

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005258.D
 Acq On : 24 Apr 2019 19:52
 Operator : JU/SJ
 Sample : K2456-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP7

Manual Integrations
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 4/25/2019 5:35:01 PM

Quant Time: Apr 25 04:09:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	453127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1987102	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1196213	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2485101	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1690527	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1765950	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	31937	3.40	ng/uL	0.00
5) Phenol-d5	6.78	99	707383	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	446046	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	569489	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	582174	20.93	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	287422	23.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	312895	25.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	591127	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	755866	25.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1937310	22.31	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2292563	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	231774	16.90	ng/ul	0.00
57) Fluorene-d10	15.23	176	1586336	21.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	137408	12.29	ng/ul	0.00
70) Anthracene-d10	17.08	188	2324090	22.31	ng/ul	0.00
78) Pyrene-d10	19.39	212	2224945	25.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1712995	22.20	ng/ul	-0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.69	163	421457	4.871	ng/ul	100
47) Acenaphthylene	13.95	152	141249	1.348	ng/ul	99
76) Fluoranthene	19.06	202	165104	1.230	ng/ul	99
79) Pyrene	19.42	202	602580	5.536	ng/ul	99
82) Benzo(a)anthracene	21.20	228	212527	2.021	ng/ul#	81
84) Chrysene	21.25	228	194778	1.996	ng/ul	94
87) Benzo(b)fluoranthene	22.77	252	282091m	2.842	ng/ul	
88) Benzo(k)fluoranthene	22.80	252	107316m	1.132	ng/ul	
90) Benzo(a)pyrene	23.33	252	292560	3.135	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	139209	1.349	ng/ul	95
93) Benzo(g,h,i)perylene	26.26	276	99557	1.167	ng/ul	99

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

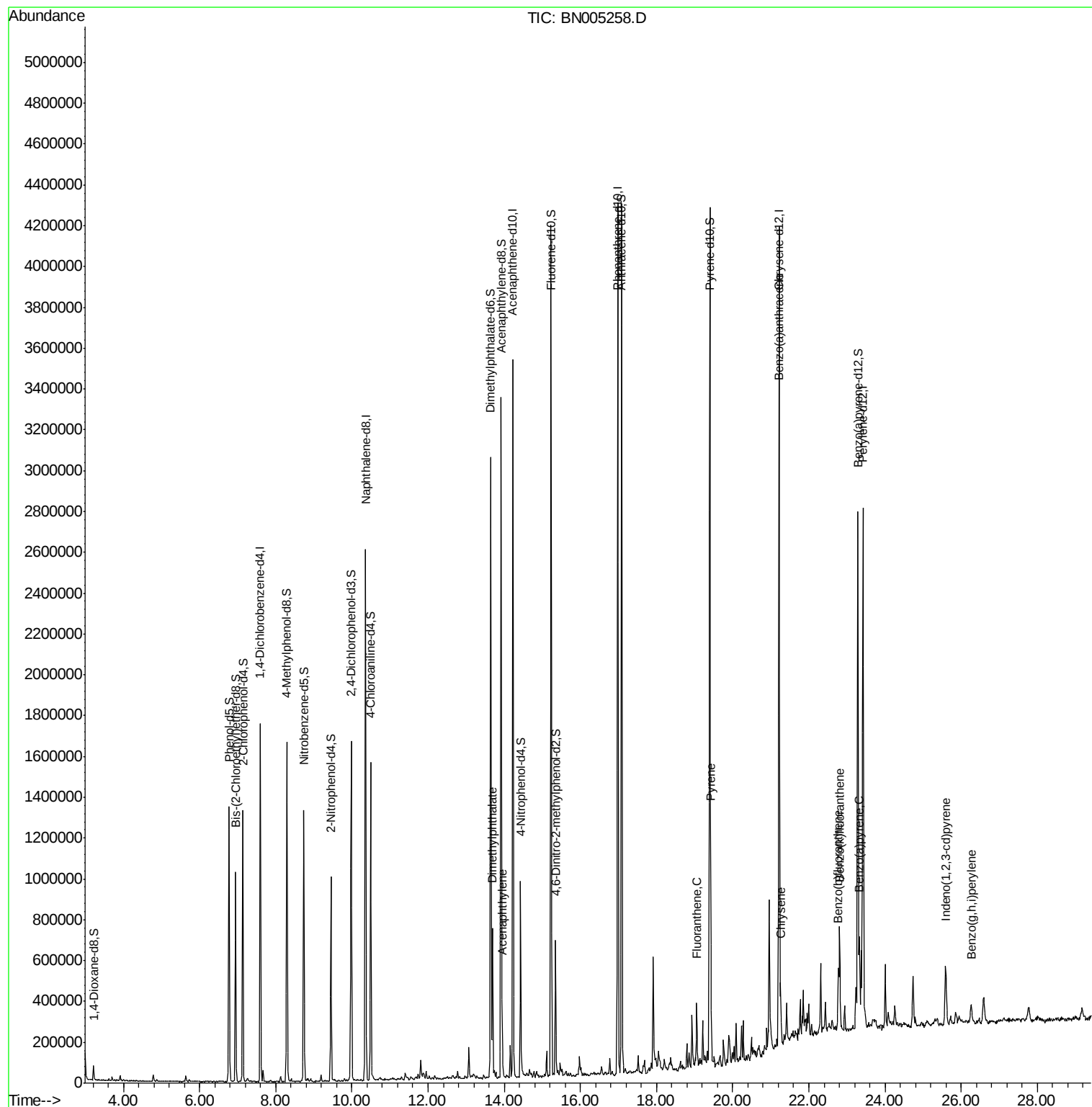
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005258.D
Acq On : 24 Apr 2019 19:52
Operator : JU/SJ
Sample : K2456-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

