

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005382.D
 Acq On : 30 Apr 2019 21:23
 Operator : JU/SJ
 Sample : K2481-07ME
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW2ME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:05:47 PM

Quant Time: May 01 06:58:13 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	336064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1493935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	974197	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2277281	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2219497	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2197360	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	34979	5.03	ng/uL	0.00
5) Phenol-d5	6.78	99	739112	28.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	443502	26.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	601715	29.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	592640	28.72	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	325635	35.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	373319	40.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	655297	30.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	779560	35.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2151369	30.42	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2615004	30.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	353614	31.67	ng/ul	0.00
57) Fluorene-d10	15.23	176	1866414	31.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	352800	34.45	ng/ul	0.01
70) Anthracene-d10	17.09	188	2878182	30.15	ng/ul	0.00
78) Pyrene-d10	19.39	212	3428180	30.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	3062961	31.90	ng/ul	-0.04

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	1203966	17.336	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	11426403	224.697	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1329794	18.320	ng/ul	96
44) Dimethylphthalate	13.69	163	458795	6.511	ng/ul	99
47) Acenaphthylene	13.95	152	7309306	85.630	ng/ul#	96
49) Acenaphthene	14.29	153	800173	13.731	ng/ul	99
53) Dibenzofuran	14.63	168	997977	11.895	ng/ul	95
58) Fluorene	15.29	166	5217946	79.701	ng/ul	97
69) Phenanthrene	17.03	178	19591009m	176.643	ng/ul	
71) Anthracene	17.12	178	2630382	23.282	ng/ul	99
76) Fluoranthene	19.06	202	7355614	59.793	ng/ul	98
79) Pyrene	19.43	202	11133843	77.910	ng/ul	98
82) Benzo(a)anthracene	21.19	228	4302099m	31.158	ng/ul	
84) Chrysene	21.25	228	4058759	31.673	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	2139862	17.324	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	547762m	4.643	ng/ul	
90) Benzo(a)pyrene	23.30	252	1332362	11.476	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.57	276	654165	5.096	ng/ul	95
92) Dibenzo(a,h)anthracene	25.58	278	255889	2.349	ng/ul	96
93) Benzo(g,h,i)perylene	26.23	276	449408	4.234	ng/ul	95

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

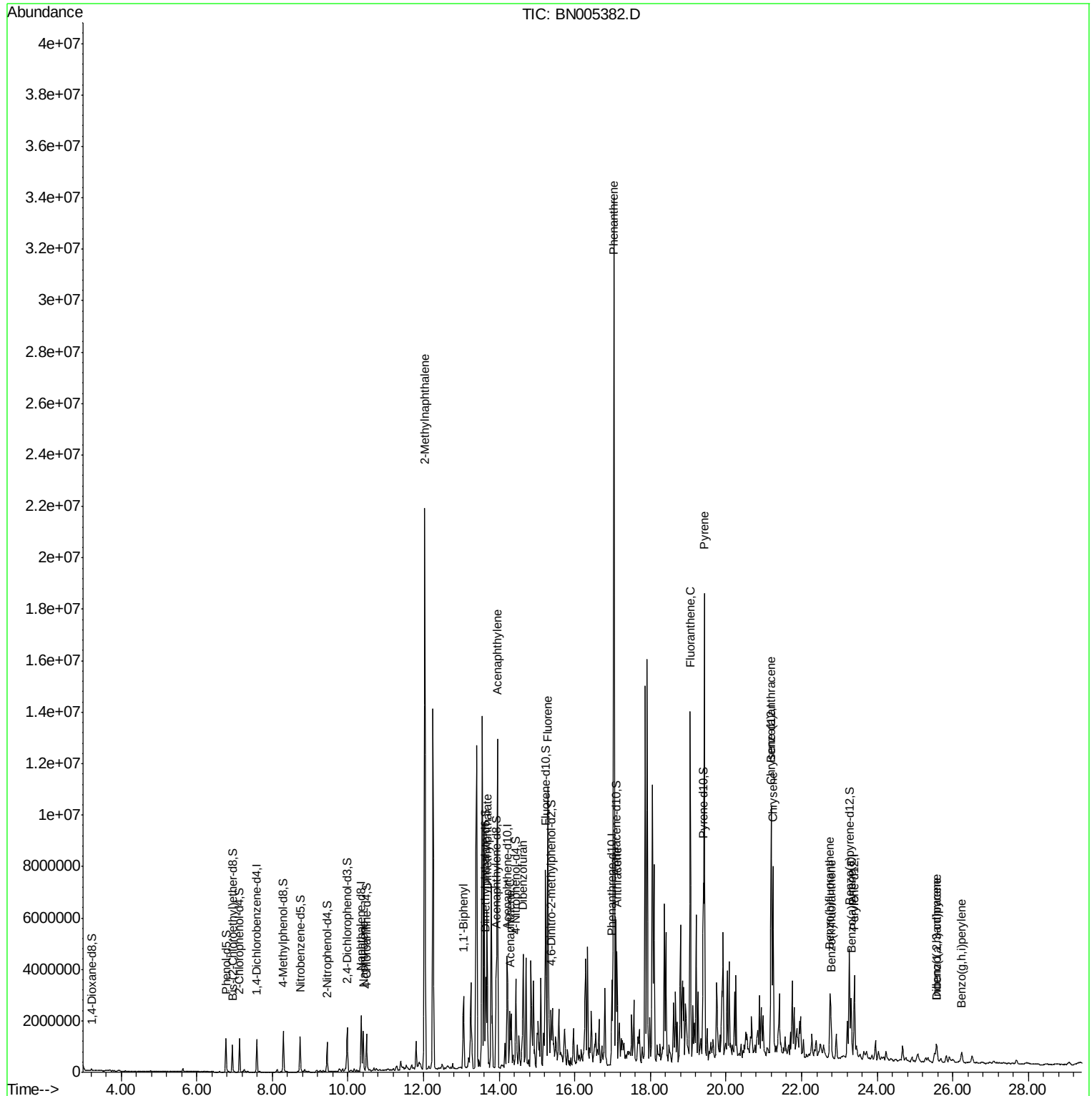
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
Data File : BN005382.D
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Sample : K2481-07ME
Misc :
ALS Vial : 16 Sample Multiplier: 1

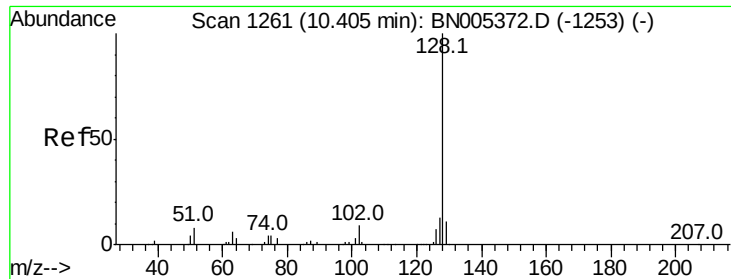
Instrument :
BNA_N
ClientSampleId :
GAHW2ME

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Quant Time: May 01 06:58:13 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





