

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009897.D
 Acq On : 25 Feb 2020 12:41
 Operator : CG/JU
 Sample : L1582-07DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDJ9DL

Manual Integrations
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Quant Time: Feb 25 14:06:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:22:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	119324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	497903	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	307105	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	660758	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	633149	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	666501	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	526	0.18	ng/uL	0.01
5) Phenol-d5	6.60	99	10904	1.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	44254	6.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	35537	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	21985	2.72	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	23467	6.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	23750	5.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	44041	5.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.30	131	6863	0.80	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	156619	6.83	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	180436	6.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	2023	0.48	ng/ul	0.04
58) Fluorene-d10	15.03	176	140925	7.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	14698	3.58	ng/ul	0.01
71) Anthracene-d10	16.88	188	220326	7.27	ng/ul	0.00
79) Pyrene-d10	19.19	212	240564	7.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	228937	6.88	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.20	128	28851173m	1074.546	ng/ul	
34) 2-Methylnaphthalene	11.81	142	3402371	182.496	ng/ul	96
41) 1,1'-Biphenyl	12.85	154	578967	24.546	ng/ul	98
50) Acenaphthene	14.09	153	1905934	95.080	ng/ul	99
54) Dibenzofuran	14.43	168	1490170	52.963	ng/ul	97
59) Fluorene	15.09	166	763520	32.335	ng/ul	98
70) Phenanthrene	16.82	178	889678	23.593	ng/ul	98
75) Carbazole	17.20	167	1756589	51.744	ng/ul	99

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

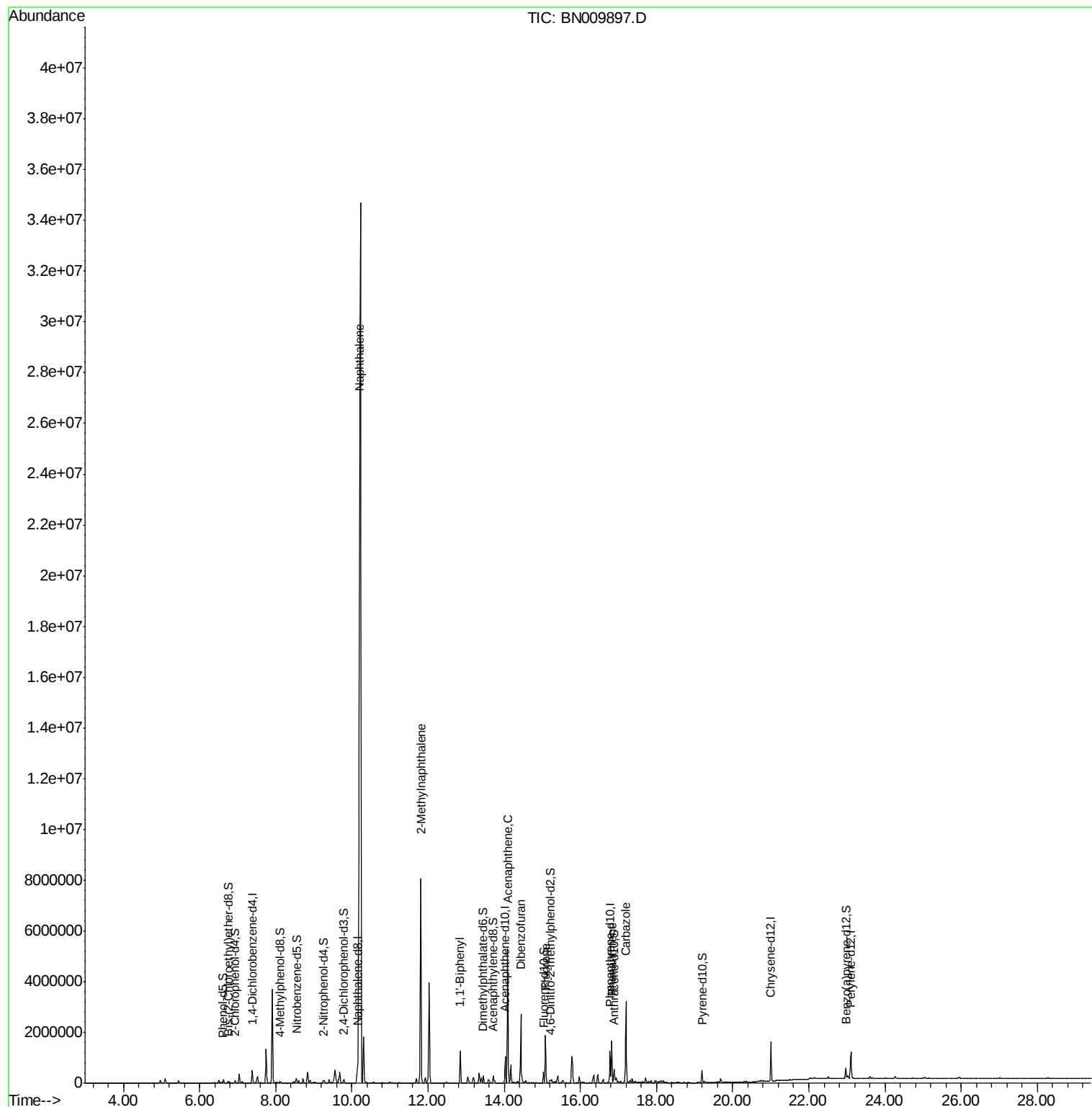
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
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ALS Vial : 35 Sample Multiplier: 1