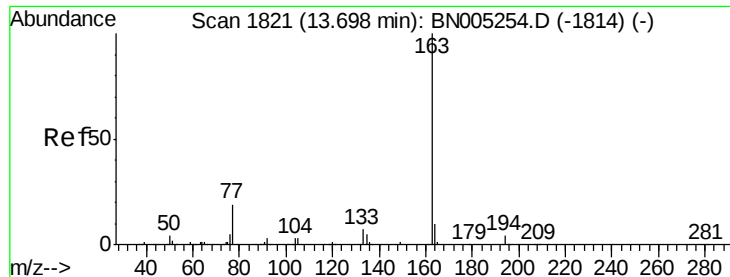
Instrument :
BNA_N
ClientSampleId :
GAHP7

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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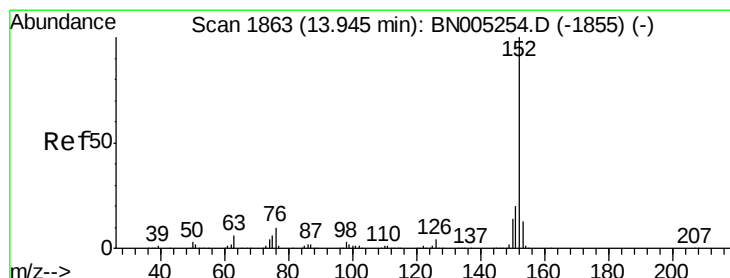
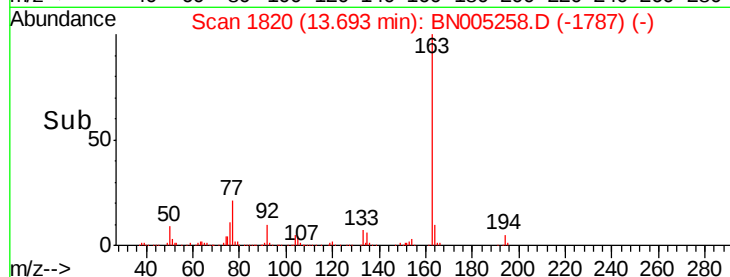
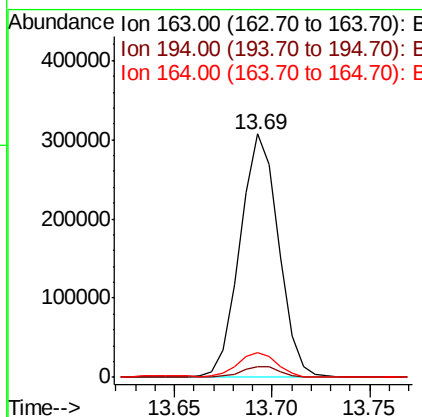
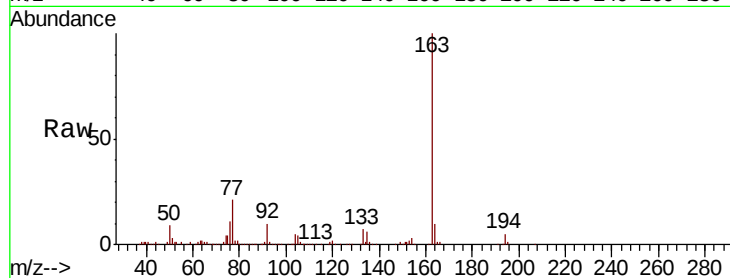
#44
Dimethylphthalate
Concen: 4.871 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005258.D
Acq: 24 Apr 2019 19:52

