

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
 Data File : BN009973.D
 Acq On : 27 Feb 2020 20:41
 Operator : CG/JU
 Sample : L1568-03DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 28 01:15:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	92581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	394765	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	253005	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	544439	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	506113	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	540697	20.00	ng/ul	0.00

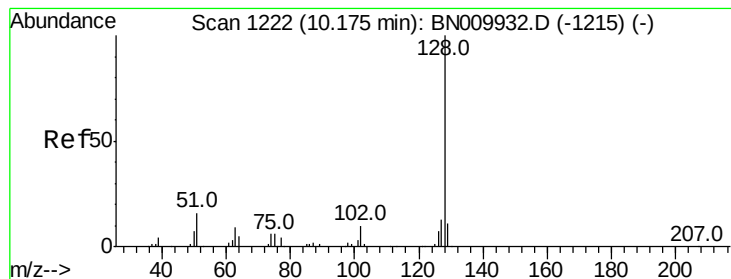
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	2850	1.27	ng/uL	0.00
5) Phenol-d5	6.59	99	50296	6.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	36406	6.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	39819	6.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	39951	6.38	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	18099	6.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	19957	6.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	39426	6.49	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	47445	6.95	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	143517	7.59	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	162022	7.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	5567	1.61	ng/ul	0.04
58) Fluorene-d10	15.03	176	129053	7.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	9660	2.86	ng/ul	0.01
71) Anthracene-d10	16.88	188	190619	7.64	ng/ul	0.00
79) Pyrene-d10	19.19	212	215239	8.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	204296	7.57	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.18	128	593194	27.865	ng/ul	99
30) 4-Chloroaniline	10.18	127	76291	10.917	ng/ul#	13
34) 2-Methylnaphthalene	11.80	142	63212	4.276	ng/ul	96
35) 1-Methylnaphthalene	12.03	142	49251	3.324	ng/uL	96
50) Acenaphthene	14.09	153	65581	3.971	ng/ul	97
54) Dibenzofuran	14.43	168	37901	1.635	ng/ul	100
59) Fluorene	15.09	166	26851	1.380	ng/ul	89

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



#28

Naphthalene

Concen: 27.865 ng/ul

RT: 10.18 min Scan# 1222

Delta R.T. -0.01 min

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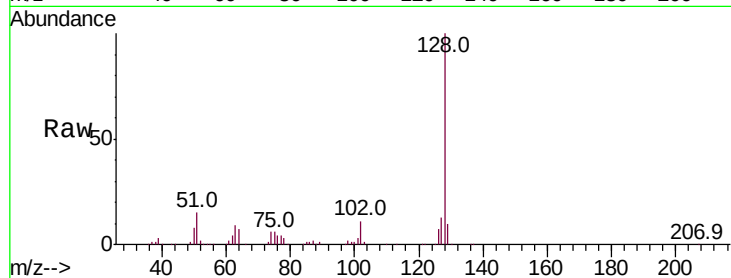
Tot Ion:128 Resp: 593194

Ion Ratio Lower Upper

128 100

129 10.3 8.6 13.0

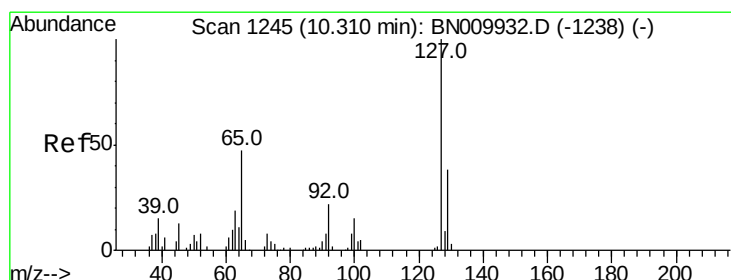
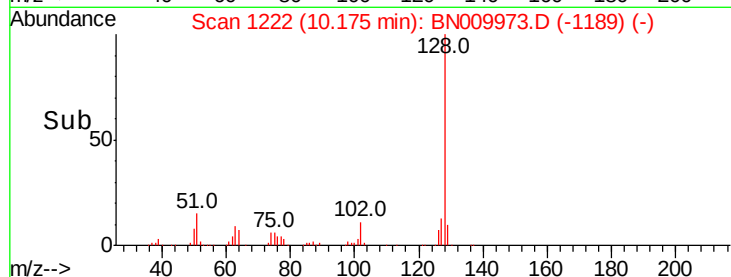
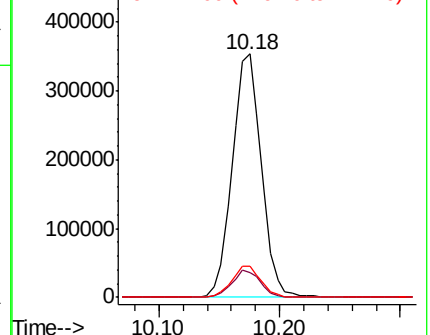
127 13.0 10.3 15.5



