

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005467.D
 Acq On : 04 May 2019 00:42
 Operator : JU/SJ
 Sample : K2456-03MEDL 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS3MEDL

Manual Integrations
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mohammad
 5/7/2019 8:21:30 AM

Quant Time: May 04 07:23:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	218473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	953497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	585059	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1288372m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1174777	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1239561	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1341	0.30	ng/uL	0.00
5) Phenol-d5	6.77	99	23152	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	14784	1.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	19851	1.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	13412	1.00	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	10663	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	9158	1.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	14860	1.09	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	18005	1.28	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	73175	1.72	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	93338	1.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	2109m	0.31	ng/ul	0.06
57) Fluorene-d10	15.22	176	67907	1.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	1850m	0.32	ng/ul	0.01
70) Anthracene-d10	17.07	188	102066	1.89	ng/ul	0.00
78) Pyrene-d10	19.39	212	108910	1.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	93950	1.73	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	2280127	51.439	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	672297	20.714	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	110819	2.542	ng/ul#	95
47) Acenaphthylene	13.94	152	356094	6.946	ng/ul	98
58) Fluorene	15.28	166	252153	6.413	ng/ul	99
69) Phenanthrene	17.02	178	1213090m	19.333	ng/ul	
71) Anthracene	17.11	178	257043	4.021	ng/ul	99
76) Fluoranthene	19.06	202	466769	6.707	ng/ul	96
79) Pyrene	19.42	202	675502	8.930	ng/ul	94
82) Benzo(a)anthracene	21.20	228	222718m	3.047	ng/ul	
84) Chrysene	21.25	228	196121	2.891	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	144922	2.080	ng/ul	99
90) Benzo(a)pyrene	23.33	252	153594	2.345	ng/ul	98

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

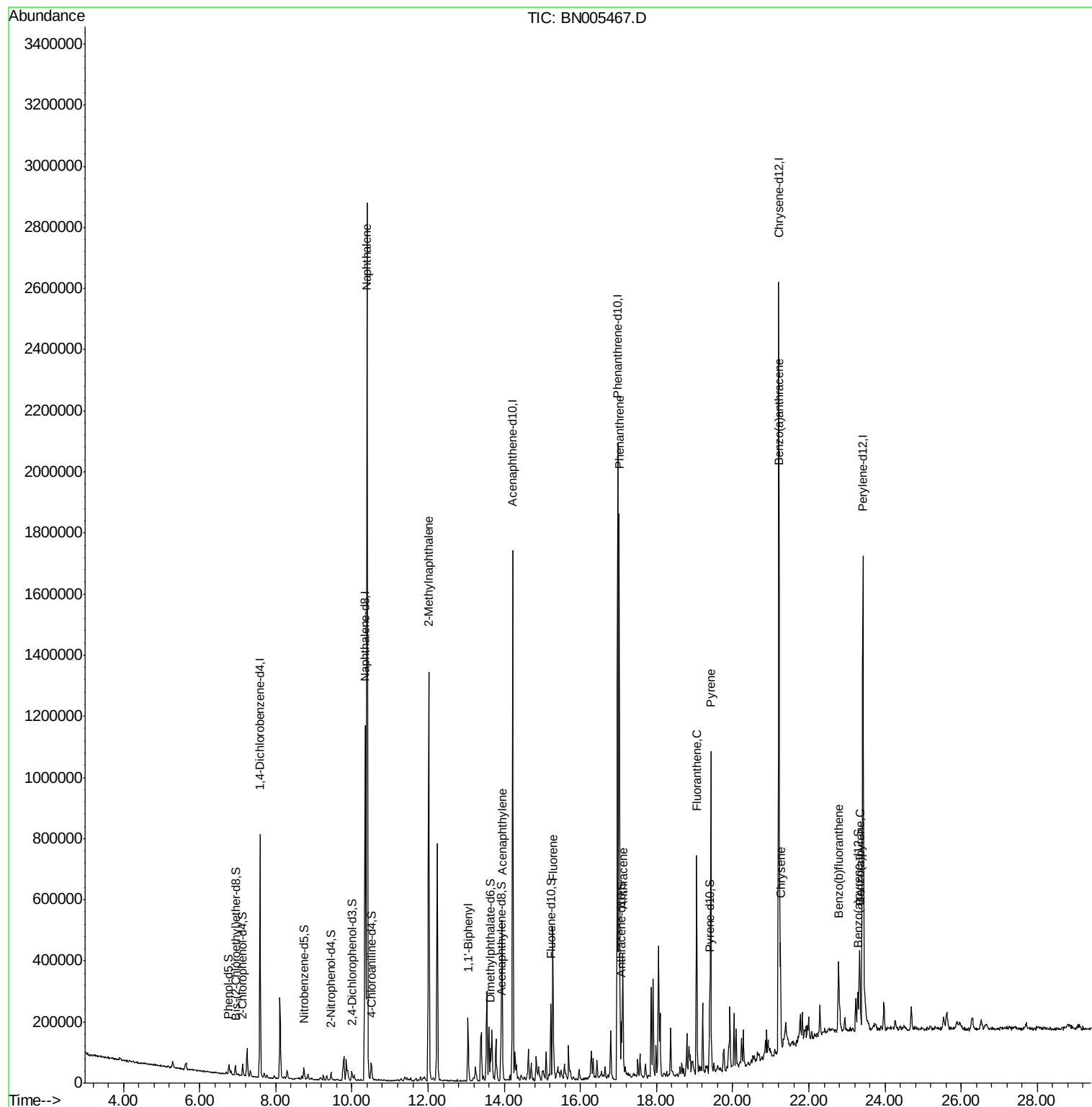
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005467.D
Acq On : 04 May 2019 00:42
Operator : JU/SJ
Sample : K2456-03MEDL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

