

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
 Data File : BN011355.D
 Acq On : 04 Aug 2020 05:37
 Operator : CG/JU
 Sample : L3531-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F4L07

Quant Time: Aug 04 06:47:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 06:45:43 2020
 Response via : Initial Calibration

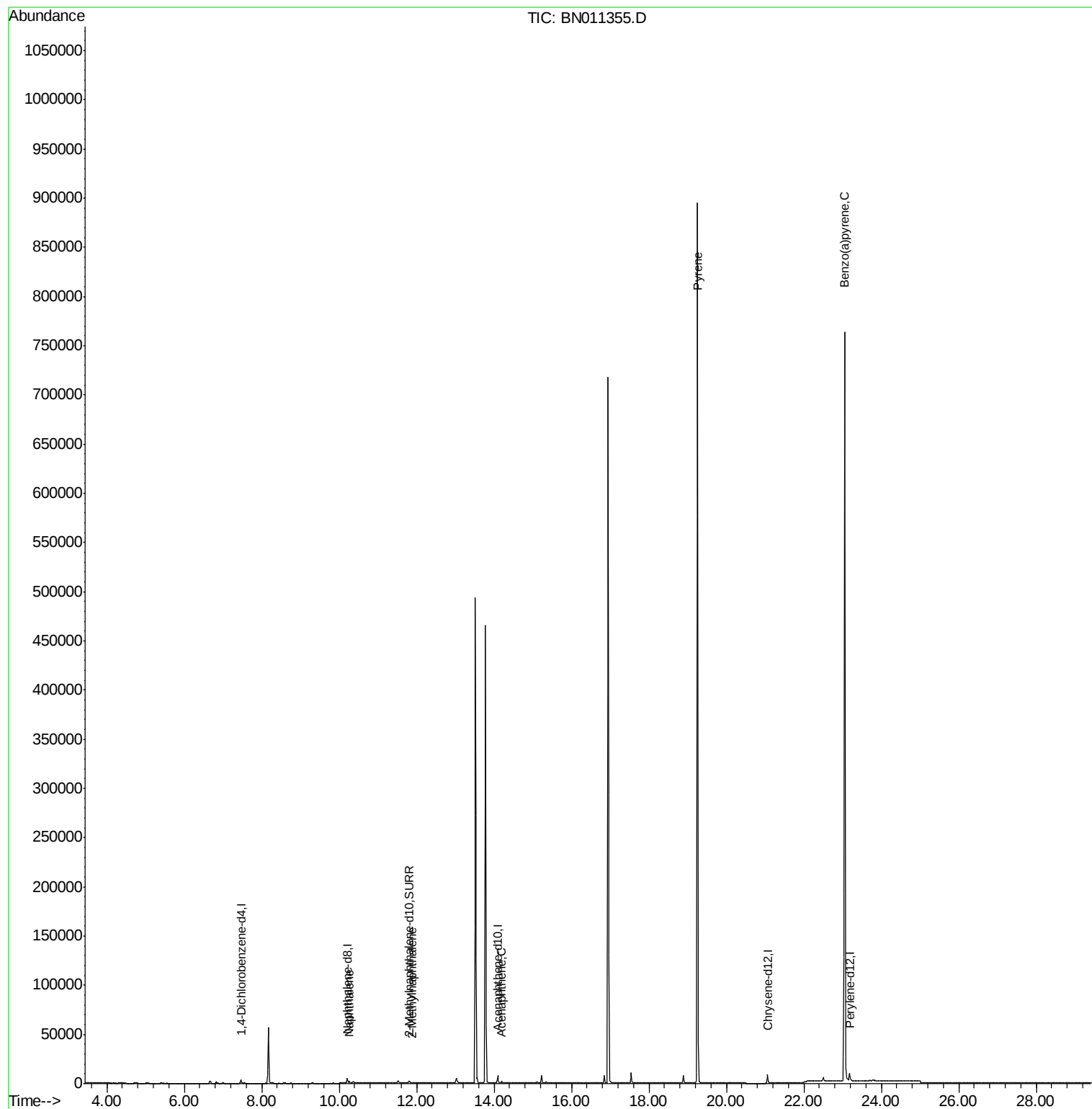
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1739	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	6483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	4319	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.85
16) Chrysene-d12	21.06	240	8192	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	9350	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	3047	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	9356	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.25	128	2446	0.127	ng/ul#	95
5) 2-Methylnaphthalene	11.88	142	370	0.029	ng/ul	96
8) Acenaphthene	14.19	153	2354	0.144	ng/ul#	24
17) Pyrene	19.26	202	1552	0.042	ng/ul#	1
23) Benzo(a)pyrene	23.05	252	3158	0.093	ng/ul#	66