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



#30

4-Chloroaniline

Concen: 10.917 ng/ul

RT: 10.18 min Scan# 1222

Delta R.T. -0.14 min

Lab File: BN009973.D

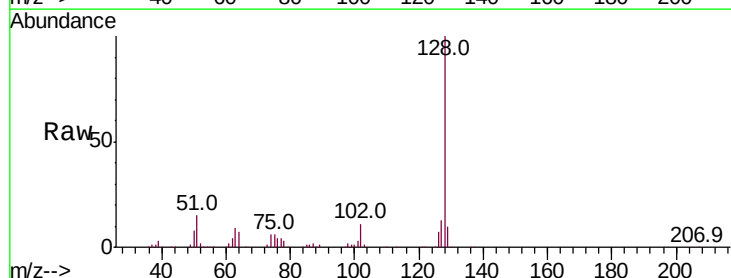
Acq: 27 Feb 2020 20:41

Tgt Ion:127 Resp: 76291

Ion Ratio Lower Upper

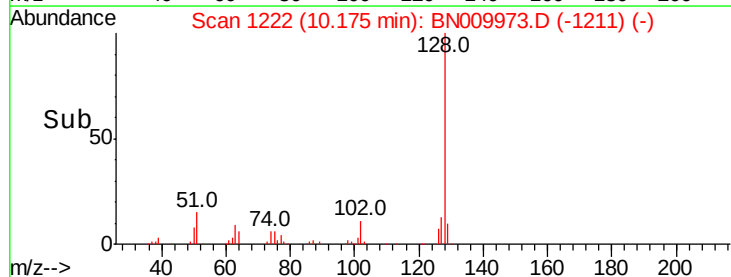
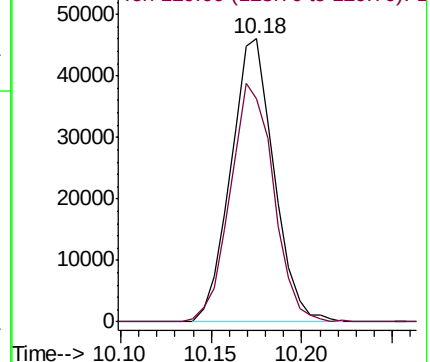
127 100

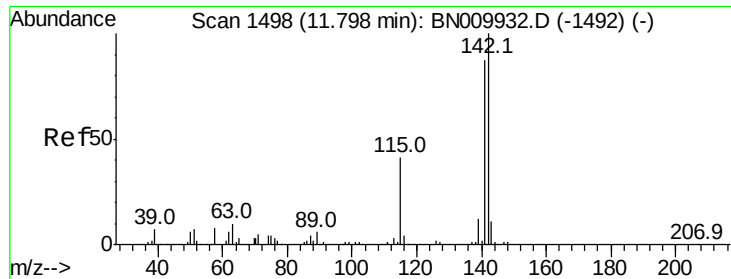
129 78.9 24.8 37.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