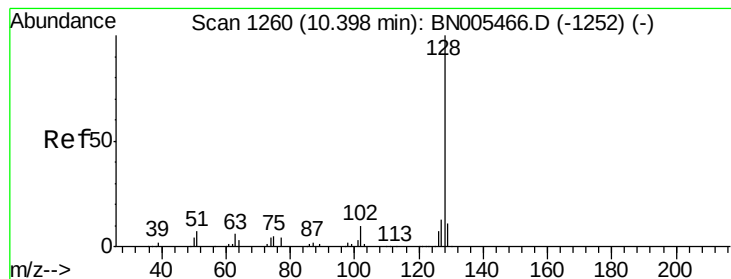
Instrument :
BNA_N
ClientSampleId :
GAHS3MEDL

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Quant Time: May 04 07:23:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 51.439 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

Instrument :

BNA_N

ClientSampleId :

GAHS3MEDL

Tot Ion:128 Resp: 2280127

Ion Ratio Lower Upper

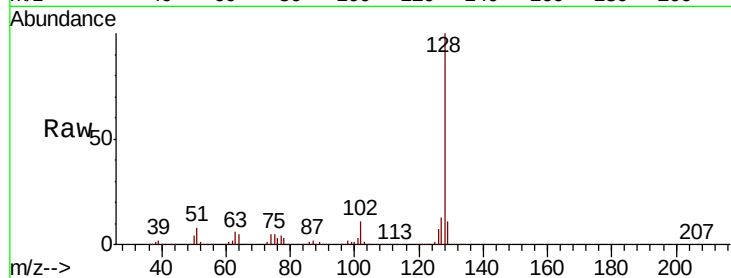
128 100

129 10.8 9.2 13.8

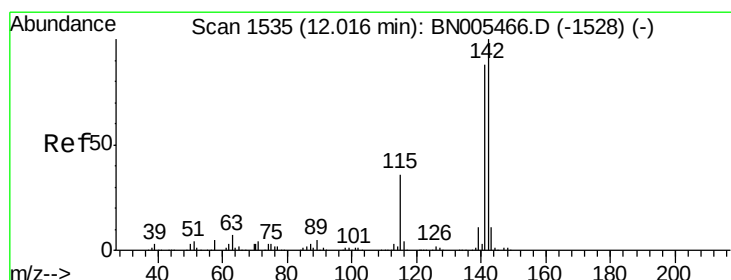
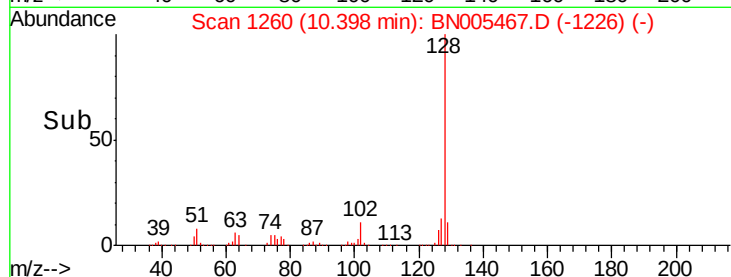
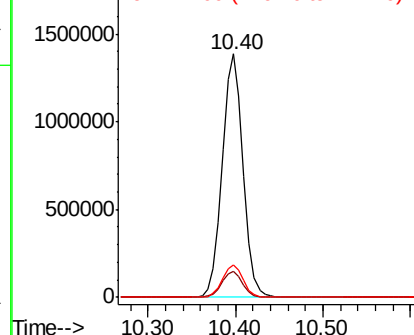
127 13.4 10.7 16.1

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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: 20.714 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BN005467.D