Instrument :
BNA_N
ClientSampleId :
GAHP7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	421457		
194	4.5		3.4	5.0
164	10.2		8.1	12.1

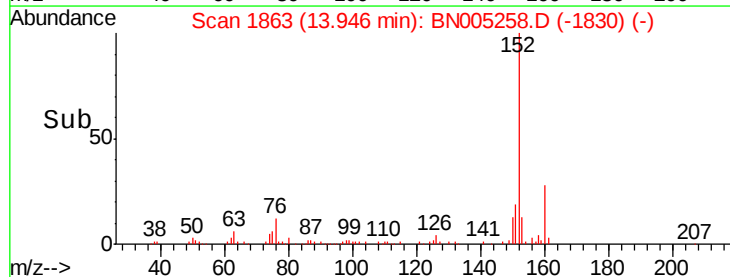
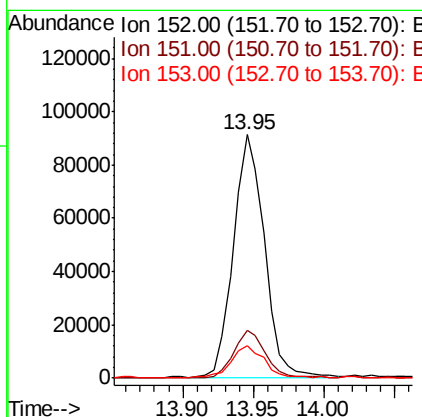
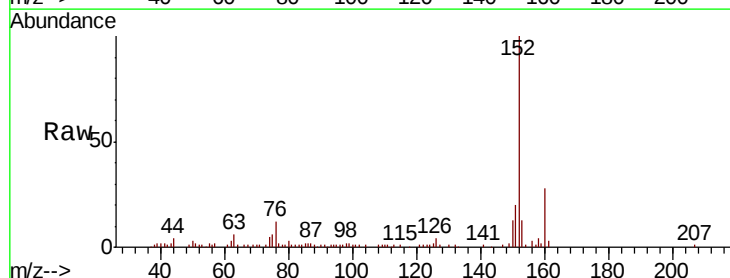
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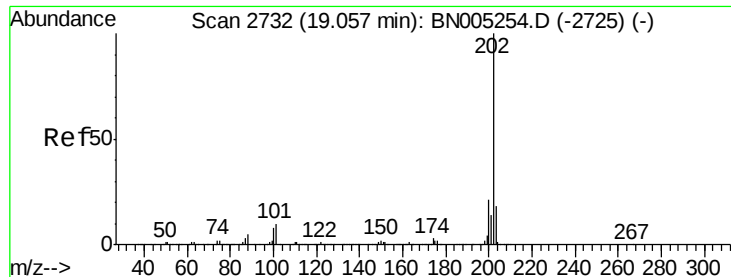
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#47
Acenaphthylene
Concen: 1.348 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005258.D
Acq: 24 Apr 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	141249		
151	19.8		15.8	23.8
153	13.3		9.8	14.8





#76

Fluoranthene

Concen: 1.230 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005258.D

Acq: 24 Apr 2019 19:52

Instrument :

BNA_N

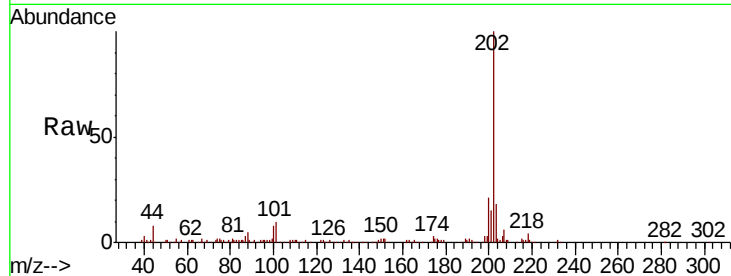
ClientSampleId :

