

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010380.D
 Acq On : 02 Apr 2020 04:08
 Operator : CG/JU
 Sample : L2065-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF08

Manual Integrations
 APPROVED

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Quant Time: Apr 02 05:11:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 02 00:34:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	719529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	3148628	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	2093587	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	4637875	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	5050158	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	5193635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	23791	1.56	ng/uL	0.00
5) Phenol-d5	6.79	99	461469	7.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1036170	32.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1361018	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	899789	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	856742	36.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	957142	38.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1695704	33.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	50547m	0.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	5927067	37.52	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	6832277	37.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	241277	8.13	ng/ul	0.00
58) Fluorene-d10	15.23	176	5046361	36.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	1014029	38.19	ng/ul	0.00
71) Anthracene-d10	17.08	188	8147845	38.26	ng/ul	0.00
79) Pyrene-d10	19.38	212	9479155	36.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	10041893	38.87	ng/ul	0.00

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	12.04	142	1313329	10.672	ng/ul 97
41) 1,1'-Biphenyl	13.06	154	3370480	21.156	ng/ul 99
48) Acenaphthylene	13.95	152	216993	1.093	ng/ul# 92
50) Acenaphthene	14.30	153	7148945	52.273	ng/ul 99
54) Dibenzofuran	14.64	168	11499900	59.699	ng/ul 98
59) Fluorene	15.29	166	2554407	16.294	ng/ul 99
75) Carbazole	17.38	167	4198923	19.646	ng/ul 99
77) Fluoranthene	19.05	202	1150316	4.203	ng/ul 96
80) Pvrene	19.41	202	549164	1.626	ng/ul 98

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

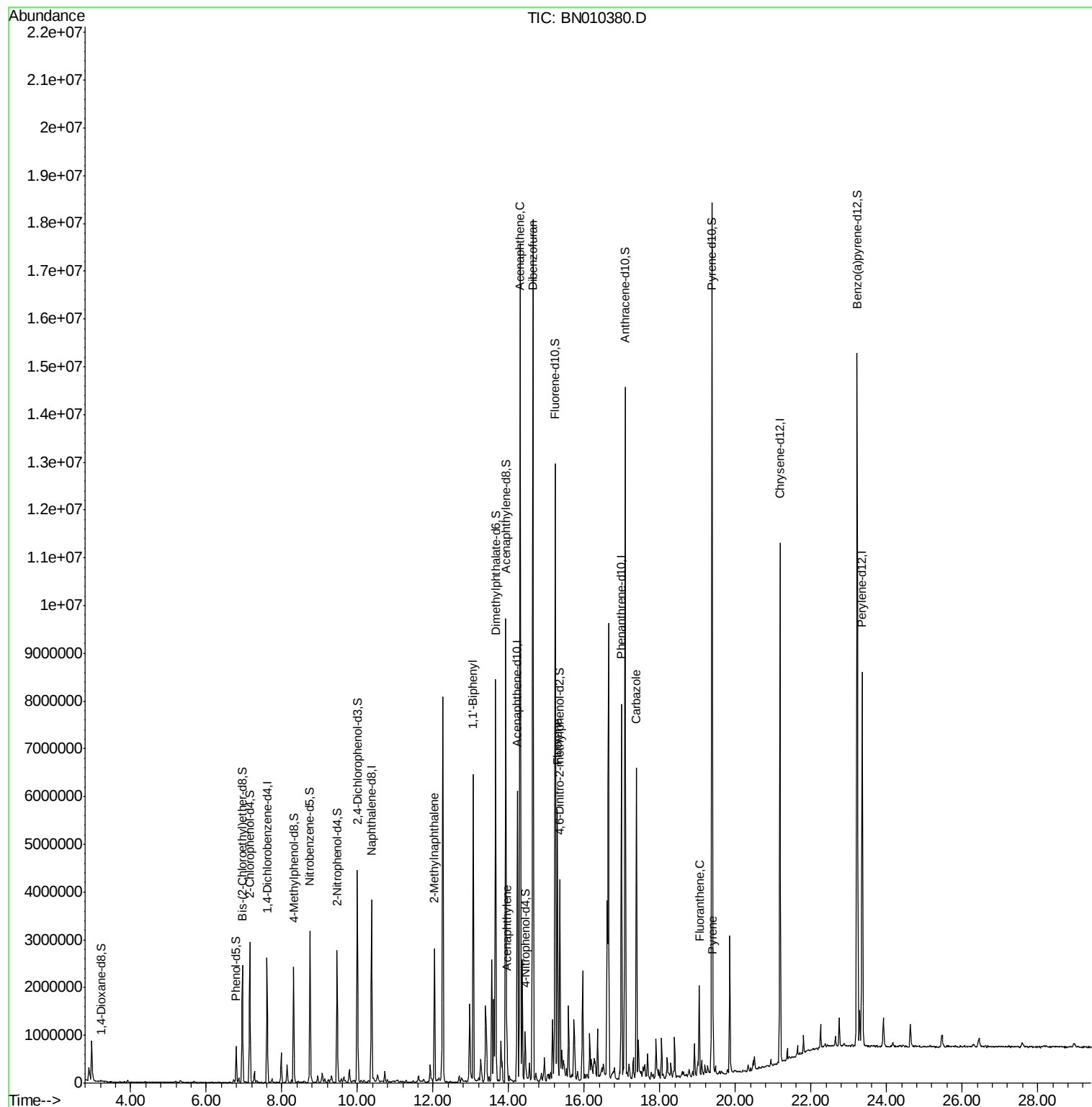
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
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ALS Vial : 17 Sample Multiplier: 1

