

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010398.D
 Acq On : 02 Apr 2020 18:33
 Operator : CG/JU
 Sample : L2095-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF16

Manual Integrations
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Quant Time: Apr 03 01:00:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 03 00:43:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	431625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1885364	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1339581	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3099610	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3521606	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3930657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	11794	1.29	ng/uL	0.00
5) Phenol-d5	6.79	99	265553	7.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	560279	29.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	779895	27.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	516203	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	451813	32.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	487045	32.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	992793	32.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1059467	29.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3510692	34.73	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3931689	33.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	111648	5.88	ng/ul	0.00
58) Fluorene-d10	15.23	176	3061438	34.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	308920	17.41	ng/ul	0.00
71) Anthracene-d10	17.08	188	4910989	34.51	ng/ul	0.00
79) Pyrene-d10	19.38	212	5901488	32.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	7150699	36.57	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.42	128	7953196	78.414	ng/ul 100
34) 2-Methylnaphthalene	12.03	142	2841652	38.564	ng/ul 98
41) 1,1'-Biphenyl	13.06	154	1593809	15.635	ng/ul 98
50) Acenaphthene	14.30	153	10344198	118.210	ng/ul 98
54) Dibenzofuran	14.64	168	8560764	69.455	ng/ul 95
59) Fluorene	15.29	166	7827269	78.030	ng/ul 98
70) Phenanthrene	17.02	178	17591270m	102.423	ng/ul
72) Anthracene	17.12	178	1447021	8.424	ng/ul 99
75) Carbazole	17.38	167	2382099	16.677	ng/ul 100
77) Fluoranthene	19.05	202	6373687	34.846	ng/ul 99
80) Pyrene	19.41	202	3671645	15.593	ng/ul 99

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

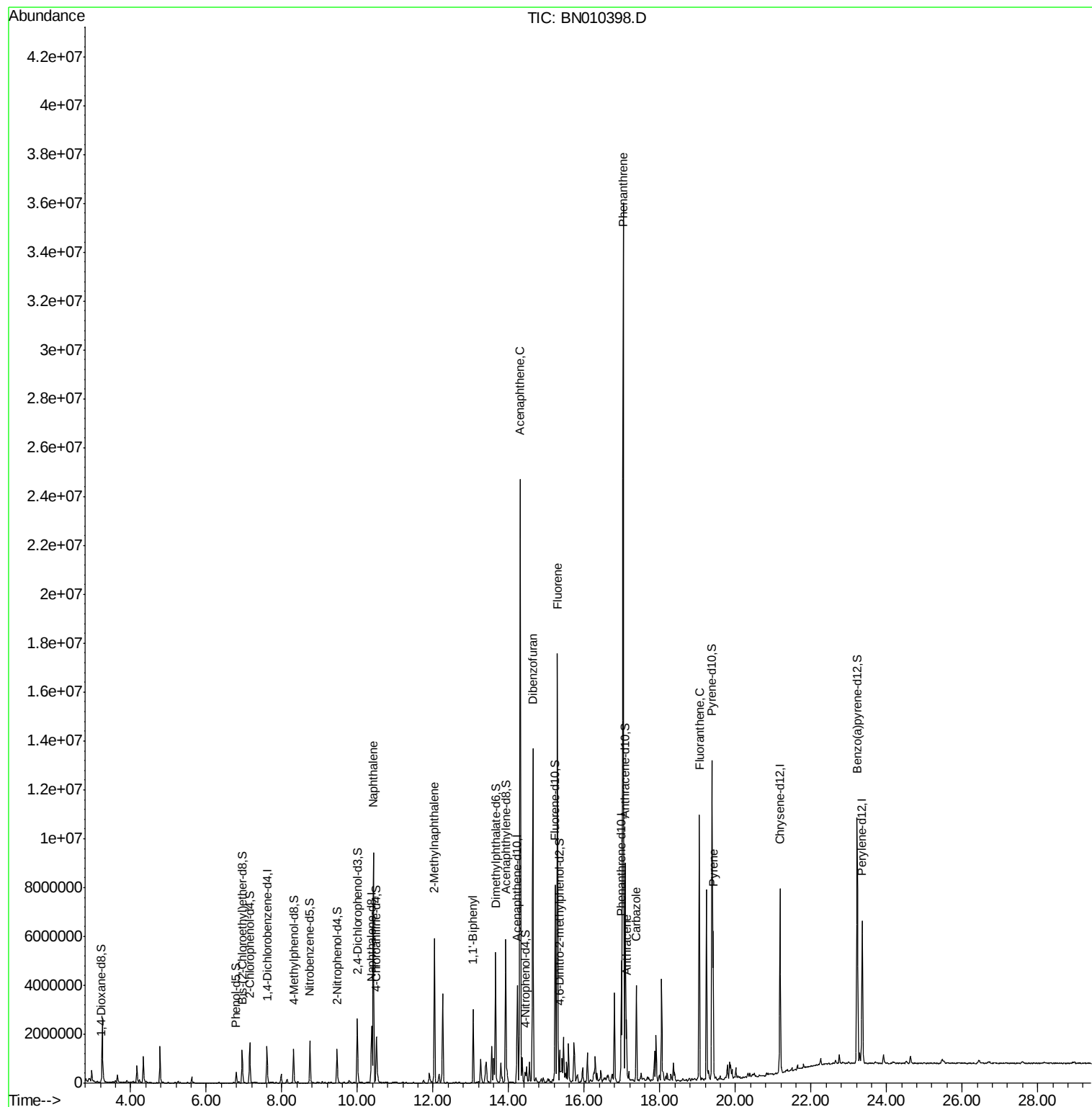
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