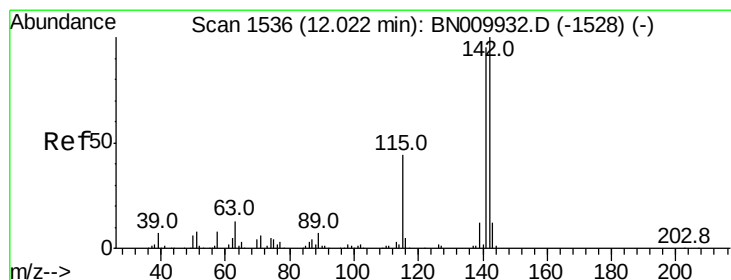
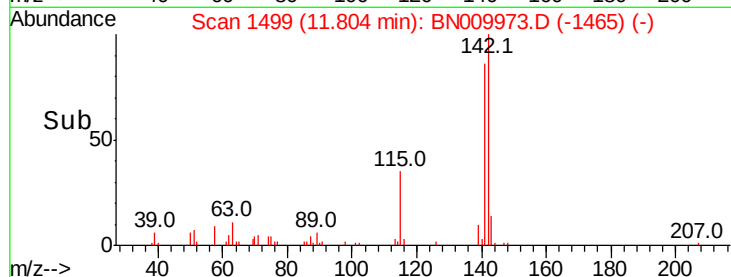
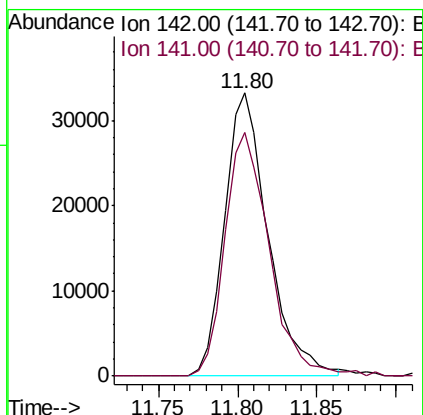
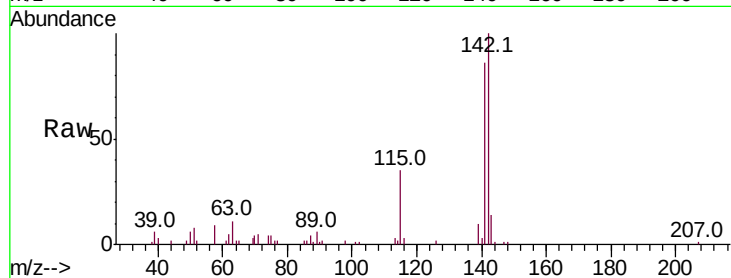




#34
 2-Methylnaphthalene
 Concen: 4.276 ng/uL
 RT: 11.80 min Scan# 1499
 Delta R.T. 0.00 min
 Lab File: BN009973.D
 Acq: 27 Feb 2020 20:41

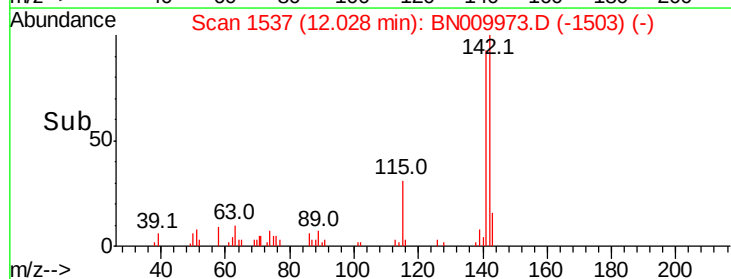
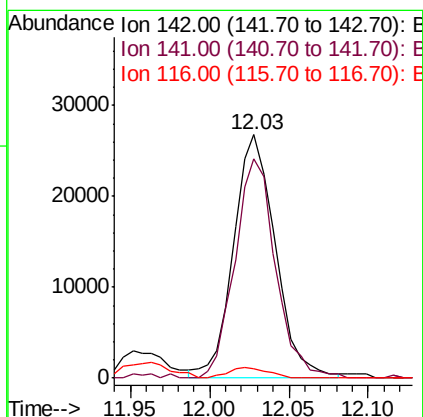
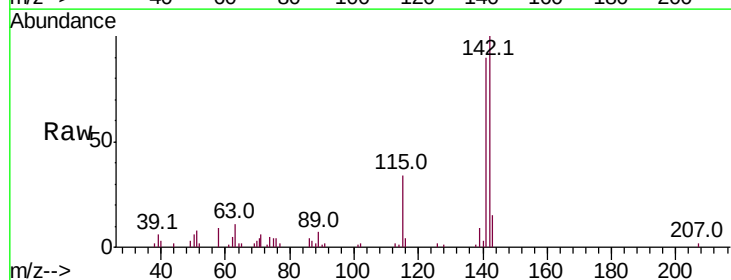
Instrument :
 BNA_N
 ClientSampleId :

