

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005383.D
 Acq On : 30 Apr 2019 21:58
 Operator : JU/SJ
 Sample : K2481-06ME
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1ME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:05:49 PM

Quant Time: May 01 07:06:19 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	384392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1640787	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1066840	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2512279	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2545181	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2640372	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	34280	4.31	ng/uL	0.00
5) Phenol-d5	6.78	99	730902	24.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	444399	23.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	601250	26.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	542070	22.97	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	330560	32.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	364740	35.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	621350	26.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	838748	34.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2130604	27.51	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2579257	27.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	321976	26.33	ng/ul	0.00
57) Fluorene-d10	15.23	176	1834197	28.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	320391	28.35	ng/ul	0.00
70) Anthracene-d10	17.08	188	2954295	28.05	ng/ul	0.00
78) Pyrene-d10	19.39	212	3438949	26.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	3288217	28.50	ng/ul	-0.04

Target Compounds

					Ovalue	
28) Naphthalene	10.41	128	17415550	228.318	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	16860839	301.888	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1432375	18.020	ng/ul	98
44) Dimethylphthalate	13.69	163	494205	6.404	ng/ul	99
47) Acenaphthylene	13.95	152	5901243	63.131	ng/ul	97
49) Acenaphthene	14.29	153	542244	8.497	ng/ul	99
53) Dibenzofuran	14.63	168	676485	7.363	ng/ul	97
58) Fluorene	15.28	166	3076022	42.904	ng/ul	97
69) Phenanthrene	17.03	178	12317443	100.672	ng/ul	97
71) Anthracene	17.12	178	2722878	21.846	ng/ul	99
76) Fluoranthene	19.05	202	2811615	20.718	ng/ul	97
79) Pyrene	19.42	202	4383818	26.751	ng/ul	96
82) Benzo(a)anthracene	21.19	228	1696570m	10.715	ng/ul	
84) Chrysene	21.24	228	1411402	9.605	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	772004	5.201	ng/ul	98
88) Benzo(k)fluoranthene	22.78	252	284437m	2.007	ng/ul	
90) Benzo(a)pyrene	23.30	252	919763	6.593	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.57	276	252105	1.634	ng/ul	96
93) Benzo(g,h,i)perylene	26.23	276	175890	1.379	ng/ul	96

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

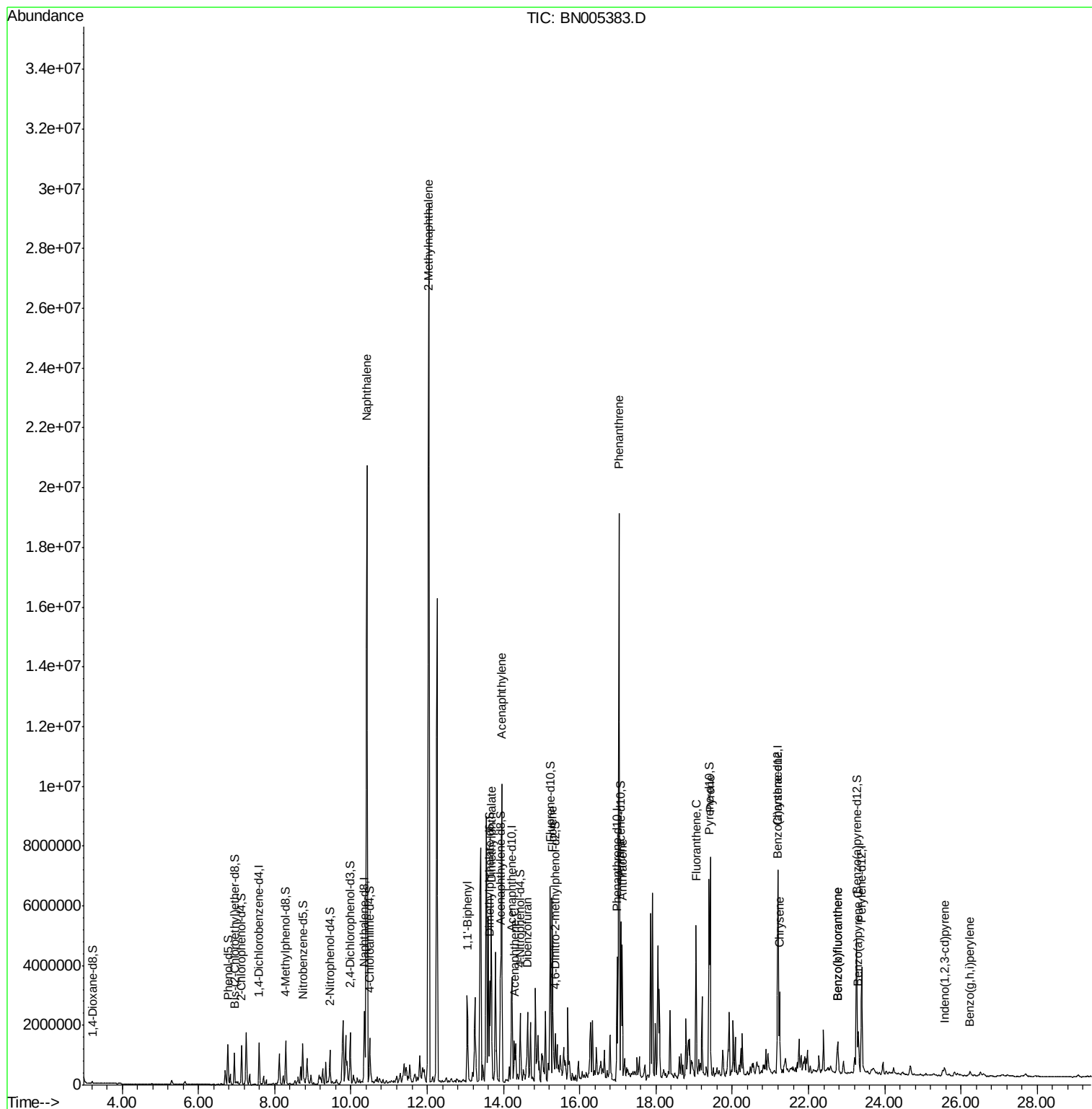
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005383.D
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ALS Vial : 17 Sample Multiplier: 1

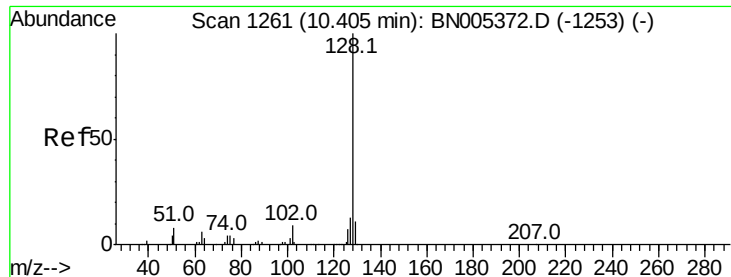
Instrument :
BNA_N
ClientSampleId :
GAHW1ME