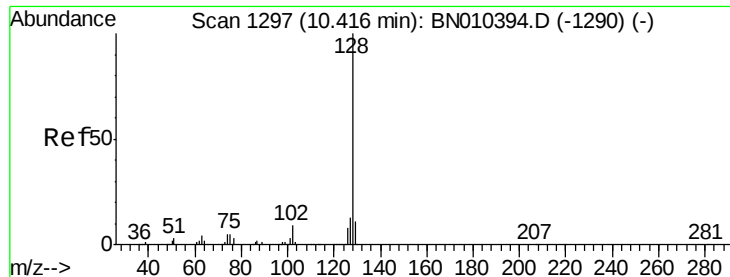
Instrument :
BNA_N
ClientSampleId :
DBF16

Quant Time: Apr 03 01:00:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 03 00:43:06 2020
Response via : Initial Calibration

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#28

Naphthalene

Concen: 78.414 ng/ul

RT: 10.42 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BN010398.D

Acq: 02 Apr 2020 18:33

Instrument :

BNA_N

ClientSampleId :

DBF16

Tot Ion:128 Resp: 7953196

Ion Ratio Lower Upper

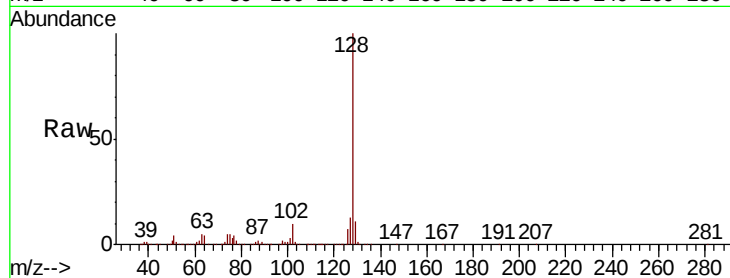
128 100

129 10.7 8.6 13.0

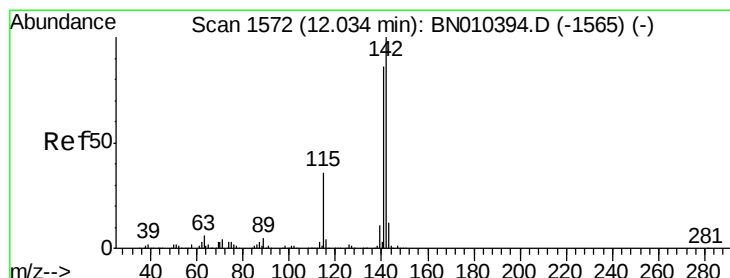
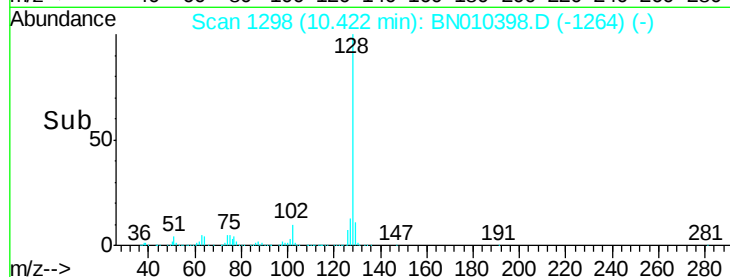
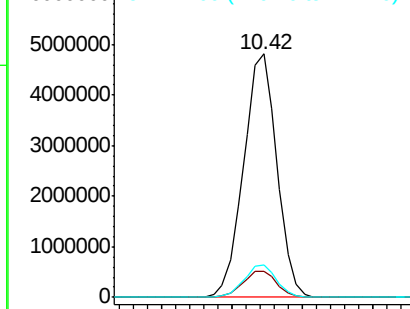
127 13.3 10.8 16.2