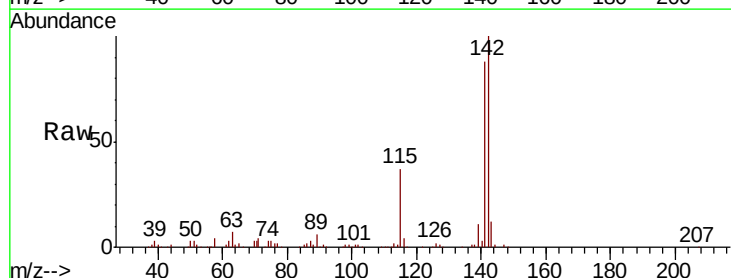
Acq: 04 May 2019 00:42

Tgt Ion:142 Resp: 672297

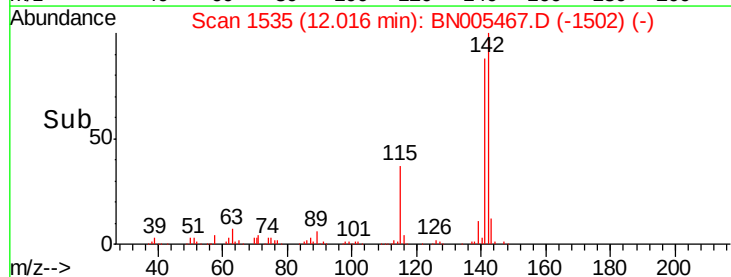
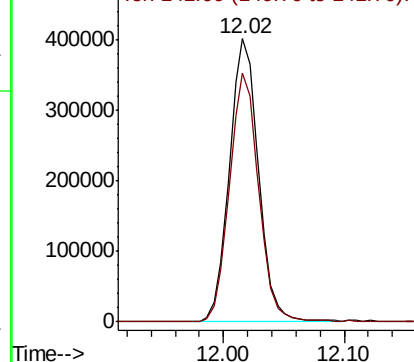
Ion Ratio Lower Upper

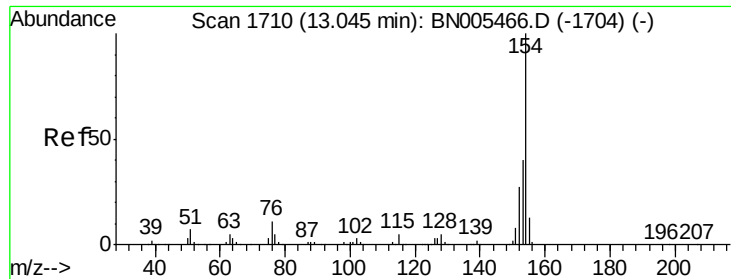
142 100

141 88.1 72.0 108.0



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





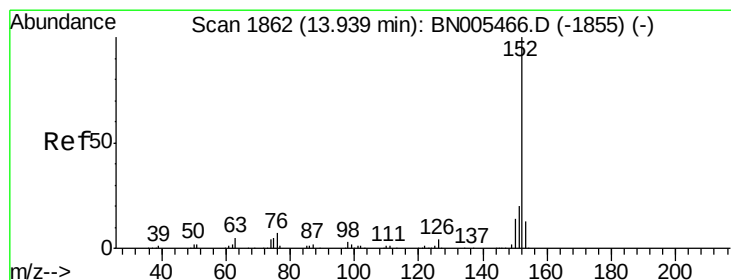
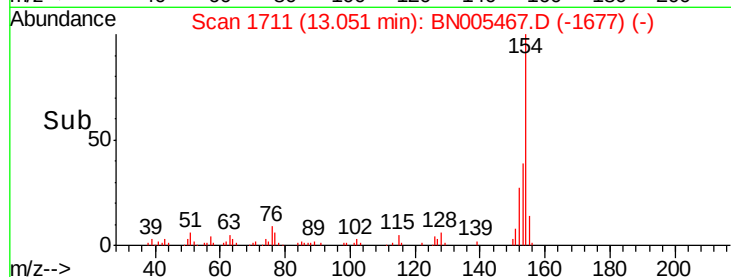
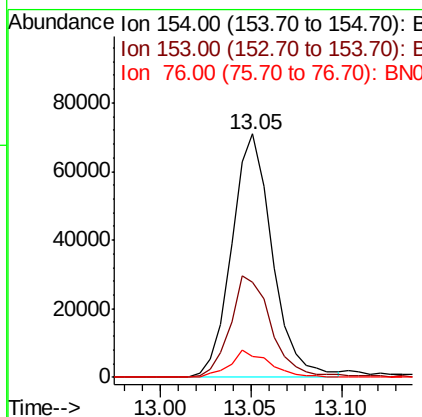
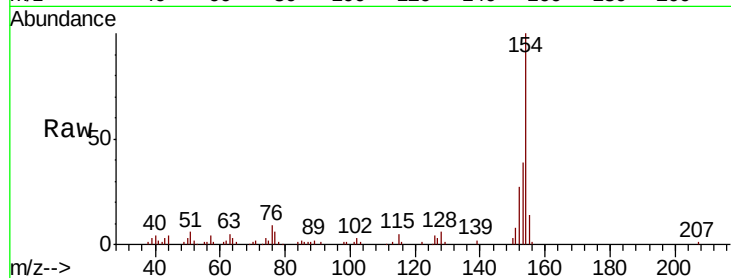
#40
 1,1'-Biphenyl
 Concen: 2.542 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BN005467.D
 Acq: 04 May 2019 00:42

Instrument :
 BNA_N
 ClientSampleId :
 GAHS3MEDL

Tot Ion:	154	Resp:	110819
Ion Ratio	Lower	Upper	
154	100		
153	39.0	32.6	49.0
76	8.8	10.4	15.6