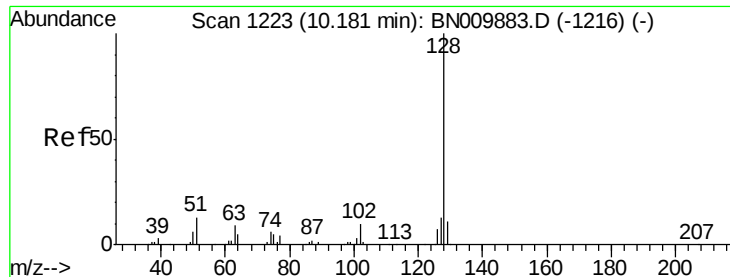
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Feb 25 14:06:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 1074.546 ng/ul m

RT: 10.20 min Scan# 1226

Delta R.T. 0.02 min

Lab File: BN009897.D

Acq: 25 Feb 2020 12:41

Instrument :

BNA_N

ClientSampleId :

DBDJ9DL

Tot Ion:128 Resp:28851173

Ion Ratio Lower Upper

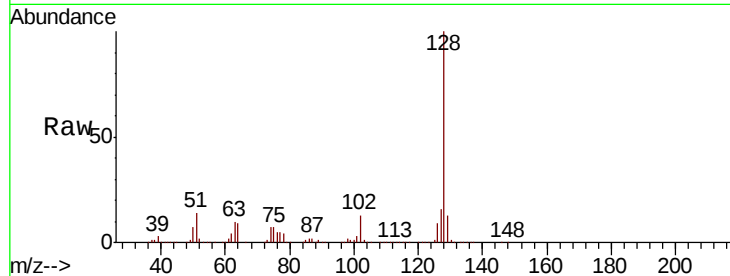
128 100

129 13.2 8.6 13.0#

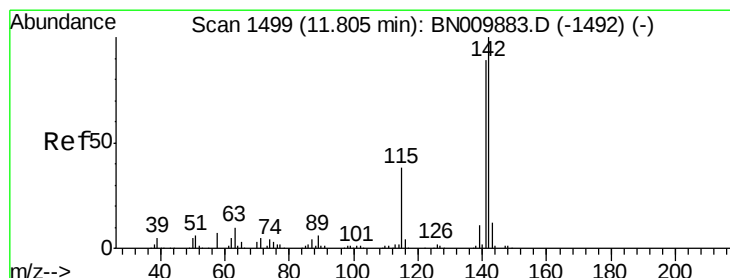
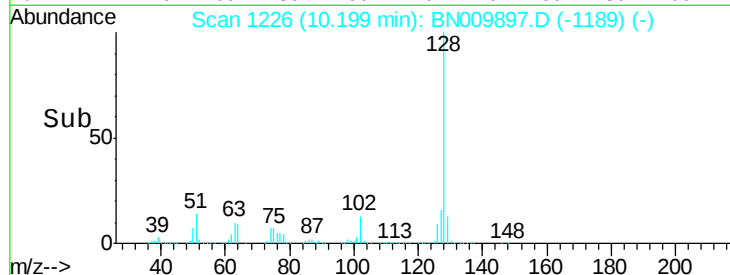
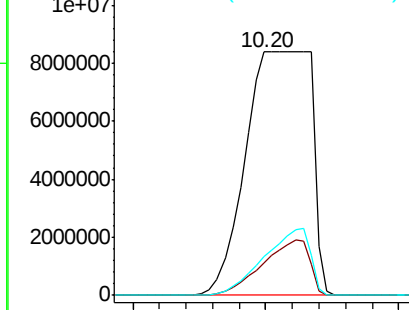
127 15.8 10.3 15.5#