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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: 38.564 ng/ul

RT: 12.03 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN010398.D

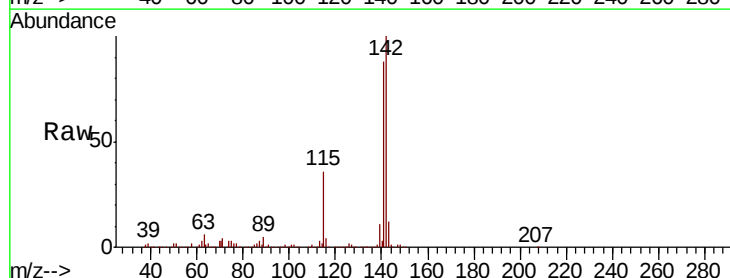
Acq: 02 Apr 2020 18:33

Tgt Ion:142 Resp: 2841652

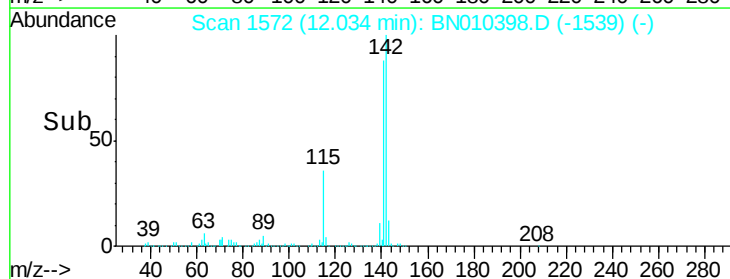
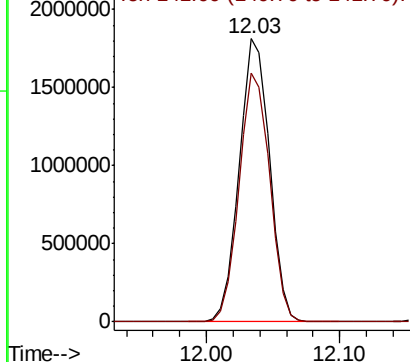
Ion Ratio Lower Upper