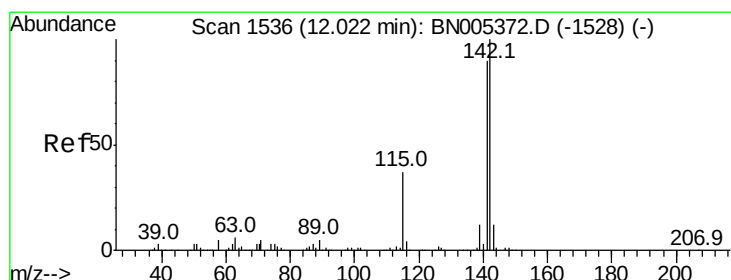
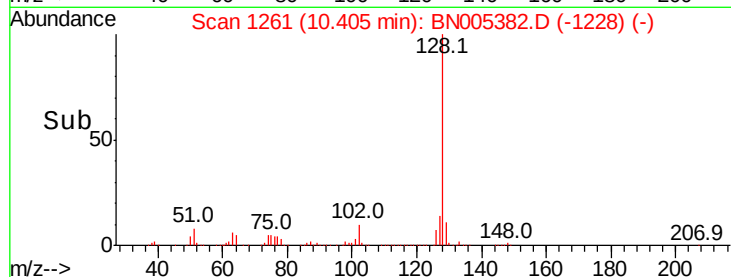
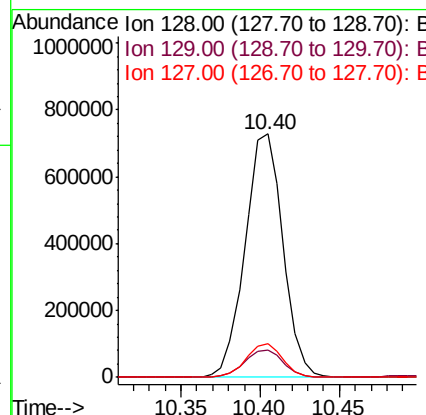
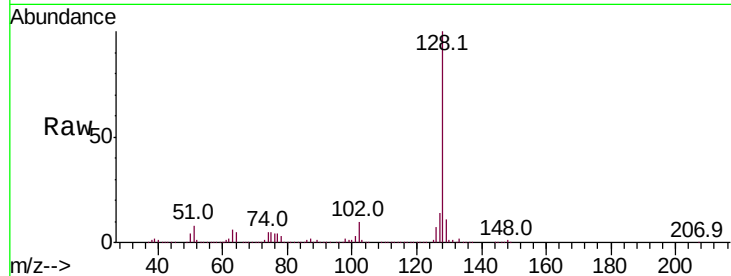
#28
Naphthalene
Concen: 17.336 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Instrument :
BNA_N
ClientSampleId :
GAHW2ME

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.7	10.7	16.1

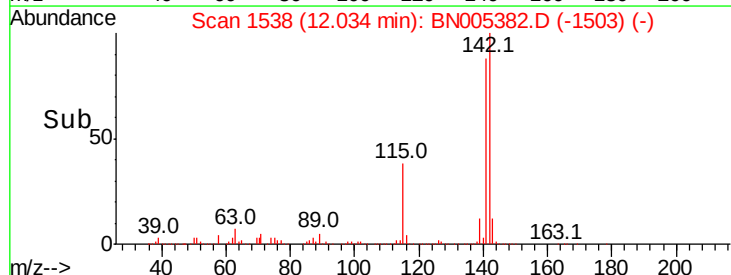
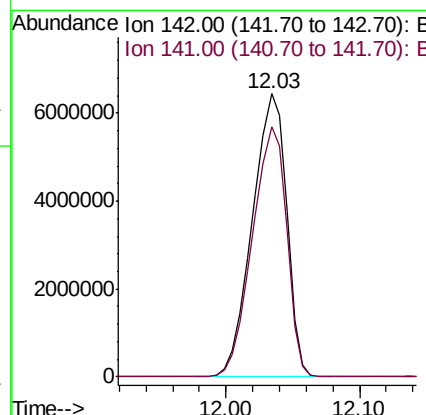
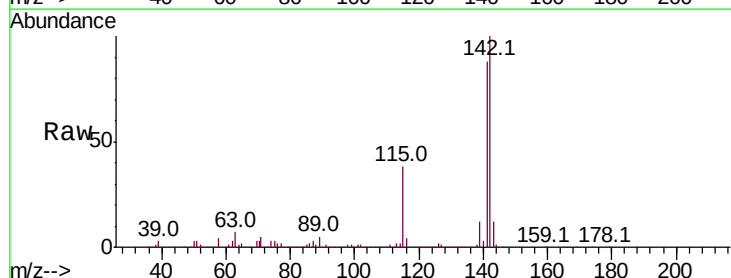
Manual Integrations
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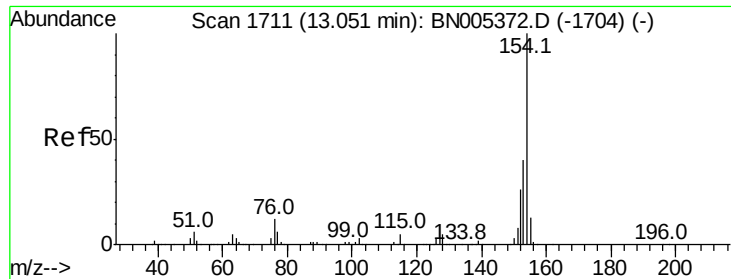
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#34
2-Methylnaphthalene
Concen: 224.697 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.0	108.0





#40

1,1'-Biphenyl

Concen: 18.320 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Instrument :

BNA_N

ClientSampleId :

GAHW2ME

Tot Ion:154 Resp: 1329794

Ion Ratio Lower Upper

154 100

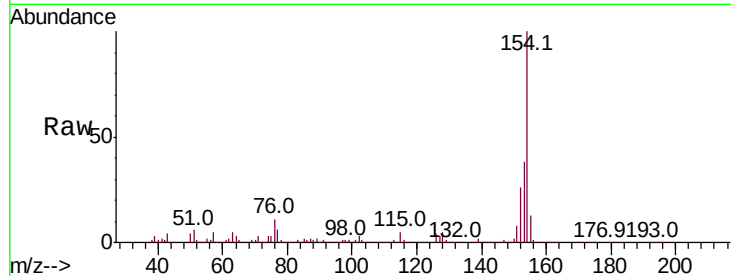
153 38.4 32.6 49.0

76 10.7 10.4 15.6

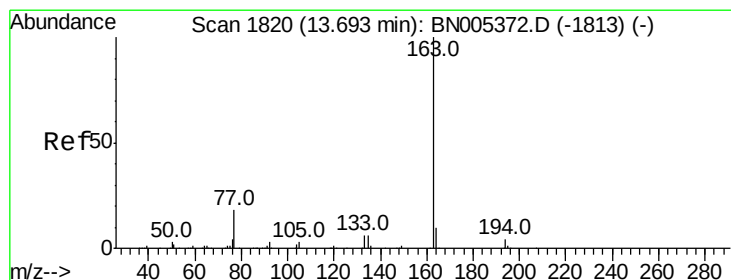
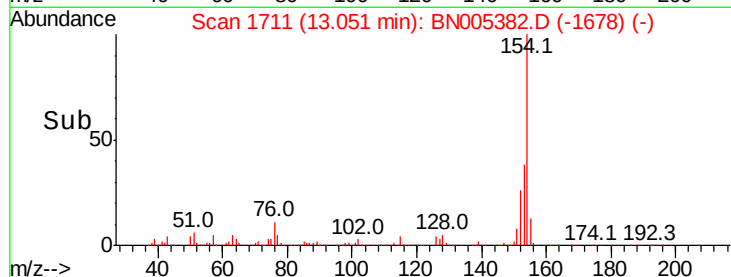
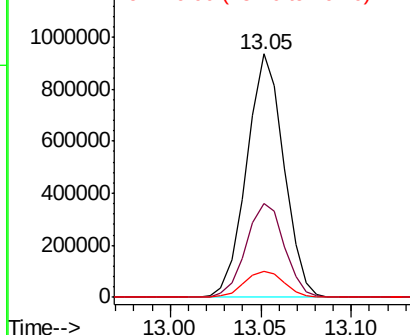
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#44