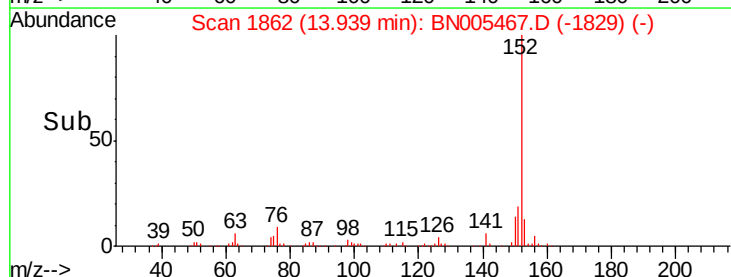
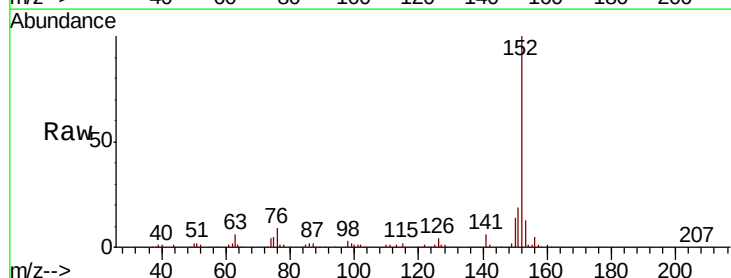
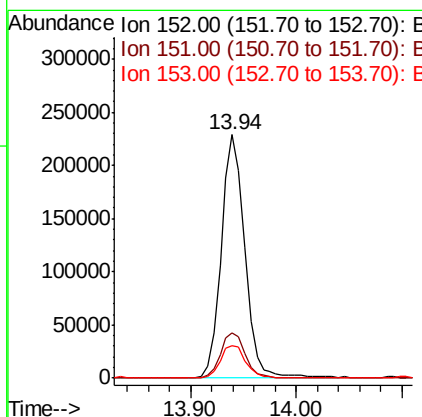
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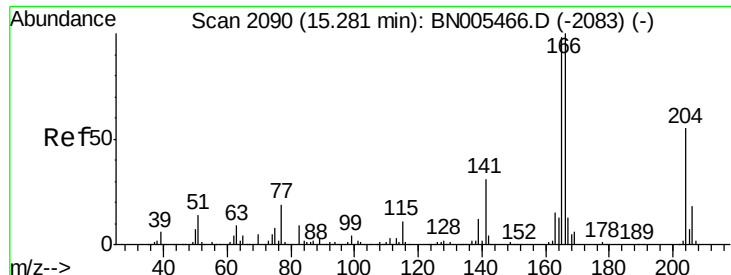
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#47
 Acenaphthylene
 Concen: 6.946 ng/ul
 RT: 13.94 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BN005467.D
 Acq: 04 May 2019 00:42

Tgt Ion:	152	Resp:	356094
Ion Ratio	Lower	Upper	
152	100		
151	18.8	15.8	23.8
153	13.3	9.8	14.8





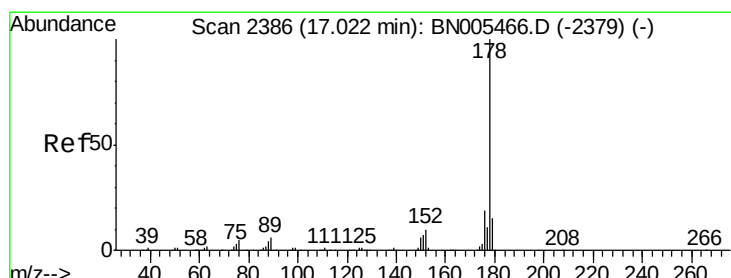
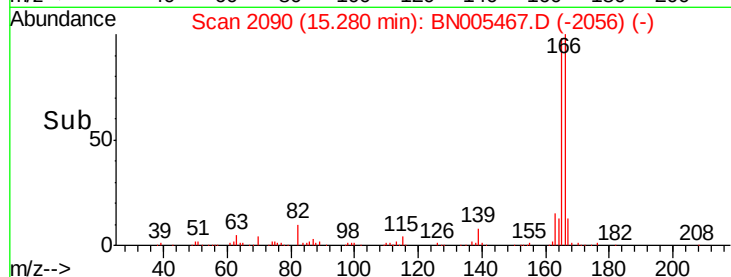
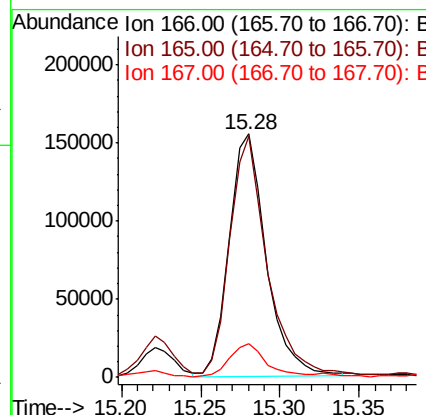
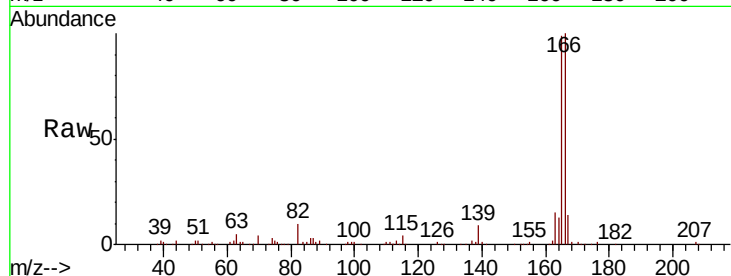
#58
Fluorene
 Concen: 6.413 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BN005467.D
 Acq: 04 May 2019 00:42