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Quant Time: May 01 07:06:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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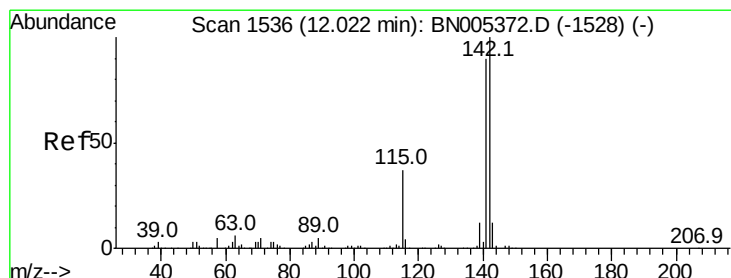
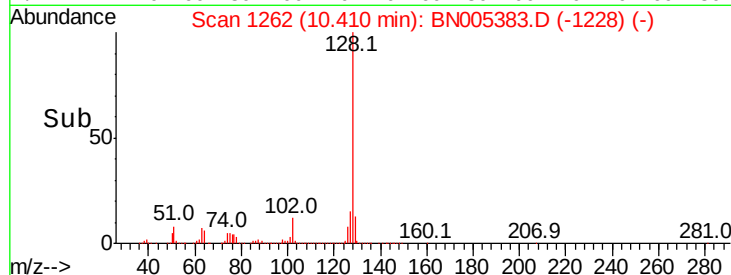
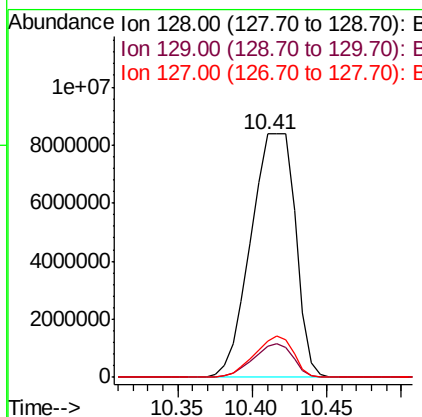
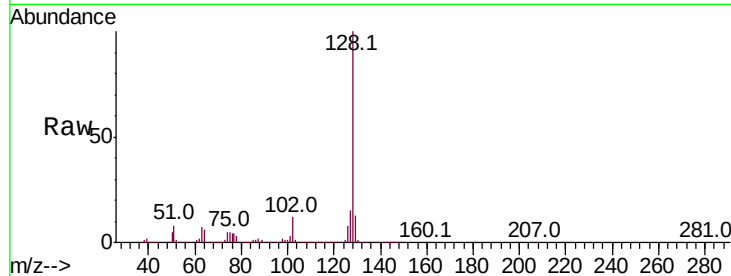
#28
Naphthalene
Concen: 228.318 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Instrument :
BNA_N
ClientSampleId :
GAHW1ME

Tot Ion:128 Resp:17415550
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 15.1 10.7 16.1

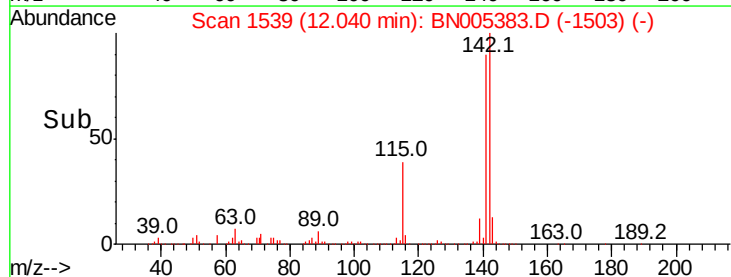
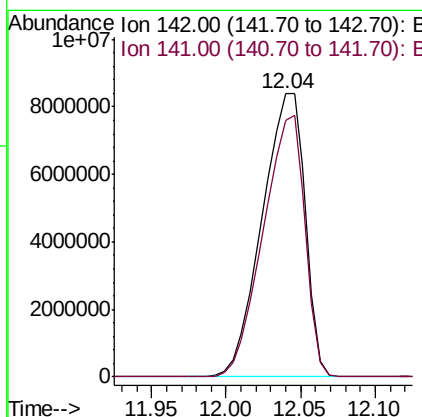
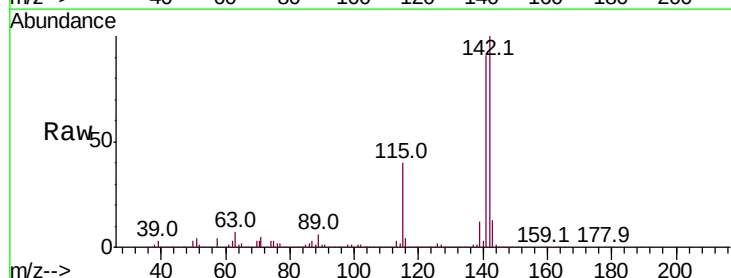
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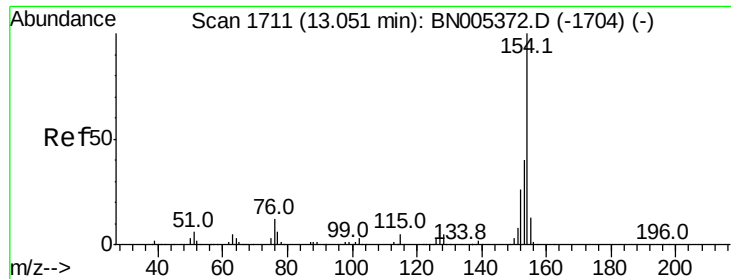
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#34
2-Methylnaphthalene
Concen: 301.888 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Tgt Ion:142 Resp:16860839
Ion Ratio Lower Upper
142 100
141 90.6 72.0 108.0





#40

1,1'-Biphenyl

Concen: 18.020 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Instrument :

BNA_N

ClientSampleId :

GAHW1ME

Tot Ion:154 Resp: 1432375

Ion Ratio Lower Upper

154 100

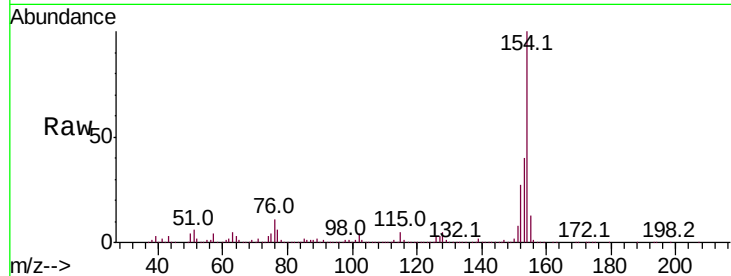
153 39.7 32.6 49.0

76 11.2 10.4 15.6

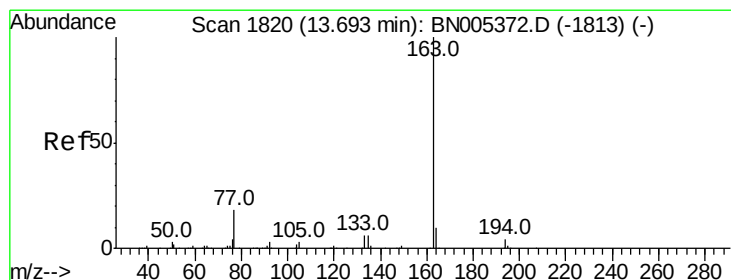
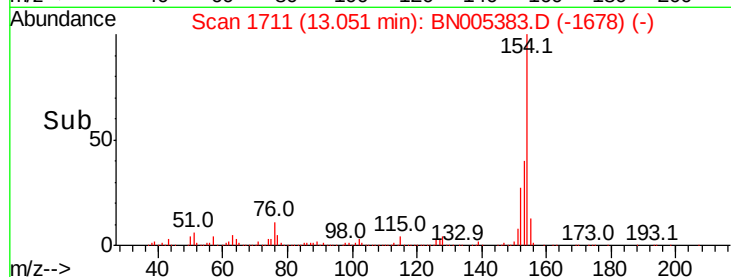
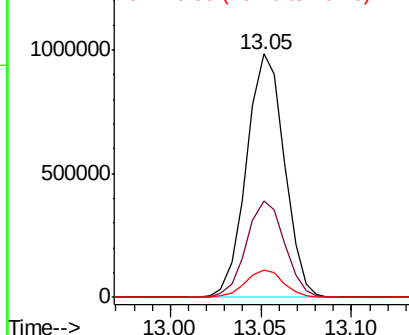
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNO



#44

Dimethylphthalate

Concen: 6.404 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

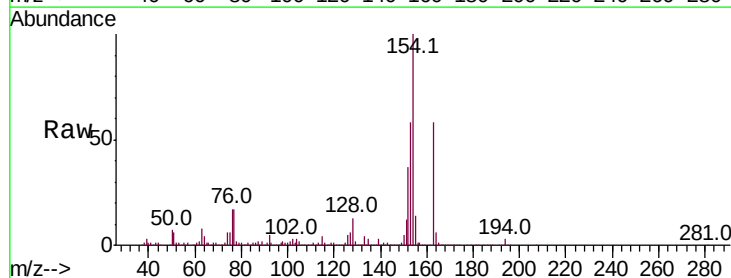
Tgt Ion:163 Resp: 494205

Ion Ratio Lower Upper

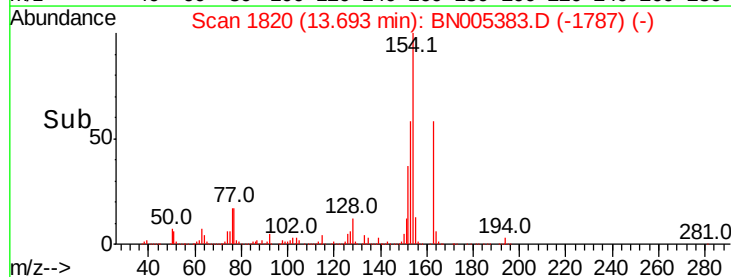
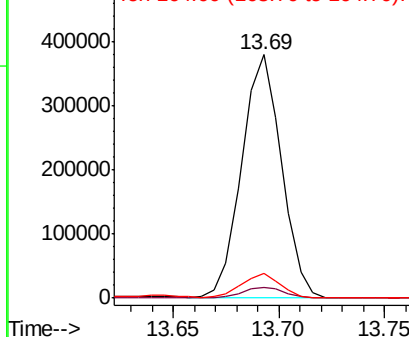
163 100

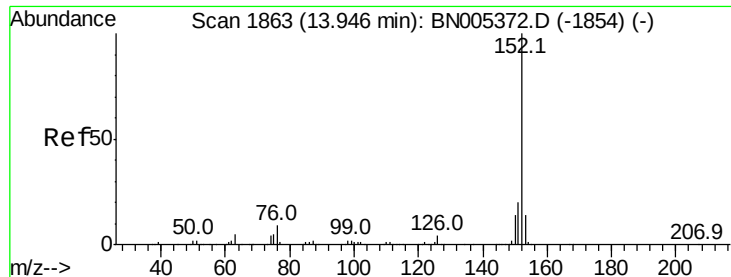
194 4.5 3.4 5.0

164 10.4 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





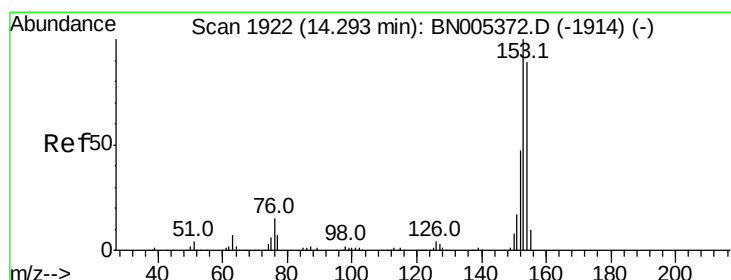
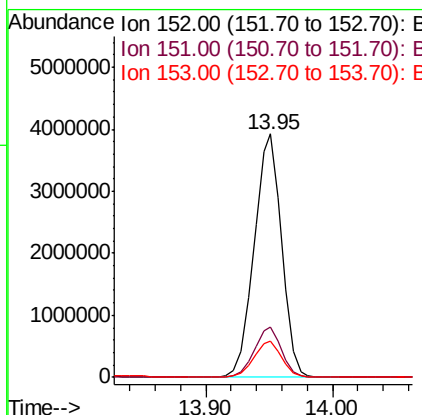
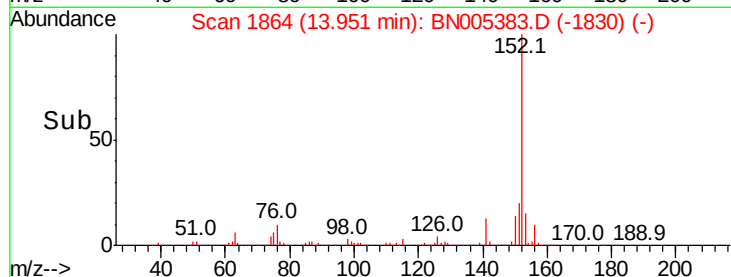
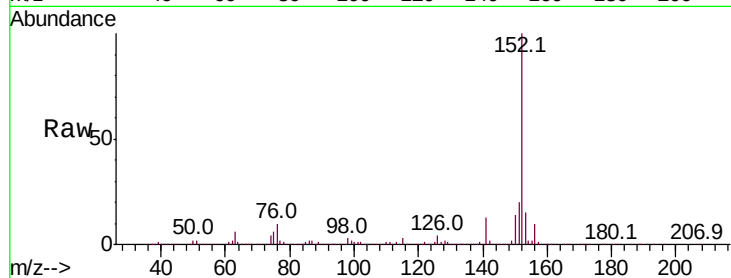
#47
Acenaphthylene
Concen: 63.131 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Instrument :
BNA_N
ClientSampled :
GAHW1ME