Dimethylphthalate

Concen: 6.511 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

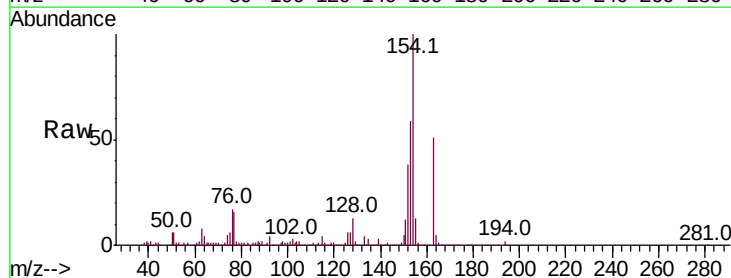
Tgt Ion:163 Resp: 458795

Ion Ratio Lower Upper

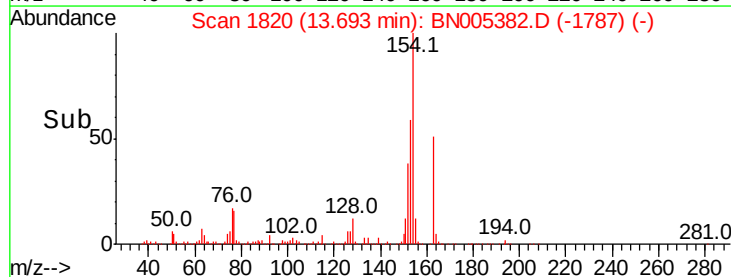
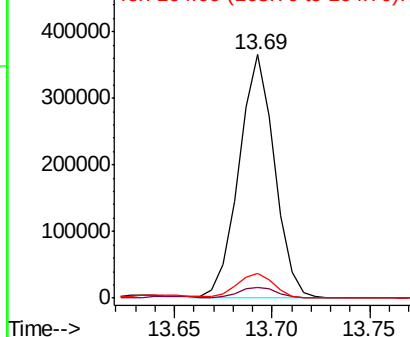
163 100

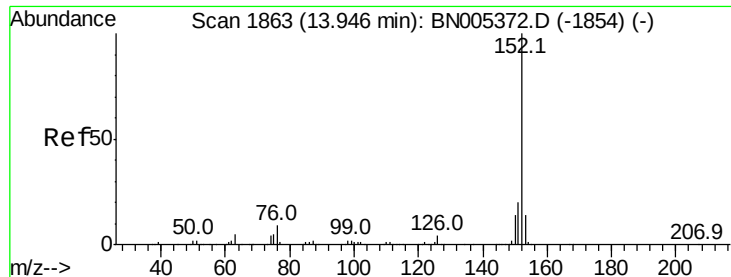
194 4.5 3.4 5.0

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: 85.630 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Instrument :

BNA_N

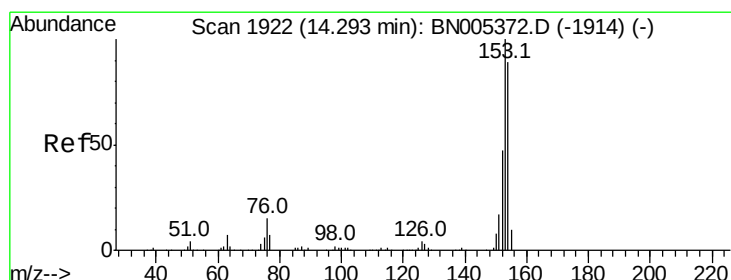
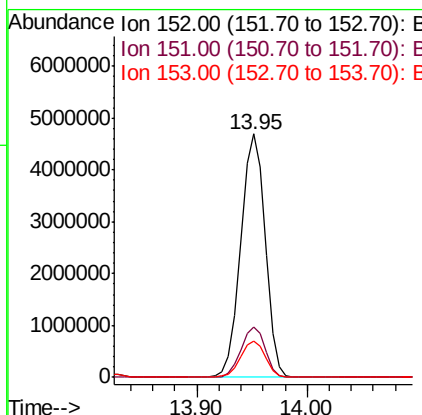
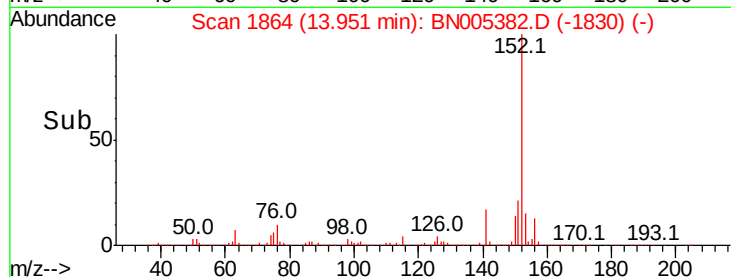
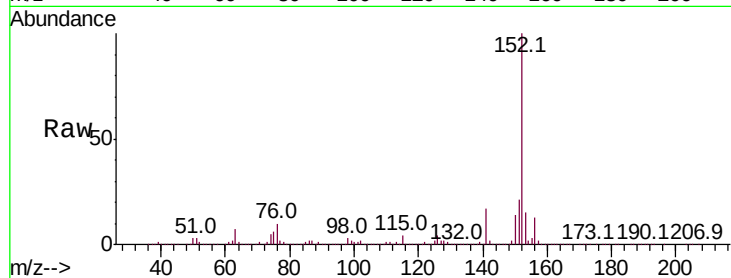
ClientSampleId :

GAHW2ME

Tot Ion:	152	Resp:	7309306
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	15.0	9.8	14.8

Manual Integrations
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#49

Acenaphthene

Concen: 13.731 ng/ul

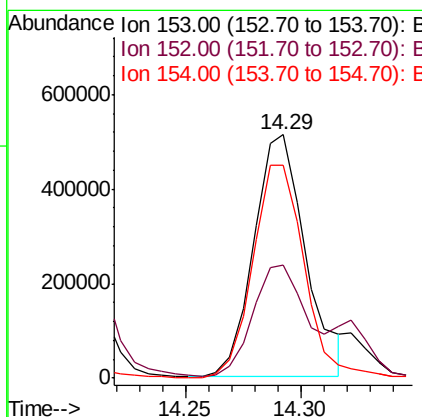
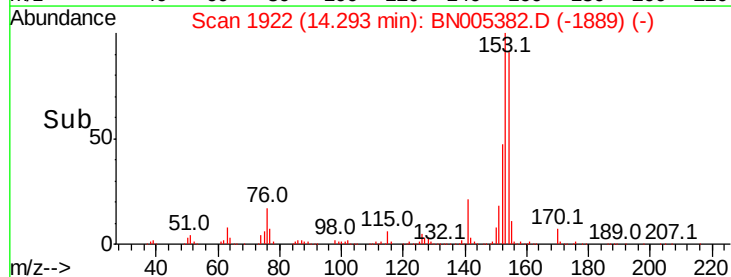
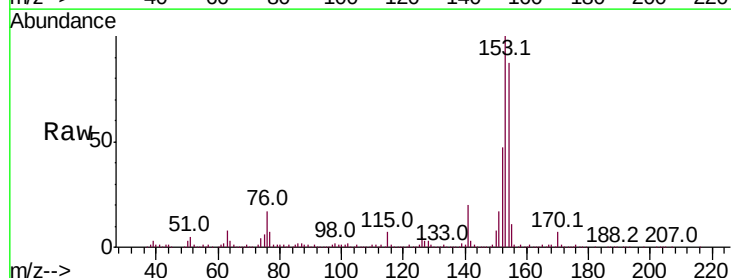
RT: 14.29 min Scan# 1922

