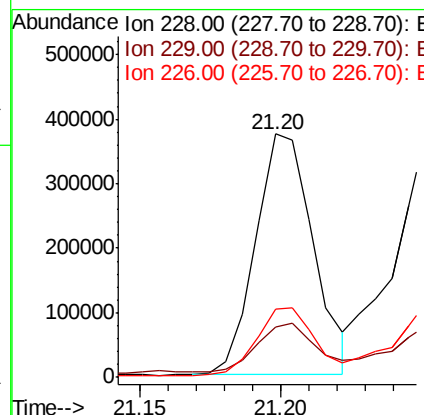
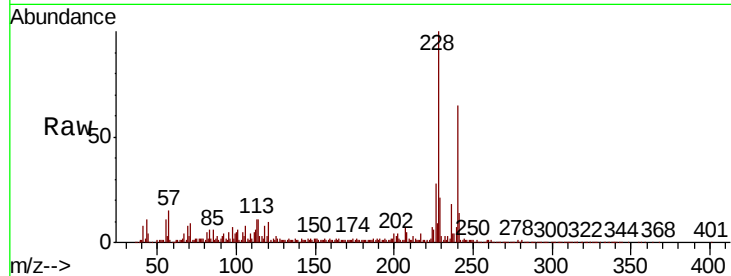
#82
Benzo(a)anthracene
Concen: 2.482 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.02 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampled :
GAHR5

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	28.3	21.4	32.2

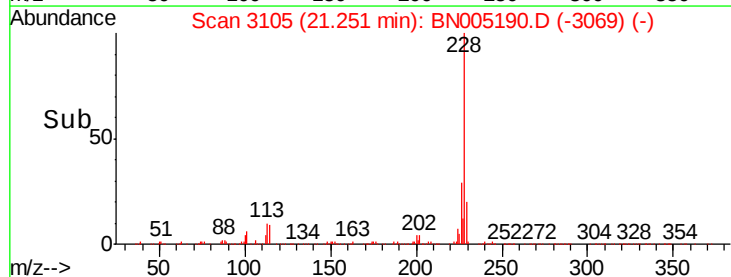
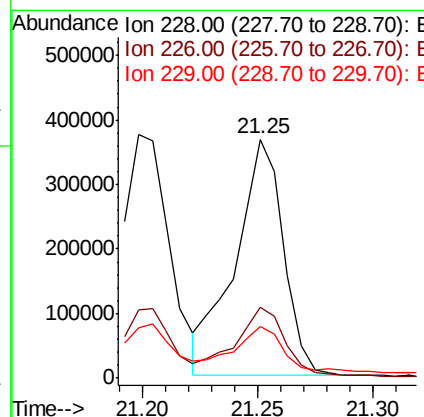
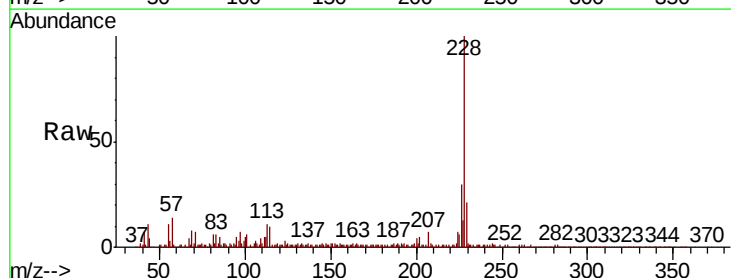
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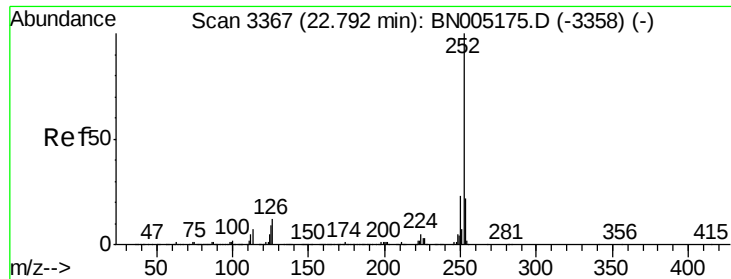
Sohil
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#84
Chrysene
Concen: 2.700 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.4	15.4	23.0





#87
Benzo(b)fluoranthene
Concen: 1.465 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.04 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tot Ion:	252	Resp:	280738
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	12.3	8.4	12.6

Manual Integrations
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