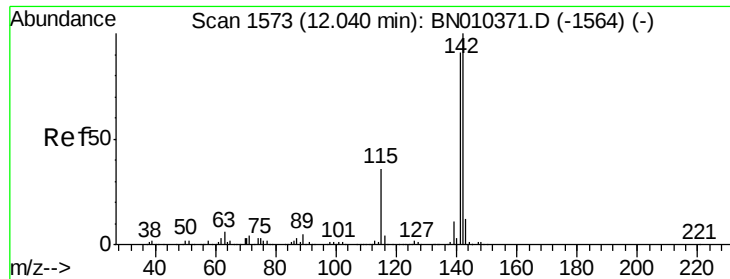
Instrument :
BNA_N
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Quant Title : SVOA CALIBRATION
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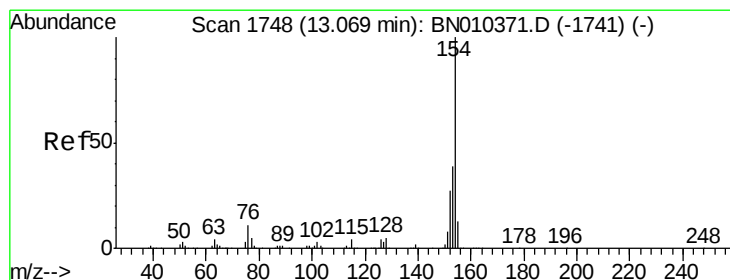
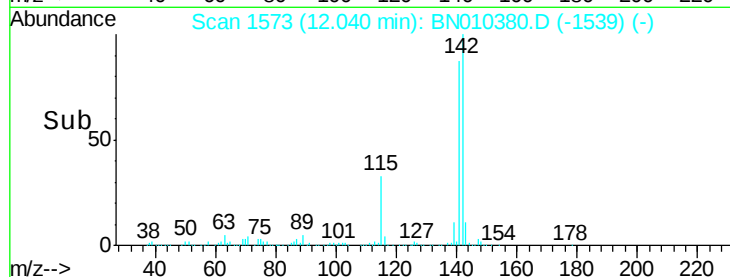
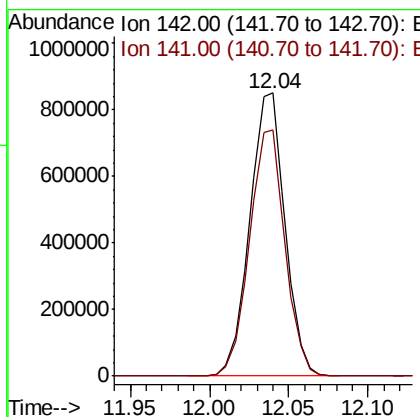
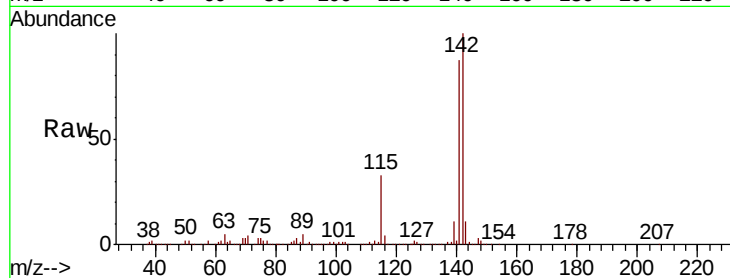
#34
 2-Methylnaphthalene
 Concen: 10.672 ng/ul
 RT: 12.04 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BN010380.D
 Acq: 02 Apr 2020 04:08