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	14.7	9.8	14.8

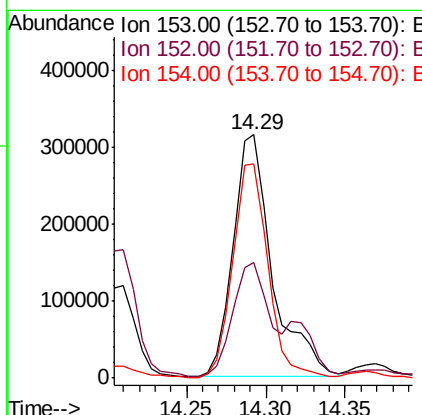
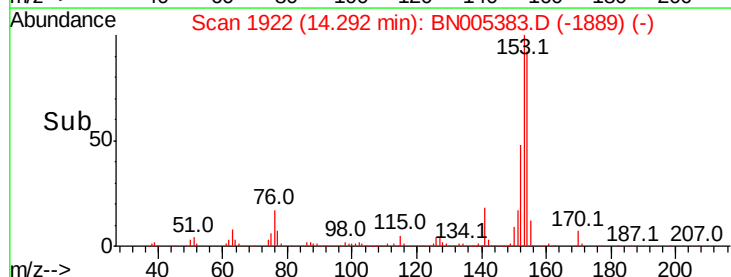
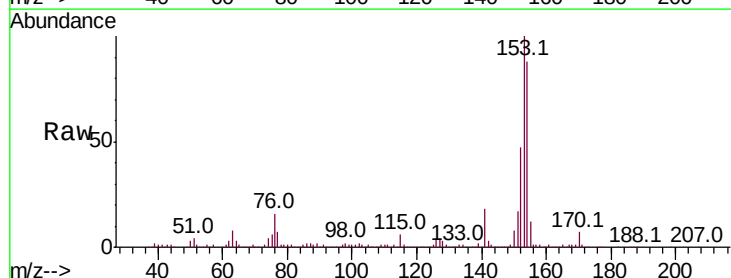
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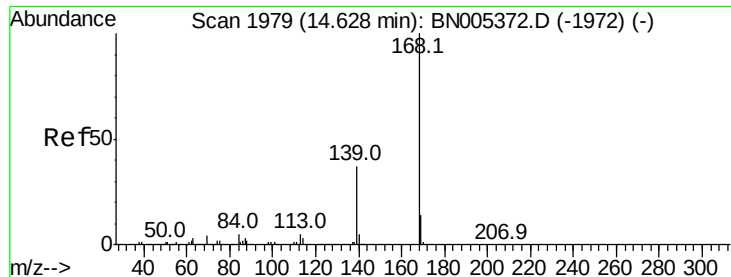
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#49
Acenaphthene
Concen: 8.497 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.4	56.0
154	87.9	71.2	106.8





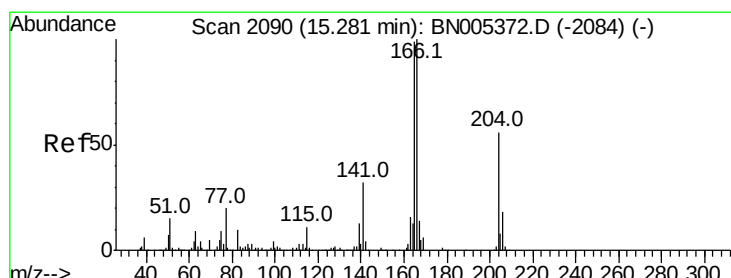
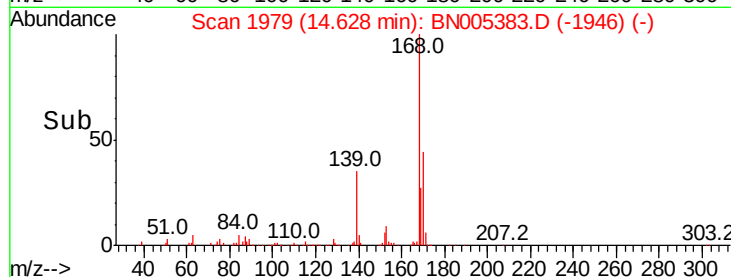
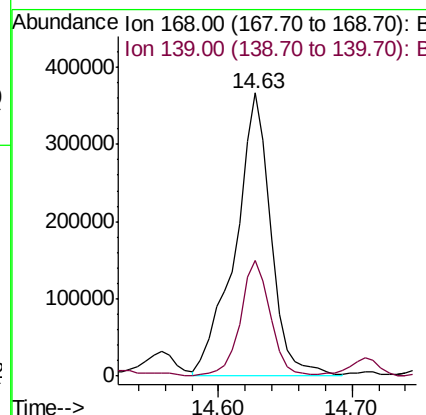
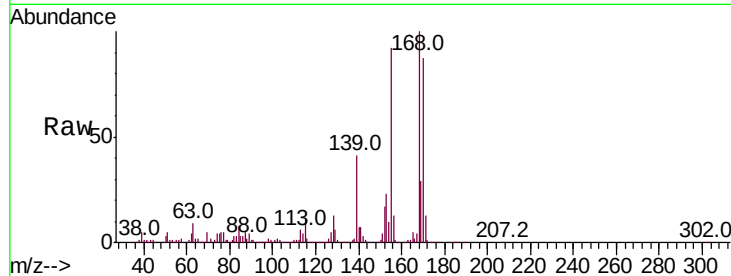
#53
Dibenzenofuran
Concen: 7.363 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Instrument :
BNA_N
ClientSampleId :
GAHW1ME

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.9	46.3

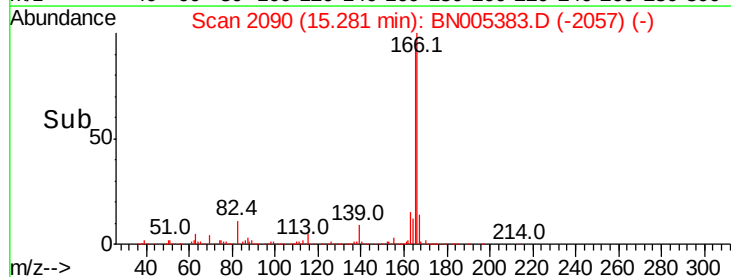
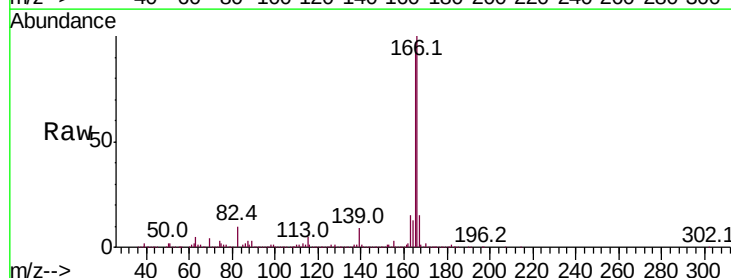
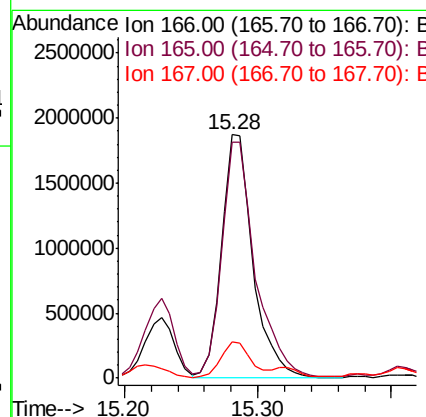
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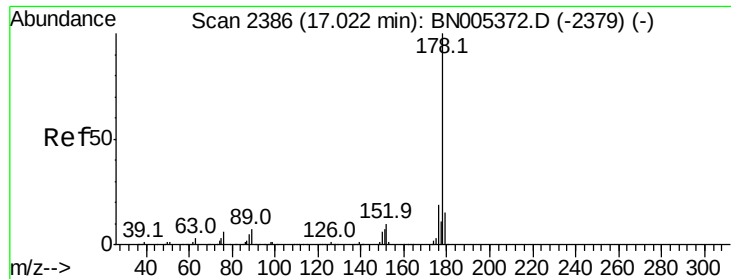
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#58
Fluorene
Concen: 42.904 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	15.1	10.7	16.1