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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: 182.496 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BN009897.D

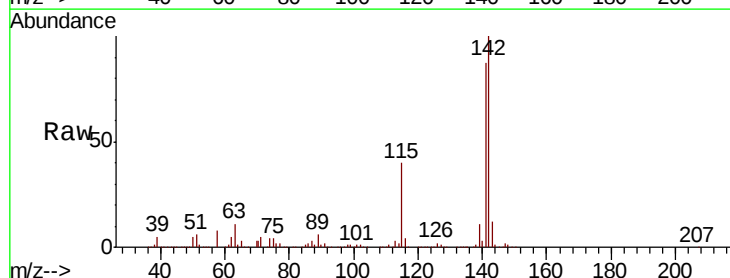
Acq: 25 Feb 2020 12:41

Tgt Ion:142 Resp: 3402371

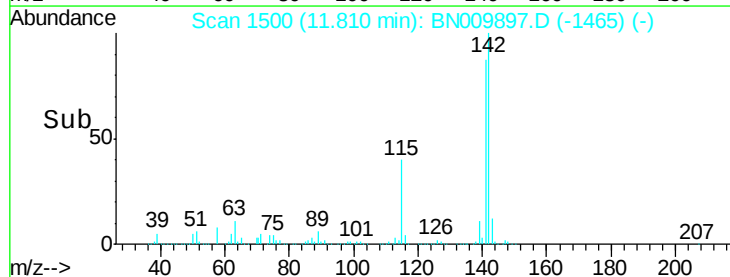
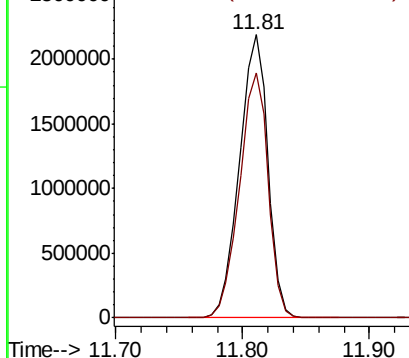
Ion Ratio Lower Upper