Instrument :
 BNA_N
 ClientSampleId :
 DBF08

Tot Ion:142 Resp: 1313329
 Ion Ratio Lower Upper
 142 100
 141 87.1 72.1 108.1

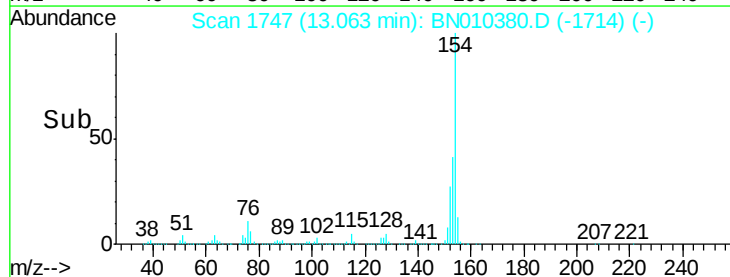
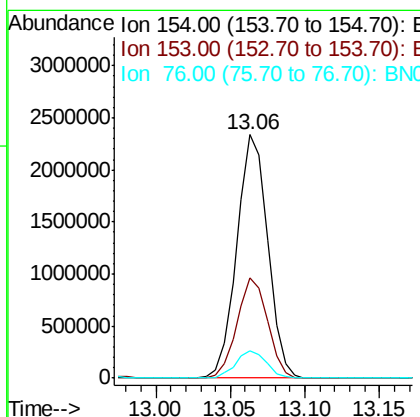
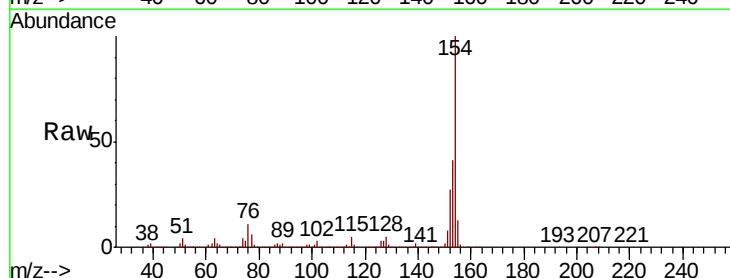
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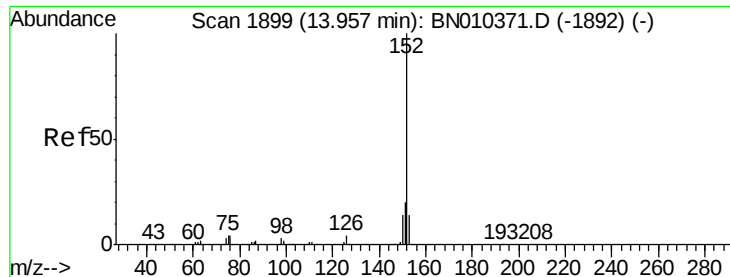
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#41
 1,1'-Biphenyl
 Concen: 21.156 ng/ul
 RT: 13.06 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BN010380.D
 Acq: 02 Apr 2020 04:08

Tgt Ion:154 Resp: 3370480
 Ion Ratio Lower Upper
 154 100
 153 41.1 32.6 49.0
 76 11.4 9.4 14.2





#48

Acenaphthylene

Concen: 1.093 ng/ul

RT: 13.95 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN010380.D

Acq: 02 Apr 2020 04:08

Instrument :