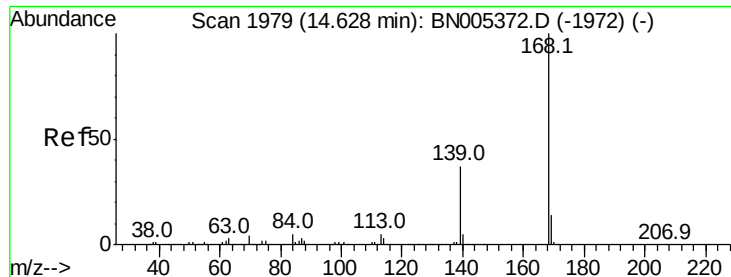
Delta R.T. -0.01 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Tgt Ion:	153	Resp:	800173
Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.4	56.0
154	87.4	71.2	106.8





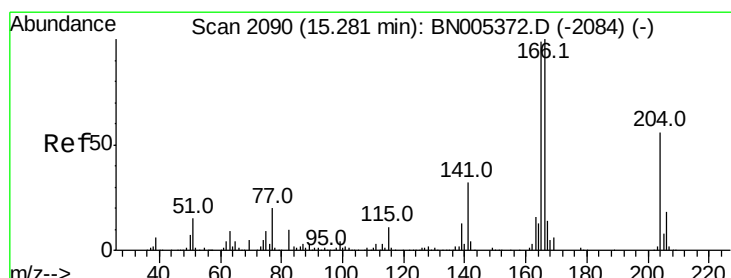
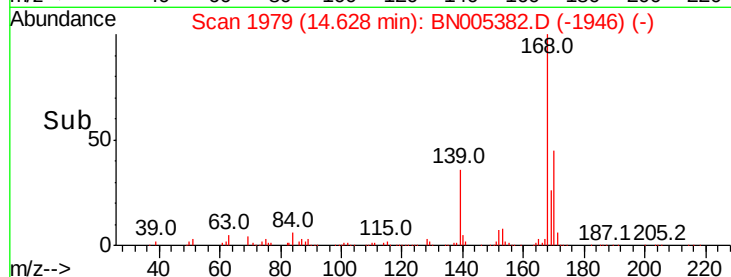
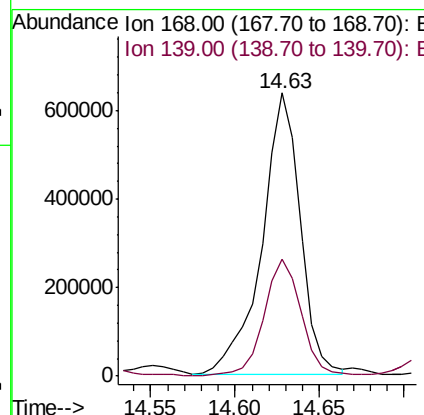
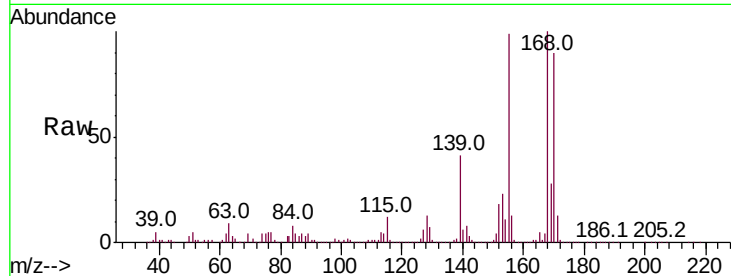
#53
Dibenzo(furan)
Concen: 11.895 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Instrument :
BNA_N
ClientSampleId :
GAHW2ME

Tot Ion:168 Resp: 997977
Ion Ratio Lower Upper
168 100
139 41.5 30.9 46.3

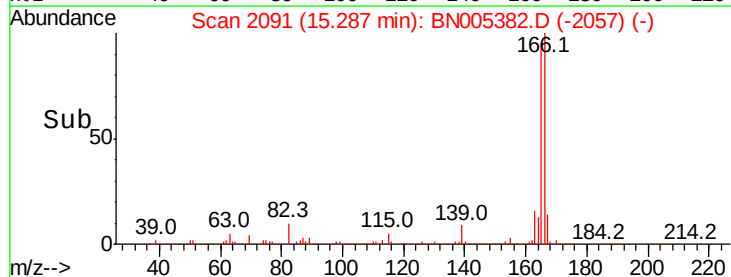
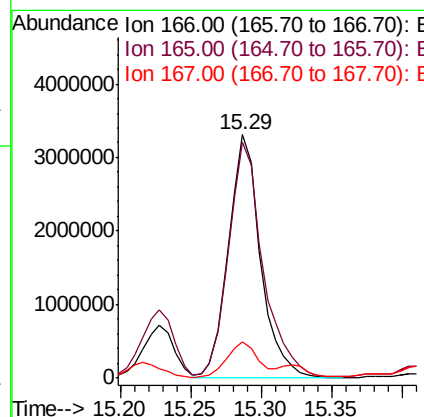
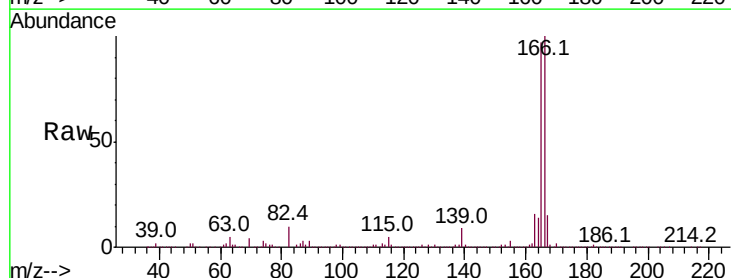
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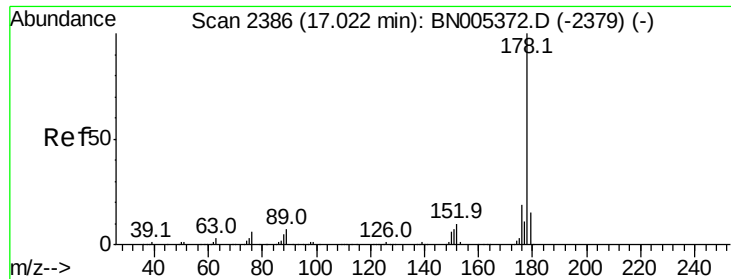
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#58
Fluorene
Concen: 79.701 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Tgt Ion:166 Resp: 5217946
Ion Ratio Lower Upper
166 100
165 97.1 80.0 120.0
167 15.1 10.7 16.1





#69

Phenanthrene

Concen: 176.643 ng/ul m

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Instrument :

BNA_N

ClientSampled :