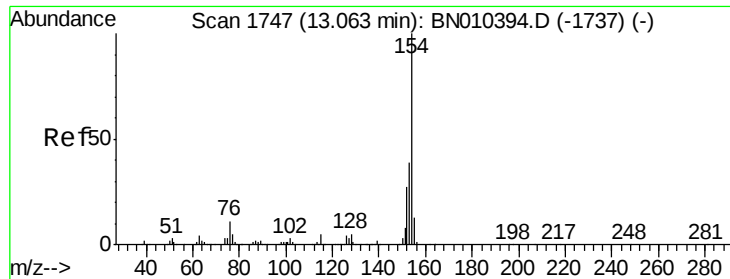
142 100

141 87.8 72.1 108.1



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





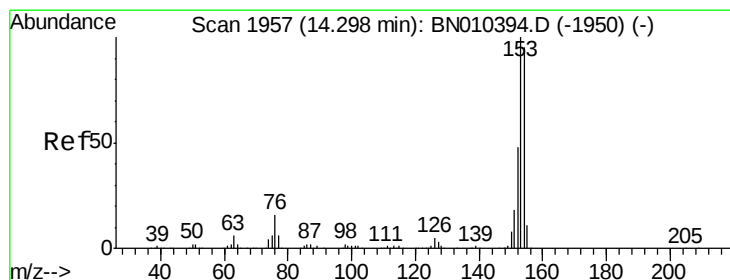
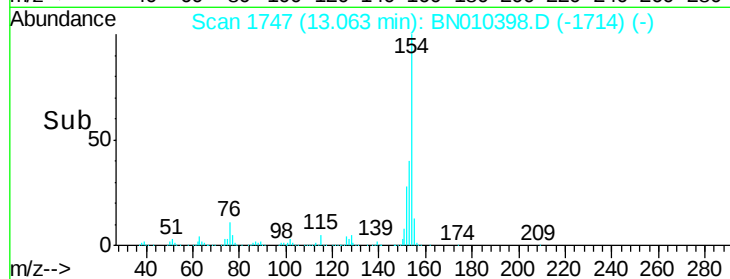
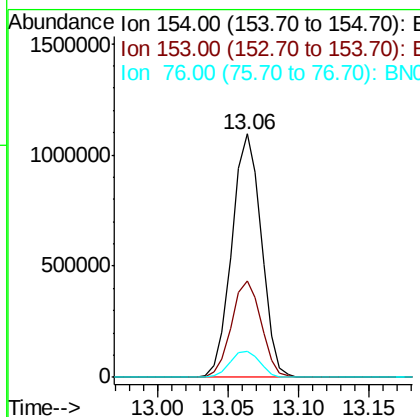
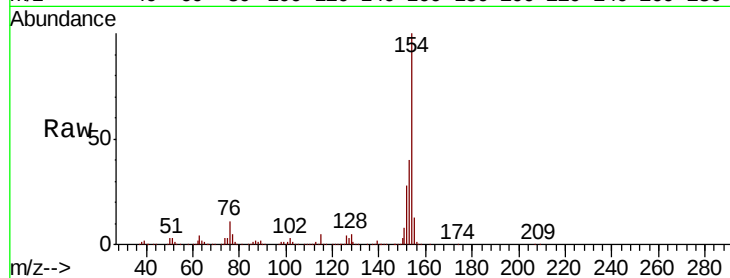
#41
 1,1'-Biphenyl
 Concen: 15.635 ng/ul
 RT: 13.06 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BN010398.D
 Acq: 02 Apr 2020 18:33

Instrument :
 BNA_N
 ClientSampleID :
 DBF16

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.6	49.0
76	10.9	9.4	14.2

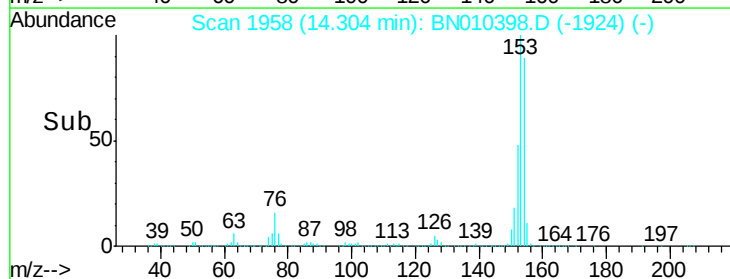
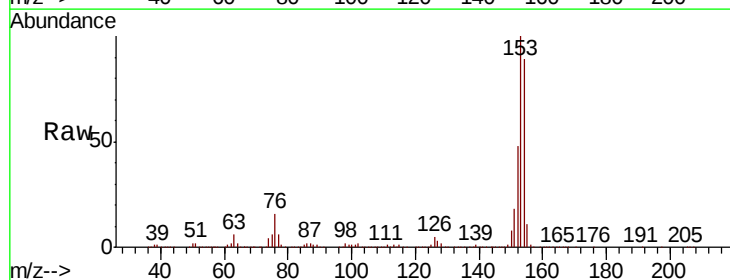
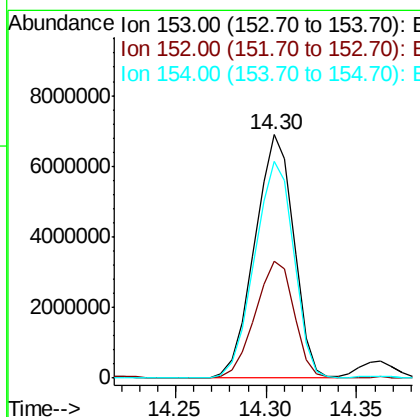
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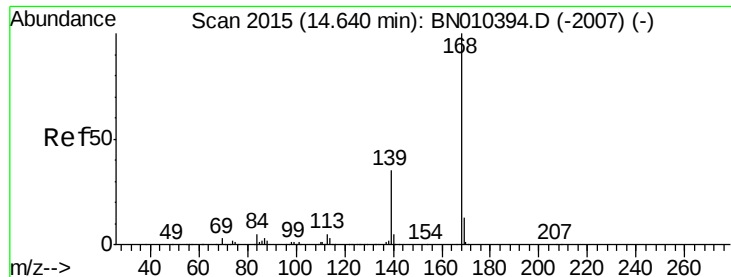
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#50
 Acenaphthene
 Concen: 118.210 ng/ul
 RT: 14.30 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BN010398.D
 Acq: 02 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.8	56.6
154	88.8	69.1	103.7