BNA_N

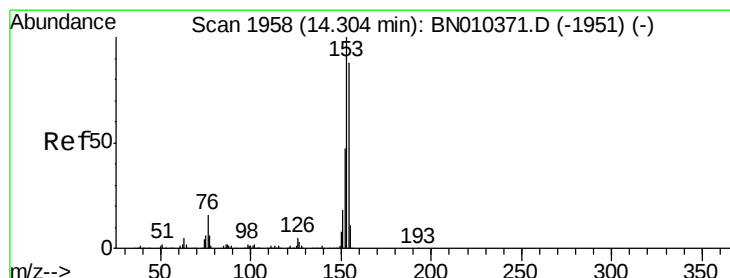
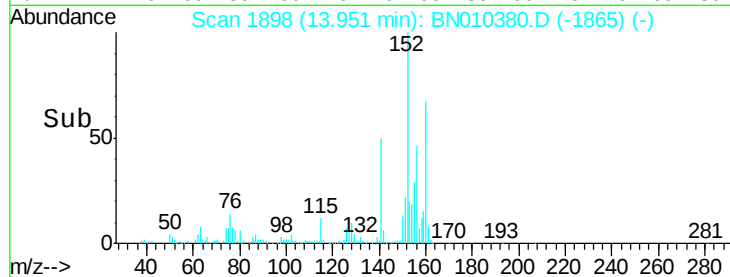
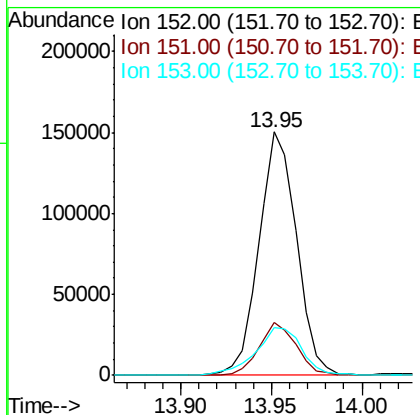
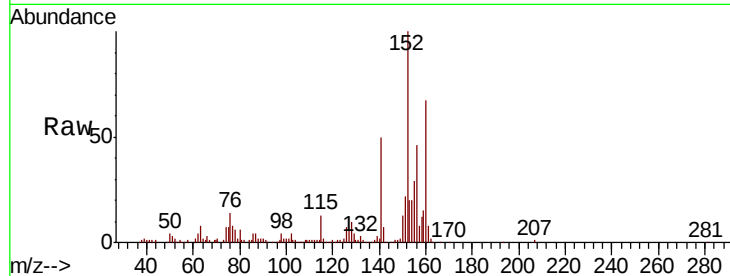
ClientSampleId :

DBF08

Tot Ion:	152	Resp:	216993
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.3	24.5
153	19.7	10.2	15.2#

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#50

Acenaphthene

Concen: 52.273 ng/ul

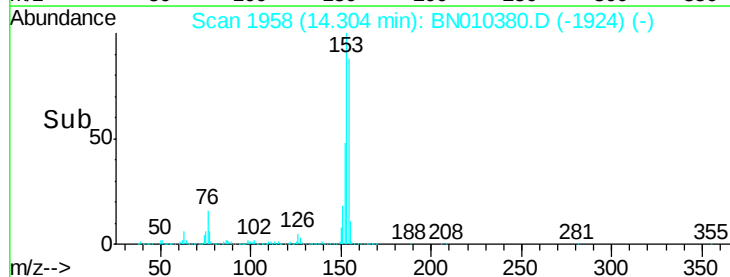
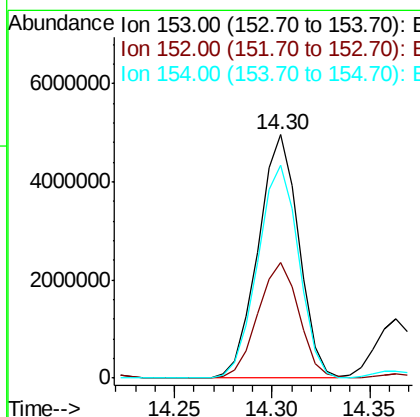
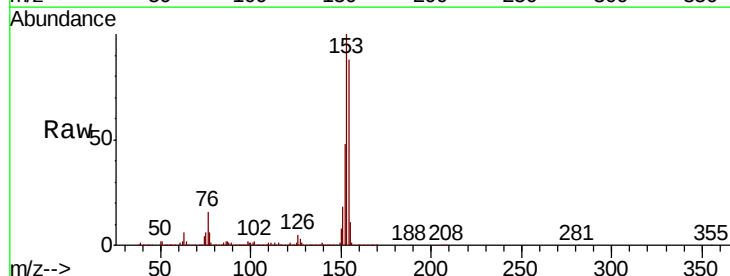
RT: 14.30 min Scan# 1958