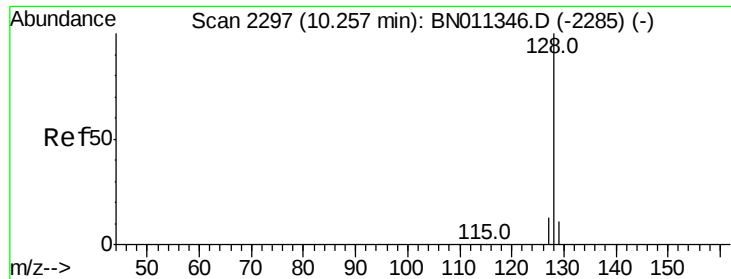
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.127 ng/ul

RT: 10.25 min Scan# 2296

Delta R.T. -0.01 min

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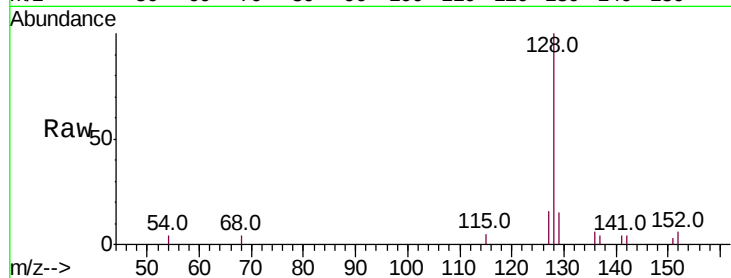
Tot Ion:128 Resp: 2446

Ion Ratio Lower Upper

128 100

129 14.5 9.6 14.4#

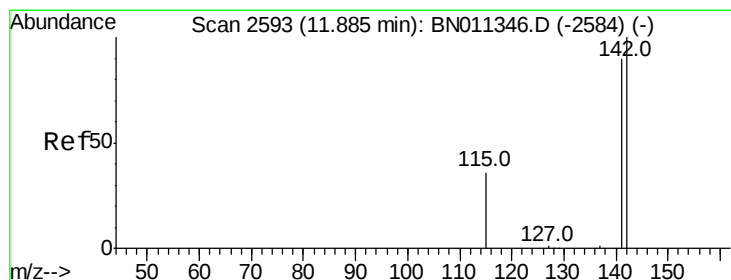
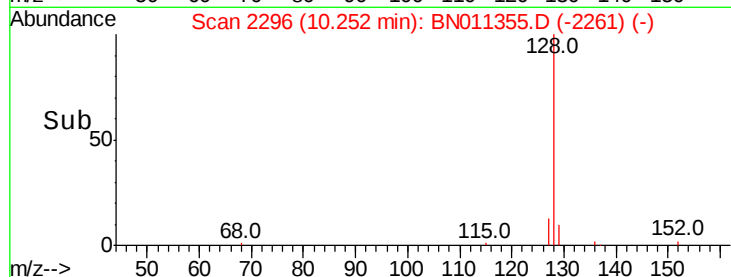
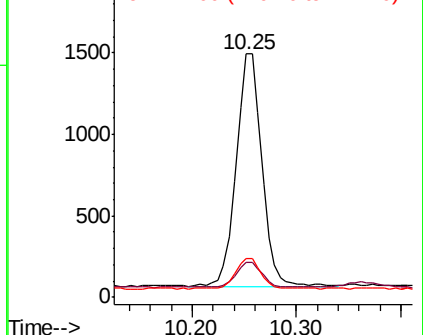
127 15.8 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

2000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 11.88 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BN011355.D