GAHP7

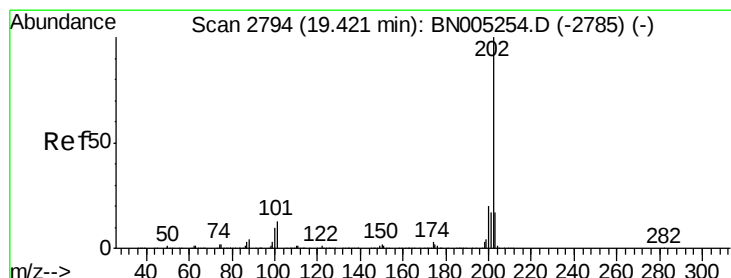
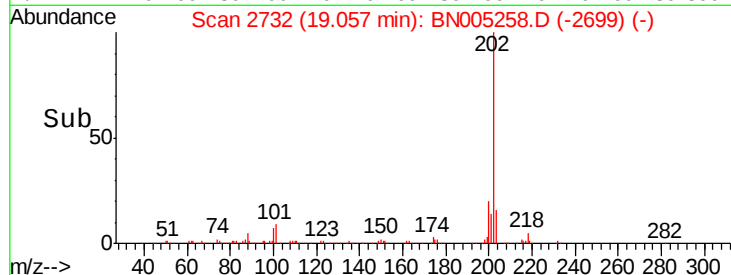
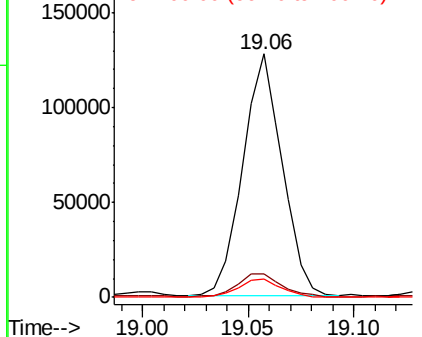
Tot Ion:	202	Resp:	165104
Ion Ratio		Lower	Upper
202	100		
101	9.9	8.6	12.8
100	7.7	6.3	9.5

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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: 5.536 ng/ul

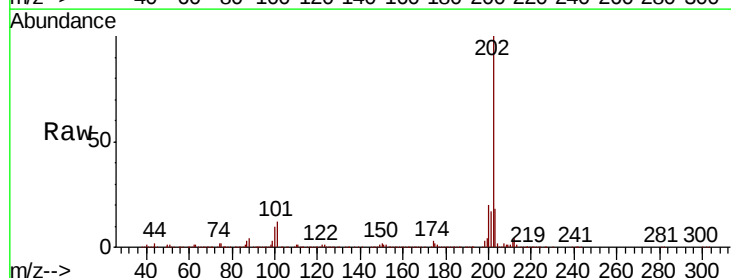
RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

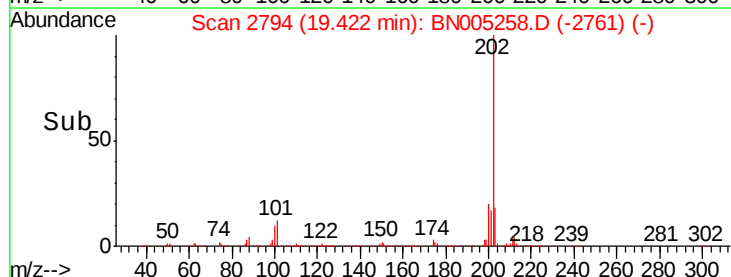
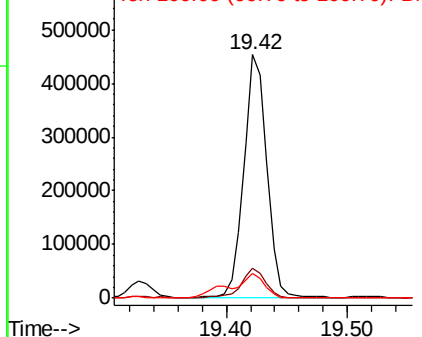
Lab File: BN005258.D

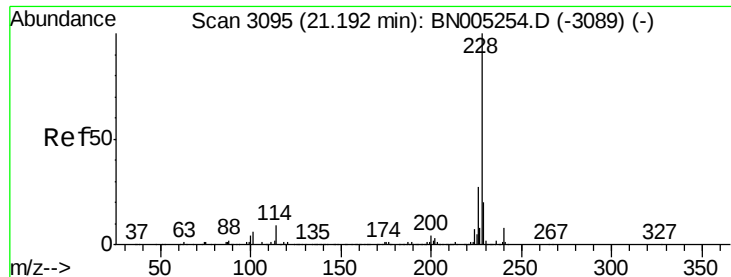
Acq: 24 Apr 2019 19:52

Tgt Ion:	202	Resp:	602580
Ion Ratio		Lower	Upper
202	100		
101	12.4	10.3	15.5
100	10.1	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