#54

Dibenzenofuran

Concen: 69.455 ng/ul

RT: 14.64 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BN010398.D

Acq: 02 Apr 2020 18:33

Instrument :

BNA_N

ClientSampleId :

DBF16

Tot Ion:168 Resp: 8560764

Ion Ratio Lower Upper

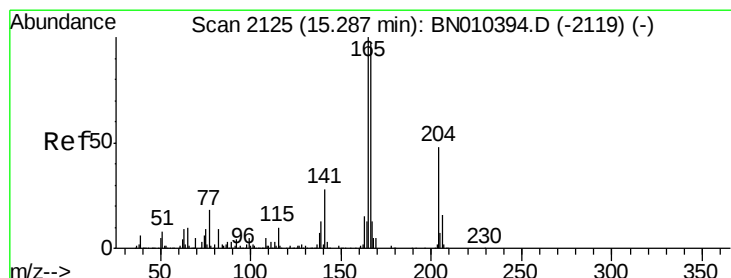
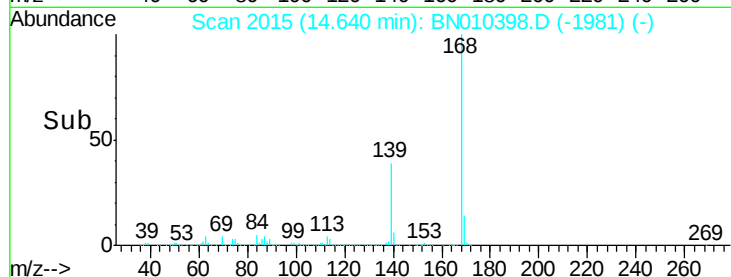
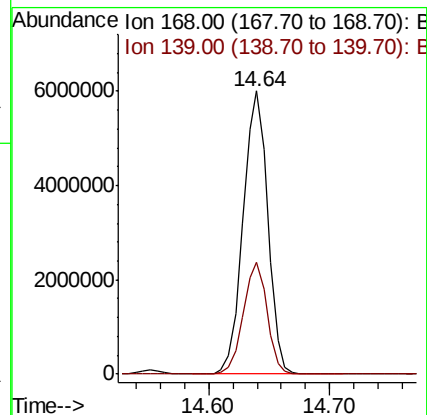
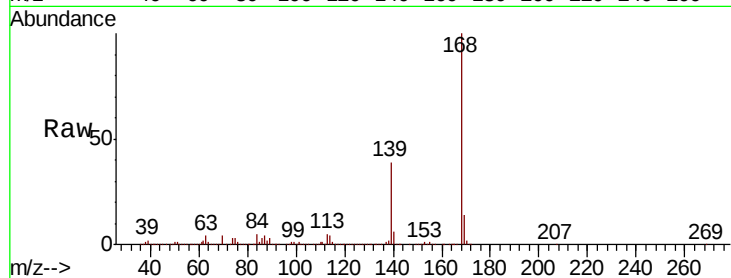
168 100

139 39.4 29.0 43.4

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#59

Fluorene

Concen: 78.030 ng/ul

RT: 15.29 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BN010398.D

Acq: 02 Apr 2020 18:33

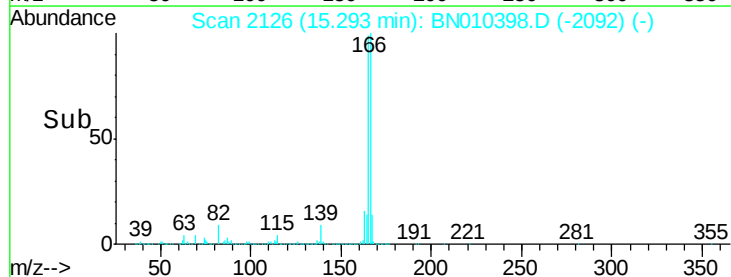
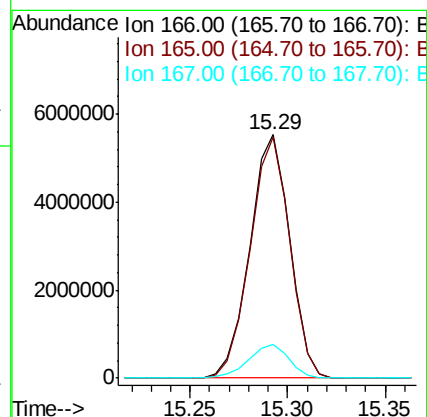
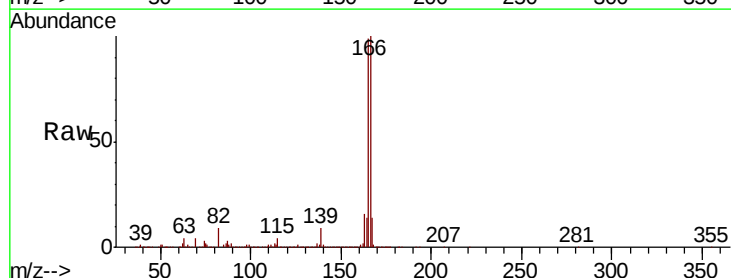
Tgt Ion:166 Resp: 7827269