Instrument :
 BNA_N
 ClientSampleId :
 GAHS3MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	13.8	10.7	16.1

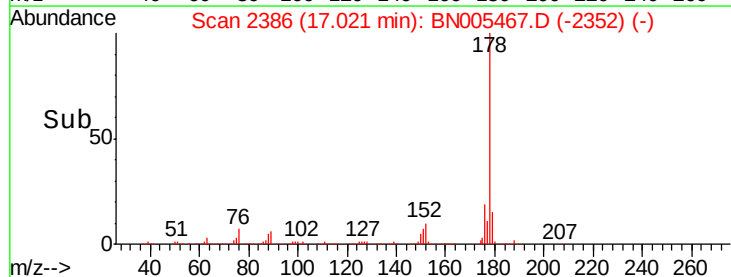
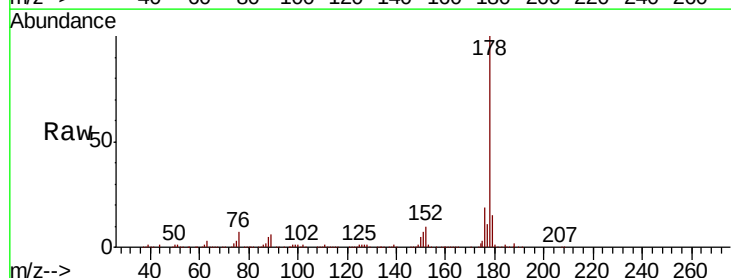
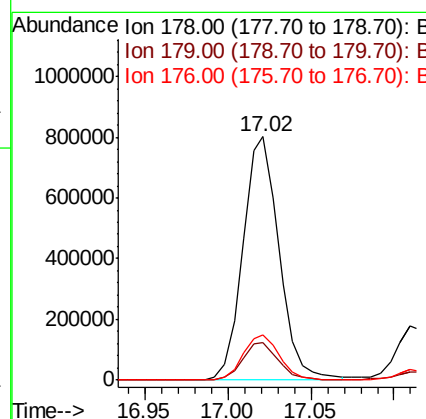
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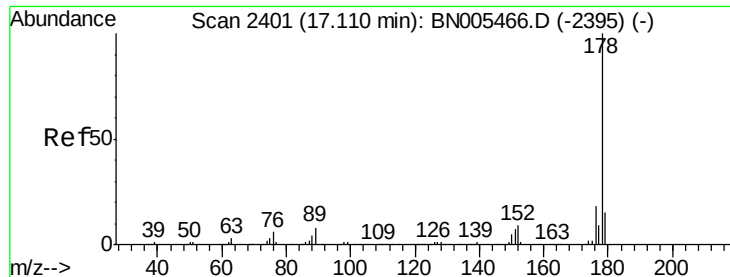
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#69
Phenanthrene
 Concen: 19.333 ng/ul m
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BN005467.D
 Acq: 04 May 2019 00:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.6	15.1	22.7





#71

Anthracene

Concen: 4.021 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

Instrument :

BNA_N

ClientSampleId :