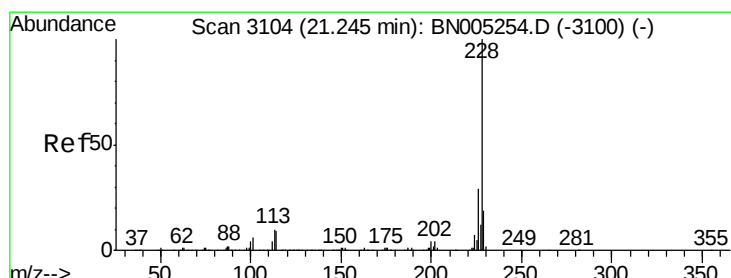
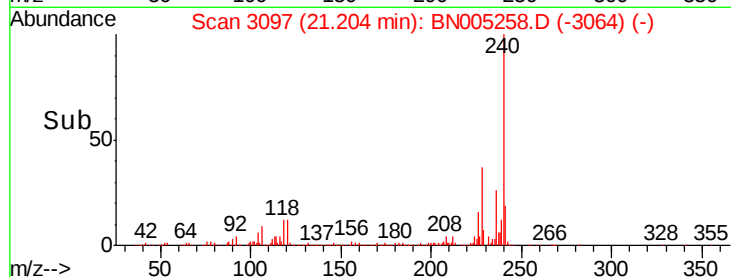
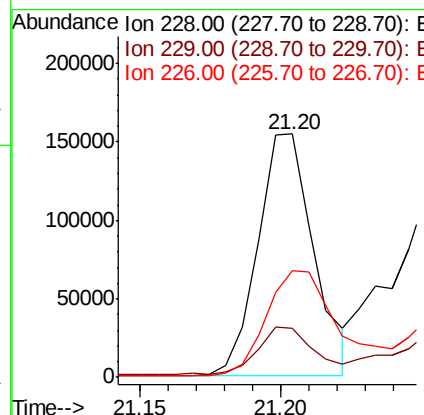
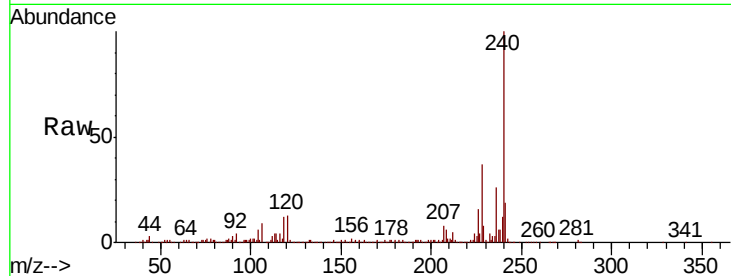
#82
Benzo(a)anthracene
Concen: 2.021 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BN005258.D
Acq: 24 Apr 2019 19:52

Instrument :
BNA_N
ClientSampled :
GAHP7

Tot Ion	Ratio	Resp	Lower	Upper
228	100	212527		
229	20.3	15.8	23.6	
226	43.7	21.4	32.2	