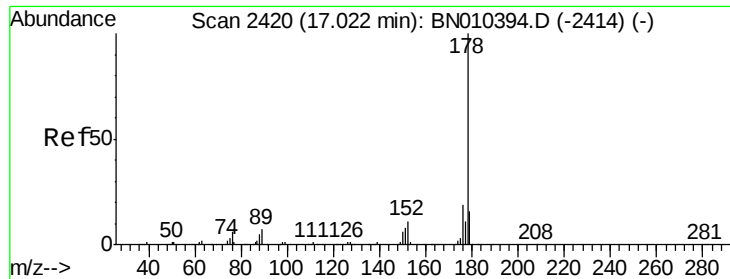
Ion Ratio Lower Upper

166 100

165 98.8 77.6 116.4

167 13.8 10.7 16.1





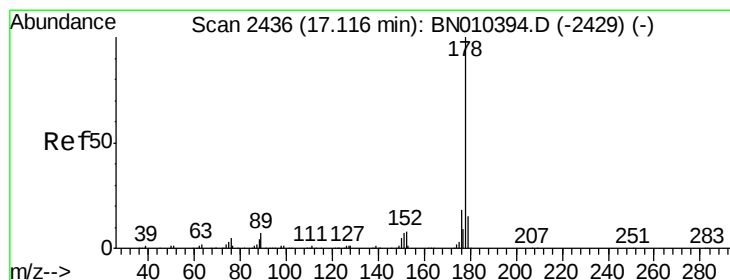
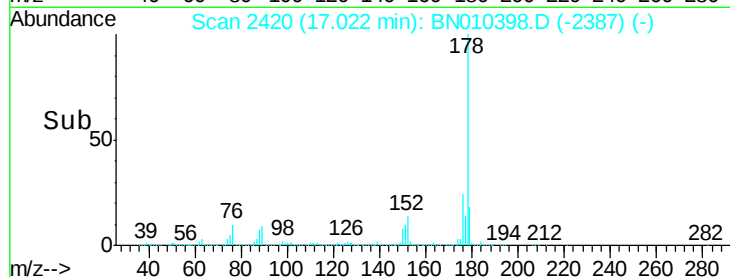
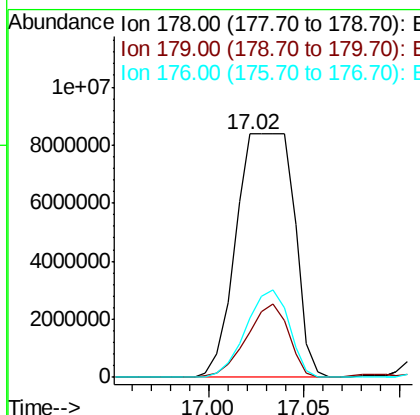
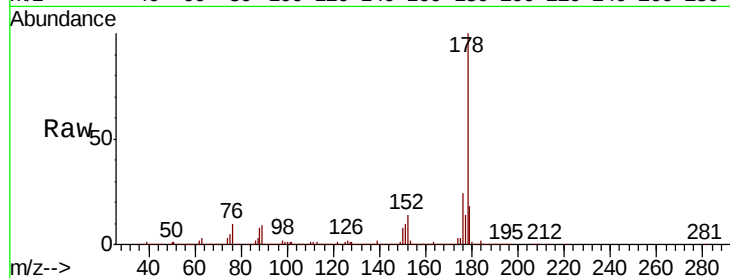
#70
Phenanthrene
Concen: 102.423 ng/ul m
RT: 17.02 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN010398.D
Acq: 02 Apr 2020 18:33

Instrument :
BNA_N
ClientSampleId :
DBF16

Tot Ion:178 Resp:17591270
Ion Ratio Lower Upper
178 100
179 18.5 11.9 17.9#
176 24.3 15.4 23.2#