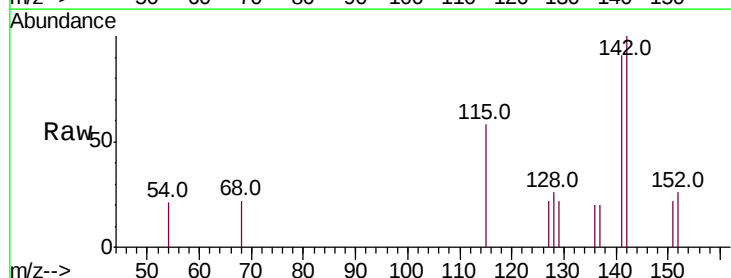
Acq: 04 Aug 2020 05:37

Tgt Ion:142 Resp: 370

Ion Ratio Lower Upper

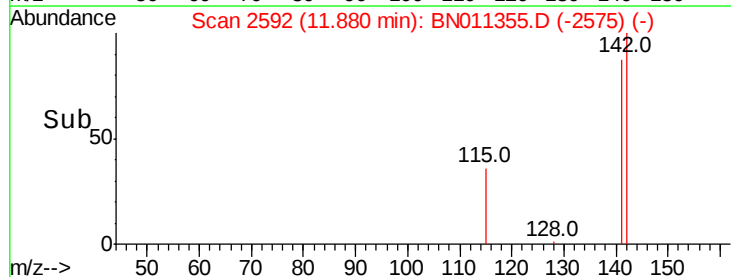
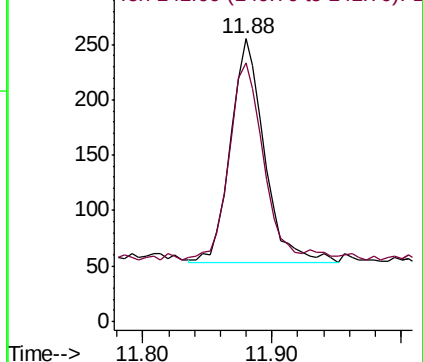
142 100

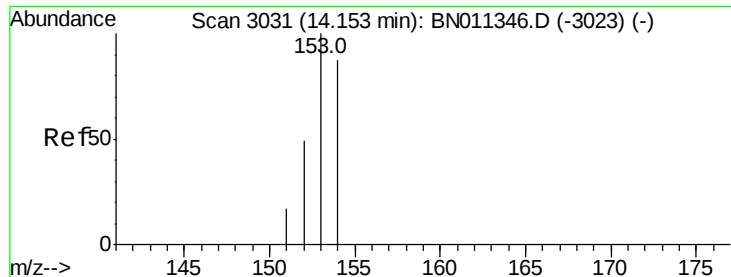
141 87.0 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.144 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.04 min

Lab File: BN011355.D

Acq: 04 Aug 2020 05:37

Instrument :

BNA_N

ClientSampleId :

F4L07

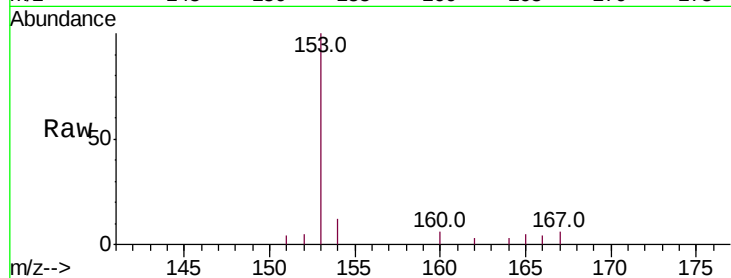
Tot Ion:153 Resp: 2354

Ion Ratio Lower Upper

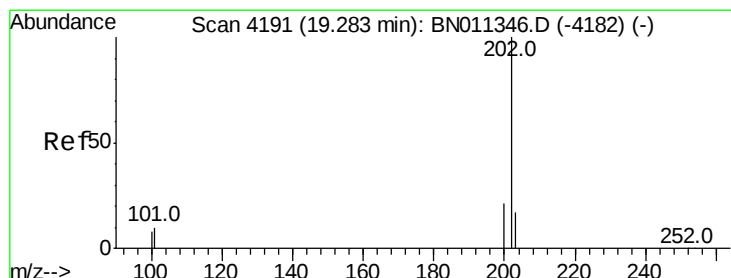
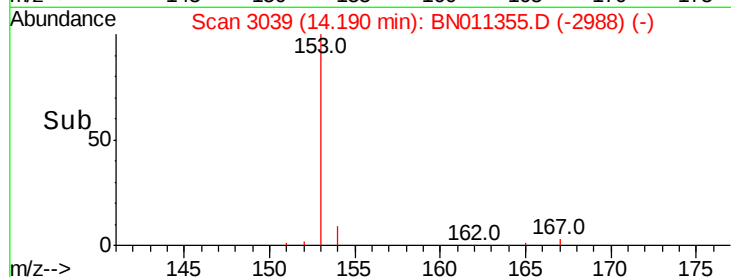
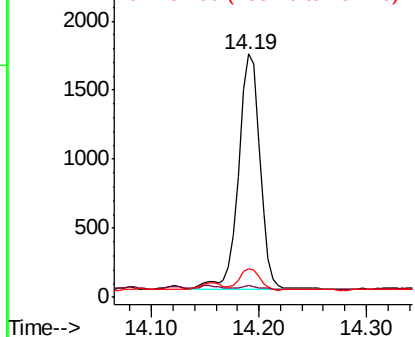
153 100