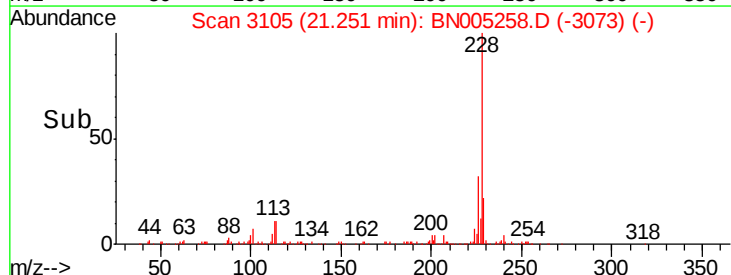
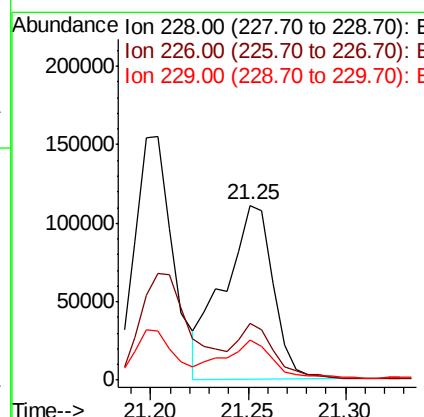
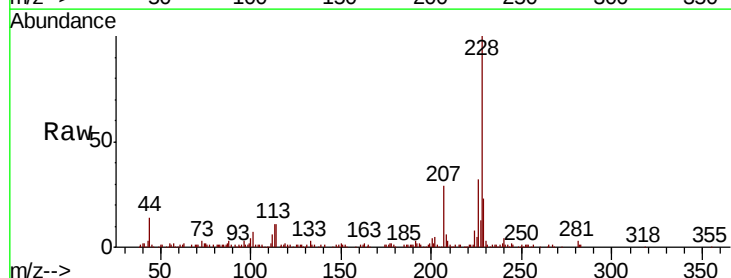
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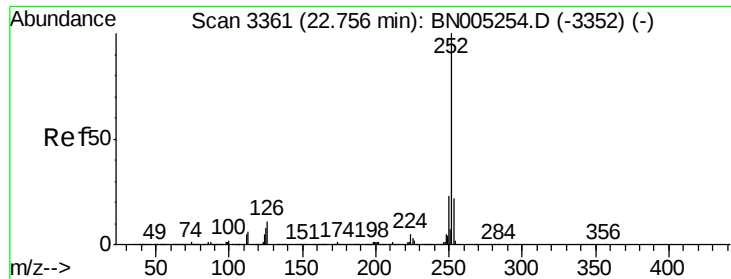
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#84
Chrysene
Concen: 1.996 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005258.D
Acq: 24 Apr 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	194778		
226	32.3	24.0	36.0	
229	22.9	15.4	23.0	





#87

Benzo(b)fluoranthene

Concen: 2.842 ng/ul m

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN005258.D

Acq: 24 Apr 2019 19:52

Instrument :

BNA_N

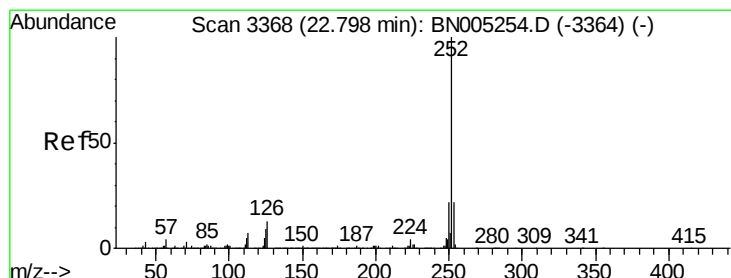
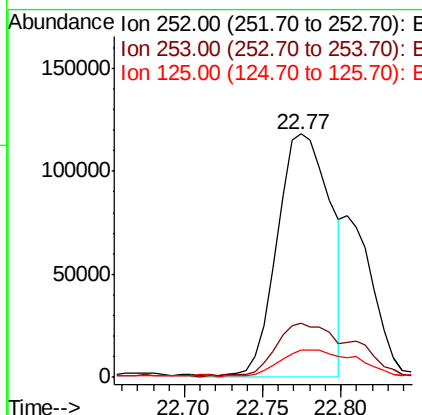
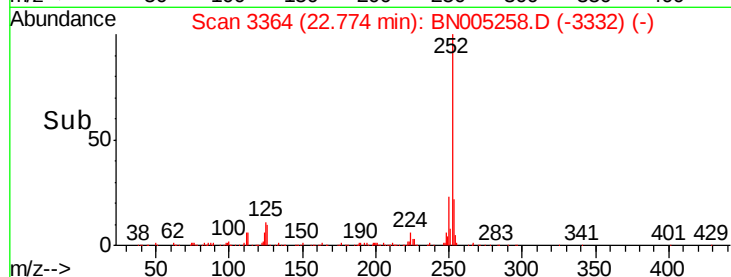
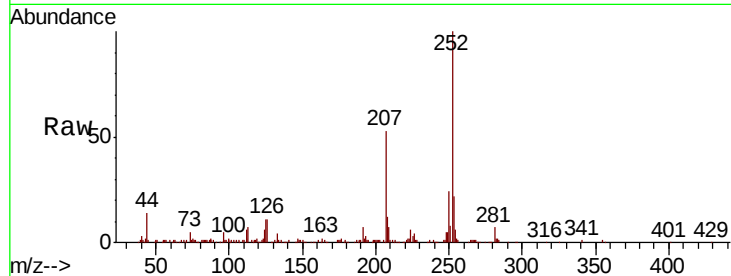
ClientSampleId :