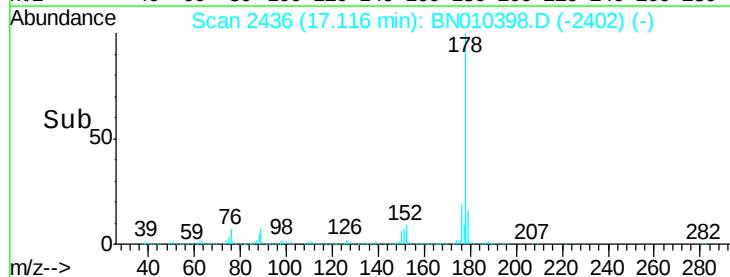
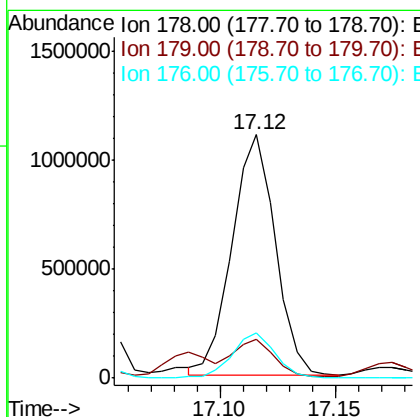
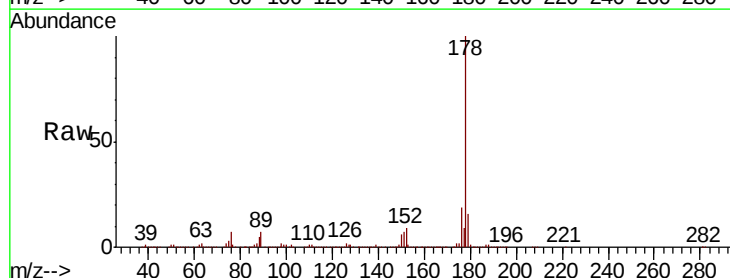
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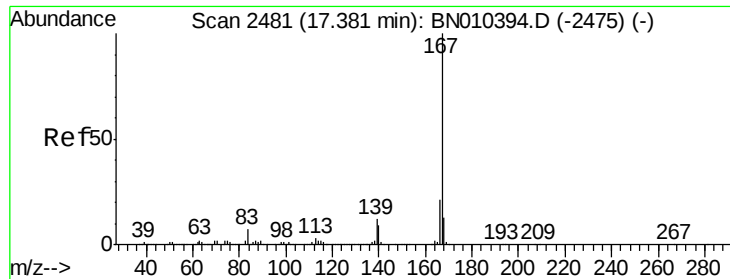
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#72
Anthracene
Concen: 8.424 ng/ul
RT: 17.12 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BN010398.D
Acq: 02 Apr 2020 18:33

Tgt Ion:178 Resp: 1447021
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 18.5 15.2 22.8





#75

Carbazole

Concen: 16.677 ng/ul

RT: 17.38 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BN010398.D

Acq: 02 Apr 2020 18:33

Instrument :

BNA_N

ClientSampleId :