GAHW2ME

Tot Ion:178 Resp:19591009

Ion Ratio Lower Upper

178 100

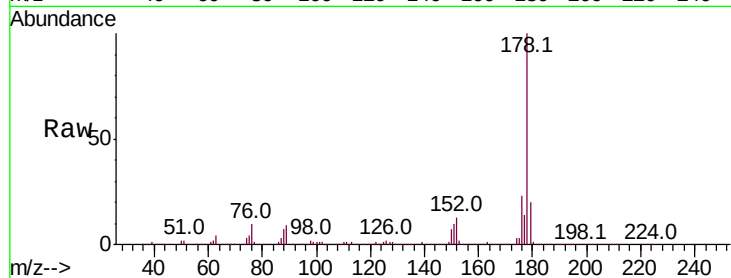
179 19.6 12.2 18.4#

176 22.9 15.1 22.7#

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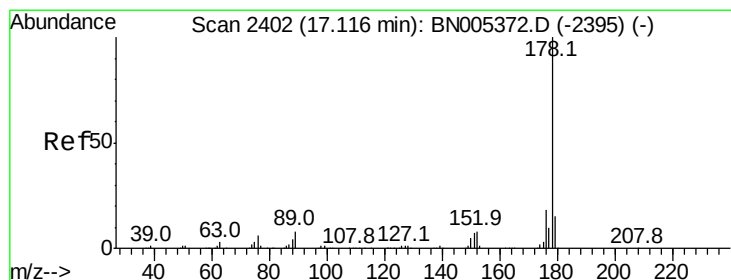
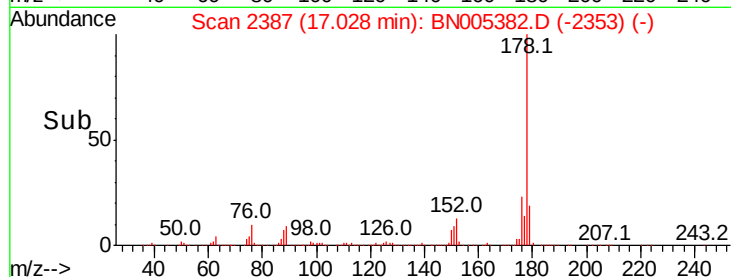
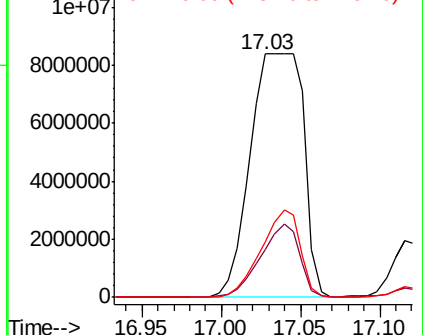
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 23.282 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

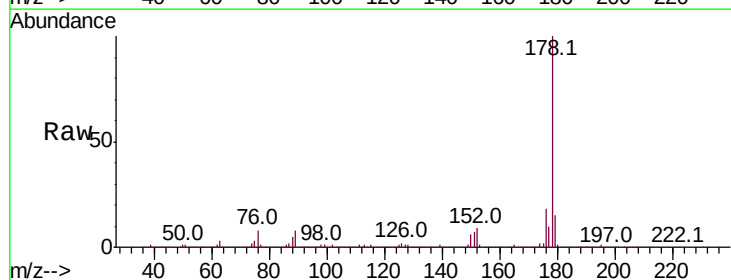
Tgt Ion:178 Resp: 2630382

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

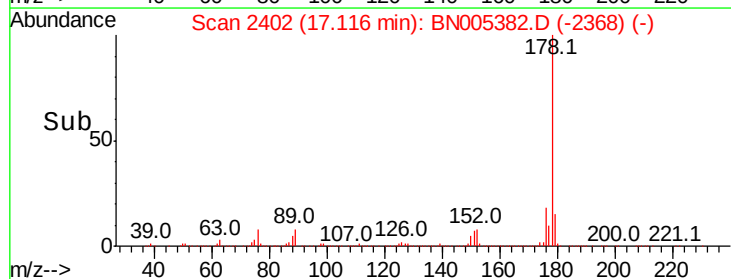
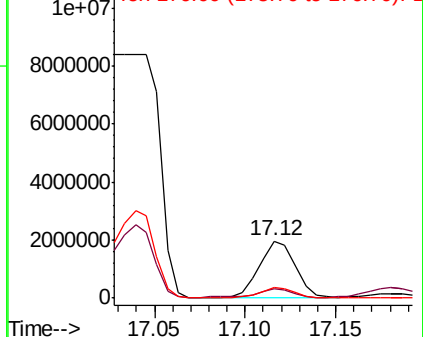
176 18.2 15.1 22.7

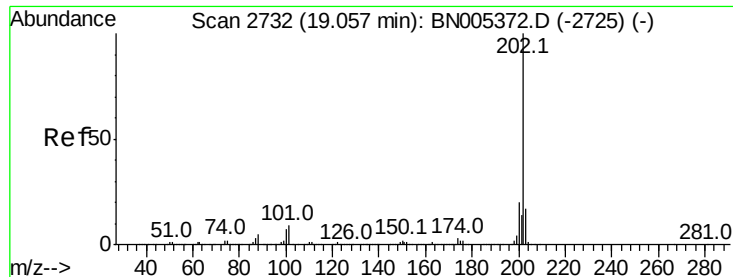


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 59.793 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Instrument :

BNA_N

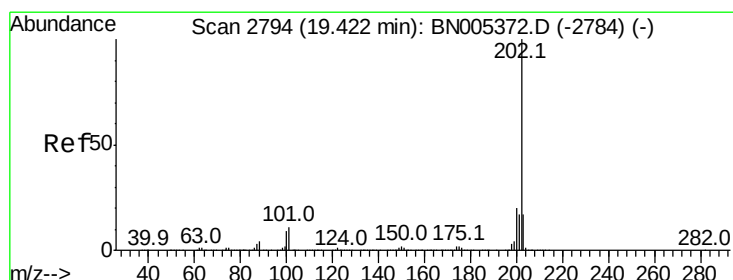
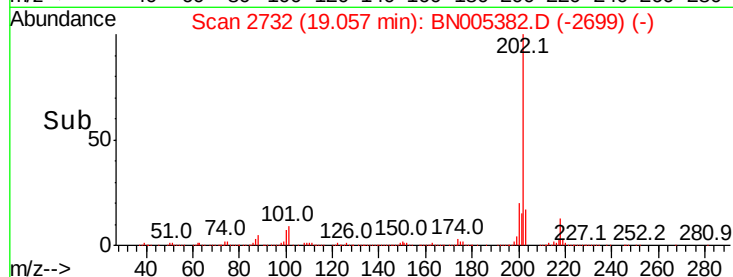
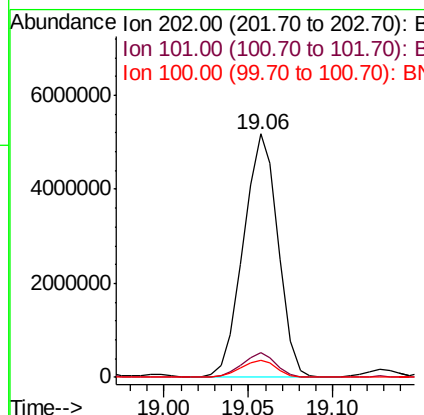
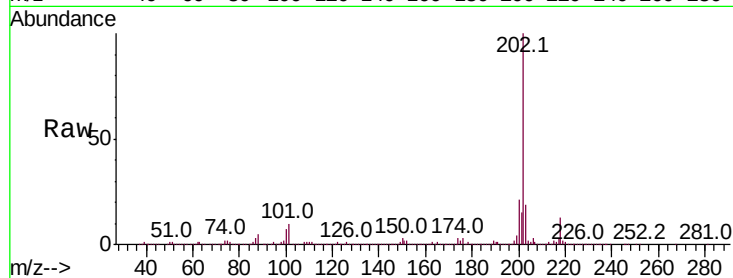
ClientSampleId :

GAHW2ME

Tot Ion:	202	Resp:	7355614
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	12.8
100	7.3	6.3	9.5