#69

Phenanthrene

Concen: 100.672 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Instrument :

BNA_N

ClientSampleId :

GAHW1ME

Tot Ion:178 Resp:12317443

Ion Ratio Lower Upper

178 100

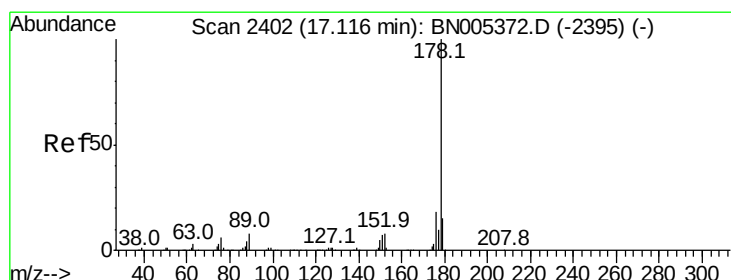
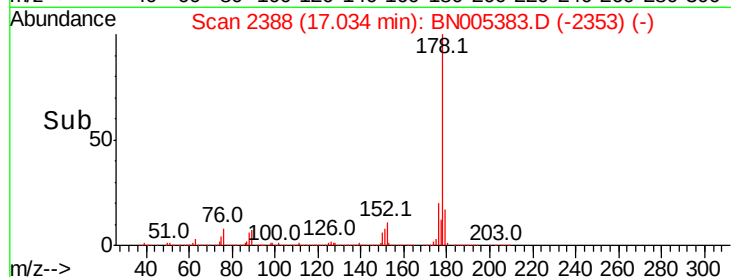
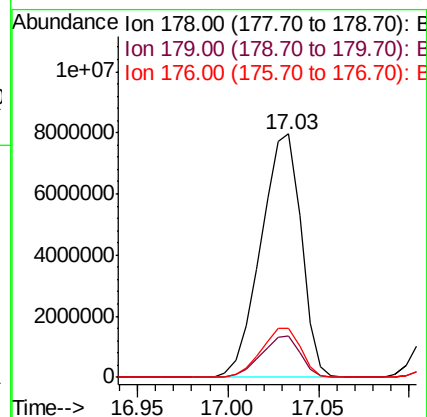
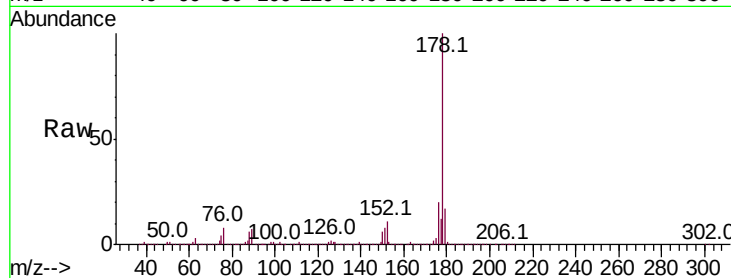
179 16.8 12.2 18.4

176 20.3 15.1 22.7

Manual Integrations
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#71

Anthracene

Concen: 21.846 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

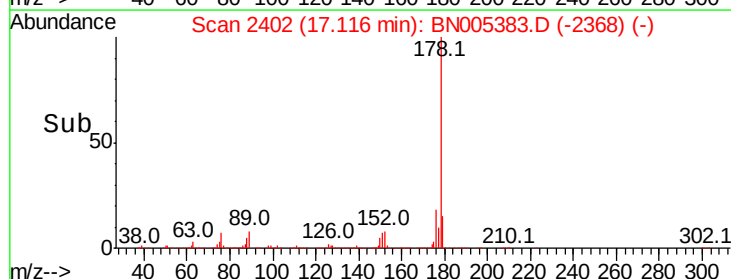
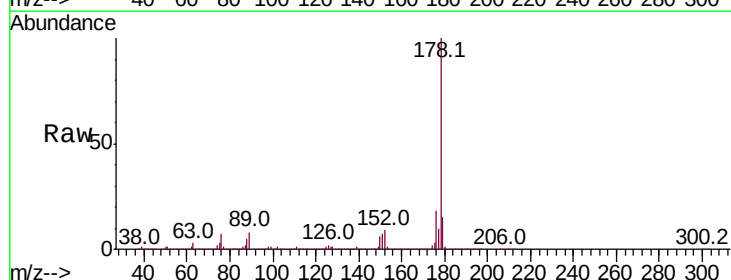
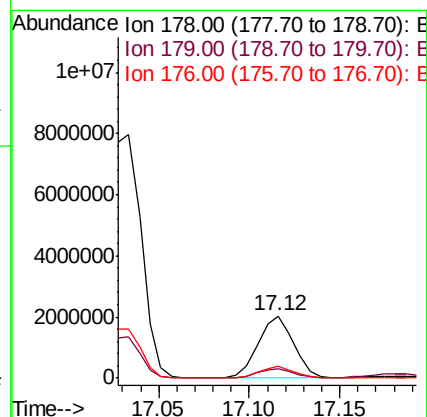
Tgt Ion:178 Resp: 2722878

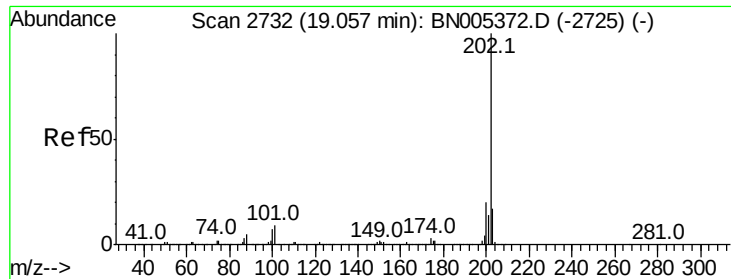
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.4 15.1 22.7





#76

Fluoranthene

Concen: 20.718 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Instrument :

BNA_N

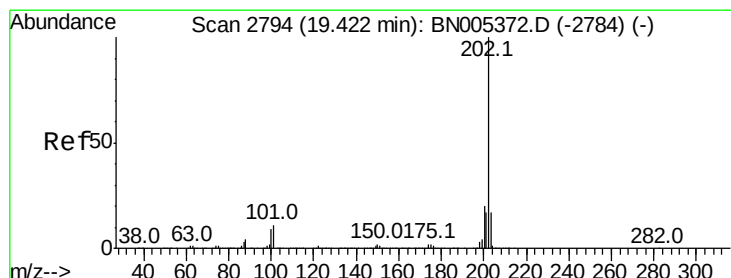
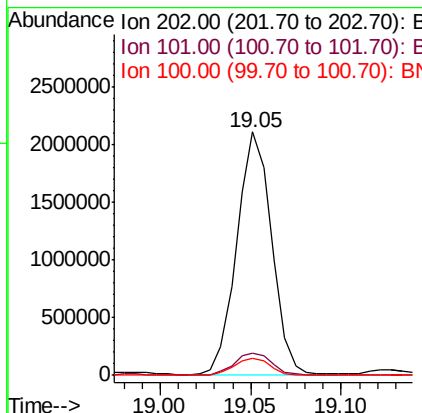
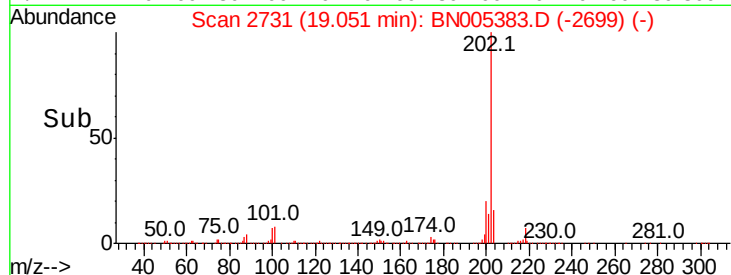
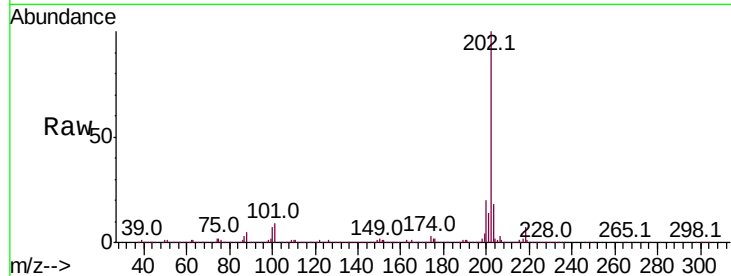
ClientSampled :