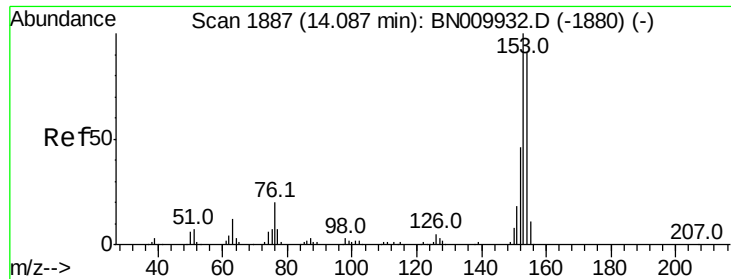
Tot Ion:142 Resp: 63212
 Ion Ratio Lower Upper
 142 100
 141 86.3 72.1 108.1



#35
 1-Methylnaphthalene
 Concen: 3.324 ng/uL
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BN009973.D
 Acq: 27 Feb 2020 20:41

Tgt Ion:142 Resp: 49251
 Ion Ratio Lower Upper
 142 100
 141 87.4 72.8 109.2
 116 4.2 3.2 4.8





#50

Acenaphthene

Concen: 3.971 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009973.D

Acq: 27 Feb 2020 20:41

Instrument :

BNA_N

ClientSampled :

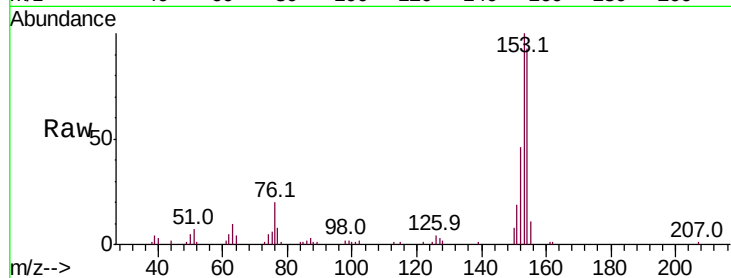
Tot Ion:153 Resp: 65581

Ion Ratio Lower Upper

153 100

152 45.9 36.6 54.8

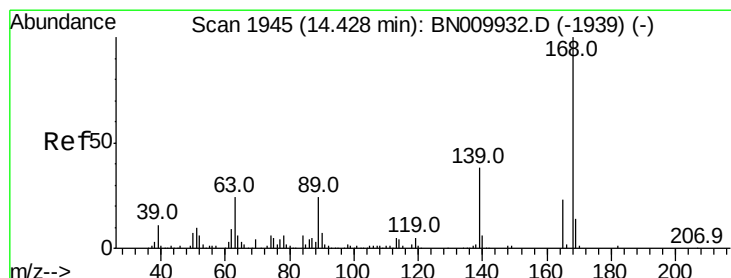
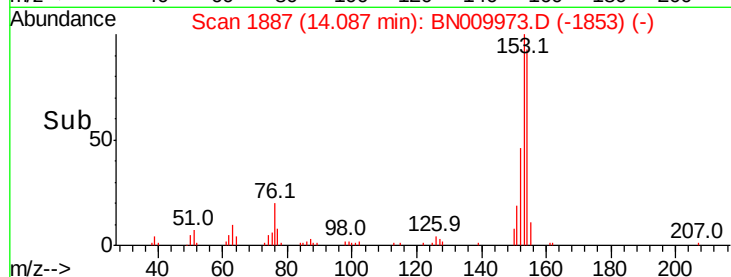
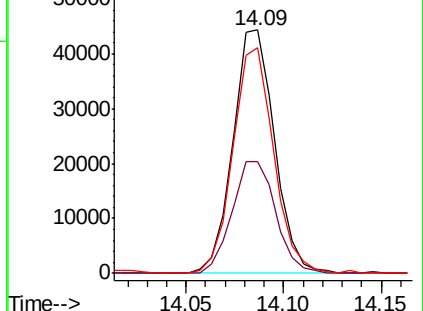
154 92.9 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.635 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BN009973.D