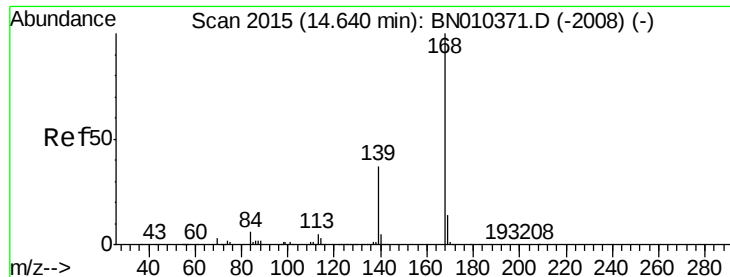
Delta R.T. 0.00 min

Lab File: BN010380.D

Acq: 02 Apr 2020 04:08

Tgt Ion:	153	Resp:	7148945
Ion Ratio	Lower	Upper	
153	100		
152	47.7	37.8	56.6
154	87.7	69.1	103.7





#54

Dibenzenofuran

Concen: 59.699 ng/ul

RT: 14.64 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BN010380.D

Acq: 02 Apr 2020 04:08

Instrument :

BNA_N

ClientSampleId :

DBF08

Tot Ion:168 Resp:11499900

Ion Ratio Lower Upper

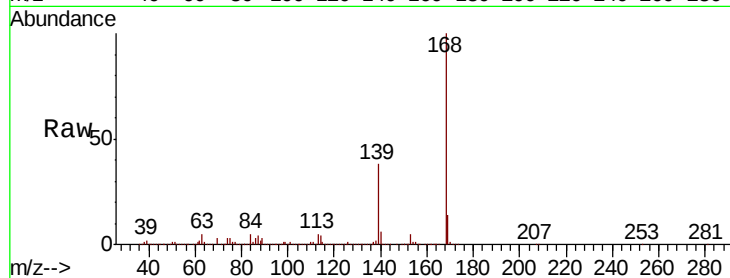
168 100

139 37.7 29.0 43.4

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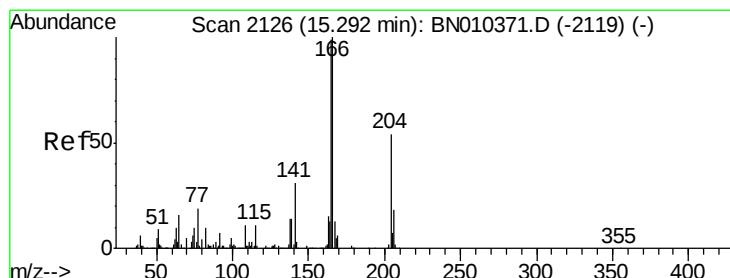
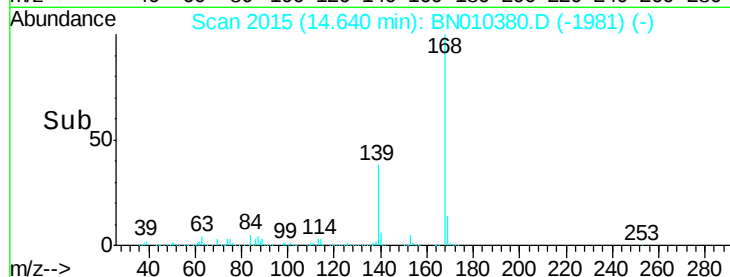
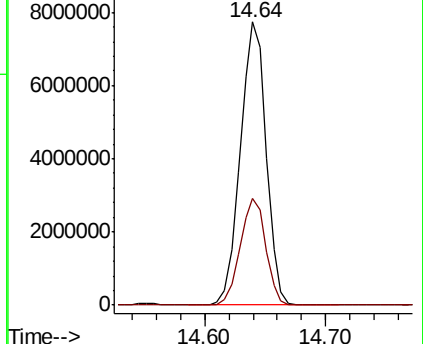
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 16.294 ng/ul