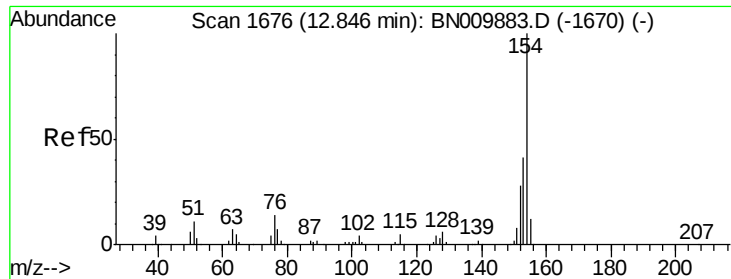
142 100

141 86.6 72.1 108.1



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





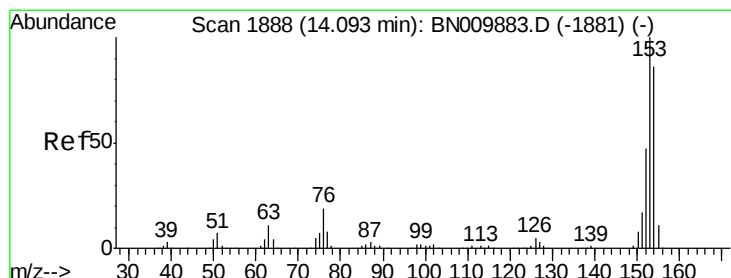
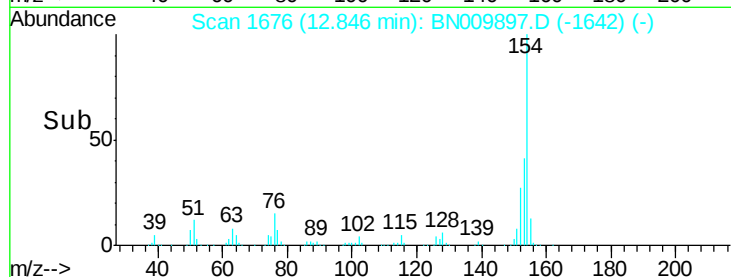
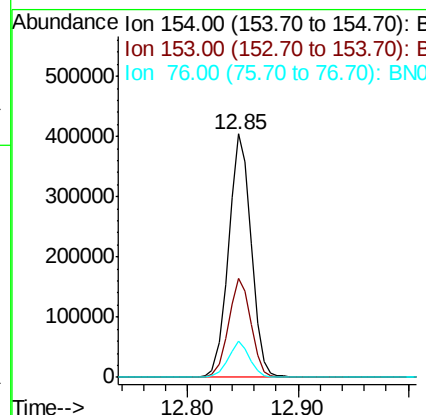
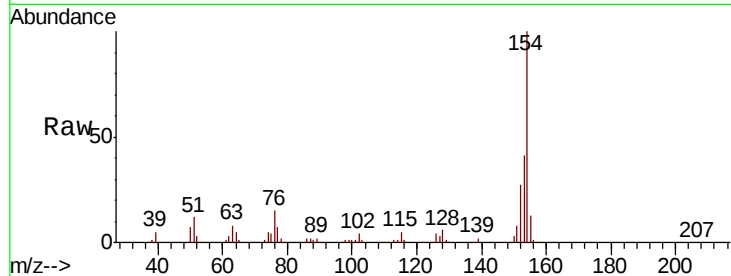
#41
1,1'-Biphenyl
Concen: 24.546 ng/ul
RT: 12.85 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampled :
DBDJ9DL

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	33.2	49.8	
76	14.7	11.0	16.4	

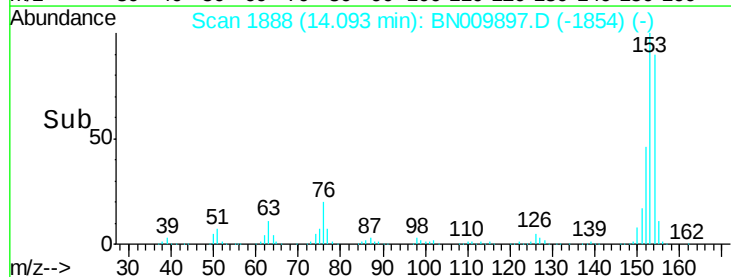
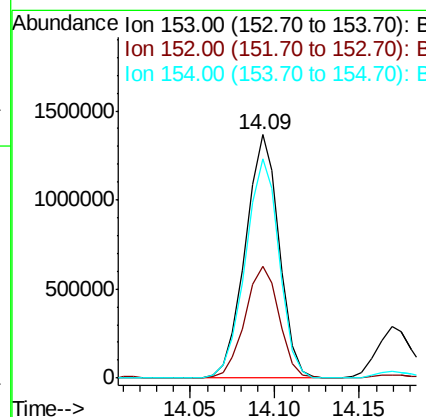
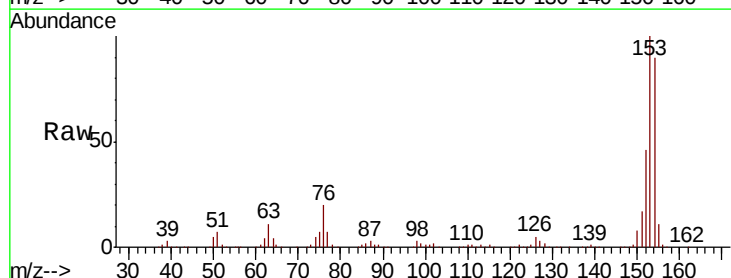
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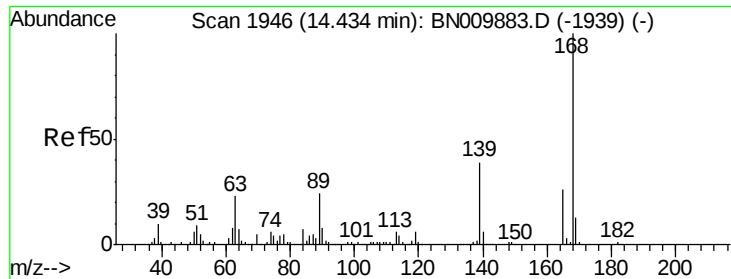
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#50
Acenaphthene
Concen: 95.080 ng/ul
RT: 14.09 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
153	100			
152	45.9	36.6	54.8	
154	90.1	70.6	106.0	