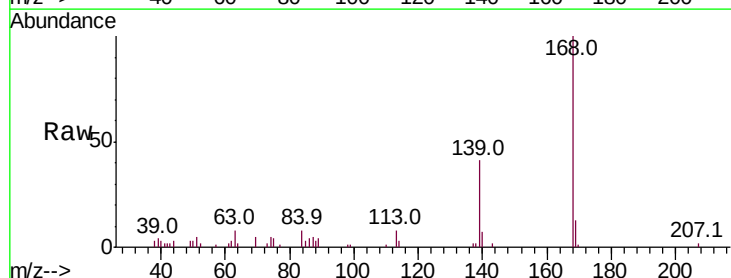
Acq: 27 Feb 2020 20:41

Tgt Ion:168 Resp: 37901

Ion Ratio Lower Upper

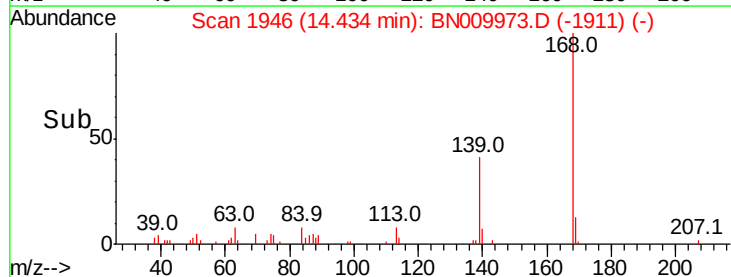
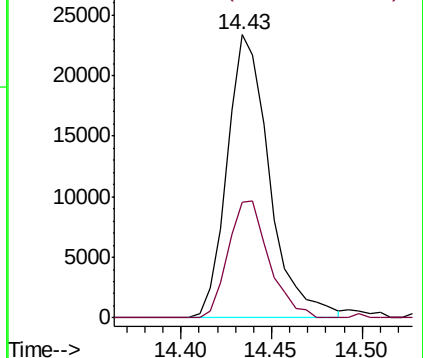
168 100

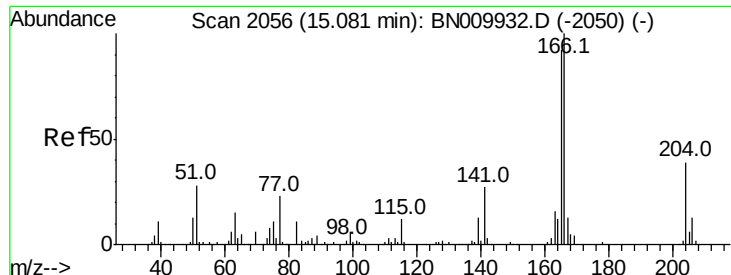
139 41.0 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.380 ng/ul

RT: 15.09 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BN009973.D

Acq: 27 Feb 2020 20:41

Instrument :

BNA_N

ClientSampleId :

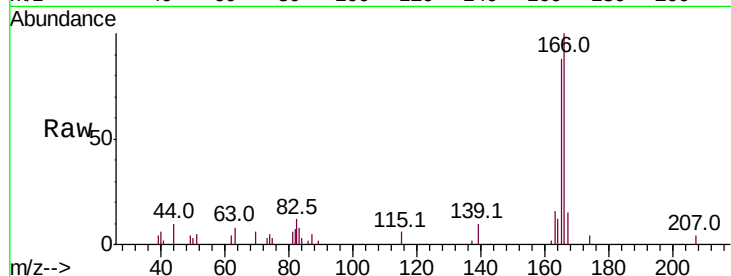
Tot Ion:166 Resp: 26851

Ion Ratio Lower Upper

166 100

165 87.7 79.8 119.8

167 15.5 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