GAHS3MEDL

Tot Ion:178 Resp: 257043

Ion Ratio Lower Upper

178 100

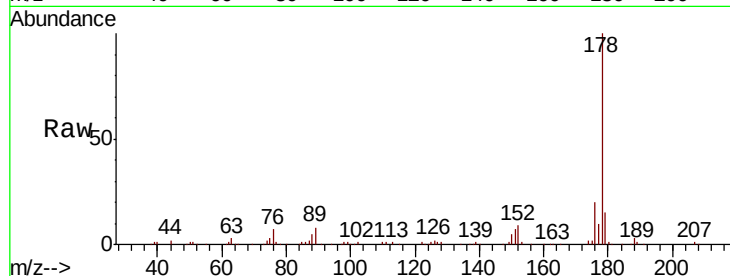
179 15.5 12.3 18.5

176 19.6 15.1 22.7

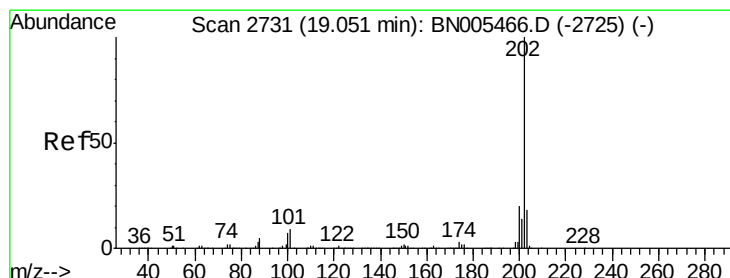
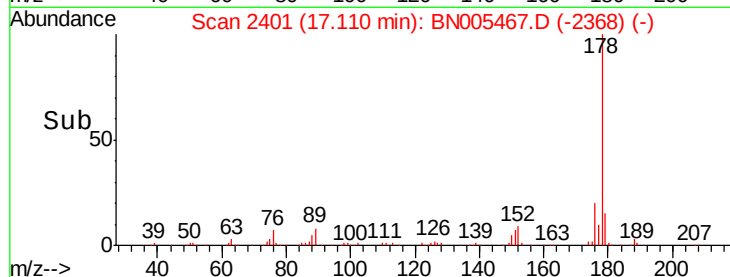
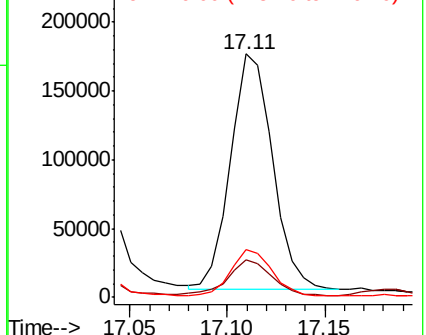
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 6.707 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

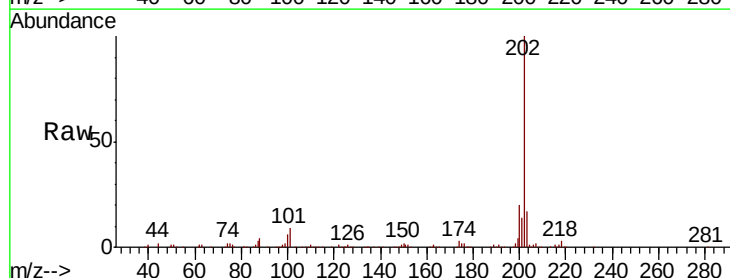
Tgt Ion:202 Resp: 466769

Ion Ratio Lower Upper

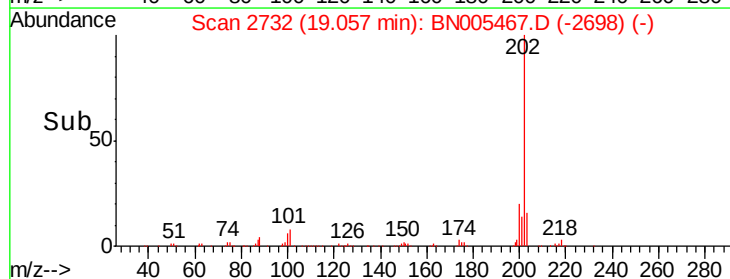
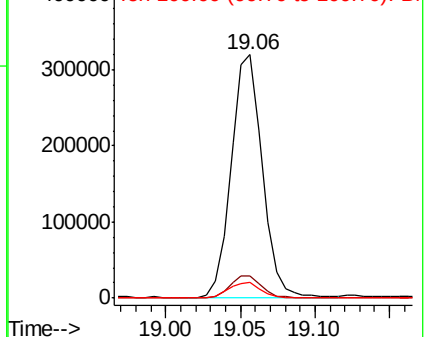
202 100

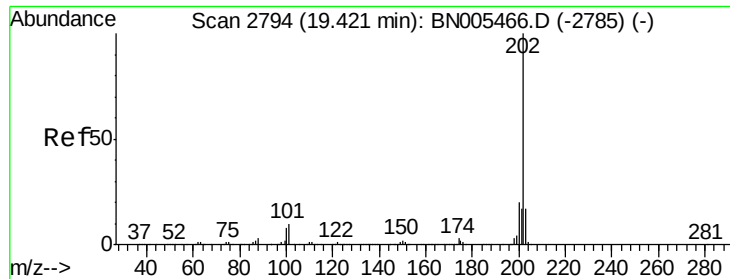
101 8.9 8.6 12.8

100 6.4 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: 8.930 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

Instrument :

BNA_N

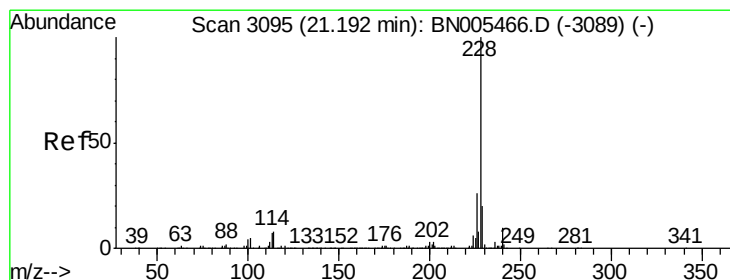
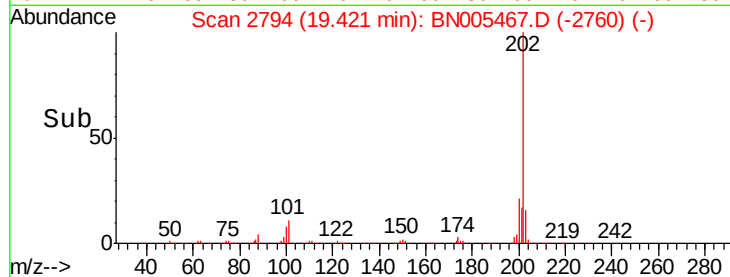
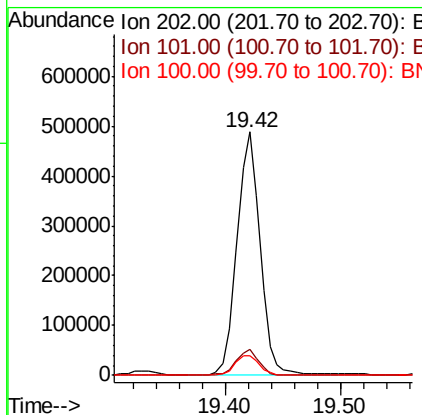
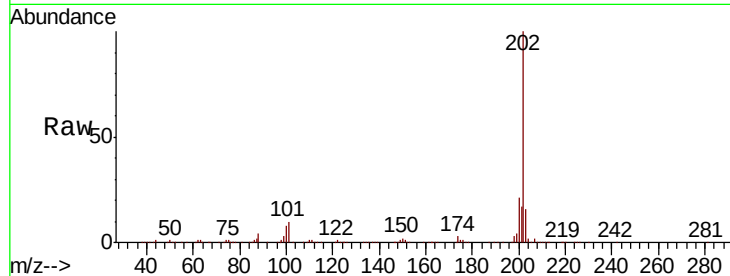
ClientSampleId :