RT: 15.29 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BN010380.D

Acq: 02 Apr 2020 04:08

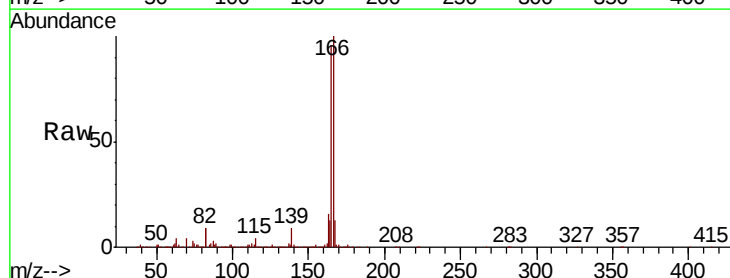
Tgt Ion:166 Resp: 2554407

Ion Ratio Lower Upper

166 100

165 96.1 77.6 116.4

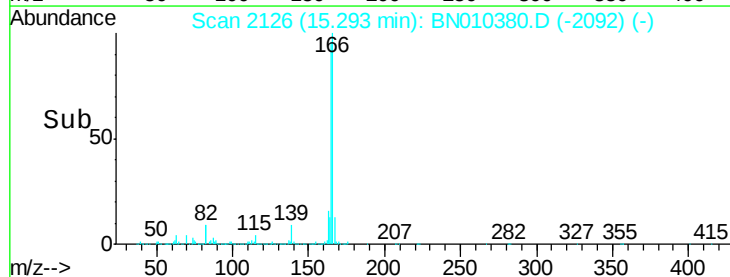
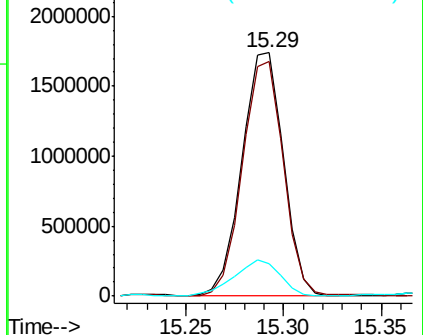
167 13.3 10.7 16.1

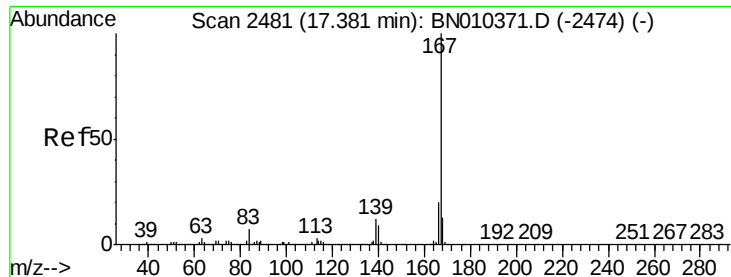


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Carbazole

Concen: 19.646 ng/ul

RT: 17.38 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BN010380.D

Acq: 02 Apr 2020 04:08

Instrument :

BNA_N

ClientSampleId :