GAHW1ME

Tot Ion:	202	Resp:	2811615
Ion Ratio	Lower	Upper	
202	100		
101	9.3	8.6	12.8
100	7.2	6.3	9.5

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#79

Pyrene

Concen: 26.751 ng/ul

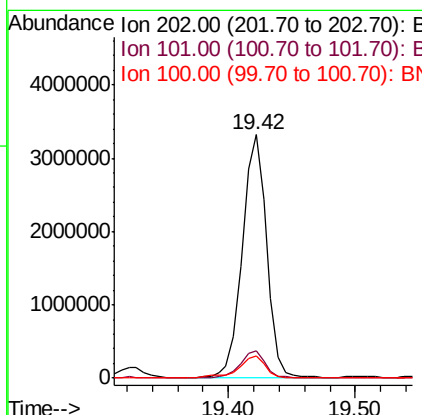
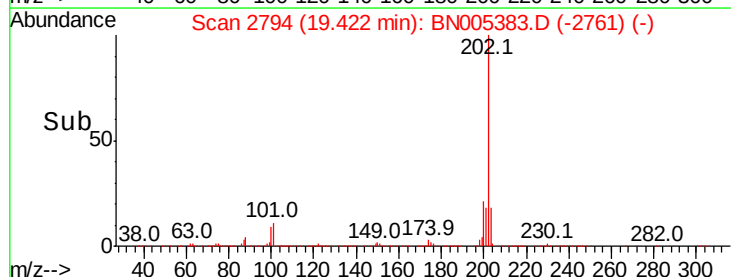
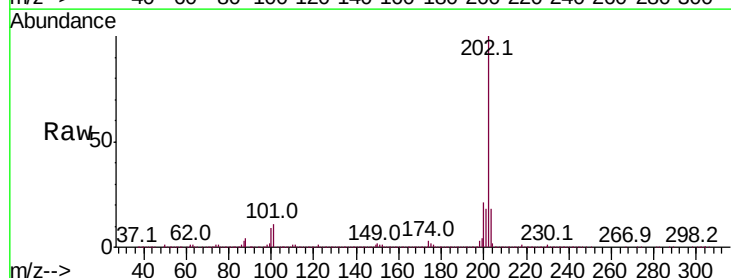
RT: 19.42 min Scan# 2794

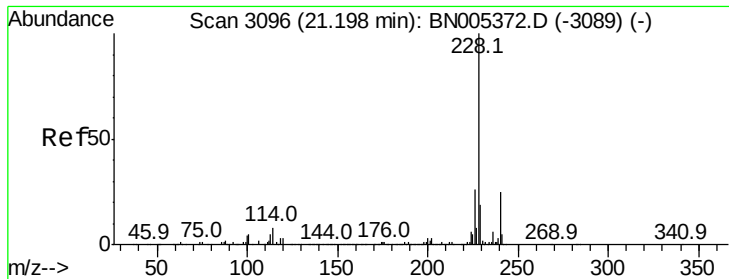
Delta R.T. -0.01 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Tgt Ion:	202	Resp:	4383818
Ion Ratio	Lower	Upper	
202	100		
101	11.0	10.3	15.5
100	8.9	7.9	11.9





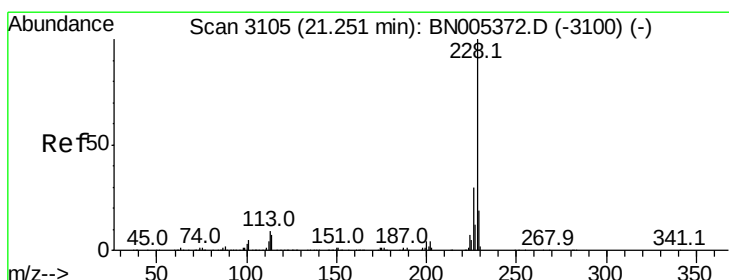
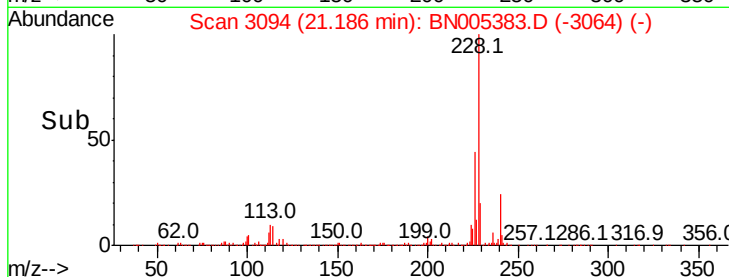
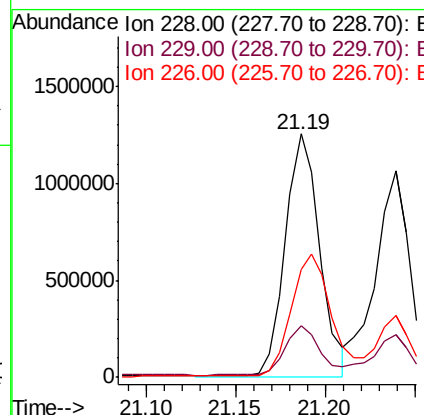
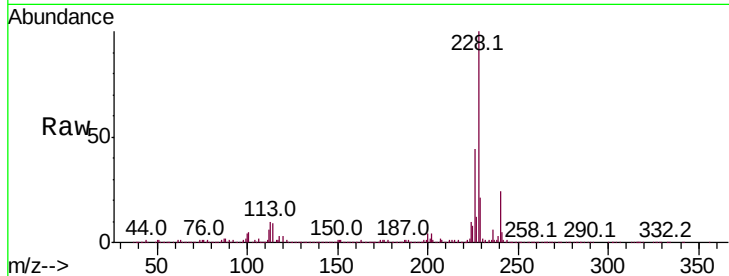
#82
Benzo(a)anthracene
Concen: 10.715 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Instrument :
BNA_N
ClientSampleId :
GAHW1ME

Tot Ion:228 Resp: 1696570
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 44.4 21.4 32.2#