152 4.8 40.5 60.7#

154 11.9 69.5 104.3#



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



#17

Pyrene

Concen: 0.042 ng/ul

RT: 19.26 min Scan# 4185

Delta R.T. -0.03 min

Lab File: BN011355.D

Acq: 04 Aug 2020 05:37

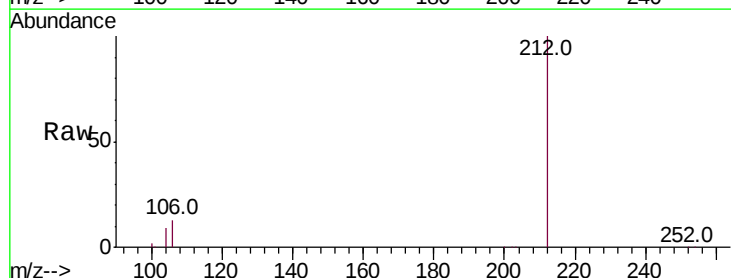
Tgt Ion:202 Resp: 1552

Ion Ratio Lower Upper

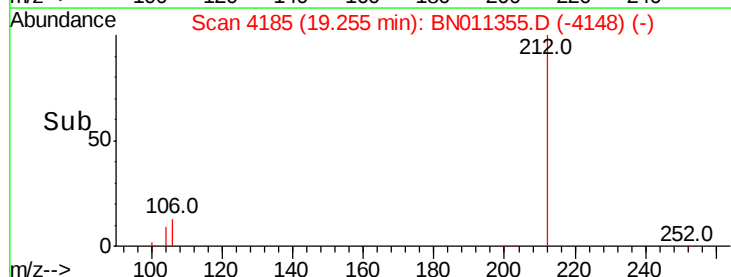
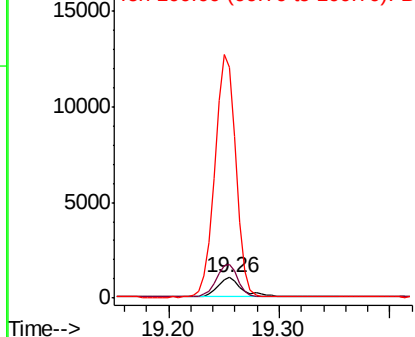
202 100

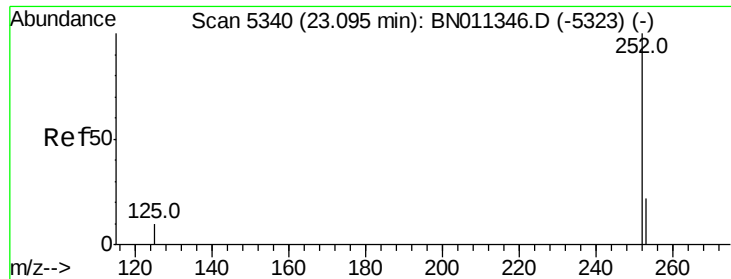
101 166.3 8.5 12.7#

100 1129.9 7.1 10.7#



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





#23

Benzo(a)pyrene

Concen: 0.093 ng/ul

RT: 23.05 min Scan# 5326

Delta R.T. -0.04 min

Lab File: BN011355.D

Acq: 04 Aug 2020 05:37

Instrument :

BNA_N

ClientSampleId :

F4L07

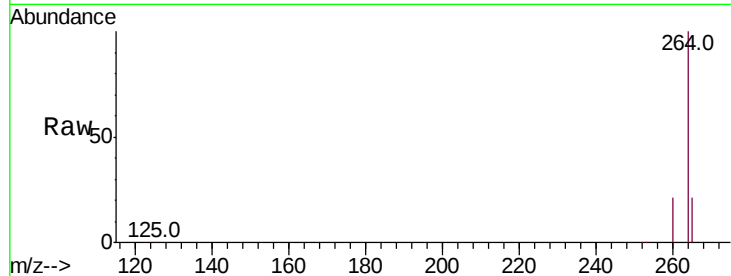
Tot Ion:252 Resp: 3158

Ion Ratio Lower Upper

252 100

253 43.7 22.6 34.0#

125 33.6 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