DBF08

Tot Ion:167 Resp: 4198923

Ion Ratio Lower Upper

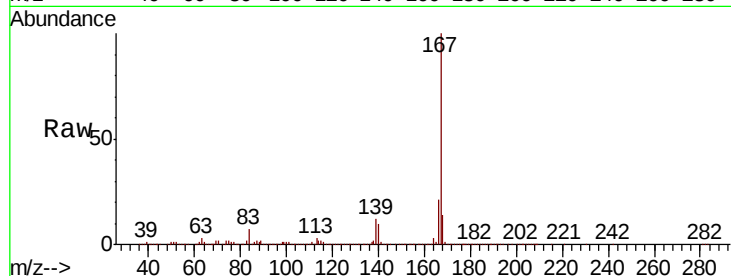
167 100

166 21.2 17.3 25.9

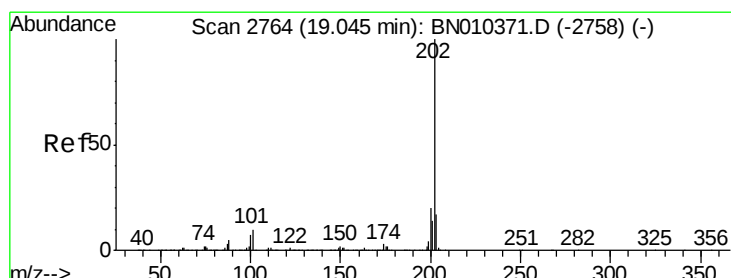
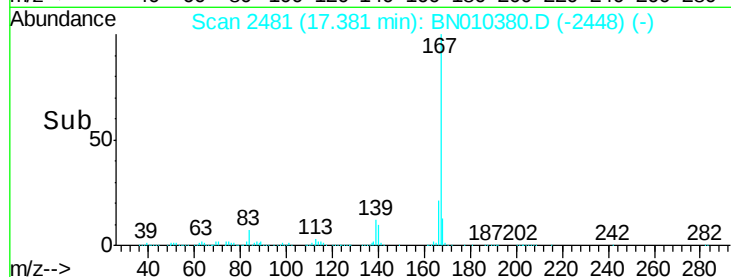
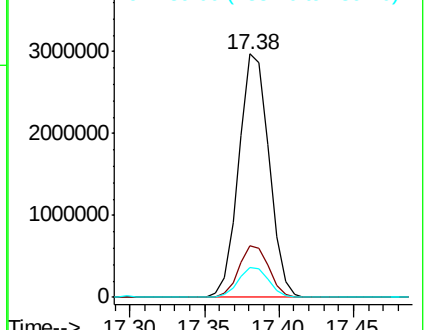
139 12.3 10.0 15.0

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Abundance Ion 167.00 (166.70 to 167.70): E
4000000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 4.203 ng/ul

RT: 19.05 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN010380.D

Acq: 02 Apr 2020 04:08

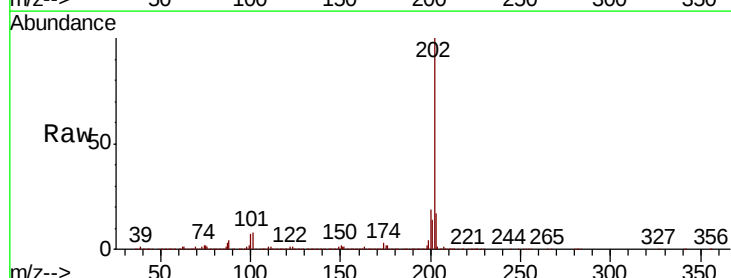
Tgt Ion:202 Resp: 1150316

Ion Ratio Lower Upper

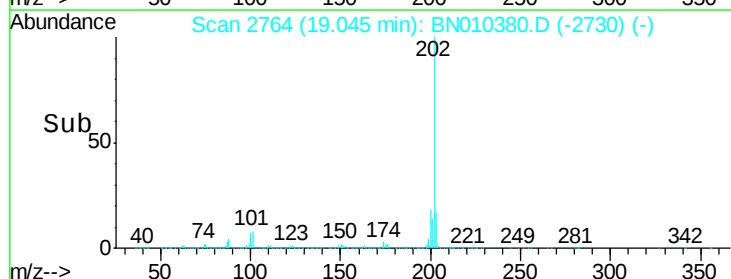
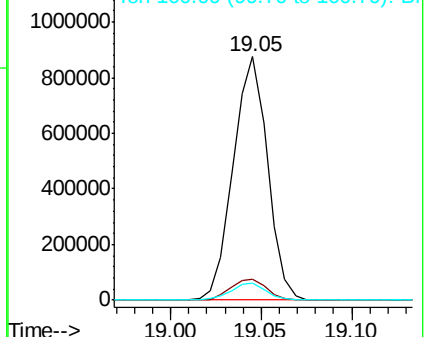
202 100

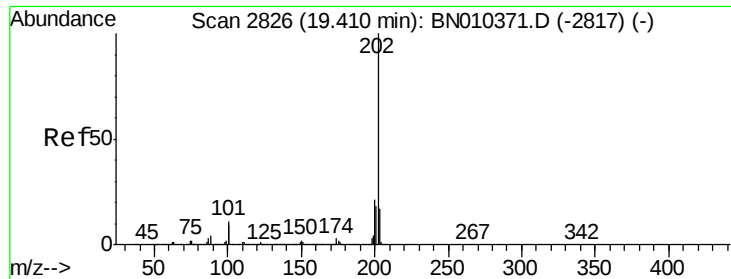
101 8.4 8.1 12.1

100 7.0 6.2 9.4



Abundance Ion 202.00 (201.70 to 202.70): E
1200000 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80
 Pvrene
 Concen: 1.626 ng/ul
 RT: 19.41 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BN010380.D
 Acq: 02 Apr 2020 04:08

Instrument :
 BNA_N
 ClientSampleId :
 DBF08

Tot Ion:	202	Resp:	549164
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.6	14.4
100	8.6	8.1	12.1

Manual Integrations
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