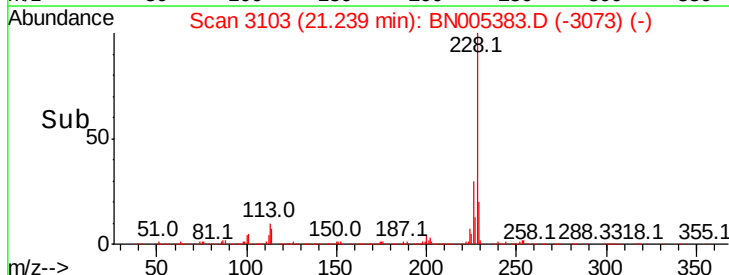
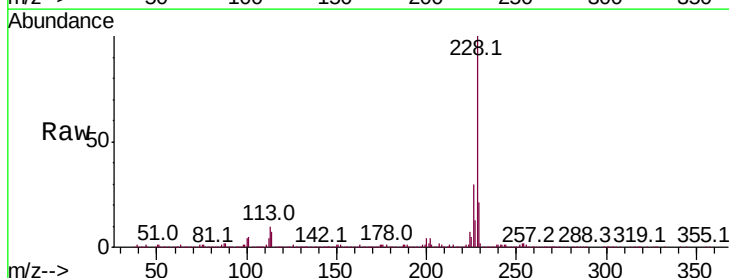
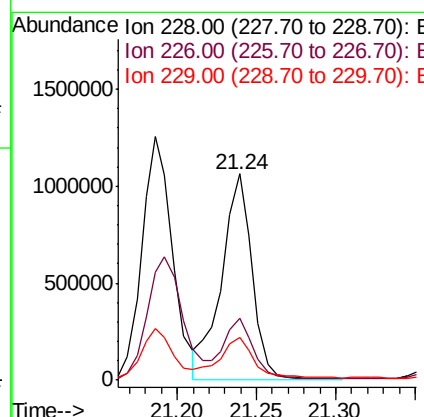
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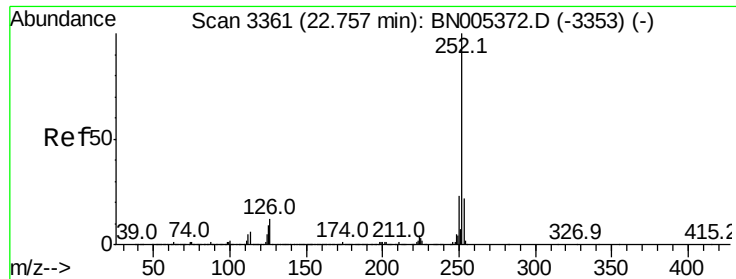
Sohil
5/1/2019 12:05:49 PM



#84
Chrysene
Concen: 9.605 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Tgt Ion:228 Resp: 1411402
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.6 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 5.201 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.03 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Instrument :

BNA_N

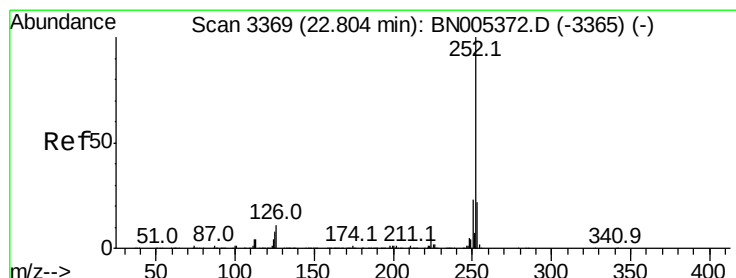
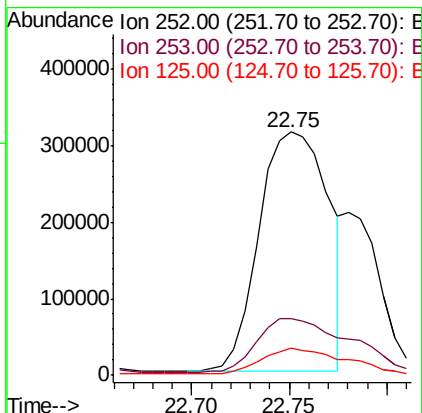
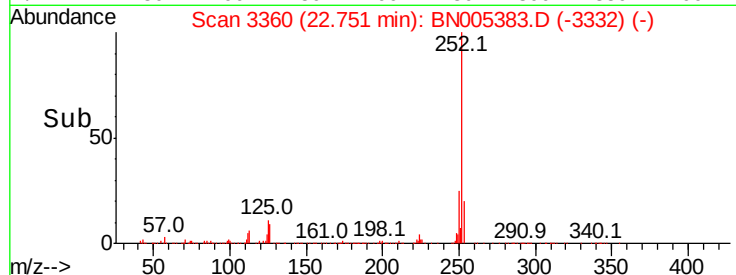
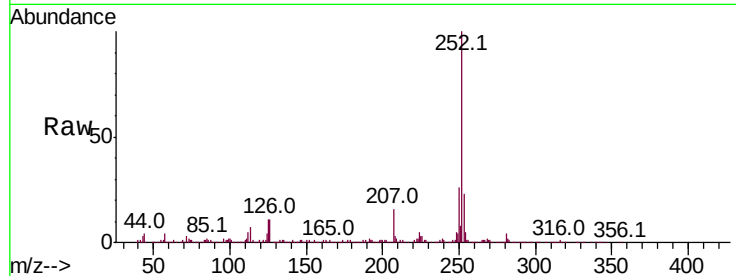
ClientSampleId :

GAHW1ME

Tot Ion:	252	Resp:	772004
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	11.2	8.4	12.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.007 ng/ul m

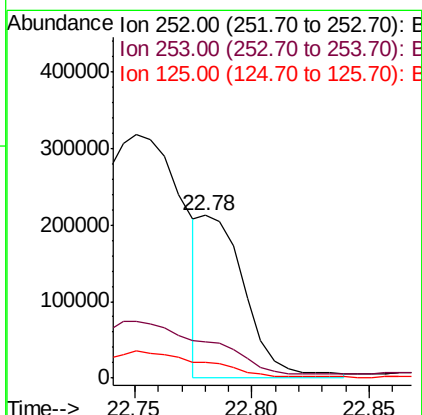
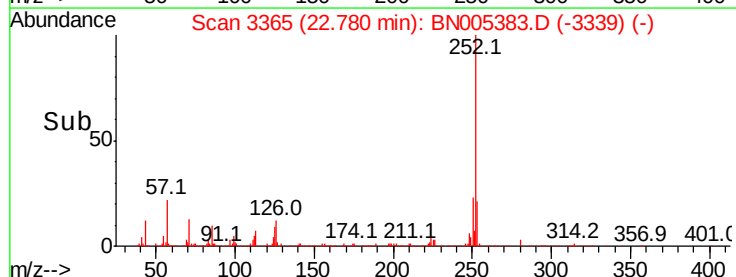
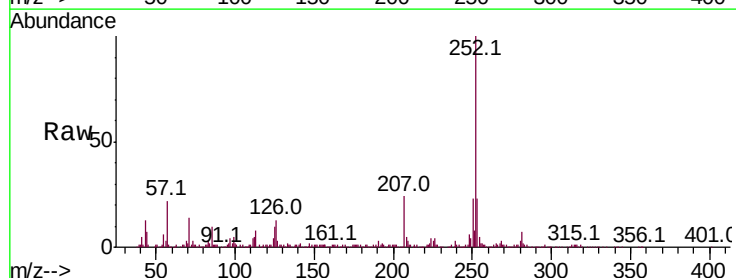
RT: 22.78 min Scan# 3365