#54

Dibenzofuran

Concen: 52.963 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BN009897.D

Acq: 25 Feb 2020 12:41

Instrument :

BNA_N

ClientSampleId :

DBDJ9DL

Tot Ion:168 Resp: 1490170

Ion Ratio Lower Upper

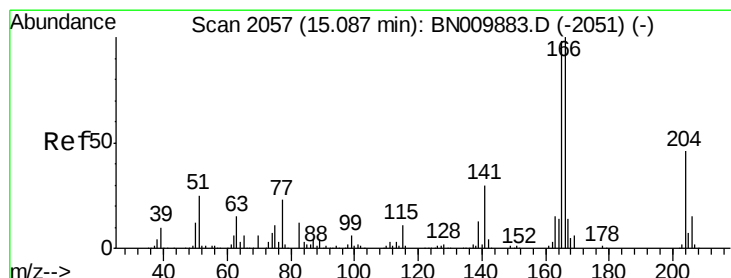
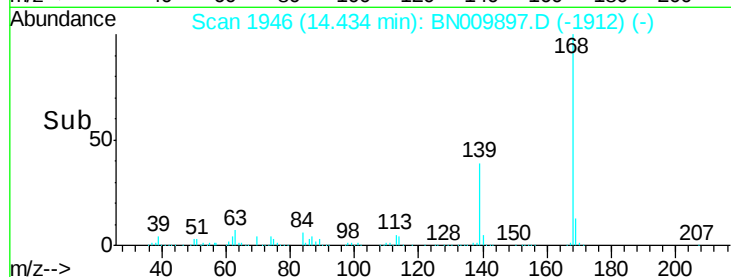
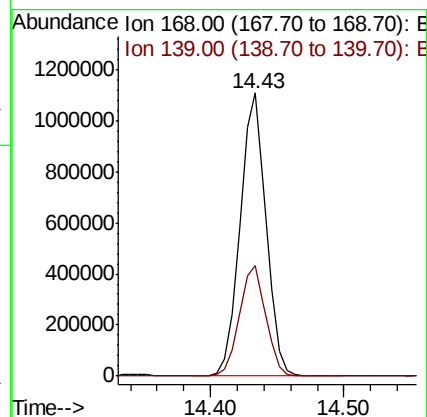
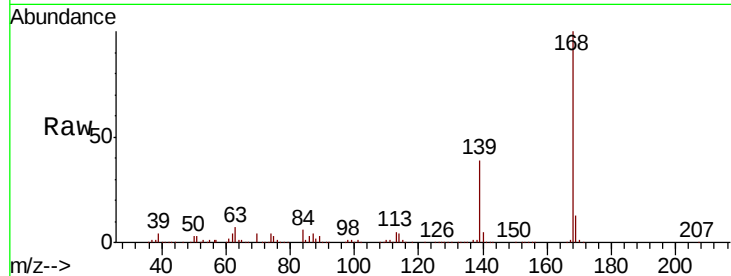
168 100

139 39.0 32.7 49.1

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#59

Fluorene

Concen: 32.335 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BN009897.D

Acq: 25 Feb 2020 12:41

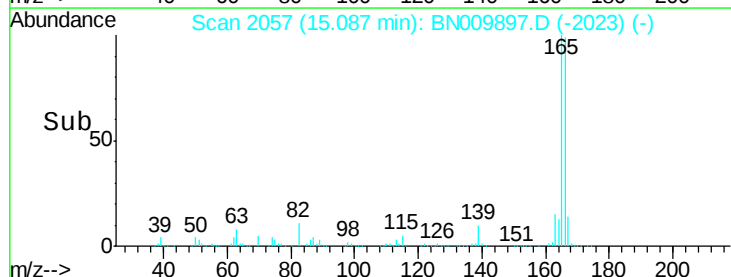
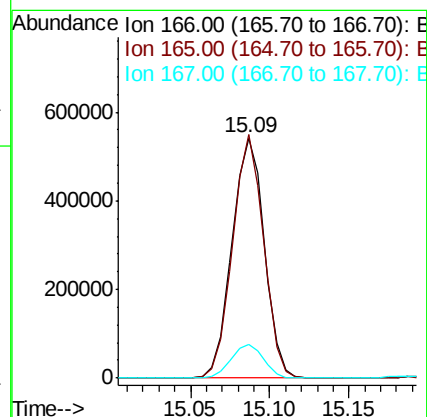
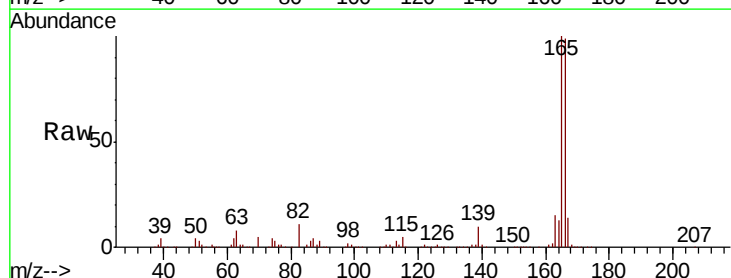
Tgt Ion:166 Resp: 763520