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#79

Pyrene

Concen: 77.910 ng/ul

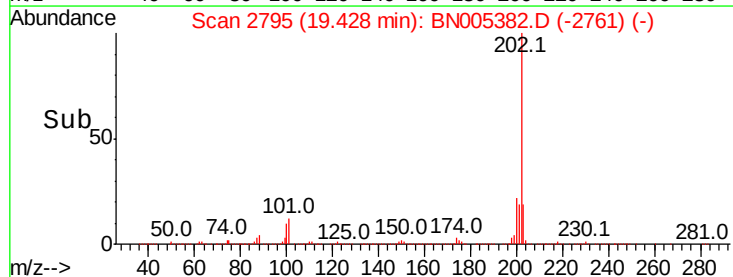
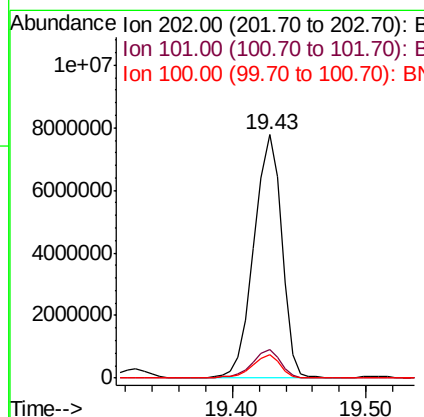
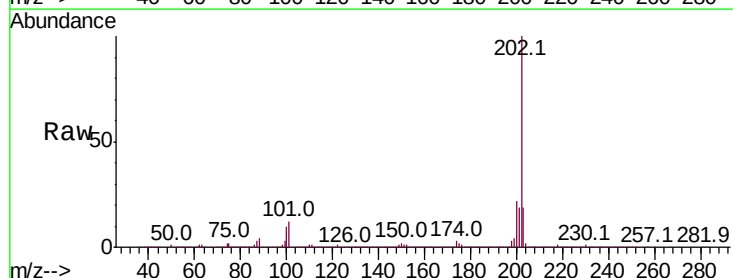
RT: 19.43 min Scan# 2795

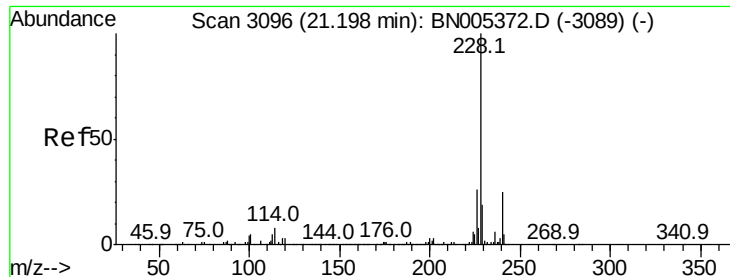
Delta R.T. 0.00 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Tgt Ion:	202	Resp:	11133843
Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.3	15.5
100	9.9	7.9	11.9





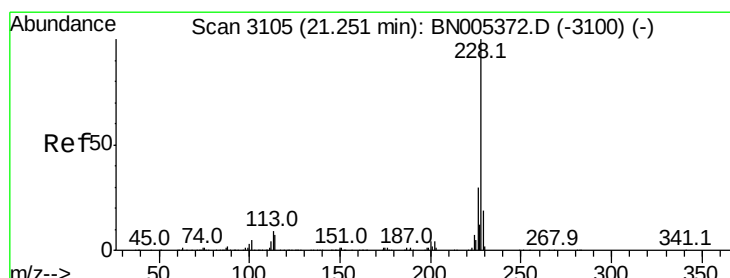
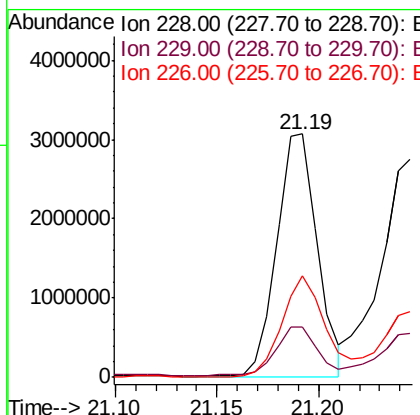
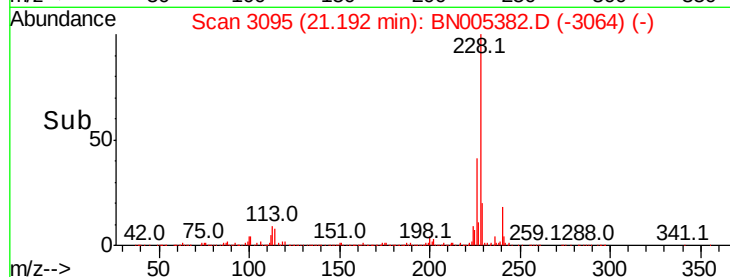
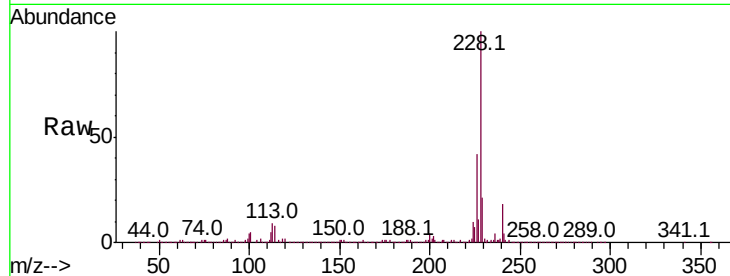
#82
Benzo(a)anthracene
Concen: 31.158 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Instrument :
BNA_N
ClientSampleId :
GAHW2ME

Tot Ion:228 Resp: 4302099
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 41.6 21.4 32.2#

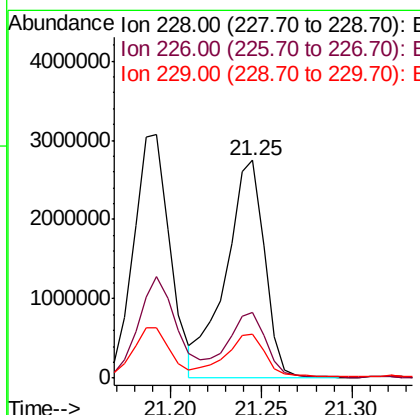
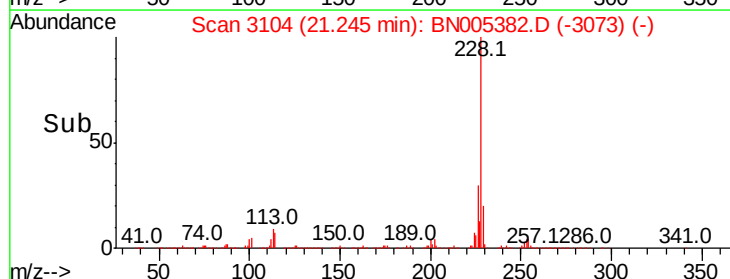
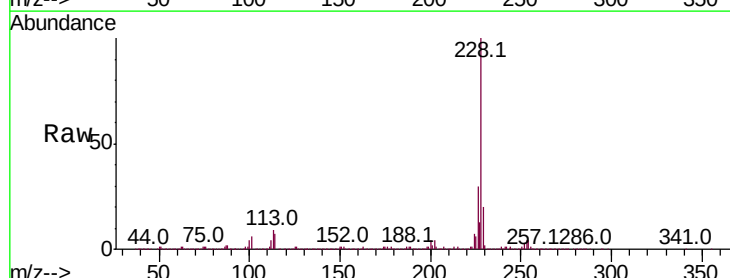
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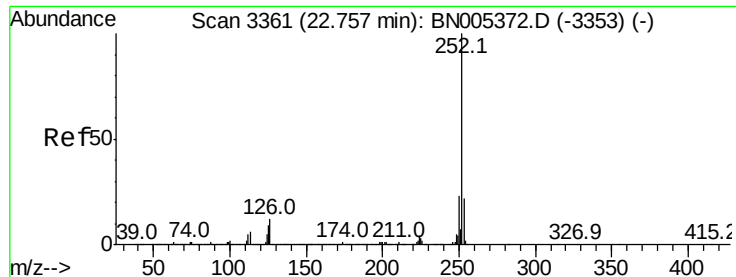
Sohil
5/1/2019 12:05:47 PM