GAHS3MEDL

Tot Ion:	202	Resp:	675502
Ion Ratio	Lower	Upper	
202	100		
101	10.4	10.3	15.5
100	8.1	7.9	11.9

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#82

Benzo(a)anthracene

Concen: 3.047 ng/ul m

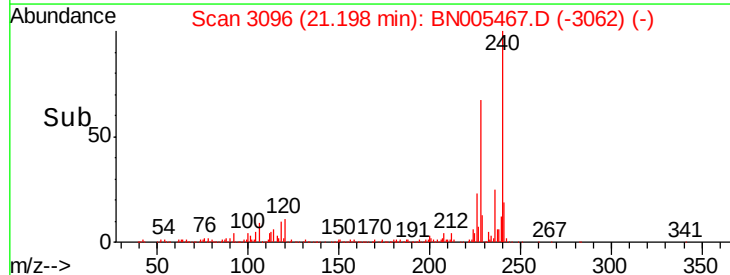
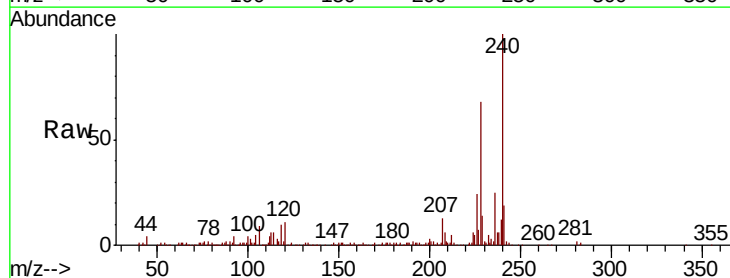
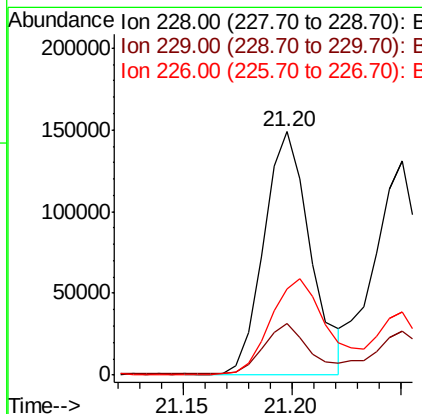
RT: 21.20 min Scan# 3096

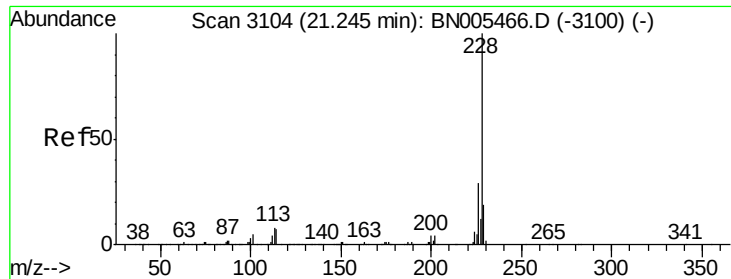
Delta R.T. -0.00 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

Tgt Ion:	228	Resp:	222718
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.6
226	35.2	21.4	32.2#





#84

Chrysene

Concen: 2.891 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

Instrument :

BNA_N

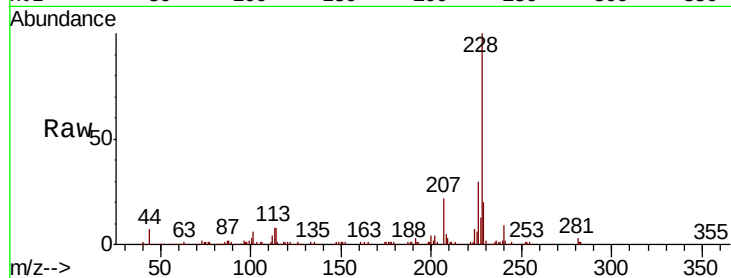
ClientSampleId :