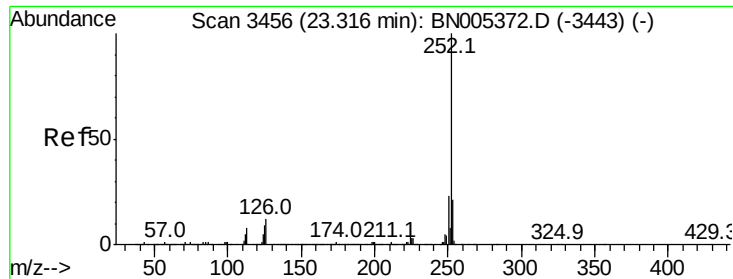
Delta R.T. -0.05 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Tgt Ion:	252	Resp:	284437
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	10.0	7.5	11.3





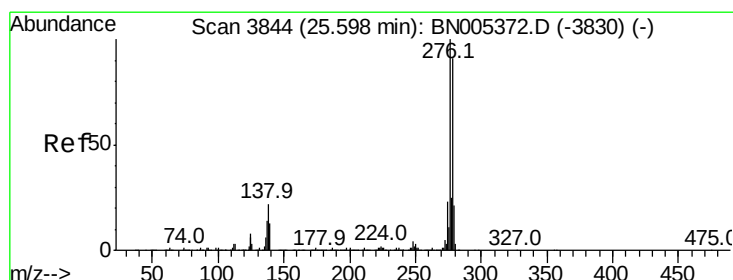
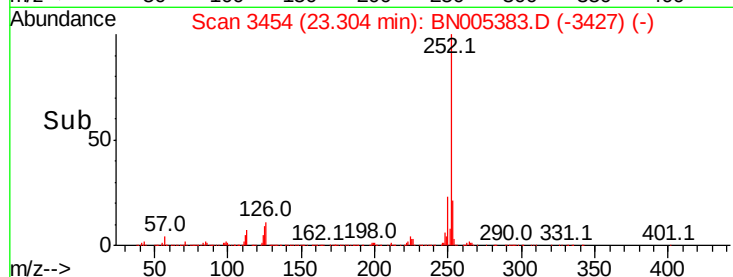
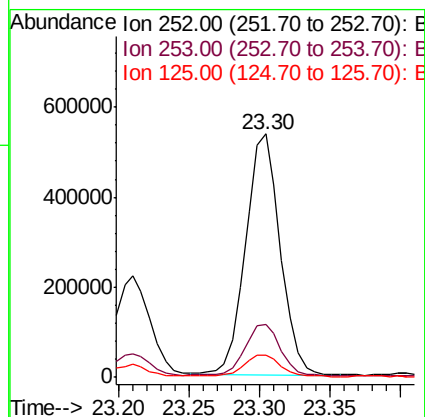
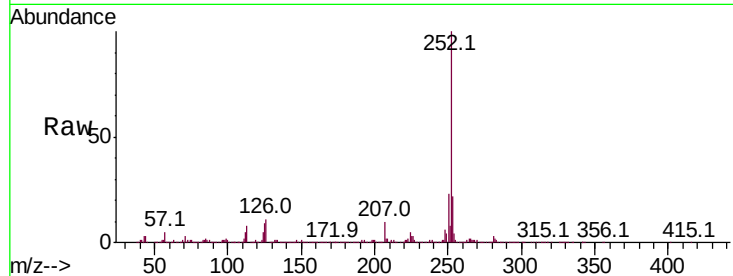
#90
Benzo(a)pyrene
Concen: 6.593 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.04 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Instrument :
BNA_N
ClientSampleId :
GAHW1ME

Tot Ion:	252	Resp:	919763
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	8.9	8.6	13.0

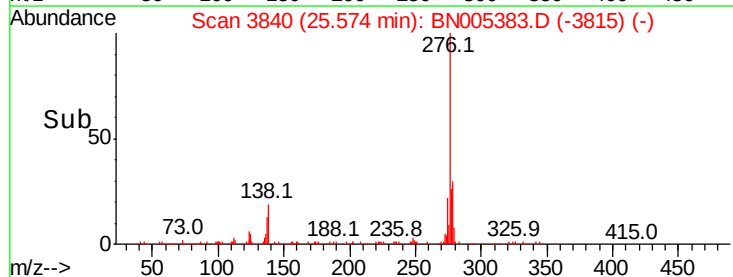
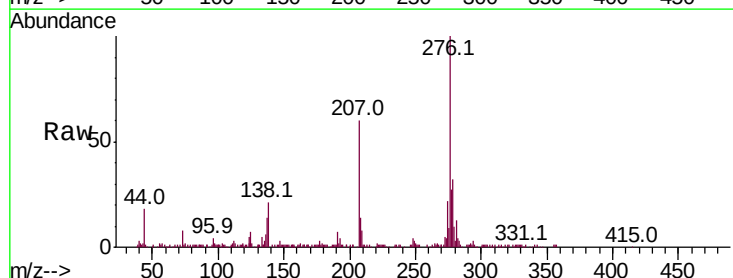
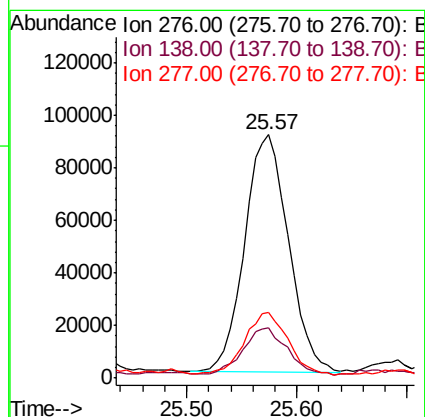
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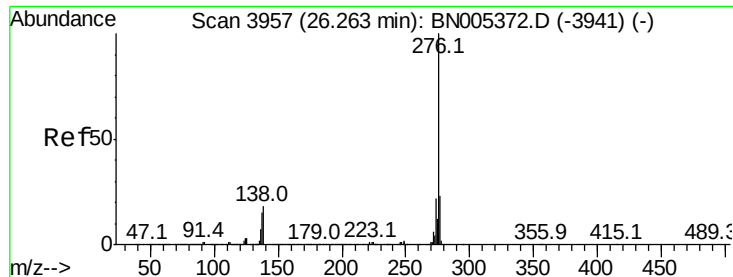
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.634 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. -0.05 min
Lab File: BN005383.D
Acq: 30 Apr 2019 21:58

Tgt Ion:	276	Resp:	252105
Ion Ratio	Lower	Upper	
276	100		
138	20.9	17.9	26.9
277	27.2	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.379 ng/ul

RT: 26.23 min Scan# 3952

Delta R.T. -0.06 min

Lab File: BN005383.D

Acq: 30 Apr 2019 21:58

Instrument :

BNA_N

ClientSampleId :

GAHW1ME

Tot Ion:	276	Resp:	175890
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.7	25.1
277	24.8	18.2	27.2

Manual Integrations
APPROVED

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