#84
Chrysene
Concen: 31.673 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Tgt Ion:228 Resp: 4058759
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 20.3 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 17.324 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.03 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Instrument :

BNA_N

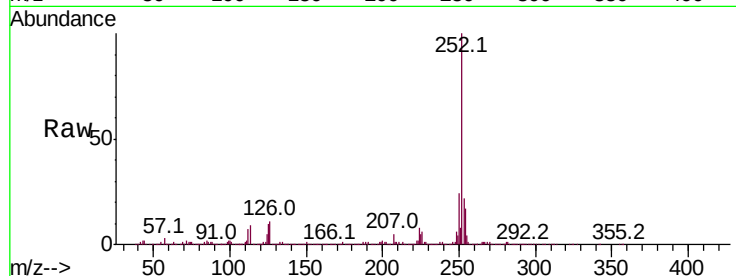
ClientSampleId :

GAHW2ME

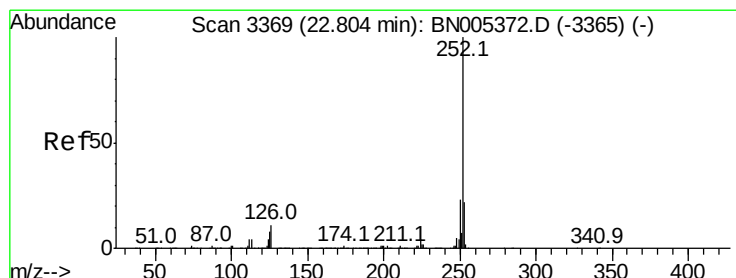
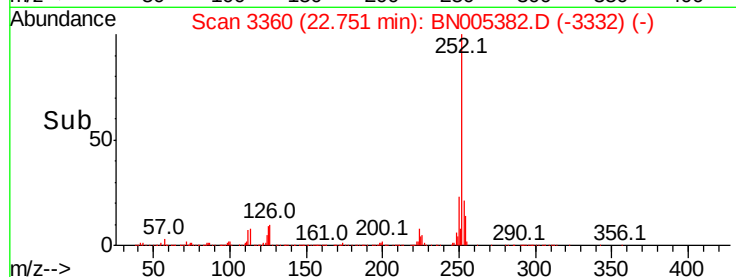
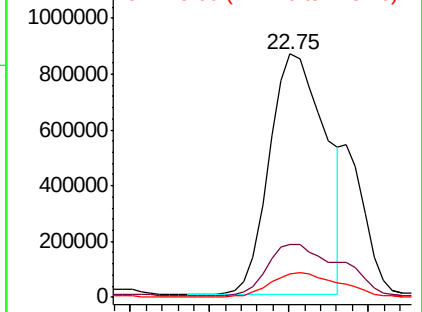
Tot Ion:	252	Resp:	2139862
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.5	8.4	12.6

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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



#88

Benzo(k)fluoranthene

Concen: 4.643 ng/ul m

RT: 22.79 min Scan# 3366

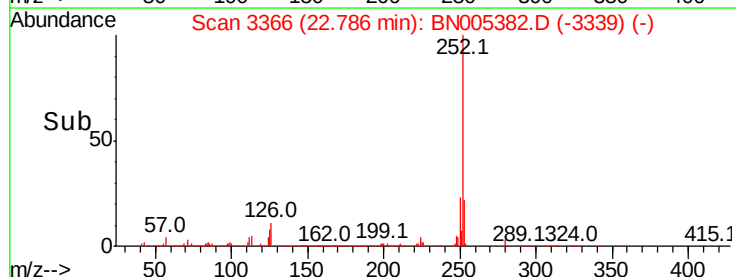
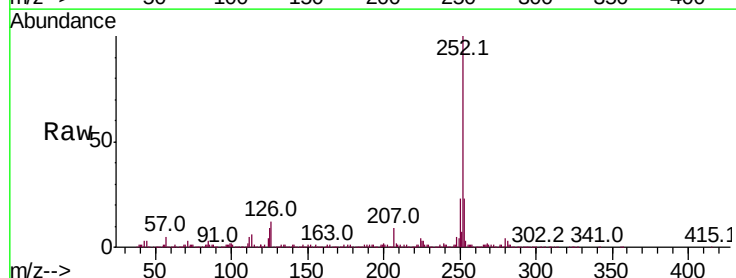
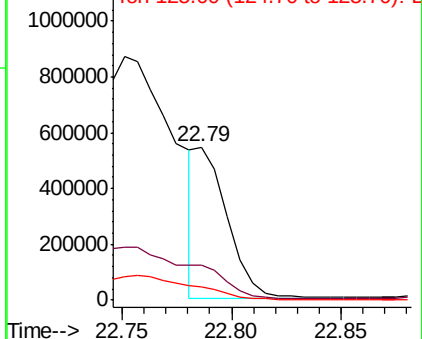
Delta R.T. -0.04 min

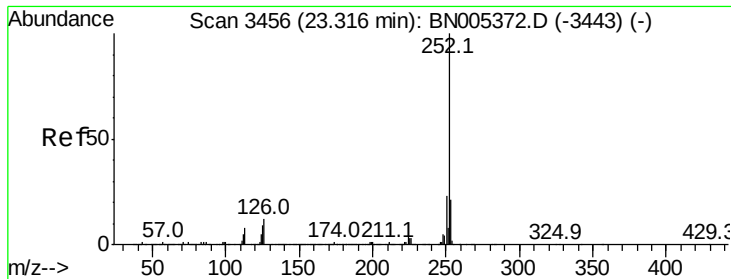
Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Tgt Ion:	252	Resp:	547762
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	8.7	7.5	11.3

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





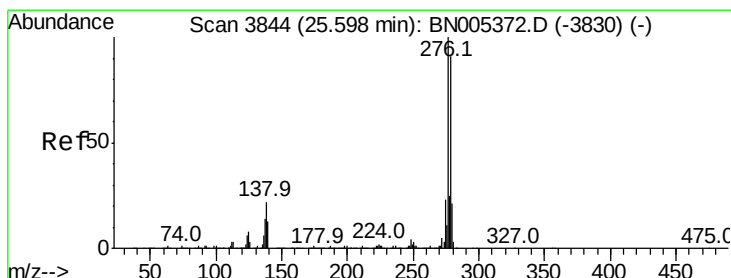
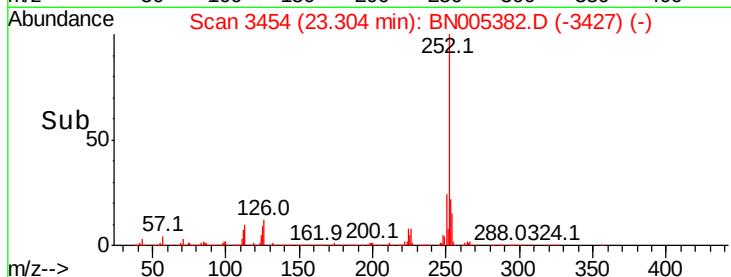
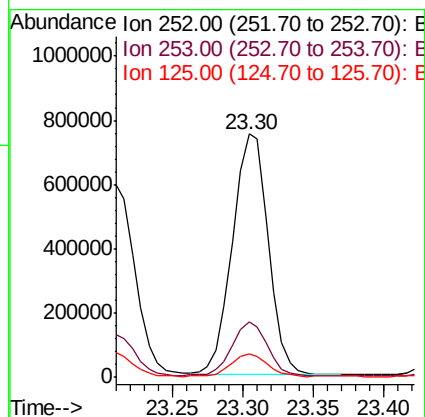
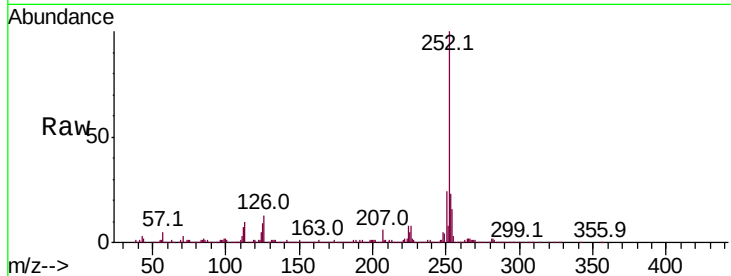
#90
Benzo(a)pyrene
Concen: 11.476 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.04 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Instrument :
BNA_N
ClientSampleId :
GAHW2ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.4	8.6	13.0