GAHS3MEDL

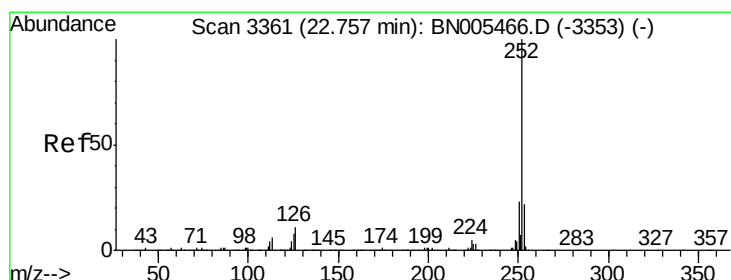
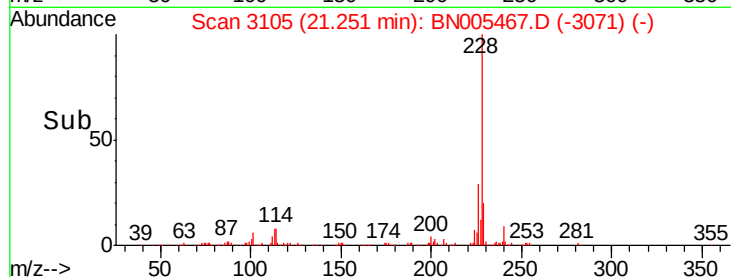
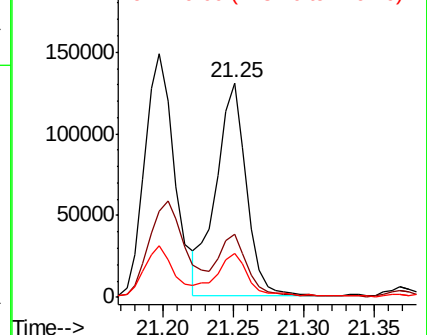
Tot Ion:	228	Resp:	196121
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	20.3	15.4	23.0

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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: 2.080 ng/ul

RT: 22.77 min Scan# 3364

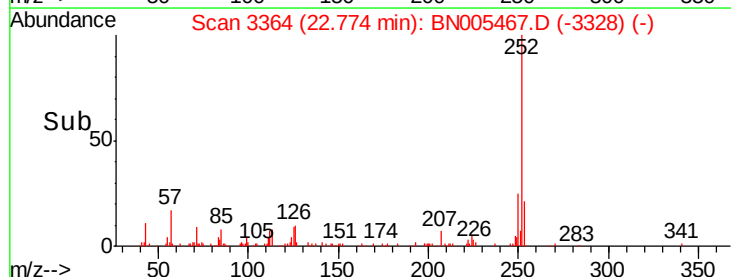
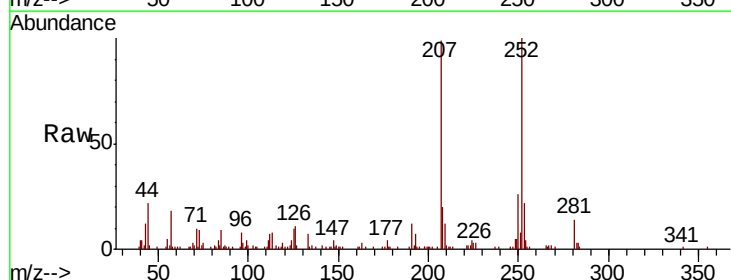
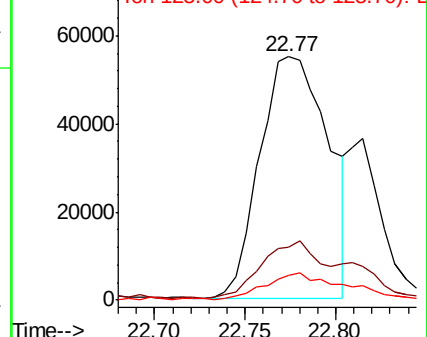
Delta R.T. 0.01 min

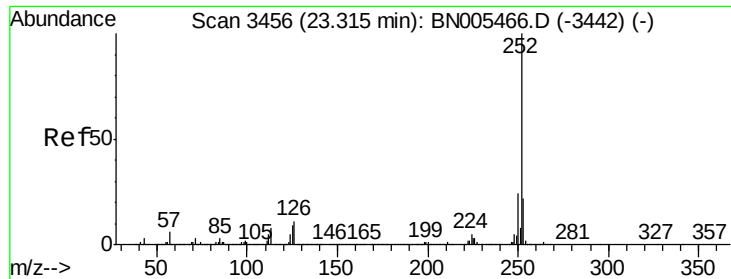
Lab File: BN005467.D

Acq: 04 May 2019 00:42

Tgt Ion:	252	Resp:	144922
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	9.9	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





#90

Benzo(a)pyrene

Concen: 2.345 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BN005467.D

Acq: 04 May 2019 00:42

Instrument :

BNA_N

ClientSampleId :

GAHS3MEDL

Tot Ion:	252	Resp:	153594
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	9.4	8.6	13.0

Manual Integrations
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