GAHP7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.1	8.4	12.6

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#88

Benzo(k)fluoranthene

Concen: 1.132 ng/ul m

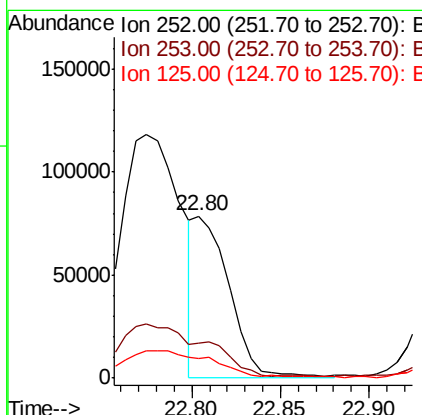
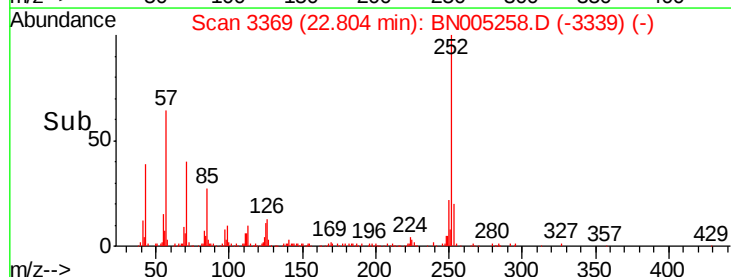
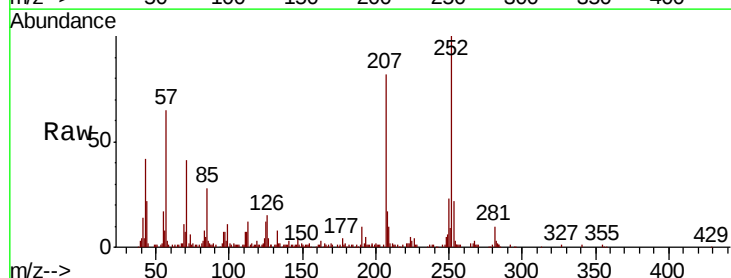
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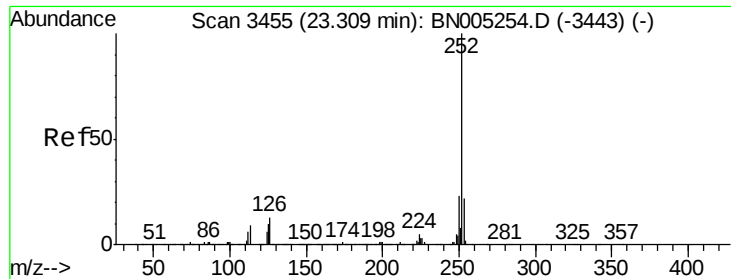
Delta R.T. -0.02 min

Lab File: BN005258.D

Acq: 24 Apr 2019 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	12.4	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 3.135 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BN005258.D

Acq: 24 Apr 2019 19:52

Instrument :

BNA_N

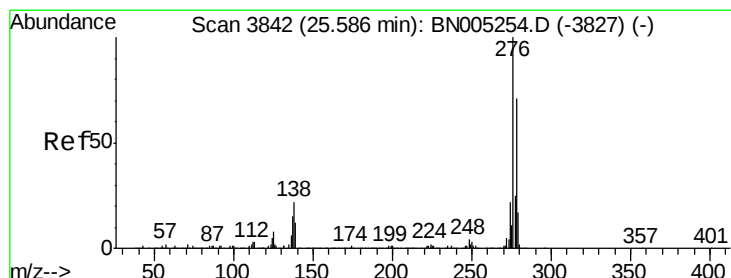
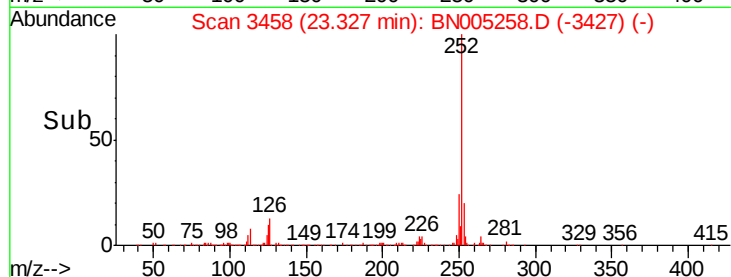
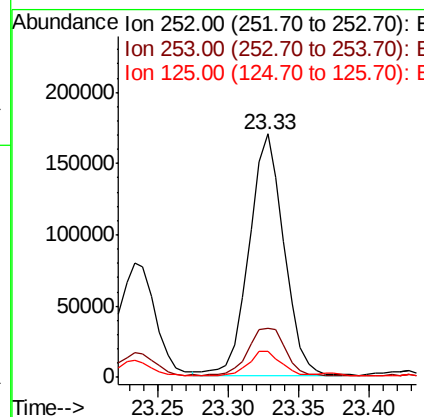
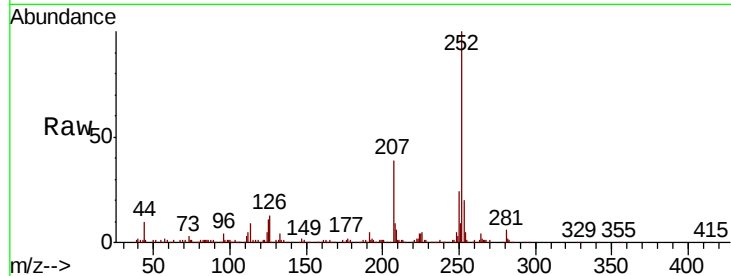
ClientSampled :