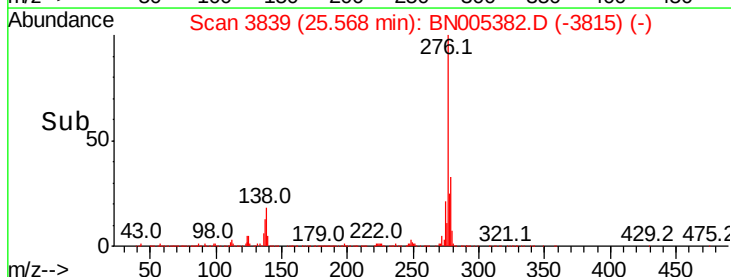
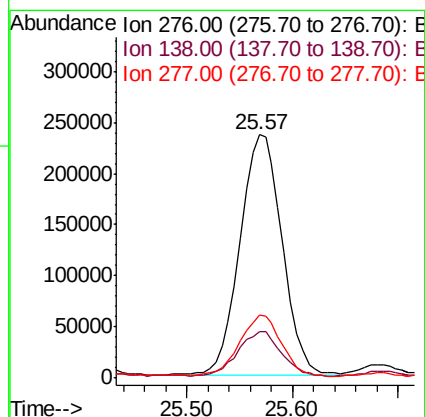
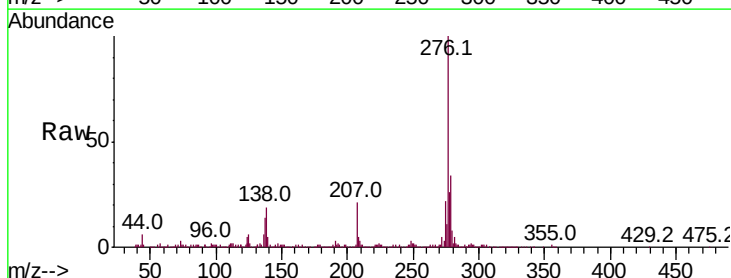
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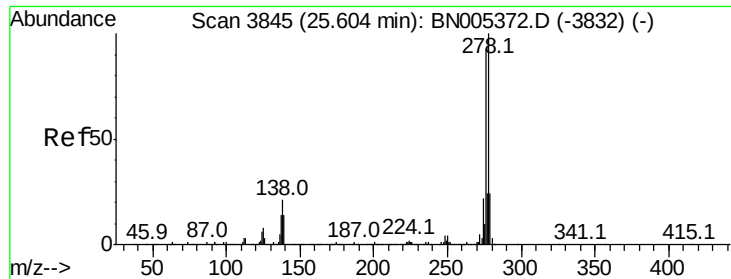
Sohil
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#91
Indeno(1,2,3-cd)pyrene
Concen: 5.096 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. -0.06 min
Lab File: BN005382.D
Acq: 30 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.9	26.9
277	26.2	19.7	29.5





#92

Dibenzo(a,h)anthracene

Concen: 2.349 ng/ul

RT: 25.58 min Scan# 3841

Delta R.T. -0.06 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Instrument :

BNA_N

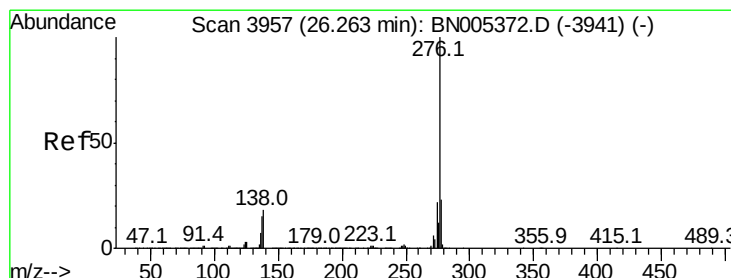
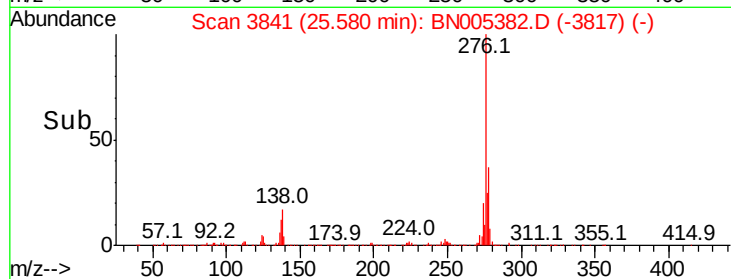
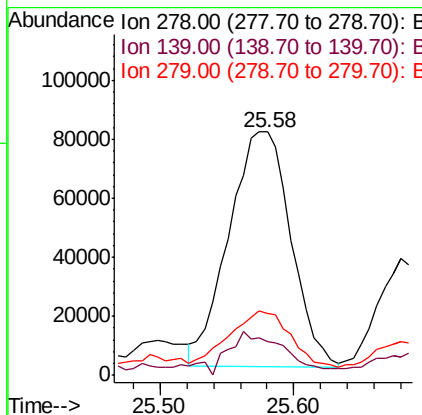
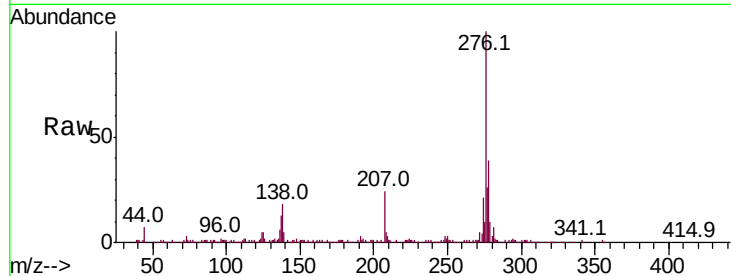
ClientSampled :

GAHW2ME

Tot Ion:	278	Resp:	255889
Ion Ratio	Lower	Upper	
278	100		
139	13.9	13.1	19.7
279	25.5	19.4	29.0

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 4.234 ng/ul

RT: 26.23 min Scan# 3952

Delta R.T. -0.06 min

Lab File: BN005382.D

Acq: 30 Apr 2019 21:23

Tgt Ion:	276	Resp:	449408
Ion Ratio	Lower	Upper	
276	100		
138	17.6	16.7	25.1
277	23.8	18.2	27.2