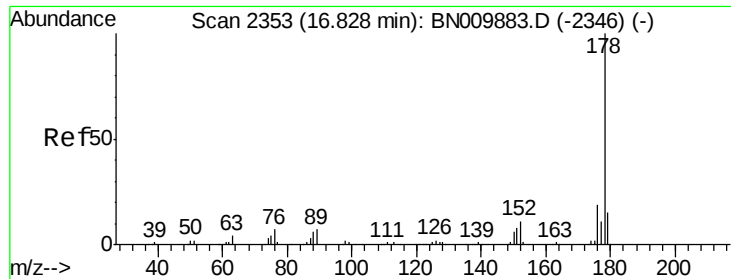
Ion Ratio Lower Upper

166 100

165 101.5 79.8 119.8

167 14.2 10.7 16.1





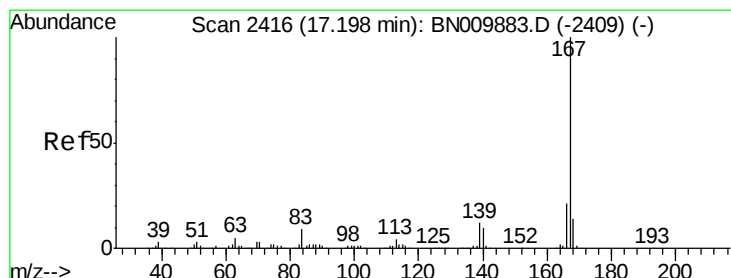
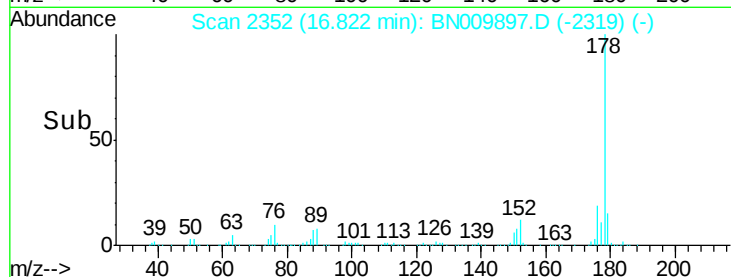
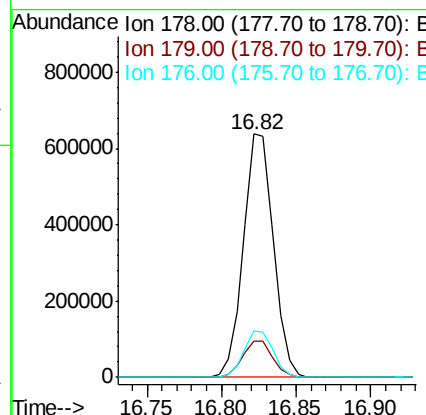
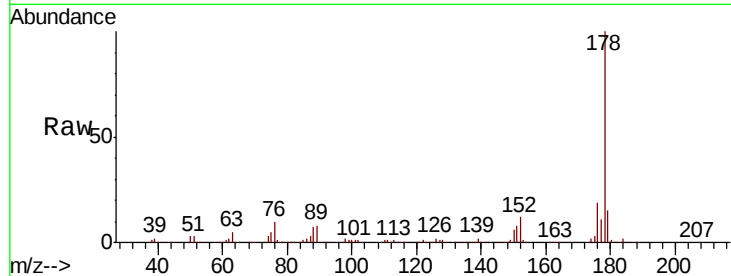
#70
Phenanthrene
Concen: 23.593 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	19.2	14.6	22.0

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#75
Carbazole
Concen: 51.744 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN009897.D
Acq: 25 Feb 2020 12:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	24.8
139	13.5	9.9	14.9