DBF16

Tot Ion:167 Resp: 2382099

Ion Ratio Lower Upper

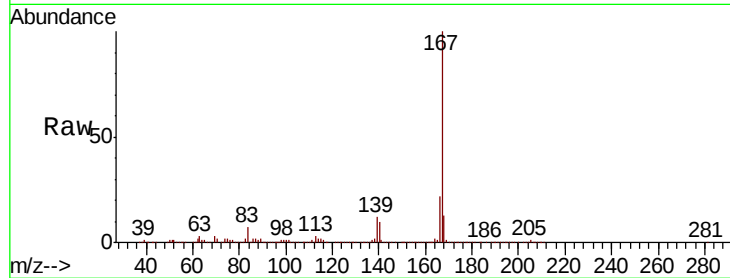
167 100

166 21.6 17.3 25.9

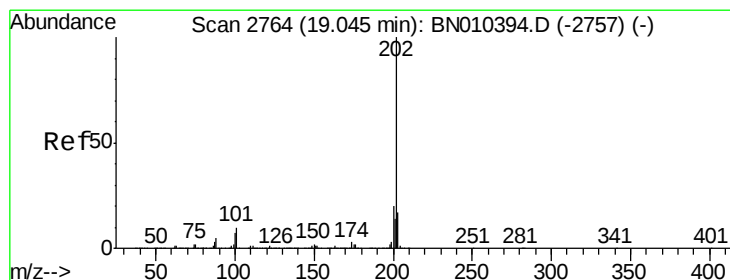
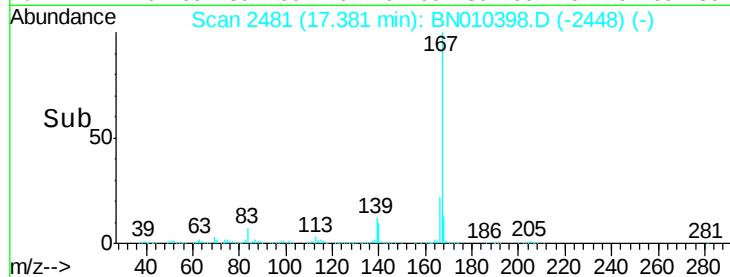
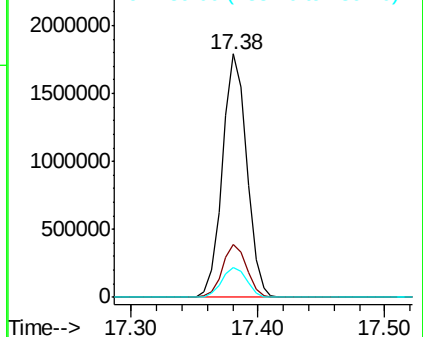
139 12.4 10.0 15.0

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



#77

Fluoranthene

Concen: 34.846 ng/ul

RT: 19.05 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN010398.D

Acq: 02 Apr 2020 18:33

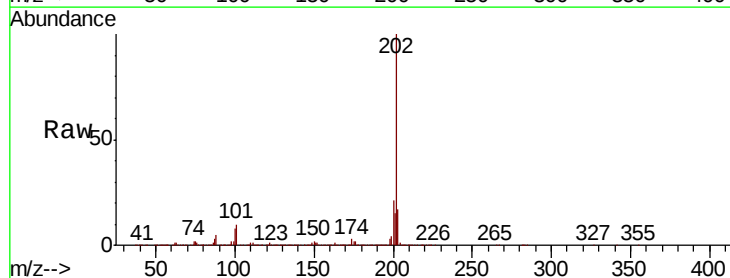
Tgt Ion:202 Resp: 6373687

Ion Ratio Lower Upper

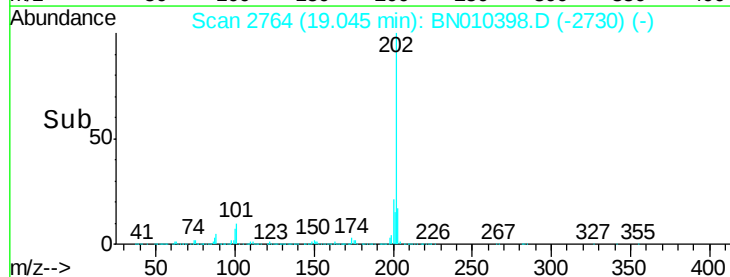
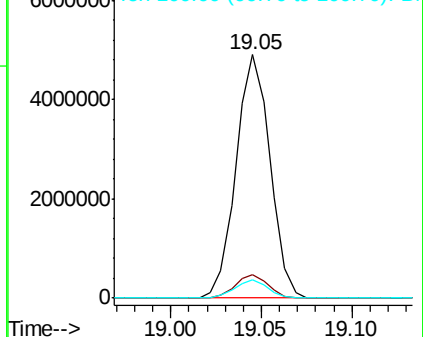
202 100

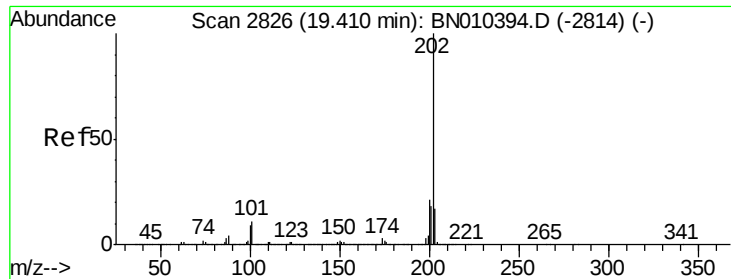
101 9.6 8.1 12.1

100 7.5 6.2 9.4



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





#80
 Pvrene
 Concen: 15.593 ng/ul
 RT: 19.41 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BN010398.D
 Acq: 02 Apr 2020 18:33

Instrument :
 BNA_N
 ClientSampleId :
 DBF16

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
100	9.7	8.1	12.1

Manual Integrations
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