GAHP7

Tot Ion:	252	Resp:	292560
Ion Ratio	Lower	Upper	
252	100		
253	20.1	17.3	25.9
125	10.7	8.6	13.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.349 ng/ul

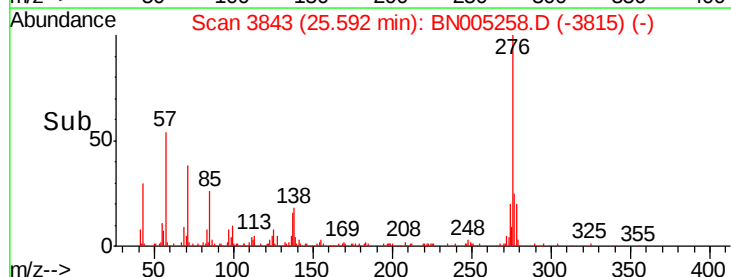
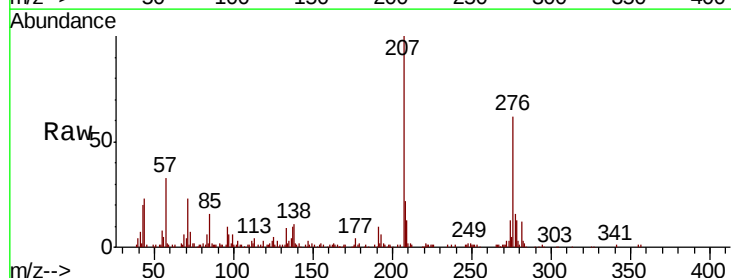
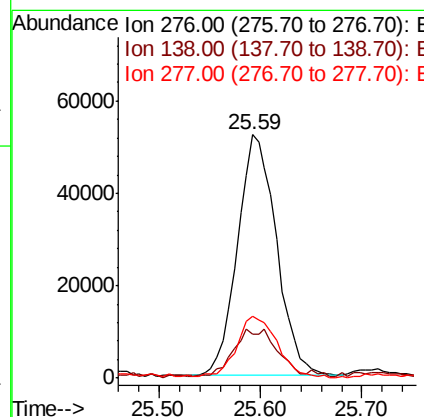
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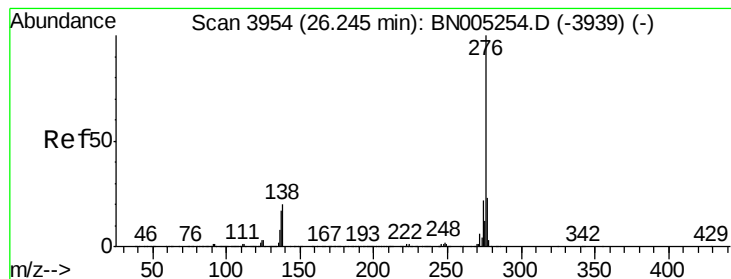
Delta R.T. -0.03 min

Lab File: BN005258.D

Acq: 24 Apr 2019 19:52

Tgt Ion:	276	Resp:	139209
Ion Ratio	Lower	Upper	
276	100		
138	18.0	17.9	26.9
277	25.2	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.167 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.03 min

Lab File: BN005258.D

Acq: 24 Apr 2019 19:52

Instrument :

BNA_N

ClientSampleId :

GAHP7

Tot Ion:	276	Resp:	99557
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.7	25.1
277	22.6	18.2	27.2

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